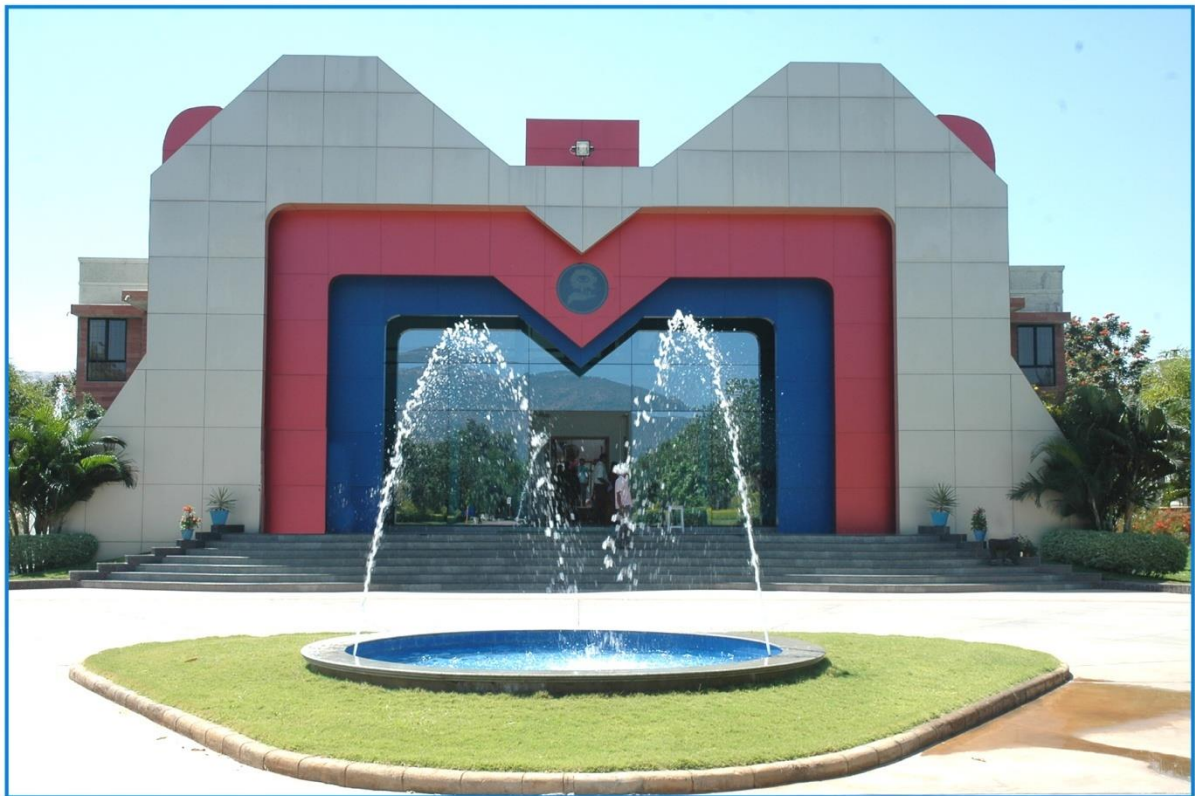




DREAM. BELIEVE. ACHIEVE

UGC Pro-forma for submission of information by State Private Universities for ascertaining their norms and standards



Submitted to
**University Grants Commission (UGC),
New Delhi**

(VOLUME – II)

by

MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati – 517 102, A.P.

(Established under Andhra Pradesh Private Universities (Establishment & Regulation)
Act 2016 (Act No.3 of 2016 & 40 of 2023))

UGC Pro-forma for submission of information by State Private Universities for ascertaining their norms and standards

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K. Vasanthi

REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

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Registrar
REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



Annexures



DATES OF THE MEETING OF STATUTORY BODIES

GOVERNING BODY (GB)

Name of the Meeting	Academic Year	Date
1 st Governing Body Meeting	2022-23	06.08.2022
2 nd Governing Body Meeting		26.11.2022
3 rd Governing Body Meeting		31.05.2023
4 th Governing Body Meeting		29.07.2023
5 th Governing Body Meeting	2023-24	04.12.2023

BOARD OF MANAGEMENT (BOM)

Name of the Meeting	Academic Year	Date
1 st Board of Management Meeting	2022-23	06.08.2022
2 nd Board of Management Meeting		26.11.2022
3 rd Board of Management Meeting		31.05.2023
4 th Board of Management Meeting		29.07.2023
5 th Board of Management Meeting	2023-24	04.12.2023

FINANCE COMMITTEE (FC)

Name of the Meeting	Academic Year	Date
1 st Finance Committee Meeting	2022-23	05.08.2022
2 nd Finance Committee Meeting		24.11.2022
3 rd Finance Committee Meeting	2023-24	22.04.2023
4 th Finance Committee Meeting		25.11.2023

ACADEMIC COUNCIL (AC)

Name of the Meeting	Academic Year	Date
1 st Academic Council Meeting	2022-23	06.08.2022
2 nd Academic Council Meeting		17.11.2022
3 rd Academic Council Meeting		15.03.2023
4 th Academic Council Meeting	2023-24	30.11.2023

BOARD OF STUDIES (BOS)

Name of the Meeting	Academic Year	Date(s)
1 st Combined BOS Meeting	2022-23	15.07.2022
2 nd Combined BOS Meeting		20.08.2022
1 st Individual Department BOS Meeting		Details are given below
2 nd Individual Department BOS Meeting	2023-24	

INDIVIDUAL DEPARTMENT BOARD OF STUDIES (BOS)

School	Department	2022-23 1 st Meeting	2023-24 2 nd Meeting
School of Engineering	Electronics and Communication Engineering	15.07.2022	24.06.2023
	Electrical and Electronics Engineering	15.07.2022	24.06.2023
	Civil Engineering	15.07.2022	24.06.2023
	Mechanical Engineering	15.07.2022	24.06.2023
School of Computing	Computer Science and Engineering	15.07.2022	22.06.2023
	Data Science	15.07.2022	24.06.2023
	Computer Applications	15.07.2022	22.06.2023
School of Liberal Arts and Sciences	Biological and Chemical Sciences	20.08.2022	24.06.2023
	Mathematical Sciences	20.08.2022	24.06.2023
	Languages and Social Sciences	20.08.2022	24.06.2023
School of Commerce and Management	Management	20.08.2022	24.06.2023
	Commerce	20.08.2022	24.06.2023
School of Paramedical, Allied and Health Care Sciences	Paramedical Sciences	21.01.2023	23.01.2023
	Physiotherapy	25.01.2023	08.12.2023
School of Agriculture	Agriculture	06.02.2023	28.06.2023
School of Pharmaceutical Sciences	Pharmacy	-NA-	28.06.2023 (1 st Meeting)


GOVERNING BODY - MINUTES OF MEETING

Name of the Meeting	Academic Year	Date of Meeting	Page Numbers for Minutes of Meeting
1 st Governing Body Meeting	2022-23	06.08.2022	1 - 16
2 nd Governing Body Meeting		26.11.2022	17 - 24
3 rd Governing Body Meeting		31.05.2023	25 - 32
4 th Governing Body Meeting		29.07.2023	33 - 37
5 th Governing Body Meeting	2023-24	04.12.2023	38 - 45

REGISTRAR

 REGISTRAR
 MOHAN BABU UNIVERSITY
 Sree Sainath Nagar, Tirupati
 Andhra Pradesh-517 102.

1st Governing Body Meeting Minutes

Venue: MBU Campus & Blended Mode

Date & Time: 6th Aug, 2022, 5PM

Zoom Meeting Link:

<https://us06web.zoom.us/j/8655736544?pwd=MUNkMmw4MWNVTDVuNW1rUmE2eS82dz09>

Members Present:

S.No.	Name	Designation	Position in Governing Body
1.	Dr. M. Mohan Babu	Chancellor	Chairperson (Ex-Officio)
2.	Sri. Vishnu Manchu	Pro Chancellor	Ex-Officio Member
3.	Dr. Nagaraj Ramrao	Vice Chancellor	Ex-Officio Member
4.	Dr. M. Maruthi	Doctor	Member
5.	Sri. Vinay Maheswari	Group CEO, INDIA TV	Member
6.	Dr. R. Nesamoorthy	Registrar	Ex-Officio Member Secretary

Ist Governing Body Meeting Members



1.1	Welcome of the members by the Chairperson (Chancellor) Governing Body
-----	--

Hon'ble Chancellor welcomed all the esteemed members to the 1st Governing Body meeting with an introduction. He shared his vision and mission of the University and also how the SVET has nurtured colleges asked the Vice Chancellor to take up the business of the meeting.

1.2	To consider and approve the First Statutes of the University to be submitted to the state Govt. for its consideration and Gazette notification.	Annexure-A
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Prof(Dr) Nagaraj Ramrao, Vice Chancellor, MBU then taken up the agenda points for discussion one by one.

In accordance with the section 27 of the Act No. 3 of 2016, under s/s 2, the First Statutes of the University shall be made by the Governing Body and shall be submitted to the State Govt for its approval.

The following First Statutes were put up to the Governing body for consideration and approval as per the details mentioned below:

Statute No	Description
1	Preliminaries
2	The University
3	Officers of the University
4	Authorities of the University
5	Rules of Business for holding meetings of statutory authorities
6	University funds
7	First set of Ordinances
8	Degree Granting Provisions
9	Convocation
10	University Emblems and Insignia
11	Augmentation Provisions

Decision:

The members unanimously approved the 1st Statues of the University.

1.3	To approve the budget of AY 2022-23
-----	--

The tentative budget recommended by the Board of Management for the approval of the Governing body is as under.

TENTATIVE UNIVERSITY BUDGET-FY-2022-23	
RECEIPTS AND PAYMENTS	Rupees in Lakhs
PARTICULARS	2022-23
<u>INCOME</u>	
FEES FROM STUDENTS	8,648.86
MISC INCOME	230.00
TOTAL	8,878.86
<u>1. RECURRING EXPENDITURE</u>	
SALARIES AND ALLOWANCES	3,802.61
ELECTRICITY & DG MAINT	150.00
REPAIRS & MAINTENANCE	55.00
VEHICLE MAINT	60.00
LABS MAINT	31.25
MESS MAINT (55% of Hostel fee)	1,086.72
ADMINISTRATION & OTHERS (17.50% on Income)	1,553.80
MISC. EXPENSES	11.00
INTEREST & FINANCE CHARGES	0.00
DEPRECIATION	2,260.25
Sub Total	9,010.63
GROSS SURPLUS /DEFICIT	131.77
<u>CASH FLOW</u>	
Opening Balance:	0.00
<u>CASH IN</u>	

Current Year Surplus/Deficit After Depreciation	131.77
Add Depreciation	2,260.25
CASH GENERATION	2,128.48
Add:	
PROMOTORS CONTRIBUTION (Promotors share on Project cost - Internal revenue generation)	2,211.52
TERM LOAN FROM BANKS (75%)	13,020.00
TOTAL	17,360.00
<u>CASH OUT</u>	
Capital Expenditure	17,360.00
Term Loans Repayment	0.00
Others (Endowment Fund)	0.00
TOTAL	17,360.00
CUMULATIVE CASH SURPLUS / DEFICIT	0.00

Decision:

The members approved the budget Board approved the tentative budget recommended by the Board of Management.

1.4	To ratify the creation of various Schools, programmes offered, intake & fee structure AY-2022-23 as recommended by the BoM.
------------	--

The University has proposed to start the AY-2022-23 with the following Schools namely:

1. MB School of Engineering
2. MB School of Computing
3. MB School of Liberal Arts & Science
4. MB School of Commerce & Management
5. MB School of Pharmaceutical Science

6. MB School of Paramedical & Health Sciences
7. MB School of Visual & Fine Arts
8. MB School of Media Studies
9. MB School of Agriculture
10. MB Film Academy

The various programmes and its proposed intake with the fee structure is mentioned below:

Name of the Degree	Name of the Program	Duration	Proposed Intake	Proposed Fee /Year
MB School of Engineering				
B.Tech	Civil Engineering	4	60	100000
B.Tech	Civil Engineering with Specialization in Geo-Technical and Transportation Engineering	4	30	100000
B.Tech	Civil Engineering with Specialization in Structural Engineering	4	30	100000
B.Tech	Electrical and Electronics Engineering	4	120	110000
B.Tech	Electrical and Electronics Engineering with Specialization in High Voltage Engineering and Power Systems	4	30	110000
B.Tech	Electrical and Electronics Engineering with Specialization in Automotive Electronics	4	30	110000
B.Tech	Electronics and Communication Engineering	4	180	150000
B.Tech	Electronics and Communication Engineering with Specialization in Embedded Systems and IOT	4	60	150000
B.Tech	Electronics and Instrumentation Engineering	4	30	100000
B.Tech	Electronics and Instrumentation Engineering with Specialization in Biomedical Engineering	4	30	100000
B.Tech	Mechanical Engineering	4	60	110000
B.Tech	Mechanical Engineering with Specialization in Smart Manufacturing	4	30	110000
B.Tech	Mechanical Engineering with Specialization in Robotics and Automation	4	30	110000
M.Tech	Construction Technology and Management	2	18	75000
M.Tech	Electrical Power Systems	2	18	75000
M.Tech	Machine Design	2	18	75000
M.Tech	VLSI and Embedded System Design	2	18	75000
			672	
MB School of Computing				
B.Tech	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	4	240	190000
B.Tech	Computer Science and Engineering (Cyber Security)	4	240	190000

B.Tech	Computer Science and Engineering (Data Science)	4	240	190000
B.Tech	Computer Science and Engineering	4	1320	190000
B.Tech	Computer Science and Engineering with Specialization in Cloud Computing	4	60	190000
B.Tech	Computer Science and Engineering with Specialization in Full Stack Development	4	60	190000
B.Tech	Computer Science and Engineering with Specialization in DevOps	4	60	190000
B.Tech	Computer Science and Engineering with Specialization in Block Chain Technologies	4	60	190000
B.Tech	Computer Science and Information Technology	4	240	190000
M.Tech	Computer Science and Engineering	2	18	75000
M.Tech	Computer Science and Engineering (Artificial Intelligence and Data Science)	2	18	75000
M.Tech	Computer Science and Engineering (Cyber Security)	2	18	75000
			2574	
BCA	Bachelor of Computer Applications	3	60	60000
BCA	BCA with Specialization in Augmented Reality and Virtual Reality	3	60	60000
BCA	BCA with Specialization in Game and Graphic Design	3	60	60000
MCA	Master of Computer Applications	2	240	100000
MCA	MCA with Specialization in Full Stack Development	2	60	100000
			480	
			3054	
MB School of Liberal Arts and Sciences				
B.Sc	Bioinformatics	3	120	50000
B.Sc	Biotechnology	3	120	50000
B.Sc	Computer Science	3	60	50000
B.Sc	Data Science and Analytics	3	120	60000
B.Sc	Electronics	3	60	50000
B.Sc	Microbiology	3	120	50000
B.Sc	Physical Education	3	120	50000
BA	English	3	60	50000
BA	Psychology	3	60	50000
BA	Sociology	3	60	50000
M.Sc	Digital Economics	2	20	50000
M.Sc	Biotechnology	2	30	50000
M.Sc	Computer Science	2	30	50000
M.Sc	Organic Chemistry	2	30	50000
M.Sc	Data Science and Analytics	2	30	50000

MA	English	2	20	50000
			1060	
MB School of Commerce and Management				
B.Com	Computer Applications	3	120	60000
B.Com	General	3	120	50000
B.Com	Banking and Finance	3	120	50000
B.Com	Corporate Accounting and Taxation	3	120	50000
B.Sc	Economics (Economics, Statistics, Mathematics)	3	60	50000
B.Sc	Digital Economics	3	60	50000
BBA	BBA E-Commerce and Supply Chain Management	3	60	75000
BBA	BBA FinTech	3	60	75000
BBA	BBA Digital Marketing	3	60	75000
BBA	Business Analytics	3	60	75000
BBA	General	3	120	75000
BHMCT	Hotel Management and Catering Technology	3	60	90000
M.Com	General	2	30	50000
M.Com	Forensic Audit and Corporate Fraud Prevention	2	30	50000
MBA	Business Analytics	2	60	110000
MBA	International Business	2	30	110000
MBA	Logistics and Supply Chain Management	2	60	110000
MBA	Digital Transformation	2	60	110000
MBA	Marketing/HR/Finance	2	120	110000
			1410	
MB School of Media Studies				
BA	Journalism and Mass Communication	3	180	60000
BA	Journalism and Media Studies	3	60	60000
B.Sc	Visual Communication	3	120	75000
M.Sc	Visual Communication	2	30	100000
MA	JMC - Advertising PR and Corporate Communication	2	20	100000
MA	JMC - Digital Media and Multimedia Communication	2	20	100000
			430	
MB Film Academy				
BA	Film Making	3	20	100000
BA	Direction	3	20	100000
BA	Cinematography	3	20	100000
BA	Photography	3	20	100000
BA	Sound Engineering	3	20	100000
			100	
MB School of Art & Design				

BVA	Animation and VFX	3	20	80000
BPA	BA Performing Arts (Dance, Music, Theatre)	3	60	80000
BVA	BFA (Painting, Sculpture, Photography)	3	60	80000
BVA	BFA Digital Arts	3	30	80000
B.Des	Game Design	3	20	80000
			190	
MB School of Paramedical and Health Sciences				
B.Sc	Forensics Sciences	3	60	100000
B.Sc	Anaesthesia and Operation Theatre Technology	4	60	100000
B.Sc	Cardio Vascular Technology	4	60	125000
B.Sc	Clinical Nutrition, Dietetics and Food Science	4	60	100000
B.Sc	Dental Technology	4	60	100000
B.Sc	Dialysis Technology	4	60	100000
B.Sc	Emergency Medicine and Critical Care Technology	4	60	100000
B.Sc	Respiratory Therapy	4	60	125000
B.Sc	Health Psychology	4	60	100000
B.Sc	Medical Lab Technology	4	60	100000
B.Sc	Optometry	4	60	100000
B.Sc	Radiology and Imaging Technology	4	60	100000
B.Sc	Food Science and Technology	4	60	100000
BPT	Bachelor of Physiotherapy	4	60	100000
M.Sc	Clinical Research and Experimental Medicine	2	60	120000
M.Sc	Health Informatics and Analytics	2	60	120000
M.Sc	Health Psychology	2	60	90000
M.Sc	Public Health	2	60	100000
MPT	Masters In Physiotherapy (MPT)- Neurology	2	15	120000
MPT	Masters In Physiotherapy (MPT)- Cardio Pulmonary	2	15	120000
MPT	Masters In Physiotherapy (MPT)- Sports	2	15	120000
MPT	Masters In Physiotherapy (MPT)- Orthopaedics	2	15	120000
			1140	
MB School of Agriculture				
B.Sc(Hons)	Agriculture	4	240	200000
B.F.Sc	Fisheries Science	4	40	120000
B.Sc(Hons)	Forestry	4	50	80000
B.Sc(Hons)	Horticulture	4	60	150000
B.Sc(Hons)	Sericulture	4	40	150000
M.Sc	Smart Agriculture	2	30	150000
			460	
			8516	

Decision:

The members of the Governing Body ratified the above and approved.

1.5	To ratify the appointments of Vice Chancellor, Registrar, Dean, Vice President, Faculty & Staff members of the University.
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The various statutory positions of the University have been appointed as per the Act & Statutes of the University.

The Vice Chancellor of the University was appointed as per the Act of the University. The Screen & Selection committee consists of Hon'ble Chancellor, sponsoring body members and external experts shortlisted 4 candidates having high academic integrity and experience namely Prof. Praveen Singh, Prof Babu, Prof Raghavendra and Prof Nagaraj Ramrao.

Then finally Hon'ble Chancellor selected Prof(Dr) Nagaraj Ramrao, as the Founding Vice Chancellor of Mohan Babu University.

He has assumed the charge of Vice Chancellor office from 1st July,2022.

Similarly, the position of Registrar, also appointed as per the Act of the University.

Prof (Dr) R Nesamoorthy has been appointed by the Chancellor as First Registrar of MBU and he has joined the University on 11th August,2022.

The Deans, Controller of Examinations, HoD's, Professors, Associate Professors and Assistant Professors of the University has been transferred from the Sree Vidyanikethan Educational Institution's managed by the sponsoring body of Mohan Babu University with effect from 1st August,2022.

The selection panel consisted of the Vice Chancellor, MBU and external subject experts Dr Parag Diwan and others interviewed the candidates and accordingly recommended the names to the Board for approval of their appointments.

S.No	Name of the Faculty member	Designation
1	Dr B M Sathish	Dean- School of Engineering
2	Dr. P. V. Ramana	Dean-Academics
3	Dr. S. Hema Chandra	Dean-Accreditations
4	Dr. K. Delhi Babu	VP- Career Development Centre
5	Dr. T. Nageswara Prasad	Dean- Control and Monitoring
6	Dr. K. Saradhi	Controller of Examinations
7	Mr. R. Nagaraju	Assistant Director- VC's office

HOD's, Programme Head / Professor/ AsP/AP

SL No	Name	Designation	School / Deptt
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1.	Dr. M. Lavanya	HOD, MCA	MCA
2.	Dr. M.S. Sujatha	HOD,ECE	ECE
3.	Dr. K. Ramani	HOD, IT	IT
4.	Dr. R. Satya Meher	HOD, ME	MECH.
5.	Dr. B. Narendrakumar Rao	Program Head- AI & ML	CSE
6.	Dr. N. Gireesh	Program Head- Data Sciences	CSE
7.	Dr. M. Ravichand	Professor	BS&H
8.	Dr. M. Sunil Kumar	Professor	CSE
9.	Dr. K. Reddy Madhavi	Professor	CSE
10.	Dr. G. Sunitha	Professor	CSE
11.	Dr. J. Avanija	Professor	CSE
12.	Dr. V. Anantha Natarajan	Professor	CSE
13.	Dr. A. V. Sriharsha	Professor	CSE
14.	Dr. K. Kannan	Professor	CSE
15.	Dr. P. Geetha	Professor	ECE
16.	Dr. V. V. Satyanarayana T	Professor	ECE
17.	Dr. D. Leela Rani	Professor	ECE
18.	Dr. V. Arun	Professor	EEE
19.	Dr. P. Umapathi Reddy	Professor	EEE
20.	Dr. M.S. Sujatha	Professor	EEE
21.	Dr. N.M.G. Kumar	Professor	EEE
22.	Dr.T.Hari Prasad	Professor	MECH.
23.	Dr. B. Sachuthananthan	Professor	MECH.
24.	Dr. N. Padmaja	Professor	ECE
25.	Dr. D. Ganesh	Associate Professor	CSE
26.	Dr. K. S. Chakradhar	Associate Professor	ECE
27.	Dr. N. Ashok Kumar	Associate Professor	ECE
28.	Dr. D. Suresh Babu	Associate Professor	EEE
29.	Dr. S. Prabhu	Associate Professor	EEE
30.	Dr. V. Jyothsna	Associate Professor	IT
31.	Dr. V. Lokanadham Naidu	Associate Professor	IT
32.	Dr. N. Manikandan	Associate Professor	MECH.
33.	Dr. R. L. Krupakaran	Associate Professor	MECH.
34.	Ms. D. Nagamalleswari	Assistant Professor	BS & H
35.	Mr. P. Naresh Kumar Reddy	Assistant Professor	BS & H
36.	Dr. T. Chalapathi	Assistant Professor	BS&H
37.	Mr. M. S. Yuvaraj	Assistant Professor	CE
38.	Mr. P. Siva Kumar	Assistant Professor	CE
39.	Ms. G. Gnana Prasanna	Assistant Professor	CE
40.	Mr. M. Ganesh Karthik	Assistant Professor	CSE
41.	Mr. G. Venkatesh	Assistant Professor	CSE
42.	Mr. R. Nagaraju	Assistant Professor	CSE
43.	Mr. S. Prem Kumar Deepak	Assistant Professor	CSE

44.	Ms. M. Vijayasanthi	Assistant Professor	CSE
45.	Mr. P. YOGENDRA PRASAD	Assistant Professor	CSSE
46.	Dr. E. Sophiya	Assistant Professor	CSSE
47.	Ms. M. Bharathi	Assistant Professor	ECE
48.	Ms. H.D. Praveena	Assistant Professor	ECE
49.	Ms. K. Neelima	Assistant Professor	ECE
50.	Mr. M. Venkatanaresh	Assistant Professor	ECE
51.	Mr. C. Venkata Sudhakar	Assistant Professor	ECE
52.	Mr. M. Balaji	Assistant Professor	ECE
53.	Ms. P. G. Mamatha	Assistant Professor	ECE
54.	Dr. K. Leleedhar Rao	Assistant Professor	EEE
55.	Mr. G. Ravindra	Assistant Professor	EEE
56.	Mr. B. Hemanth. Kumar	Assistant Professor	EEE
57.	Mr. K. Manikandan	Assistant Professor	EEE
58.	Mr. C. Somasundar Reddy	Assistant Professor	EIE
59.	Ms. N. Harathi	Assistant Professor	EIE
60.	Ms. N. P. Dharani	Assistant Professor	EIE
61.	Ms. Ch. Prathima	Assistant Professor	IT
62.	Ms. C. Silpa	Assistant Professor	IT
63.	Mr. Ch. Sreenu Babu	Assistant Professor	IT
64.	Mr. Jagdeesh Kumar G	Assistant Professor	MCA
65.	Mr. T. Kosaleswara Reddy	Assistant Professor	EEE
66.	Mr. G. M. Chanakya	Assistant Professor	IT
67.	Ms. P. Theja Sree	Assistant Professor	MECH.
68.	Dr. B. Vishnu Vardhana Naidu	Assistant Professor	MECH.
69.	Ms. K. Lakshmi Kala	Assistant Professor	MECH.
70.	Dr. B. Reddappa	Assistant Professor SL	BS&H
71.	Dr. K. Kumaraswamy Naidu	Assistant Professor SL	BS&H
72.	Dr. Y. B. Kishore Kumar	Assistant Professor SL	BS&H
73.	Mr. D. Raghurami Reddy	Assistant Professor SL	MECH.

Decision:

The members of the Governing Body ratified the appointments and approved.

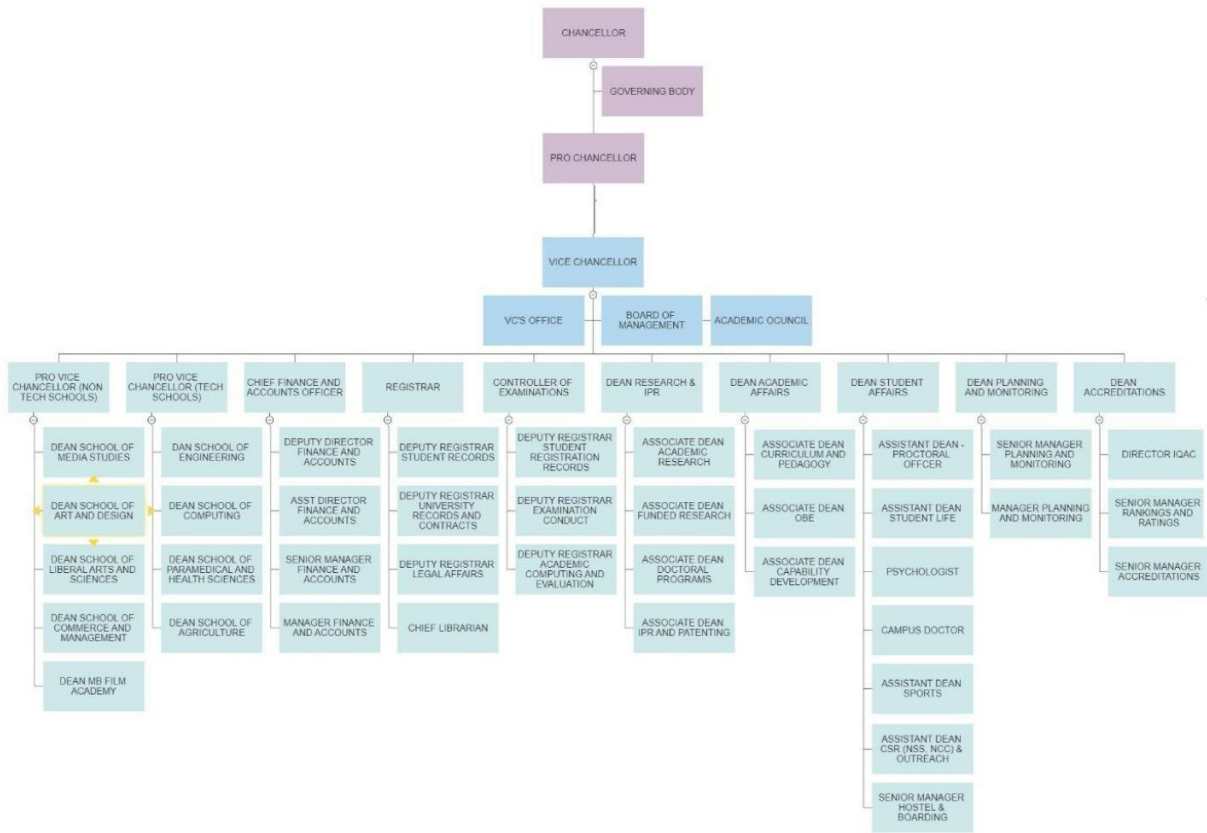
1.6	To ratify the manpower requirements for AY-2022-23 to the Governing Body for approval.
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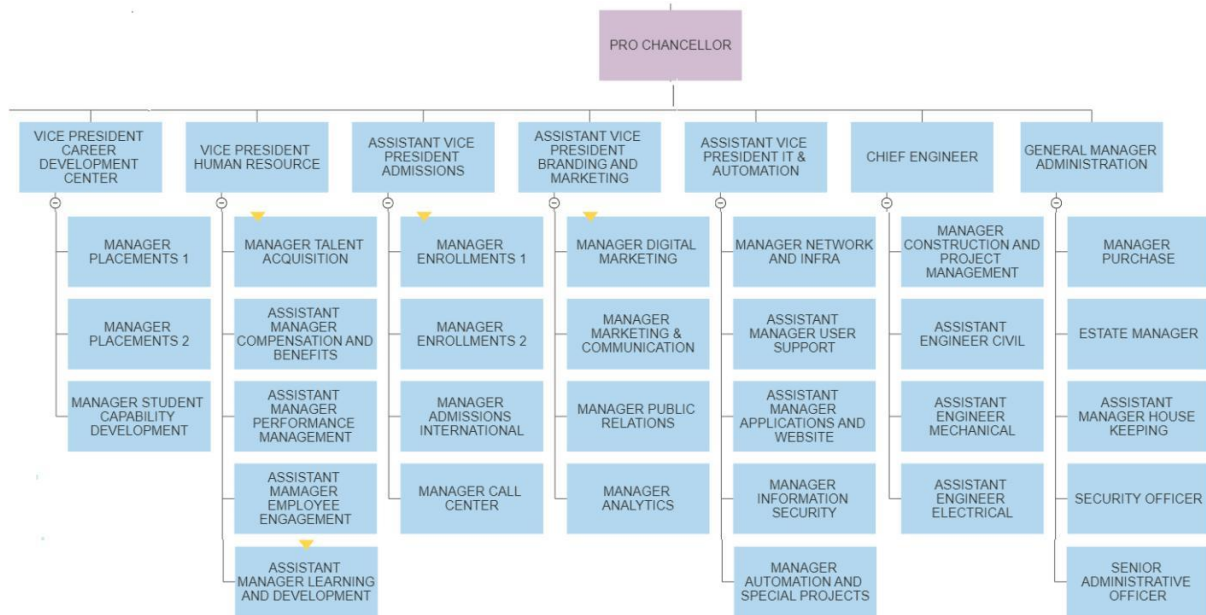
The recruitment plan and transfer of existing faculties from the SVGI's of other schools namely Pharmacy, Management, Degree College shall be conducted gradually depending on the admissions

Decision:

The members of the Governing Body ratified the above and approved.

1.7	To ratify the organization structure of the University as recommended by the Board of Management
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Decision:

The members of the Governing Body ratified the above and approved.

1.8	To ratify Vision, Mission statements, the common seal & logo of the University.
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Vision Statement:

To be a globally respected institution with an innovative and entrepreneurial culture that offers transformative education to advance sustainability and societal good.

Mission Statements:

- Develop industry-focused professionals with a global perspective
- Offer academic programmes that provide transformative learning experience founded on the spirit of curiosity, innovation, and integrity
- Create confluence of research, innovation, and ideation to bring about sustainable and socially relevant enterprises
- Uphold high standards of professional ethics leading to harmonious relationship with environment and society

LOGO:

“Gryphon” is an amalgamation of lion and eagle depicts the courage and boldness. It is also used to denote strength and military courage as well as leadership with incredible strength, unflinching protective instincts, and a zero-tolerance policy against evil. The colour of Red and yellow indicates the sacrifice and the presence of God and joy.

SEAL:

The Common seal of the University is designed in a round shape embossed with Mohan Babu University, Tirupati, and at the center the logo of the University is placed.



Decision:

The members of the Governing Body ratified the above and approved.

1.9	<p>To inform the following</p> <ul style="list-style-type: none"> a) Admission status. b) School of Nursing & Pharmacy c) Academic Acitivity-AY-2022-23 	
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a) Status on MB School of Pharmacy & School of Nursing:

Initially it was decided to change the existing School of Pharmacy under SVI's to MB School of Pharmacy but the last date to apply through online was 24th December,2021.

At that time even the University notification was not issued by the AP Govt. and hence the result.

Now the portal will open in Nov-Dec-22 only for all new institutions to apply

It is now decided that the existing School will still function under the affiliating University of JNTUA and continue and at the same time as and when the online portal of PCI opens MBU should submit an application to start a separate school in MBU.

School of Nursing:

As per the regulations and information gathered from NTR University and AP State Nursing Council, a No objection or essentiality certificate is required to be obtained to start a New Nursing School and then affiliation and approvals are required from the Andhra Pradesh Nurse and Midwife Council (APNMC) and finally from Indian Nursing Council, the whole exercise may take about 6-10 months.

The existing college SVCN cannot be transferred from Dr. NTRUHS to MBU University as per the regulations of Dr. NTRUHS.

Due to this reason, Nursing College could not be established in the year 2022-2023.

b) Admission Status as on 2nd August

Programme Name	Admitted
B.Tech (CSC)	316
B.Tech(CS AI&ML)	183
B.Tech (Cyber Security)	18
B.Tech (Data Science)	80
B.Tech (IT)	03
B.Tech(Cloud Computing)	05
B.Tech (Full Stack Dev)	05
B.Tech (ECE)	27
B.Com	07
BCom(B&F)	02
B.Pharmacy	03
B.Sc(Bio Tech)	01
B.Sc(Economics, Maths)	01
B.Sc (Electronics)	01
B.Sc(Emergency & Critical Care)	01
B.Sc(Microbiology)	02
B.Sc(Agri)	01
B.Sc(CS)	08
BBA	08
BA (Eng)	01
BCA	63
MBA	02
M.Pharmacy	02

- c) The Academic Session of AY 2022-23 has started with Freshmen Induction Programme on 16th July, 2022 followed by an orientation session till 30th July, 2022.



The class work for B.Tech CSE students have started from 1st August, 2022.

Decision:

The members of the Governing Body noted the above points.

1.10	Any other agenda with the approval of the Chairperson
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Since there are no other agenda points for discussion, the meeting ended with vote of thanks to the Chair.



Prof(Dr) R Nesamoorthy
Registrar

Registrar & Member Secretary



REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



2nd Meeting of the Governing Body



MINUTES

26th November, 2022

MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati – 517 102, A.P.
(Established under Andhra Pradesh Private Universities (Establishment & Regulation) Act
2016 (Act No.3 of 2016))


REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



MOHAN BABU UNIVERSITY
SREE SAINATH NAGAR, TIRUPATI-517102

Minutes of the 2nd Meeting of the Board of Management

Venue: MBU Campus & Blended Mode

Date & Time: 26th Nov, 2022, 4.00 pm

<https://us06web.zoom.us/j/8655736544?pwd=MUNkMmw4MWNVTDVuNW1rUmE2eS82dz09>

Members Present:

S.No.	Name	Designation	Position in Board of Management	
1.	Dr. M. Mohan Babu	Chancellor	Chairperson (EX-Officio)	
2.	Sri. Vishnu Manchu	Pro Chancellor	EX-Officio Member	
3.	Prof. Nagaraj Ramrao	Vice Chancellor	EX-Officio Member	
4.	Dr. M. Maruthi	Doctor	Member	
5.	Sri. Vinay Maheswari	Group CEO, INDIA TV	Member	
6.	Dr. K. Saradhi	Registrar	EX-Officio Member Secretary	

1.0	Welcoming the members of the GB by the Chairperson (Chancellor)
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Hon'ble Chancellor welcomed all the esteemed members to the 2nd meeting of the Governing Body. He asked the Vice Chancellor to take up the business of the meeting. Prof. Nagaraj Ramrao, Vice Chancellor, MBU had taken up the agenda points for discussion one by one.

2.0	Action Taken Report on the Minutes of 1st meeting of the Governing Body held on 06-08-2022.
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2.1 In the Minutes of 1st meeting of the Governing Body, the item No. 1.2 of Submission of **First Statutes of the University** to the A.P State Govt. was submitted on 16.11.2022

Decision:

The members of the Governing Body noted the above points.

3.0	To ratify the revised intake and programs offered by various schools for the AY-2022-23
-----	---

The revised intake and programs offered by various schools are shown in the [ANNEXURE-I](#):

Decision:

The members of the Governing Body ratified the revised intake and programs offered by various schools.

4.0	To ratify the new appointments of Registrar, Faculty and Non-Teaching members of the University.
-----	--

The various statutory positions of the University have been appointed as per the Act & Statutes of the University after 1st meeting of the Governing Body held on 06.08.2022.

Dr. K. Saradhi has been appointed as Registrar of MBU and he joined on 10th November, 2022.

The appointments of various Faculty and Non-teaching staff are listed in [ANNEXURE-II](#).

The selection panel consisted of the Vice Chancellor, MBU and external subject experts Dr Parag Diwan and others interviewed the candidates and accordingly recommended the names to the Governing Body for approval of their appointments.

Decision:

The members of the Governing Body ratified the appointments.

5.0	To ratify and approve the items recommended by the Academic council and approved by the BOM in its 2 nd meeting. <ol style="list-style-type: none">1. Signed MoU with Coursera to offer courses through MOOC.2. Signed MoU with University of Wisconsin-Madison, USA for credit transfer and joint certification Programs.
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The items recommended by the Academic council are shown in the [ANNEXURE-III](#) for ratification by the members of Governing Body.

Decision:

The members of the Governing Body ratified and approved the recommendations of the Academic Council and the BOM.

6.0	<p>To ratify and approve the items recommended by the University Research Board (URB) and approved by the BOM in its 2nd meeting.</p> <ol style="list-style-type: none"> 1. To ratify the policy on Research Promotion – Annexure IV.1 2. To ratify the policy on consultancy assignments – Annexure IV.2 3. To ratify the policy on MS Engg by Research – Annexure IV.3 4. To ratify the policy on Post-Doctoral Fellowship Programme – Annexure IV.4 5. To ratify the regulations governing programs leading to the award of the degree of doctor of philosophy (Ph.D) – Annexure IV.5 6. To ratify the research scholar admissions into Ph.D program under various specializations – Annexure IV.6 7. To note the status of Paper publications by the faculty – Annexure IV.7
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The items recommended by the “University Research Board (URB)” are shown in the corresponding Annexures listed above for ratification and approval by the members of Governing Body.

Decision:

The members of the Governing Body ratified and approved the recommendations of the URB and the BOM.

7.0	To ratify and approve the starting of New Schools in Mohan Babu University for the A.Y 2023-24
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The following new schools are proposed to start in Mohan Babu University from the Academic Year 2023-24.

- School of Law.
- School of Nursing

Decision:

The members of the Governing Body ratified and approved the starting of the proposed new schools.

8.0	To ratify and approve the merging of “Sree Vidyanikethan College of Pharmacy” into Mohan Babu University as “School of Pharmaceutical Sciences” from the Academic Year 2023-24 .
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It is proposed to merge “Sree Vidyanikethan College of Pharmacy” into Mohan Babu University as “School of Pharmaceutical Sciences” from the Academic Year 2023-24 and the same is submitted to the members of the Governing Body for ratification and approval.

Decision:

The members of the Governing Body ratified and approved the merging of “Sree Vidyanikethan College of Pharmacy” into Mohan Babu University as “School of Pharmaceutical Sciences” from the Academic Year 2023-24.

9.0	To ratify and approve the various Infrastructure development activities at the University campus in the proposed Infrastructure Development Plan.
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A detailed report with the status of the current progress on the various Infrastructure development activities carried out at the University campus along with the proposed Infrastructure Development Plan are shown in the ANNEXURE-V for ratification and approval of the members of the Governing Body.

Decision:

The members of the Governing Body ratified the Infrastructure development activities in the proposed Infrastructure Development Plan.

10.0	To ratify and note the updates on: <ol style="list-style-type: none"> 1. Admission status for the A.Y 2022-23 as on 19th Nov 2022. 2. Academic Activities undertaken since the last BOM meeting in the AY 2022-23. 3. MOU’s with Universities and Industries. 4. Campus automation through CAMU ERP. 5. Rankings and Accreditations.
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10.0.1 Admission status for the A.Y 2022-23 as on 19th Nov 2022:

The total number of admissions into various programs is detailed in the ANNEXURE-VI

10.0.2 Academic Activities undertaken since the last Governing Body meeting in the AY 2022-23:

- Freshmen induction program is organized between 10th October to 15th October and regular class work is commenced from 17th October 2022 for MBU quota Batch-II B.Tech students and students who are admitted through APEAPCET-2022 B.Tech convener quota.
- Freshmen induction program is organized between 17th October to 22th October and regular class work is commenced from 24th October 2022 for the students who are admitted into BBA, B.Com, BCA, MCA and MBA programs.
- Freshmen induction program is organized between 14th November to 16th November and regular class work is commenced from 17th November 2022 for the students who are admitted into various B.Sc programs.

10.0.3 MOU with Universities and Industries:

The University has signed MOU with the following industries for promoting Industry Institute interactions through joint research and consultancy activities:

- Pratistha Industries, Hyderabad.
- Tripura Biotech, Hyderabad.
- Vaishnavi Biotech International, Hyderabad.
- Ravands Plastech, Chittoor.
- EPAM Systems, Raidurg village, Rangareddy district.

The University has signed MOU with the following industries on 21st November 2022 for offering Industry Collaborative Degree programs to our students:

- IBM
- SAP
- L&T Edutech
- Nanochip Solutions

On the international front, the University has signed MoUs with the following foreign universities for promoting Short-term (up to one year) Student Exchange programs and Twinning programs.

- Asia University, Taiwan.
- Cracow University of Technology, Poland.
- University of Pitesti, Romania.

10.0.4 Campus automation through CAMU ERP:

The University has signed MOU with Octoze Technologies Pvt. Ltd. for the implementation of CAMU ERP for automation of Academic and Administration of the University.

10.0.5 Rankings and Accreditations

Sree Vidyanikethan Engineering College (currently Mohan Babu University-SOE & SOC) is ranked 165 in NIRF-2022 and accredited with NAAC A+ grade (CGPA of 3.47 out of 4) for the period 2022-27.

The members of the Governing Body are requested to note the above information and ratify the same.

Decision:

The members of the Governing Body noted the updates and ratified.

11.0	To ratify and approve the Rates of Remuneration for the examiners involved in the Examination and Evaluation activities.
------	--

The proposed rates of remuneration listed in the ANNEXURE-VII are submitted for the ratification and approval of the members of Governing Body.

Decision:

The members of the Governing Body ratified and approved the Rates of Remuneration.

12.0	To ratify and approve the submission of applications to various ranking agencies.
------	---

The University proposes that the applications shall be submitted to the following ranking agencies.

- NIRF 2023
- QS IQUAGE

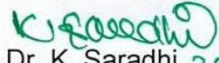
The members of the Governing Body are requested to ratify and approve the submission of applications for the above ranking agencies.

Decision:

The members of the Governing Body ratified and approved the submission of applications to various ranking agencies.

13.0	Any other agenda with the approval of the Chairperson
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Since there are no other agenda points for discussion, the meeting ended with vote of thanks to the Chair.


Dr. K. Saradhi 26/11/22

Registrar & Member Secretary

REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102


REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

3rd Meeting of the Governing Body



MINUTES

31st May, 2023

MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati – 517 102, A.P.
(Established under Andhra Pradesh Private Universities (Establishment & Regulation) Act
2016 (Act No.3 of 2016))


REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

Minutes of the 3rd Meeting of the Governing Body

Venue: MBU Campus & Blended Mode

Date & Time: 31st May, 2023, 12.00 Noon

<https://us06web.zoom.us/j/5889075146?pwd=a2t4N3MrK1FBBeVdub2s3NmZiZIRUQT09>

Members Present:

S.No.	Name	Designation	Position in Board of Management
1.	Dr. M. Mohan Babu	Chancellor	Chairperson (EX-Officio)
2.	Sri. Vishnu Manchu	Pro Chancellor	EX-Officio Member
3.	Prof. Nagaraj Ramrao	Vice Chancellor	EX-Officio Member
4.	Dr. M. Maruthi Krishna	Director, Maruthi Hospitals	Member
5.	Sri. Vinay Maheswari	Executive Director, SVET	Member
6.	Dr. K. Saradhi	Registrar	EX-Officio Member Secretary

Leave of absence was granted to Sri Vinay Maheswari.

3.1 Welcoming the members of the Governing Body by the Chairperson

Hon'ble Chancellor welcomed all the esteemed members to the 3rd meeting of the Governing Body. He asked the Vice Chancellor to take up the business of the meeting. Prof. Nagaraj Ramrao, Vice Chancellor, MBU had taken up the agenda points for discussion one by one.





3.2	Action Taken Report on the Minutes of 2nd meeting of the Governing Body held on 26.11.2022.
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The members unanimously ratified the Action Taken Report on the Minutes of 2nd meeting of the Governing Body held on 26.11.2022.

AGENDA ITEMS FOR RATIFICATION:

3.3	Proposal whether to continue admissions in Civil Engineering branch for the Academic Year - 2023-24.
------------	---

Decision:

The members of Governing Body has advised to retain the admissions in Civil Engineering Branch for the academic year 2023-24 also as per the intake of last Academic Year (i.e 2022-23)

3.4	<p>To ratify and approve the Proposed/Revised rates of remuneration for the examiners:</p> <ol style="list-style-type: none"> 1. Valuation of Answer Scripts of Semester-end Examinations (For Internal Examiners) 2. Valuation of Answer Scripts of Semester-end Examinations (For External Examiners) 3. Proposed Fee for condonation of shortage of Attendance 4. Proposed Fee for late registration of Semester end Examinations.
------------	---

The said items proposed by the Controller of Examinations are shown in the Annexure-I

Decision:

The members of the Governing Body were differed the proposal made under sl.no's 1 & 2 and ratified the proposals made under sl.no's. 3 & 4 as detailed in the Annexure – II.

3.5	<p>To ratify and note the items recommended by the Academic council.</p> <ul style="list-style-type: none"> ❖ Vision and Mission of Paramedical Sciences and Agriculture (Annexure-3.5a) ❖ BOS Meeting of Department of Paramedical Sciences (Annexure-3.5b). ❖ BOS Meeting of Department of Physiotherapy (Annexure-3.5c). ❖ BOS Meeting of School of Agriculture (Annexure-3.5d). ❖ Ratification of Start of New B.Tech. Programs in Collaboration with industry (Annexure-3.5e) ❖ Revised and Addition of Departments Codes for Course Coding (Annexure-3.5f). ❖ Academic Calendars I-Semester (Annexure-3.5g). ❖ Academic Calendars II-Semester (Annexure-3.5h). ❖ Amendment to the MBU22 Regulations (Annexure-3.5i) ❖ Signed MoU with RWTH Aachen University, Germany for various collaborative activities (Annexure-3.5j) ❖ Amendment to the MBU22 Regulations for School of Agriculture (Annexure-3.5k).
-----	---

The items recommended by the Academic council are shown in the corresponding [Annexure - III](#) as listed above.

Decision:

The members of the Governing Body has ratified the recommendations of the Academic Council and BOM.

3.6	<p>To ratify and note the MoUs signed by the Mohan Babu University with the following Universities.</p> <ol style="list-style-type: none"> 1. Asia University, Taiwan. 2. Virginia Commonwealth University (VCU), Richmond, USA. 3. Wayne State University, Detroit, Michigan, USA.
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MBU is Signed MoU with the said Universities with a desire to provide various collaborative opportunities for faculty, post-doctoral fellows & research scholars and students such as Teaching, Learning, development of scientific or technological Research and Discovery missions, Offering joint twinning and Dual-degree programs are detailed in [Annexure - IV](#)

Decision:

The members of the Governing Body has noted the contents of the Signed MoUs and ratified the same.

3.7	To ratify and note the status of various rankings i.e., ARIIA, SII Green Ranking etc.
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1. ARIIA 2021: Sree Vidyanikethan Engineering College has been placed in "Excellent" band in Top 100.
2. SII Green Ranking 2023: Mohan Babu University has been placed in "Diamond" band in Green Ranking in top 20.

Decision:

The members of the GB has ratified and appreciated the rankings placed by the University.

3.8	To ratify and note the Change of school name from “ MB School of Paramedical and Health Sciences” to “MB School of Paramedical Allied and Health Care Sciences”.
-----	--

As per the guidelines of AP State Allied and Health Care Professional Council, it is proposed to change the name of school from “MB School of Paramedical and Health Sciences” as “MB School of Paramedical Allied and Health Care Sciences” is in shown [Annexure – V](#)

Decision:

The members of the Governing Body ratified and approved the Change of school name from “MB School of Paramedical and Health Sciences” to “MB School of Paramedical Allied and Health Care Sciences”.

3.9	To ratify and approve the Fee Structure for admission into Research Program by National and International Students.
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The Fee Structure is proposed for admission into Research Program by National & International Students is shown in [Annexure -VI](#)

Decision:

The members of the Governing Body ratified and approved the prescribed fee structure.

3.10	To ratify and note the proposal for Scribe Provision to the students who were injured resulting in disability and unable to write Examinations.
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To approve the proposal for scribe provision to the students who were injured resulting in disability and unable to write semester end examinations on his own on submission of medical certificate issued by the registered medical practitioner.

Decision:

The members of the Governing Body ratified and approved for scribe provision as recommended by the BOM.

3.11	To ratify and note the items presented by the H R Department <ol style="list-style-type: none"> 1. Faculty Appointments (New) from 22.11.2022 to till date 2. Faculty Promotions from 22.11.2022 to till date 3. Faculty transfers from SVEC to MB university from 22.11.2022 to till date
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The said items presented by the HR Department are shown in the [Annexure-VII](#)

Decision:

The members of the Governing Body ratified and approved the new appointments and promotions of various teaching and non- teaching staff.

3.12	To ratify and note the appointment of Dean, Freshman, Mohan Babu University.
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For administrative conveniences, appointed Dr. N. Gireesh, Professor of ECE as Dean - Freshman.

Decision:

The members of the Governing Body ratified the appointment of Dean-Freshman.

3.13	To ratify and note the Revised norms for allotment of Registered numbers to the students admitted in Mohan Babu University.
------	---

For allotment of Registered numbers to the students admitted in the MPT program at MBU School of Paramedical, Allied and Health Care Sciences, the existing norms are revised. Annexure – VIII

Decision:

The members of the Governing Body ratified the allotment of registered number to the students as approved by the BOM.

3.14	To ratify the procedure for admissions into various schools of MBU through APEAPCET, other Govt. CET's and MBUCET.
------	--

For the students who were qualified through various CET examinations for seeking admission into any of the courses (UG/PG) offered by Mohan Babu University, certain admissions procedures are formulated by the Admissions department which are detailed in Annexure - IX

Decision:

The formulated procedure for admissions into various courses offered by M B University is approved and ratified by the members of the Governing Body.

3.15	To ratify and approve the Fee Refund policy for Freshmen against cancellation of admission and or withdrawal from studies at any time during the academic year of admission or later.
------	---

If any student admitted to any of the Courses (UG/PG) offered by the University and who wish to cancel their admission and or withdrawal from the studies at any time during the academic year of admission or later and claiming for refund of fee paid, the university has prescribed certain policies for refund of Fee. The details are furnished in Annexure-X.

Decision:

The refund of Fee policy prescribed by the University is approved and ratified by the members of Governing Body as recommended by the BOM.

3.16	To ratify and approve the policy of sanction of scholarships to the students who have admitted into any of the Courses (UG/PG) offered by the University through MBUCET, JEE Mains, APEAPCET, etc.
------	--

The University is extended for sanction of various scholarships to the students who have admitted into any of the Courses (UG/PG) offered by the University through MBUCET, JEE Mains, APEAPCET, etc. subject to conditions, policies, rules and regulations. The details are furnished in Annexure – XI.

Decision:

The sanction of scholarship policy prescribed by the University is approved and ratified by the members of Governing Body as recommended by the BOM.

3.17	To ratify and approve the proposal for revised intake of seats and fixation of fee structure prescribed for various programs offered in Mohan Babu University for the academic year 2023-2024.
------	--

The University is proposed to revise the intake of seats and fixation fee structure prescribed for various programs for the academic year 2023-24. The details are shown in Annexure – XII.

Decision:

The proposed intake of seats and fixation fee structure prescribed by the University for various programs for the academic year 2023-24 is approved and ratified by the members of Governing Body as recommended by the BOM.

3.18	To ratify and approve the fixation of honorarium payable to External Expert Members of Research Monitoring Committee.
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The payment of honorarium @ Rs.1,500/- is fixed for an external expert member who attend Research Monitoring Committee meeting for a duration upto Three hours as detailed in Annexure – XIII.

Decision:

The members of the Governing Body ratified the fixation of remuneration as approved by the BOM.

3.19	Appraisal on Procurement of following infrastructure. <ol style="list-style-type: none"> 1. Procured and Installed 300 Desktop Systems i5, 8GB RAM for Computer Lab.. 2. Procured and Installed 30 LCD Projectors with accessories for the Teaching-Learning Processes. 3. Procured and installed 1.5 Ton ACs of 11 Nos for the Admin & HR Block and Computer Labs of MBU.
------	--

Procured and installed 300 Desktop Systems i5, 8GB RAM, 30 LCD Projectors with accessories and 11 nos of ACs with a capacity of 1.5



MOHAN BABU UNIVERSITY
SREE SAINATH NAGAR, TIRUPATI-517102

Decision:

The members of the Governing Body appreciated the procurement of Infrastructure development activities as a Development Plan.

3.20	Any other agenda item with the approval of the Chairperson. 1. Discontinuation of the Course/Program. Decision of the management to allow the student for discontinuation of the program any time after 1 st year of study.
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Decision:

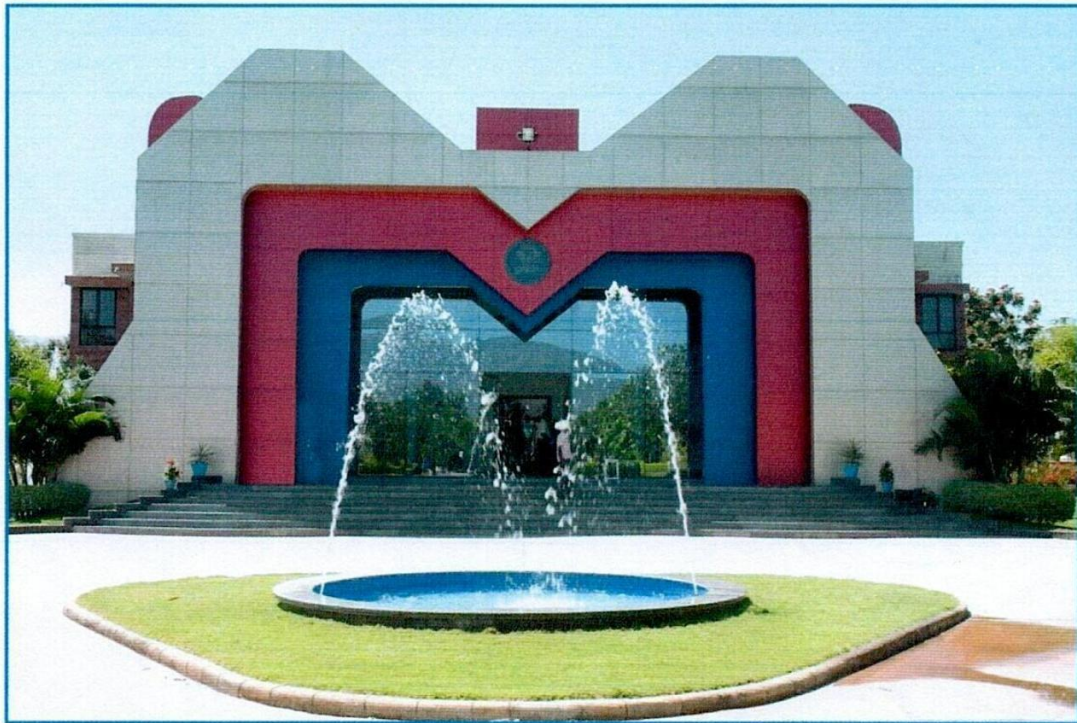
The members of Governing Body has ratified the policy on discontinuation of the Course/Program as approved by the BOM according to UGC guidelines / policy.


Dr. K. Saradhi
Registrar & Member Secretary
REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



DREAM. BELIEVE. ACHIEVE

4th Meeting of the Governing Body



MINUTES

29th July, 2023

MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati – 517 102, A.P.

(Established under Andhra Pradesh Private Universities (Establishment & Regulation) Act
2016 (Act No.3 of 2016))

REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

Minutes of the 4th Meeting of the Governing Body

Venue: MBU Campus & Blended Mode

Date & Time: 29th July, 2023, 12.00 Noon

<https://us06web.zoom.us/j/8655736544?pwd=MUNkMmw4MWNVTDVuNW1rUmE2eS82dz09>

Members Present:

S.No.	Name	Designation	Position in Board of Management	
1.	Dr. M. Mohan Babu	Chancellor	Chairperson (EX-Officio)	
2.	Sri. Vishnu Manchu	Pro Chancellor	EX-Officio Member	
3.	Prof. Nagaraj Ramrao	Vice Chancellor	EX-Officio Member	
4.	Dr. M. Maruthi	Doctor	Member	
5.	Sri. Vinay Maheswari	Group CEO, INDIA TV	Member	
6.	Dr. K. Saradhi	Registrar	EX-Officio Member Secretary	

4.1	Welcoming the members of the GB by the Chairperson (Chancellor)
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Hon'ble Chancellor welcomed all the esteemed members to the 4th meeting of the Governing Body. He asked the Vice Chancellor to take up the business of the meeting. Prof. Nagaraj Ramrao, Vice Chancellor, MBU had taken up the agenda points for discussion one by one.



4.2	Action Taken Report on the Minutes of 3 rd meeting of the Governing Body held on 31.05.2023.
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The members unanimously ratified the Action Taken Report on the Minutes of 3rd meeting of the Governing Body held on 31.05.2023.

AGENDA ITEMS FOR RATIFICATION:

4.3	To ratify the recommendations of Academic Council and approval of Board of Management for revision of Academic Calendar for III Semester of UG & PG programs and Reschedule of CIAT-I Exams.
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Decision:

The members of the Governing Body ratified the revised Academic Calendar for III Semester of UG & PG programs and Reschedule of CIAT-I Exams shown in the [Annexure - I](#).

4.4	To ratify the proposed fee of Rs.5500 USD as Fee +250 USD for registration prescribed for foreign nationals who seeks admissions into various UG programs offered by the University under NRI Category for the academic year 2023-2024.
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Decision:

The members of the Governing Body ratified the fee proposed for foreign nationals who seeks admissions into various UG programs offered by the University under NRI Category shown in the [Annexure - II](#).

4.5	To ratify and approve the revised guidelines to allot the registration numbers to the students who have admitted into B.Sc., Forensic Sciences program, School of Liberal Arts and Sciences in Mohan Babu University from the academic year 2023-2024.
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Decision:

The members of the Governing Body ratified and approved the revised guidelines to allot the registration numbers to the students who have admitted into B.Sc., Forensic Sciences program shown in the [Annexure - III](#).

4.6	To ratify the modification of subject specialization option for the B.Com. & M.B.A Programs in CAMU for the students who have admitted during academic year 2022-2023.
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Decision:

The members of the Governing Body ratified and approved the modification of subject specialization option for the B.Com. & M.B.A Programs in CAMU.

4.7	To ratify the revised intake of seats and programs offered by various Schools for the academic year 2022-2023.
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Decision:

The members of the Governing Body ratified the revised intake of seats and programs offered by various schools in the University shown in the [Annexure - IV](#).

4.8	To approve the proposal to start Certification Courses and Bachelor of Vocational program (B.Voc) in Mohan Babu University from the academic year 2023-2024.
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Decision:

The proposal to start Certification Courses and Bachelor of Vocational program (B.Voc) in Mohan Babu University from the academic year 2023-2024 is approved and ratified by the members of the Governing Body.

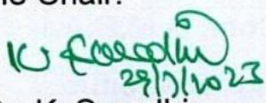
4.9	To ratify the items presented by the H R Department 1. Staff Appointments (New) from 01.06.2023 to till date 2. Staff transfers from SVEC to MB university from 01.06.2023 to till date
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Decision:

The members of the Governing Body has ratified the new appointments and Faculty transfers from SVEC to M B University.

4.10	Any other agenda with the approval of the Chairperson
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Since there are no other agenda points for discussion, the meeting ended with vote of thanks to the Chair.

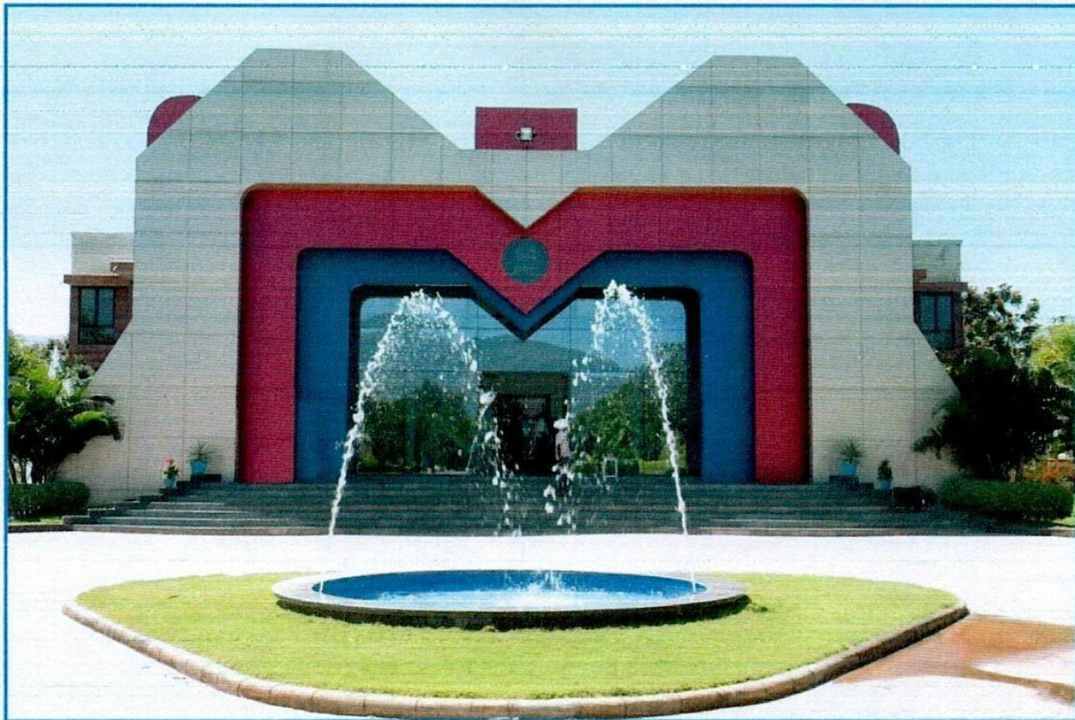

Dr. K. Saradhi
Registrar & Member Secretary

REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



DREAM. BELIEVE. ACHIEVE

5th Meeting of the Governing Body



MINUTES

04th December, 2023

MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati – 517 102, A.P.

(Established under Andhra Pradesh Private Universities (Establishment & Regulation) Act
2016 (Act No.3 of 2016))



REGISTRAR

MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

MINUTES OF 5th MEETING OF THE GOVERNING BODY

Venue: MBU Campus & Blended Mode Date & Time: 04th December, 2023 at 12.00 Noon

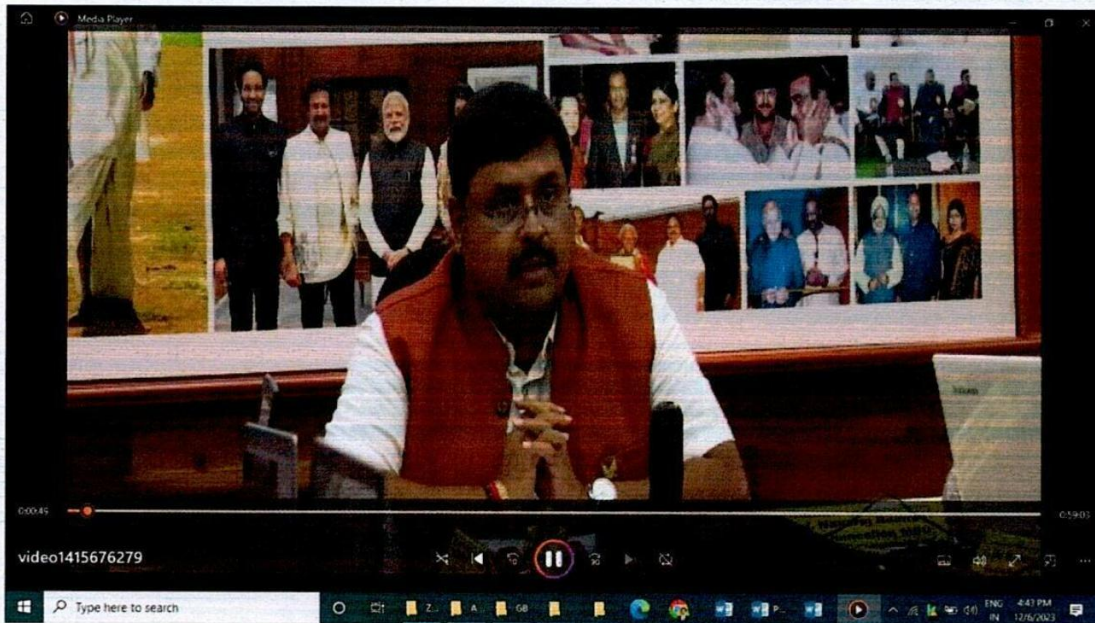
Link for Online Attendees

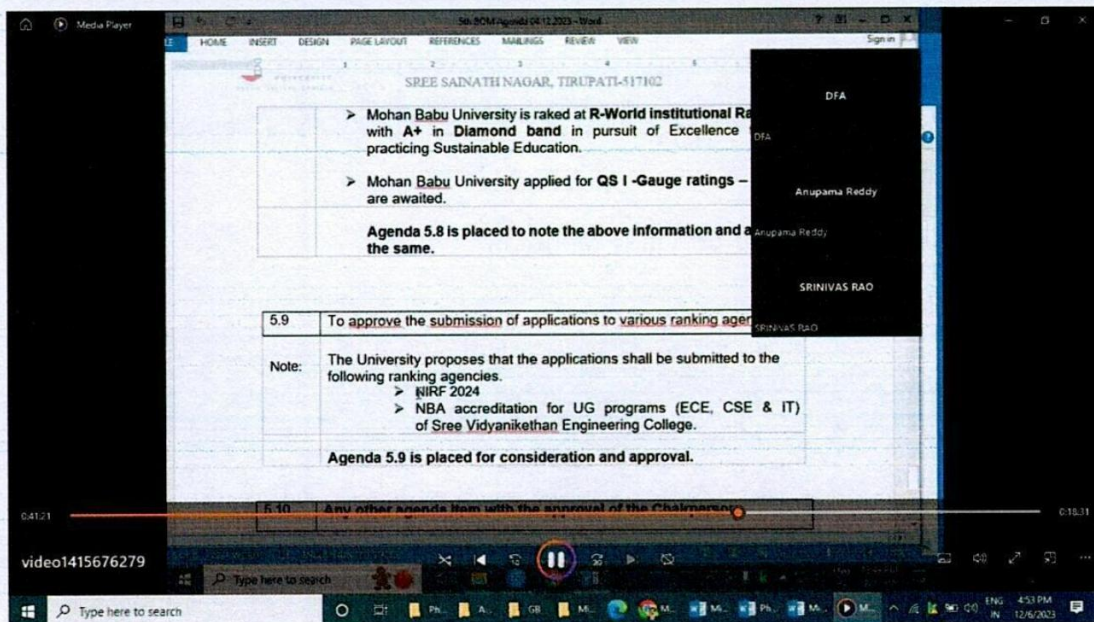
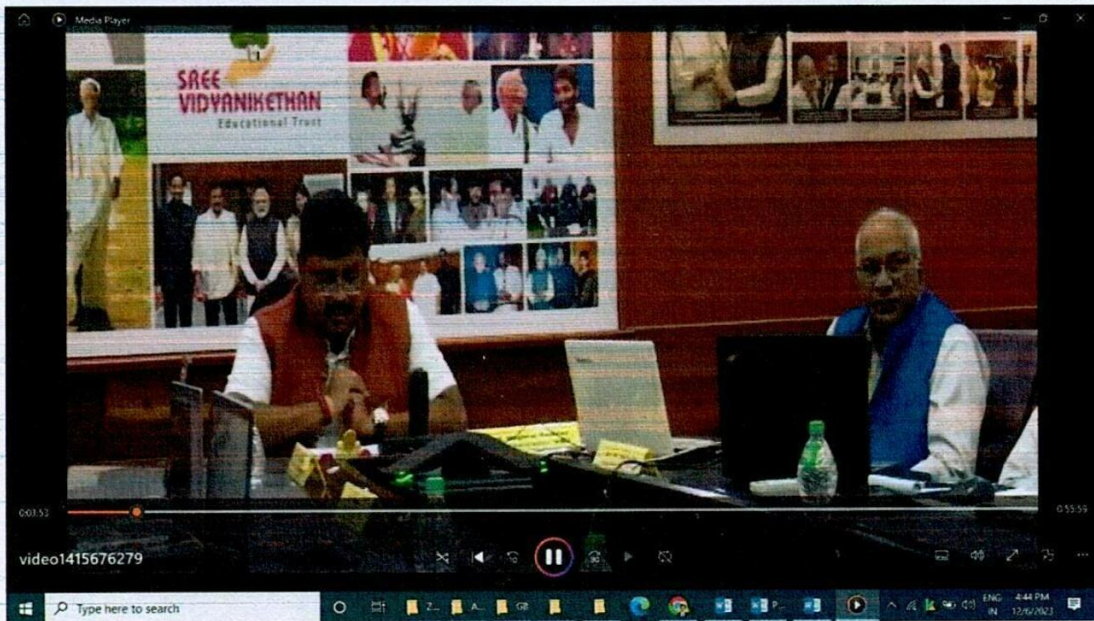
<https://us06web.zoom.us/j/8255328610?pwd=eG5VQUhLSGVHZDVZVUdTUUk3NWxGUT09&omn=81174660748>

Members Present:

S.No.	Name	Designation	Position in Board of Management
1.	Dr. M. Mohan Babu	Chancellor	Chairperson (EX-Officio)
2.	Sri. Vishnu Manchu	Pro Chancellor	EX-Officio Member
3.	Prof. Nagaraj Ramrao	Vice Chancellor	EX-Officio Member
4.	Dr. M. Maruthi	Board Member, SVET	Member
5.	Sri. Vinay Maheswari	Executive Director, SVET	Member
6.	Dr. K. Saradhi	Registrar	EX-Officio Member Secretary

Leave of absence was granted to Sri Vinay Maheswari.





5.1 Welcoming the members of the GB by the Chairperson (Chancellor)

Hon'ble Chancellor welcomed all the esteemed members to the 5th meeting of the Governing Body. He asked the Vice Chancellor to take up the business of the meeting. Prof. Nagaraj Ramrao, Vice Chancellor, MBU had taken up the agenda points for discussion one by one.

5.2	Action Taken Report on the Minutes of 4th meeting of the Governing Body held on 29.07.2023
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The members of the GB has unanimously ratified the Action Taken Report on the Minutes of 4rd meeting of the Governing Body held on 29.07.2023.

5.3	<p>To ratify the items recommended by the Academic council.</p> <ol style="list-style-type: none"> 1. Minutes of the 4th meeting of Academic Council held on 30.11.2023 – Annexure 1 2. Recommendations of Board of Studies on Course Structure, Syllabi with Course Objectives and Course Outcomes in the Boards of Studies meetings conducted during June-July 2023 - Annexure-1a 3. Additional Items to MBU22 Academic Regulations - Annexure-1b 4. Offering 4 Years UG Programs in the School of Liberal Arts & Sciences and School of Commerce and Management - Annexure-1c 5. Freshmen Induction Program for First Year 2023-24-Annexure-1d 6. Academic Calendars- Annexure-1e 7. Starting of new Programs in MBU during the Academic Year 2023 -24 -Annexure-1f 8. Syllabus for the Course "Media and Mass Communication Skills" -Annexure-1g 9. Online/Offline Internship 10. Change of Specialization of in the program of study - Annexure-1h
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Decision:

The members of the Governing Body ratified the items recommended by the Academic council and approved by the "Board of Management" are shown in the corresponding [Annexure – I](#).

5.4	<p>To ratify the items recommended by the University Research Board.</p> <ol style="list-style-type: none"> 1. Disbursement of Seed Grant for Projects of Rs. 9.75 Lakhs - Annexure- II a 2. Professional development allowance to attend National/International Conferences/FDP/Workshops/Seminars/Professional Societies Membership Fee – Annexure- II b 3. Consultancy Grant of Rs. 83.37 Lakhs – Annexure – II c 4. To approve the Ph.D Programs in the school of Agriculture, School of Pharmaceutical Sciences and Library & Information Sciences – Annexure- II d 5. To appraise the Scopus Indexed Research Publications 2023 – Annexure- II e 6. To appraise the progress of Research Programs(Ph.D.) for the A.Y.2022-23 – Annexure- II f <ol style="list-style-type: none"> a.) Progress of the Batch-I (114 Scholars) b.) Progress of the Batch-II (98 Scholars) 7. To appraise the Intellectual Property Rights (department wise - patents) - Annexure- II g
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Decision:

The members of the Governing Body ratified the said items recommended by the "University Research Board" and approved by the "Board of Management" are shown in the [Annexure – II](#).

5.5	To ratify the proposed intake of seats for the academic year 2024 - 2025.
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Decision:

The members of the Governing Body ratified the proposed intake of seats of the programs offered for the academic year 2024-2025 is shown in the [Annexure - III](#).

5.6	To ratify the following new appointments in the University.
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1. Dr. Moorthy Veerasamy – as Controller of Examinations
2. Dr. B. Sreedhar Reddy- as Dean of Accreditation
3. Dr. M. Prasad - as University Librarian

Decision:

The members of the Governing Body ratified appointments for the post of Controller of Examinations, Dean of Accreditation and University Librarian as shown in [Annexure-IV](#).

5.7	To ratify the items presented by the H R Department.
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1. Faculty Appointments (New) from 01.08.2023 to till date.
2. Non-Teaching staff Appointments (New) from 01.08.2023 to till date.
3. Permission to do Faculty appraisal those who completed one year of service by 31.12.2023.

Decision:

The new appointments of teaching and non- teaching staff made by the University and to process the Faculty appraisal is ratified by the members of the GB as shown in [Annexure -V](#).

5.8	To inform the updates on:
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1. Admission status for the A.Y 2023-24 as on 30th Nov 2023-[Annexure-VI a](#)
 - a) Admissions of B.Sc (Hons) - Horticulture.
 - b) Admissions of B.Sc-Nursing
 - c) Admissions of MPT Programs
 - d) Admissions of B.Tech – Civil Engineering
2. Academic Activities undertaken since the last BOM meeting in the AY 2023 -24
3. MOU's with Organizations.
4. Rankings and Accreditations – [Annexure-VI b](#)

5.8.1 Admission status for the A.Y 2023-24 as on 30th Nov 2023:

The total number of admissions into various programs is detailed in the [Annexure – VI a](#).

Decision:

The members of the Governing Body ratified and appreciated the admissions into various programs made by the University.

5.8.1.a Admissions of B.Sc (Hons) - Horticulture.

The admissions in B.Sc. (Hons) - Horticulture under Govt. Quota was not done by the Dr. Y S R Horticulture University and no admission made by the University for the MBU quota for the A.Y 2023-24. Hence, there are no admissions, the program is not offered for the A.Y 2023-24.

Decision:

The status of admissions into B.Sc.(Hons)-Horticulture under Govt. Quota for the A.Y. 2023-24 has been noted and ratified by the members of the GB.

5.8.1.b Admissions of B.Sc – Nursing.

B.Sc.- Nursing program was not started for the AY 2023-24, since the Govt. has not issued approval and hence, the program is not offered for the A.Y 2023-24.

Decision:

The status of starting B.Sc.-Nursing program for the A.Y.2023-24 has been noted and ratified by the members of Governing Body.

5.8.1.c Admissions of MPT Programs

No student was admitted in to MPT programs in the specialization of MPT-Neurology and MPT-Cardio Pulmonary during the A.Y 2022-23 and 2023-24. Whereas there are few admissions for MPT-Orthopedics and MPT-Sports.

Decision:

The current status of admissions into MPT programs in the said specialization during the A.Y 2022-23 and 2023-24 has been noted and ratified by the members of Governing Body.

5.8.1.d Admissions of B.Tech. - Civil Engineering

The admissions in the B.Tech.-Civil Engineering is increased nominally comparing with the last A.Y 2022-23. Hence, the program can be continued for the next A.Y 2024-25 also.

Decision:

The members of the Governing Body ratified the admissions in B.Tech.-Civil Engineering and to continue the program for the A.Y. 2024-25.

5.8.2 Academic Activities undertaken since the last BOM meeting in the AY 2023-24.

- Freshmen induction program is organized between 03rd August to 14th August and regular class work is commenced from 16th August 2023 for MBU quota Batch-I B.Tech. students and students who are admitted through MBUCET-2023 B.Tech. MBU quota.
- Freshmen induction program is organized between 09th August to 14th August and regular class work is commenced from 16th August 2023 for the students who are admitted into B.Sc, BBA, B.Com, BCA, BPT, B.Sc (Hons) Agriculture and B.Sc Paramedical programs.
- Freshmen induction program is organized between 04th September to 12th September and regular class work is commenced from 13th September 2023 for the students who are admitted into B.Tech. through APEAPCET-2023 Convener quota.

Decision:

The members of the Governing Body ratified the above Academic Activities Undertaken by the University for the Academic Year 2023-24.

5.8.3 MOU with Institutions and Industries.

The University has signed MOU with the following organizations for promoting Industry Institute interactions through consultancy activities:

- ACIC – Kalasalingam Innovation Foundation, Tamil Nadu
- COGNOGEN Private Limited (CGPL), Telangana
- Cybersecurity Centre of Excellence, Telangana
- Entrepreneurship Development Institute of India, Ahmedabad.
- INFLIBNET Centre for Shodhganga, Gandhinagar
- SkillGym (OPC) Pvt Ltd. Hyderabad
- Nerds and Geeks Pvt. Ltd., Tirupati.
- S.V. Zoo, Tirupati.

Decision:

The said MOUs made by the University with various Institutions and Industries has ratified by the members of the Governing Body.

5.8.4 Rankings and Accreditations – Annexure- VI b.

- Sree Vidyanikethan Engineering College (currently Mohan Babu University-SOE & SOC) is ranked at the band of 151-200 in NIRF-2023 and B.Tech programs of CE,EEE & ME are accredited by NBA for the period from 2023-24 to 2025-26 (3 Years).
- Mohan Babu University is ranked at **R-World institutional Rankings in Diamond Band** in the category of Mental Health Wellbeing (MHW) ranking 2023 for excellence in up keeping well-being of faculty, staff and students.
- Mohan Babu University is ranked at **R-World institutional Rankings with A+ in Diamond band** in pursuit of Excellence towards practicing Sustainable Education.
- Mohan Babu University applied for **QS I -Gauge ratings** – Results are awaited.

Decision:

The members of the Governing Body has admired the efforts of the stake holders of the University in achieving the said Rankings and Accreditations.

5.9	To approve and ratify the submission of applications to various ranking agencies
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Decision:

The members of Governing Body ratified proposal for submission of applications for ranking agencies such as:

- NIRF 2024
- NBA accreditation for UG programs (ECE, CSE & IT) of Sree Vidyanikethan Engineering College(Autonomous)

5.10	Any other agenda item with the approval of the Chairperson
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K. Saradhi
26/11/2022

Dr. K. Saradhi
Registrar & Member Secretary

REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102


BOARD OF MANAGEMENT - MINUTES OF MEETING

Name of the Meeting	Academic Year	Date of Meeting	Page Numbers for Minutes of Meeting
1 st Board of Management Meeting	2022-23	06.08.2022	1 - 23
2 nd Board of Management Meeting		26.11.2022	24 - 31
3 rd Board of Management Meeting		31.05.2023	32 - 38
4 th Board of Management Meeting		29.07.2023	39 - 43
5 th Board of Management Meeting	2023-24	04.12.2023	44 - 52

REGISTRAR
REGISTRAR
MOHAN BABU UNIVERSITY
 Sree Sainath Nagar, Tirupati
 Andhra Pradesh-517 102

1st Board of Management Meeting

Minutes

1.1	Welcome of the members by the Chairperson (Vice Chancellor), Board of Management.
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The Chairperson welcomed all the esteemed members and introduced to the board by reading out their profiles.

Members present in the meeting:

S.No.	Name	Designation	Position in the Board of Management	Attendance
1.	Prof(Dr).Nagaraj Ramrao	Vice Chancellor	Chairperson (Ex-Officio)	Present / Offline
2.	Sri. Vishnu Manchu	Pro Chancellor	Ex-Officio Member	Present / Offline
3.	Sri. S.S. Mukherji	Executive Vice Chairman, EIH Limited (The OBEROI Group)	Member	Present / online
4.	Sri. Vinay Maheswari	Group CEO, INDIA TV	Member	Present / Offline
5.	Smt. Vajayanthi Srinivasaraghavan	Associate Partner - Workforce Management at IBM	Member (Lady)	Present / Offline
6.	Prof. Sanghamitra Bandyopadhyay	Director, Indian Statistical Institute, Kolkata	Member (Lady)	Present / online
7.	Smt. Anupama Reddy	Senior Manager, Field Delivery, HP Inc., Bengaluru	Member	Present / Offline
8.	Dr. B. M. Satish	Dean, School of Engineering	Member	Present / Offline
9.	Dr. K. Ramani	Program Head, Data Science	Member (Lady)	Present / Offline
10.	Dr. R. Nesamoorthy	Registrar	Ex-Officio Member Secretary	Present / Offline

The chairperson started the meeting with the establishment of the Quorum for the meeting with following agenda points.



1st BoM & GB Meeting -offline 6th August,2022



1st BoM & GB Meeting-Online Shri S S Mukherji & Dr Sangamitra Bandopadyaya

1.2	To approve Vision, Mission statements, the common seal & logo of the University.
-----	--

Vision Statement:

To be a globally respected institution with an innovative and entrepreneurial culture that offers transformative education to advance sustainability and societal good.

Mission:

- Develop industry-focused professionals with a global perspective
- Offer academic programmes that provide transformative learning experience founded on the spirit of curiosity, innovation, and integrity
- Create confluence of research, innovation, and ideation to bring about sustainable and socially relevant enterprises
- Uphold high standards of professional ethics leading to harmonious relationship with environment and society

LOGO:



“Gryphon” is an amalgamation of lion and eagle depicts the courage and boldness. It is also used to denote strength and military courage as well as leadership with incredible strength, unflinching protective instincts, and a zero-tolerance policy against indiscipline. The colour of Red and yellow indicates the sacrifice and the presence of God and joy.

SEAL:

The Common seal of the University is designed in a round shape embossed with Mohan Babu University, Tirupati, and at the center the logo of the University is placed.




REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

Decision:

The members unanimously approved the Vision & Mission Statements and Logo & Seal of the University.

1.3	To approve the creation of various Schools, programmes to be offered and its fee structure including Examination Fee from AY-2022-23 as recommended by the AC.
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The University has proposed to start the AY-2022-23 with the following Schools namely:

1. MB School of Engineering
2. MB School of Computing
3. MB School of Liberal Arts & Science
4. MB School of Commerce & Management
5. MB School of Pharmaceutical Science
6. MB School of Paramedical & Health Sciences
7. MB School of Visual & Fine Arts
8. MB School of Media Studies
9. MB School of Agriculture
10. MB Film Academy

The various programmes and its proposed intake with the fee structure is mentioned below:

Name of the Degree	Name of the Program	Duration	Proposed Intake	Proposed Fee /Year
MB School of Engineering				
B.Tech	Civil Engineering	4	60	100000
B.Tech	Civil Engineering with Specialization in Geotechnical and Transportation Engineering	4	30	100000
B.Tech	Civil Engineering with Specialization in Structural Engineering	4	30	100000
B.Tech	Electrical and Electronics Engineering	4	120	110000
B.Tech	Electrical and Electronics Engineering with Specialization in High Voltage Engineering and Power Systems	4	30	110000
B.Tech	Electrical and Electronics Engineering with Specialization in Automotive Electronics	4	30	110000
B.Tech	Electronics and Communication Engineering	4	180	150000
B.Tech	Electronics and Communication Engineering with Specialization in Embedded Systems and IOT	4	60	150000
B.Tech	Electronics and Instrumentation Engineering	4	30	100000
B.Tech	Electronics and Instrumentation Engineering with Specialization in Biomedical Engineering	4	30	100000
B.Tech	Mechanical Engineering	4	60	110000

B.Tech	Mechanical Engineering with Specialization in Smart Manufacturing	4	30	110000
B.Tech	Mechanical Engineering with Specialization in Robotics and Automation	4	30	110000
M.Tech	Construction Technology and Management	2	18	75000
M.Tech	Electrical Power Systems	2	18	75000
M.Tech	Machine Design	2	18	75000
M.Tech	VLSI and Embedded System Design	2	18	75000
			672	
MB School of Computing				
B.Tech	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	4	240	190000
B.Tech	Computer Science and Engineering (Cyber Security)	4	240	190000
B.Tech	Computer Science and Engineering (Data Science)	4	240	190000
B.Tech	Computer Science and Engineering	4	1320	190000
B.Tech	Computer Science and Engineering with Specialization in Cloud Computing	4	60	190000
B.Tech	Computer Science and Engineering with Specialization in Full Stack Development	4	60	190000
B.Tech	Computer Science and Engineering with Specialization in DevOps	4	60	190000
B.Tech	Computer Science and Engineering with Specialization in Block Chain Technologies	4	60	190000
B.Tech	Computer Science and Information Technology	4	240	190000
M.Tech	Computer Science and Engineering	2	18	75000
M.Tech	Computer Science and Engineering (Artificial Intelligence and Data Science)	2	18	75000
M.Tech	Computer Science and Engineering (Cyber Security)	2	18	75000
			2574	
BCA	Bachelor of Computer Applications	3	60	60000
BCA	BCA with Specialization in Augmented Reality and Virtual Reality	3	60	60000
BCA	BCA with Specialization in Game and Graphic Design	3	60	60000
MCA	Master of Computer Applications	2	240	100000
MCA	MCA with Specialization in Full Stack Development	2	60	100000
			480	
			3054	
MB School of Liberal Arts and Sciences				
B.Sc	Bioinformatics	3	120	50000
B.Sc	Biotechnology	3	120	50000

B.Sc	Computer Science	3	60	50000
B.Sc	Data Science and Analytics	3	120	60000
B.Sc	Electronics	3	60	50000
B.Sc	Microbiology	3	120	50000
B.Sc	Physical Education	3	120	50000
BA	English	3	60	50000
BA	Psychology	3	60	50000
BA	Sociology	3	60	50000
M.Sc	Digital Economics	2	20	50000
M.Sc	Biotechnology	2	30	50000
M.Sc	Computer Science	2	30	50000
M.Sc	Organic Chemistry	2	30	50000
M.Sc	Data Science and Analytics	2	30	50000
MA	English	2	20	50000
			1060	
MB School of Commerce and Management				
B.Com	Computer Applications	3	120	60000
B.Com	General	3	120	50000
B.Com	Banking and Finance	3	120	50000
B.Com	Corporate Accounting and Taxation	3	120	50000
B.Sc	Economics (Economics, Statistics, Mathematics)	3	60	50000
B.Sc	Digital Economics	3	60	50000
BBA	BBA E-Commerce and Supply Chain Management	3	60	75000
BBA	BBA FinTech	3	60	75000
BBA	BBA Digital Marketing	3	60	75000
BBA	Business Analytics	3	60	75000
BBA	General	3	120	75000
BHMCT	Hotel Management and Catering Technology	3	60	90000
M.Com	General	2	30	50000
M.Com	Forensic Audit and Corporate Fraud Prevention	2	30	50000
MBA	Business Analytics	2	60	110000
MBA	International Business	2	30	110000
MBA	Logistics and Supply Chain Management	2	60	110000
MBA	Digital Transformation	2	60	110000
MBA	Marketing/HR/Finance	2	120	110000
			1410	
MB School of Media Studies				
BA	Journalism and Mass Communication	3	180	60000
BA	Journalism and Media Studies	3	60	60000
B.Sc	Visual Communication	3	120	75000
M.Sc	Visual Communication	2	30	100000

MA	JMC - Advertising PR and Corporate Communication	2	20	100000
MA	JMC - Digital Media and Multimedia Communication	2	20	100000
			430	
MB Film Academy				
BA	Film Making	3	20	100000
BA	Direction	3	20	100000
BA	Cinematography	3	20	100000
BA	Photography	3	20	100000
BA	Sound Engineering	3	20	100000
			100	
MB School of Art & Design				
BVA	Animation and VFX	3	20	80000
BPA	BA Performing Arts (Dance, Music, Theatre)	3	60	80000
BVA	BFA (Painting, Sculpture, Photography)	3	60	80000
BVA	BFA Digital Arts	3	30	80000
B.Des	Game Design	3	20	80000
			190	
MB School of Paramedical and Health Sciences				
B.Sc	Forensics Sciences	3	60	100000
B.Sc	Anaesthesia and Operation Theatre Technology	4	60	100000
B.Sc	Cardio Vascular Technology	4	60	125000
B.Sc	Clinical Nutrition, Dietetics and Food Science	4	60	100000
B.Sc	Dental Technology	4	60	100000
B.Sc	Dialysis Technology	4	60	100000
B.Sc	Emergency Medicine and Critical Care Technology	4	60	100000
B.Sc	Respiratory Therapy	4	60	125000
B.Sc	Health Psychology	4	60	100000
B.Sc	Medical Lab Technology	4	60	100000
B.Sc	Optometry	4	60	100000
B.Sc	Radiology and Imaging Technology	4	60	100000
B.Sc	Food Science and Technology	4	60	100000
BPT	Bachelor of Physiotherapy	4	60	100000
M.Sc	Clinical Research and Experimental Medicine	2	60	120000
M.Sc	Health Informatics and Analytics	2	60	120000
M.Sc	Health Psychology	2	60	90000
M.Sc	Public Health	2	60	100000
MPT	Masters In Physiotherapy (MPT)- Neurology	2	15	120000
MPT	Masters In Physiotherapy (MPT)- Cardio Pulmonary	2	15	120000
MPT	Masters In Physiotherapy (MPT)- Sports	2	15	120000

MPT	Masters In Physiotherapy (MPT)- Orthopaedics	2	15	120000
			1140	
MB School of Agriculture				
B.Sc(Hons)	Agriculture	4	240	200000
B.F.Sc	Fisheries Science	4	40	120000
B.Sc(Hons)	Forestry	4	50	80000
B.Sc(Hons)	Horticulture	4	60	150000
B.Sc(Hons)	Sericulture	4	40	150000
M.Sc	Smart Agriculture	2	30	150000
			460	
			8516	

**FEE STRUCTURE FOR RESEARCH PROGRAMMES
FROM THE ACADEMIC YEAR 2022-23.**

A. Ph.D. PROGRAMME (FULL TIME/PART TIME).

Sl. No.	Particulars	Full – Time & Part –Time (in Rs.)
1.	Application Fee	2,000/-
2.	Registration Fee	10,000/-
3.	Tuition Fee	
	a) For Candidates from Academics and Research Institutions (Per Semester)	30,000/-
	b) For Sponsored candidate from Industries (Per Semester)	50,000/-
4.	Career Guidance Fee (One Time)	1,000/-
5.	University Development Fee (One Time)	2,000/-
6.	Library Fee (One Time)	1,500/-
7.	e-Consortium (One Time)	3,000/-
8.	a) Examination Fee (Per Subject)	1,000/-
	b) Application + Marks Card Fee (Per Exam)	100/-
9.	Comprehensive Viva Fee	25,000/-
10.	Thesis Submission Fee	25,000/-
11.	Penal Fee for late submission of thesis (more than three months and less than twelve months from the date of submission of synopsis)	10,000/-
12.	Provisional Degree Certificate Fee	2,000/-
13.	Convocation Certificate Fee	2,000/-
14.	Fee for Ph.D. Defense	60,000/-

B. STIPEND FOR FULL TIME Ph.D. SCHOLARS

First Year : Rs.10,000/- per month
 Second : Rs.12,000/- per month
 Third Year : Rs.15,000/- per month

Note: Full Time Scholars shall be given academic workload of not exceeding 06 hrs /week in addition to their Regular Research work.

Proposal on EXAMINATION & OTHER FEE.

I. UG Programs

a. For each Semester-end Regular Examinations

Whole Examinations	2500
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b. For each Semester-end Supplementary Examinations

Each Subject (up to 3 subjects)	500
Four and Above Subjects	2500
Project Viva-Voce	2000

II. PG Programs

a. For each Semester-end Regular Examinations

Whole Examinations	3000
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b. For each Semester-end Supplementary Examinations

Each Subject up to 3 subjects	600
Four and Above Subjects	3000
Project Viva-Voce	2500

OTHER FEE:

S. No.	Other fee details	Fee (Rs.)
1.	Recounting	500/- Per Subject
2.	Revaluation	2,500/- Per Subject

3.	Personal Verification	3,500/- Per Subject
4.	Challenging Evaluation	10,000/- Per Subject
5.	Provisional Degree Certificate	1000/-
6.	Original Degree Certificate	3000/-
7.	Cost of per Transcript	100/-
8.	Duplicate Grade Sheet (Memorandum of Marks)	500/-
9.	Provisional Degree Certificate in Duplicate	2000/-
10.	Original Degree Certificate in Duplicate	5000/-

Decision:

The Board unanimously approved the creation of the new schools, its programmes offered along with sanctioned intake and fee.

1.4	To approve the Refund policy on Admissions	
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Withdrawal / Cancellation of Admission and Refund Policy

A. Refund Policy for the Students who took direct admission in MBU through MBUCET and wish to Cancel the Seat:

#	Timeline : Point of Time when the Notice of Withdrawal of Admission is served	Percentage of Refund of Aggregate fees
1	15 days or more before the commencement of Classes	100%
2	10 days or more before the commencement of Classes	90%
3	15 days or less after the commencement of Classes	80%
4	30 days or less after the commencement of Classes	50%
5	Cancellation after 30 days from the commencement of Classes	00%

B. Refund Policy for the Students who got admission through MBUCET and still want to participate in APEAPCET for admission into B.Tech / B.Pharm / B.Sc (Agri) through Convenor Quota and come through this process, the following are the terms and conditions.

- (i) Rs.50,000/- will be deducted towards Administrative Charges and the balance will be refunded within 30 working days from the date of submission of the Refund Request Application.
- (ii) Post Cancellation of the seat through MBUCET, all the Academic Credentials of the candidate will become NULL and VOID.
- (iii) A fresh registration has to be done by the candidate as per the admission formalities of APEAPCET.

K. Sreedhar

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Andhra Pradesh-517 102

The mem

Apart from the above, please note that an amount of 5% of Tuition Fee or Rs.5000/- whichever is less will be deducted, as processing charges from the refundable amount, for both (A) and (B) category of students as mentioned above.

Please note that an amount of 5% of Tuition Fee or Rs.5000/- whichever is less will be deducted, as processing charges from the refundable amount, for both (A) and (B) category of students as mentioned above.

The refund of money will be effected only by RTGS/NEFT.

The paperwork for refund will be initiated only on the date of receipt of the following documents in original submitted in person, to the Admission office, Mohan Babu University, Tirupati:

- All fee payment receipts
- Counseling Call Letter
- Provisional Allotment Letter (PAL)
- Cheque Leaf (Cancelled) of the bank to which transfer of money is to be done.

MBU will not be responsible for the change / misrepresentation of Bank account information, as received and confirmed by the student.

If all documents submitted for refund are in order the request will be processed within 30 working days from the date of application.

It is the sole responsibility of the candidate to submit all required documents for timely processing of refund.

Any dispute with regard to Admission, eligibility, fees, refund, etc., shall be within the legal jurisdiction of Tirupati only

Disclaimer: Candidates who have not attended the counseling are entitled neither for seat allotment nor refund of fee. In case a candidate has remitted fees through e-payment for allotment of seat and not attended the counseling, the fees paid shall be forfeited.

Decision:

The members have shared their critical views on this policy that was issued by UGC in 2018, based on the fact that the University is a self-sponsored and if any one withdrawal of admission leads to a financial loss of tuition fee of 3 to 4 years. Hon'ble Chancellor suggested that the students first of all should make up their mind before applying to MBU and even after deciding to take admission in MBU and later if any student wants to withdraw the admission let him / her donate the fee to the underprivileged students for a social cause. Many members agreed to his view and said that the Sl.no 3 to 5 in the above table to be removed, however finally it was decided that it should be legally vetted before giving effect to the refund policy. The legal consultant of the University M/s. Singhania & Co to be consulted before finalizing the policy.

1.5	To approve the appointments of Vice Chancellor, Registrar & CFAO, Vice President, Controller of Examinations, Faculty & Staff members of the University.
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The various statutory positions of the University have been appointed as per the Act & Statutes of the University.

The Vice Chancellor of the University was appointed as per the Act of the University. The Screening & Selection committee consists of Hon'ble Chancellor, sponsoring body members and external experts interviewed candidates having high academic integrity and experience and finally selected Prof (Dr) Nagaraj Ramrao, as the Vice Chancellor of the Mohan Babu University and he has assumed the charge from 1st July,2022.

Similarly, the position of Registrar also appointed as per the Act of the University.

Prof (Dr) R Nesamoorthy has appointed as Registrar of MBU and he joined on 11th August,2022.

The Deans, Controller of Examinations, HoD's, Professors, Associate Professors and Assistant Professors of the University has been transferred from the Sree Vidyanikethan Educational Institution's managed by the sponsoring body of Mohan Babu University with effect from 1st August,2022.

The selection panel consisted of the Vice Chancellor, MBU and external subject experts Dr Parag Diwan and others interviewed the candidates and accordingly recommended the names to the Board for approval of their appointments.

S.No	Name of the Faculty member	Designation
1	Dr B M Sathish	Dean- School of Engineering
2	Dr. P. V. Ramana	Dean-Academics
3	Dr. S. Hema Chandra	Dean-Accreditations
4	Dr. K. Delhi Babu	VP- Career Development Centre
5	Dr. T. Nageswara Prasad	Dean- Control and Monitoring
6	Dr. K. Saradhi	Controller of Examinations
7	Mr. R. Nagaraju	Assistant Director- VC's office

HOD's, Professor/ AsP / AP

Dr. M. Lavanya	HOD, MCA	MCA
Dr. M.S. Sujatha	HOD,ECE	ECE
Dr. K. Ramani	HOD, IT	IT
Dr. R. Satya Meher	HOD, ME	MECH.
Dr. B. Narendrakumar Rao	Program Head- AI & ML	CSE
Dr. N. Gireesh	Program Head- Data Sciences	CSE
Dr. M. Ravichand	Professor	BS&H
Dr. M. Sunil Kumar	Professor	CSE
Dr. K. Reddy Madhavi	Professor	CSE

Dr. G. Sunitha	Professor	CSE
Dr. J. Avanija	Professor	CSE
Dr. V. Anantha Natarajan	Professor	CSE
Dr. A. V. Sriharsha	Professor	CSE
Dr. K. Kannan	Professor	CSE
Dr. P. Geetha	Professor	ECE
Dr. V. V. Satyanarayana T	Professor	ECE
Dr. D. Leela Rani	Professor	ECE
Dr. V. Arun	Professor	EEE
Dr. P. Umapathi Reddy	Professor	EEE
Dr. M.S. Sujatha	Professor	EEE
Dr. N.M.G. Kumar	Professor	EEE
Dr.T.Hari Prasad	Professor	MECH.
Dr. B. Sachuthanathan	Professor	MECH.
Dr. N. Padmaja	Professor	ECE
Dr. D. Ganesh	Associate Professor	CSE
Dr. K. S. Chakradhar	Associate Professor	ECE
Dr. N. Ashok Kumar	Associate Professor	ECE
Dr. D. Suresh Babu	Associate Professor	EEE
Dr. S. Prabhu	Associate Professor	EEE
Dr. V. Jyothsna	Associate Professor	IT
Dr. V. Lokanadham Naidu	Associate Professor	IT
Dr. N. Manikandan	Associate Professor	MECH.
Dr. R. L. Krupakaran	Associate Professor	MECH.
Ms. D. Nagamalleswari	Assistant Professor	BS & H
Mr. P. Naresh Kumar Reddy	Assistant Professor	BS & H
Dr. T. Chalapathi	Assistant Professor	BS&H
Mr. M. S. Yuvaraj	Assistant Professor	CE
Mr. P. Siva Kumar	Assistant Professor	CE
Ms. G. Gnana Prasanna	Assistant Professor	CE
Mr. M. Ganesh Karthik	Assistant Professor	CSE
Mr. G. Venkatesh	Assistant Professor	CSE
Mr. R. Nagaraju	Assistant Professor	CSE
Mr. S. Prem Kumar Deepak	Assistant Professor	CSE
Ms. M. Vijayasanthi	Assistant Professor	CSE
Mr. P. YOGENDRA PRASAD	Assistant Professor	CSSE
Dr. E. Sophiya	Assistant Professor	CSSE
Ms. M. Bharathi	Assistant Professor	ECE
Ms. H.D. Praveena	Assistant Professor	ECE
Ms. K. Neelima	Assistant Professor	ECE
Mr. M. Venkatanaresh	Assistant Professor	ECE
Mr. C. Venkata Sudhakar	Assistant Professor	ECE
Mr. M. Balaji	Assistant Professor	ECE
Ms. P. G. Mamatha	Assistant Professor	ECE

Dr. K. Leleedhar Rao	Assistant Professor	EEE
Mr. G. Ravindra	Assistant Professor	EEE
Mr. B. Hemanth Kumar	Assistant Professor	EEE
Mr. K. Manikandan	Assistant Professor	EEE
Mr. C. Somasundar Reddy	Assistant Professor	EIE
Ms. N. Harathi	Assistant Professor	EIE
Ms. N. P. Dharani	Assistant Professor	EIE
Ms. Ch. Prathima	Assistant Professor	IT
Ms. C. Silpa	Assistant Professor	IT
Mr. Ch. Sreenu Babu	Assistant Professor	IT
Mr. Jagdeesh Kumar G	Assistant Professor	MCA
Mr. T. Kosaleswara Reddy	Assistant Professor	EEE
Mr. G. M. Chanakya	Assistant Professor	IT
Ms. P. Theja Sree	Assistant Professor	MECH.
Dr. B. Vishnu Vardhana Naidu	Assistant Professor	MECH.
Ms. K. Lakshmi Kala	Assistant Professor	MECH.
Dr. B. Reddappa	Assistant Professor SL	BS&H
Dr. K. Kumaraswamy Naidu	Assistant Professor SL	BS&H
Dr. Y. B. Kishore Kumar	Assistant Professor SL	BS&H
Mr. D. Raghurami Reddy	Asst. Professor (SL)	MECH.

Decision:

The board approved the above appointments and recruitments.

1.6	To approve the HR Policy and Service Rules
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The HR policy & Service rules of the University shall be prepared and put up to the board for consideration in the next meeting.

Decision:

Noted by the board with deferment to the next meeting.

1.7	To recommend the budget to the Governing Body for approval
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The tentative budget for the FY 2022-23 proposed is as follows:

TENTATIVE UNIVERSITY BUDGET-FY-2022-23

Rupess in Lakhs	
RECEIPTS AND PAYMENTS	
PARTICULARS	2022-23
<u>INCOME</u>	
FEES FROM STUDENTS	8,648.86
MISC INCOME	230.00
TOTAL	8,878.86
<u>1. RECURRING EXPENDITURE</u>	
SALARIES AND ALLOWANCES	3,802.61
ELECTRICITY & DG MAINT	150.00
REPAIRS & MAINTENANCE	55.00
VEHICLE MAINT	60.00
LABS MAINT	31.25
MESS MAINT (55% of Hostel fee)	1,086.72
ADMINISTRATION & OTHERS (17.50% on Income)	1,553.80
MISC. EXPENSES	11.00
INTEREST & FINANCE CHARGES	0.00
DEPRECIATION	2,260.25
Sub Total	9,010.63
GROSS SURPLUS /DEFICIT	-131.77
<u>CASH FLOW</u>	
Opening Balance:	0.00
<u>CASH IN</u>	
Current Year Surplus/Deficit After Depreciation	-131.77
Add Depreciation	2,260.25
CASH GENERATION	2,128.48

Add:	
PROMOTORS CONTRIBUTION (Promoters share on Project cost - Internal revenue generation)	2,211.52
TERM LOAN FROM BANKS (75%)	13,020.00
TOTAL	17,360.00
<u>CASH OUT</u>	
Capital Expenditure	17,360.00
Term Loans Repayment	0.00
Others (Endowment Fund)	0.00
TOTAL	17,360.00
CUMULATIVE CASH SURPLUS / DEFICIT	0.00

Decision:

The above tentative budget was recommended to the Governing Body for approval.

1.8	To approve the First ordinances of the University to be submitted to the state Govt. for its consideration and Gazette notification.
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The 1st Ordinances of the University is prepared as per the section 29 of the Act and the following are for the consideration and approval by the Board.

- 1.0. Establishment of Faculties/Schools/ Centre of Excellence in the University
- 2.0. Curriculum Design, Development and Review
- 3.0. Examination management and Control
- 4.0. Enrolment Management
- 5.0. Management of Student affairs
- 6.0. Career Services & Placement Management
- 7.0. Financial Management of the University
- 8.0. Infrastructure and Administrative Management
- 9.0. Quality Management
- 10.0. Establishment of Research & Consulting Division
- 11.0. Collaboration Partnerships & Articulation Management
- 12.0. Establishment of International division


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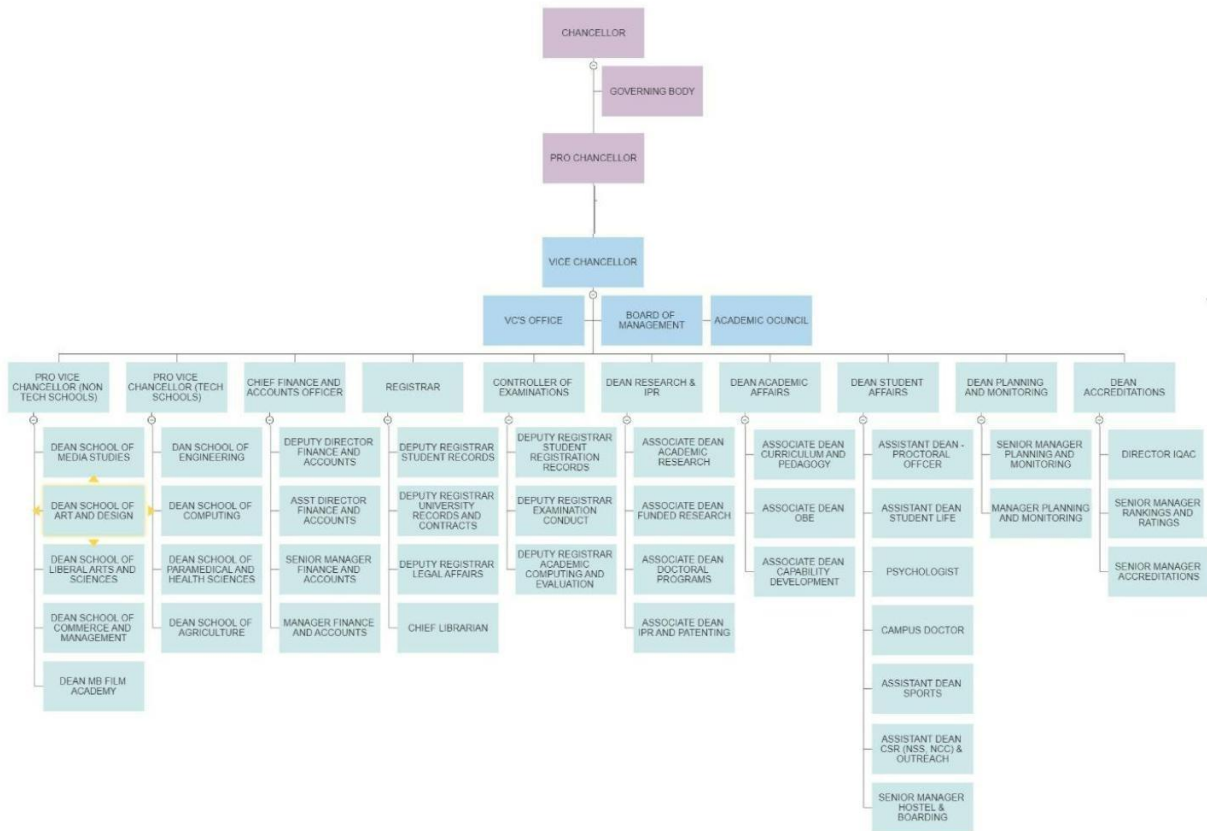
- 13.0. Human Resource Management
- 14.0. Fostering Innovation, Incubation and Entrepreneurship
- 15.0. Resource Mobilisation and Fundraising Procedures
- 16.0. Information Technology.

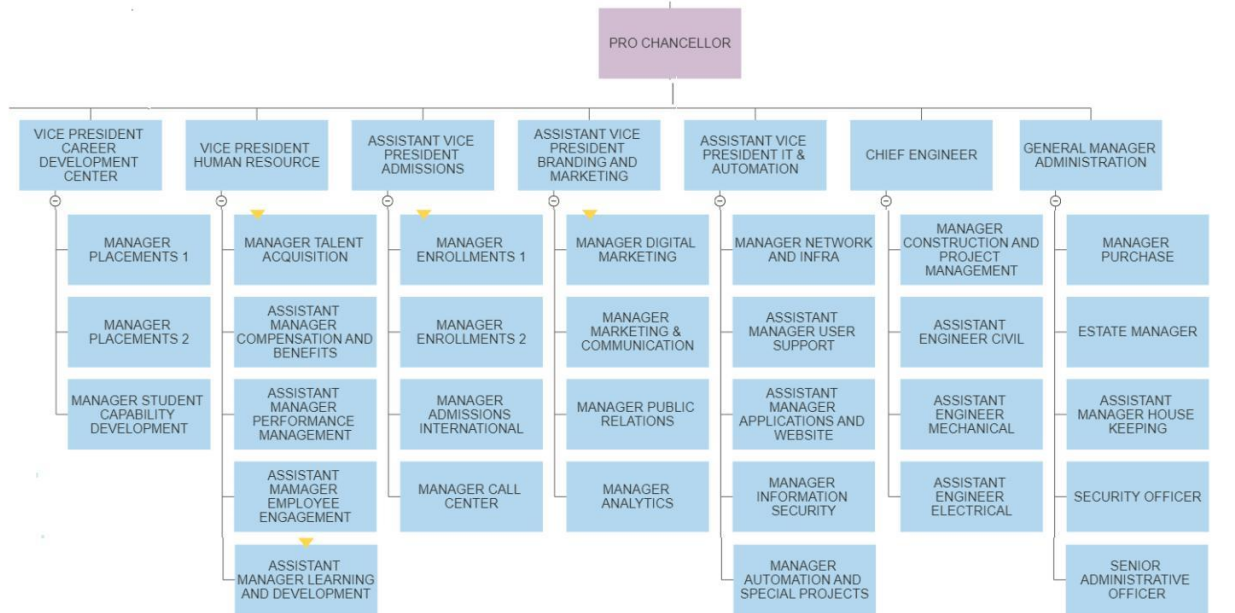
The details of each Ordinance is available in the **Annexure-A**

Decision:

The First Ordinances of the University Unanimously approved by the Board for the submission to the Andhra Pradesh Govt. for approval.

1.9	To recommend the organization structure & manpower requirements for AY-2022-23 to the Governing Body for approval.
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Decision:

The above organization structure is approved by the board.

1.10	To recommend the Institutional Development Plan (IDP) to be prepared and to be presented in the next meeting to the Governing Body for approval as mandated by (NEP)
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The detailed plan shall be submitted in the next meeting however; few brief points are as follows:

The University will work out the time bound strategies to enhance for the green campus initiatives. These strategies shall be incorporated into the institutional planning and budgeting processes with the aim of developing a clean and green campus. Some of the facilities available in the existing campus and the strategies that will be followed to achieve the above objectives are:

- a) Infrastructure development: Creating structures and using processes that are resource-efficient and environmentally responsible.
- b) Solar Power Generation: Solar Power panels are installed on roof tops of all buildings to generate 24x7 power supplies.
- c) Energy efficient systems: Electric appliances such as air conditioners, refrigerators, LED bulbs and LED light fittings with high star rating are installed to reduce the power consumption

d) Rainwater Harvesting:

Campus is sufficiently equipped with sustainable rain water harvesting systems.

The stored rainwater is used for gardening and construction.

The internal pavements and open spaces are laid with porous/permeable concrete paver tiles separated by joints for allowing rainwater to infiltrate.

Landscape is maintained such that each and every drop of rainwater is collected and drained into rainwater harvesting systems.

e) Solid Waste Management:

Adequate number of dustbins at each building and along the road side are provided.

Food waste generated in canteens and messes is being used for bio manure preparation

Recyclable materials such as plastics, glass, steel, tin cans, paper and cardboards are segregated under dry condition

Construction waste generated in the form of broken bricks, dismantled walls and concrete structures which are deteriorated is being used for land filling on the campus

f) E-waste management: Hazardous waste in the form of spent batteries, discarded electronic and computer components is being disposed as per the standards and norms of e waste management

g) Liquid waste management:

Wastewater generated from wash rooms, toilets of all buildings, canteen and messes is being collected and transported by means of well-conceived sewerage system to sewage treatment plants. The treated water is used for the gardening the lawns on campus

The existing campus has a Reverse Osmosis (RO) systems for providing clean and safe drinking water to all the inmates on the campus

h) Other green practices:

The entire campus is maintained with a rich collection of trees and plants.

The landscaping is made to bring aesthetic sense and ambience to the campus.

Automation of the entire academic and administrative practices shall be undertaken to reduce the use of paper

Members of the faculty and staff are encouraged to do vehicle pooling to reduce the vehicular usage and pollution.

Vehicles are parked in designated parking lots away from the academic buildings to reduce the sound and air pollution

Electric cars are made available on campus for the movement of people on campus

Different types of dustbins are provided on campus to collect the plastic for careful disposal and awareness programs are conducted to reduce the use of plastics.

Accreditation:

At present the flagship institution under Sree Vidyanikethan Educational Trust(SVET) namely Sree Vidyanikethan Engineering College (SVEC) has obtained NBA Accreditation for all its programs and also NAAC Accreditation with “A” Grade during 2021-25.

The Mohan Babu University will strive to obtain International Accreditation like ABET as per eligibility. The proposed University shall also approach national and international agencies for assessment of eco-friendly practices adopted.

Decision:

Noted by the board /deferred to the next meeting.

1.11	<p>To inform the following</p> <ul style="list-style-type: none"> a) Status on the MB School of Pharmacy & School of Nursing b) Admission status. c) Academic Session-2022-23
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a) Status on MB School of Pharmacy & School of Nursing:

School of Pharmacy:

Initially it was decided to change the existing School of Pharmacy under SVI's to MB School of Pharmacy, the last date to apply through online was 24th December, 2021, but at that time the University notification was not issued by the AP Govt. and hence we could not apply.

Now the portal will open in Nov-Dec-22 only for all new institutions to apply for the change of name.

It is now decided that the existing School will still function under the affiliating University of JNTUA and continue and at the same time as and when the online portal of PCI opens MBU shall submit an application to start a separate school in MBU.

School of Nursing:

As per the regulations and information gathered from the university and state nursing council, No objection or essentiality certificate is required to start, and then affiliation and approvals are required from the Andhra Pradesh Nurse and Midwife Council (APNMC) and Indian Nursing Council which consumes around 6-10 months of time.

The existing college SVCN cannot be transferred from Dr. NTRUHS to MBU University as per the regulations of Dr. NTRUHS.

Due to this reason, Nursing College could not be established in the year 2022-2023

b) Admission Status as on 2nd August

Programme Name	Admitted
B.Tech (CSC)	316
B.Tech(CS AI&ML)	183
B.Tech (Cyber Security)	18
B.Tech (Data Science)	80
B.Tech (IT)	03
B.Tech(Cloud Computing)	05
B.Tech (Full Stack Dev)	05
B.Tech (ECE)	27
B.Com	07
BCom(B&F)	02
B.Pharmacy	03
B.Sc(Bio Tech)	01
B.Sc(Economics, Math's)	01
B.Sc (Electronics)	01
B.Sc(Emergency & Critical Care)	01
B.Sc(Microbiology)	02
B.Sc(Agri)	01
B.Sc(CS)	08
BBA	08
BA (Eng)	01
BCA	63
MBA	02
M.Pharmacy	02

- c) The Academic Session of AY 2022-23 has started with Freshmen Induction Programme on 15th July,2022 followed by an orientation session till 30th July, 2022.

The class work for B.Tech CSE students have started from 1st August,2022.


Decision:

Noted by the Board.

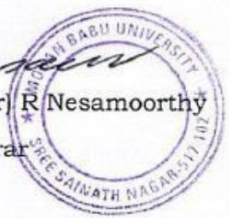
1.12	Any other agenda with the approval of the Chairperson
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It is strongly felt by the Pro Chancellor and other members that the introduction of one Credit course on “**Basic Agriculture**” to all the students of 1st Year compulsorily irrespective of their course of study.

Since there is no other agenda to be discussed, the meeting ended with vote of thanks to the Chair.



Prof(Dr) R Nesamoorthy
Registrar

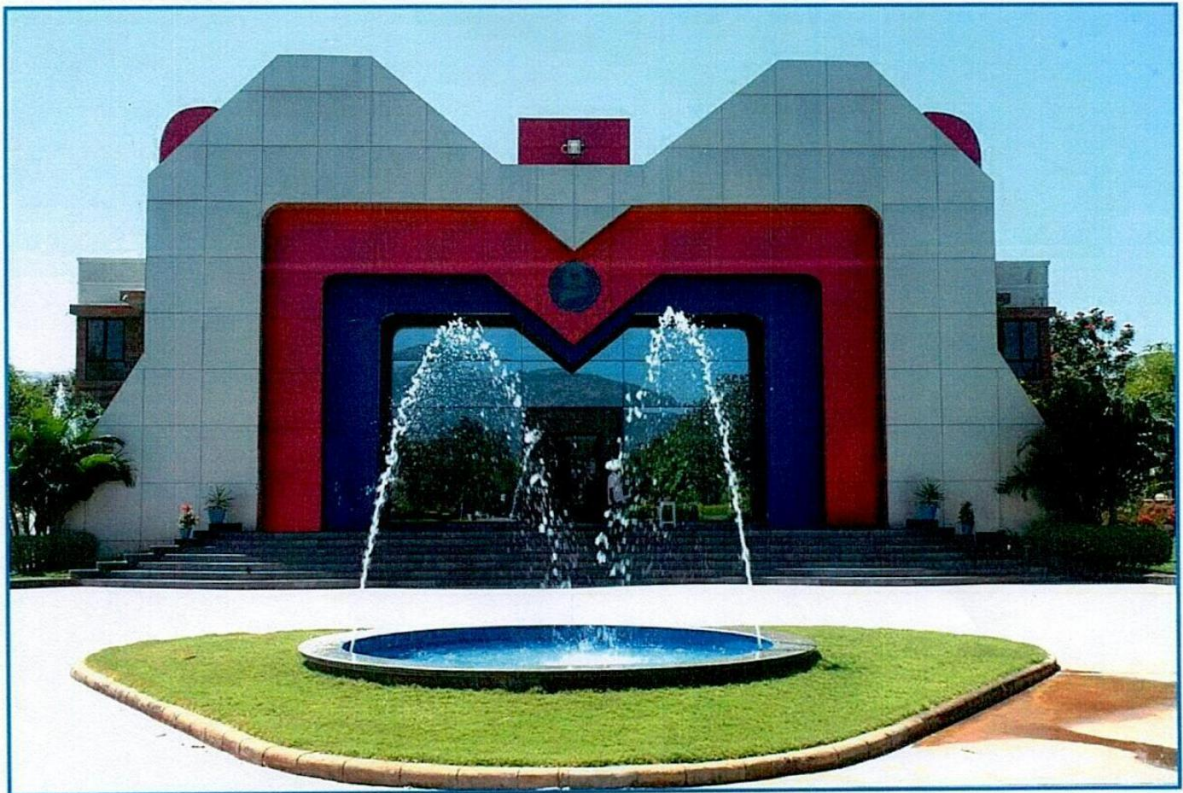


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DREAM. BELIEVE. ACHIEVE

2nd Meeting of the Board of Management



MINUTES

26th November, 2022

MOHAN BABU UNIVERSITY

SreeSainath Nagar, Tirupati – 517 102, A.P.
(Established under Andhra Pradesh Private Universities (Establishment & Regulation) Act
2016 (Act No.3 of 2016))


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Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

Minutes of the 2nd Meeting of the Board of Management

Venue: MBU Campus & Blended Mode

Date & Time: 26th Nov, 2022, 10.00am

1.0	Welcoming the members of the BOM by the Chairperson
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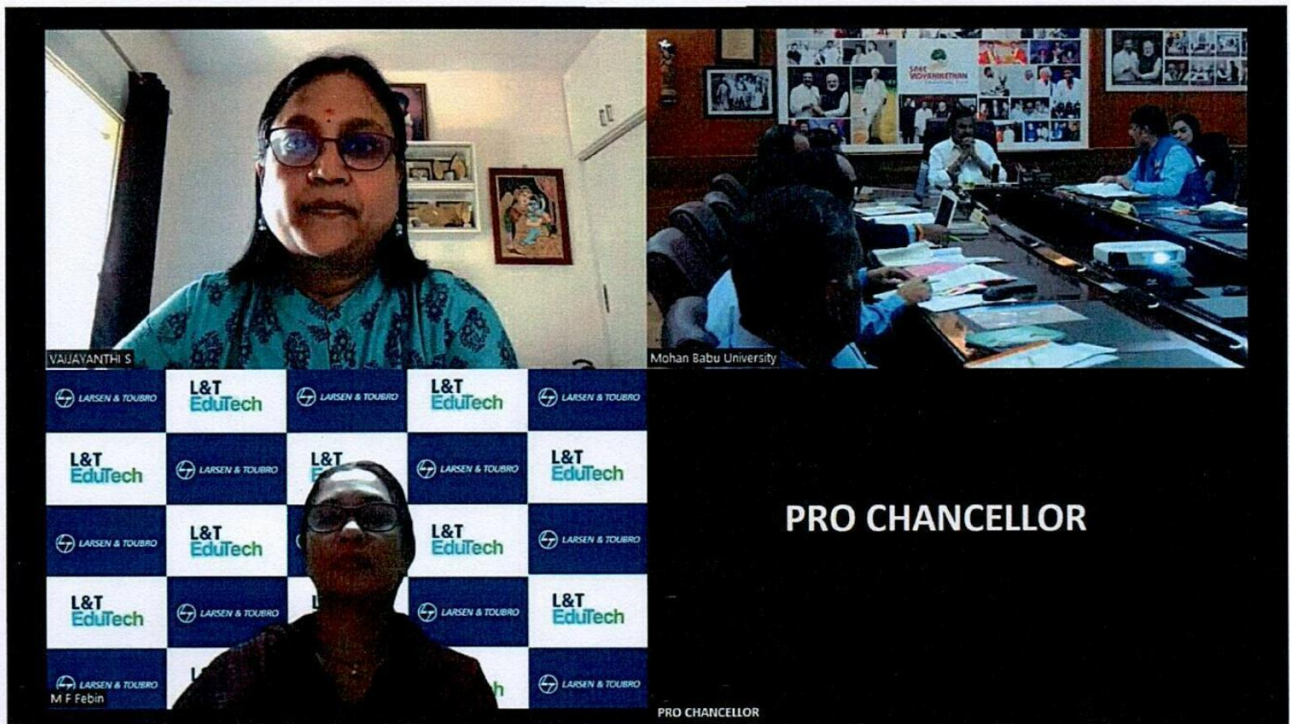
Welcome of all the esteemed members of the Board by the Chair for the 2nd BOM meeting

S.No.	Name	Designation	Position in Board of Management
1.	Prof. Nagaraj Ramrao	Vice Chancellor	Chairperson (EX-Officio)
2.	Sri. Vishnu Manchu	Pro Chancellor	EX-Officio Member
3.	Sri. S.S. Mukherji	Executive Vice Chairman, EIH Limited (The OBEROI Group)	Member
4.	Sri. Vinay Maheswari	Group CEO, INDIA TV	Member
5.	Smt. Vaijyanthi Srinivasaraghavan	Associate Partner - Workforce Management at IBM	Member (Lady)
6.	Prof. Sanghamitra Bandyopadhyay	Director, Indian Statistical Institute, Kolkata	Member (Lady)
7.	Smt. Anupama Reddy	Senior Manager, Field Delivery, HP Inc., Bengaluru	Member
8.	Smt. F.M. Febin	Head – College connect Business Larson & Toubro Limited – L & T Edu Tech, Chennai	Member (Lady)
9.	Dr. B. M. Satish	Dean, School of Engineering	Member
10.	Dr. K. Ramani	Program Head, Data Science	Member (Lady)
11.	Dr. K. Saradhi	Registrar	EX-Officio Member Secretary

Leave of absence was granted to Sri. S.S. Mukherji & Prof Sanghamitra Bandyopadhyay.

The chairperson welcomed all the esteemed members of Board of Management and also introduced Smt. M.F. Febin. Head – College connect Business, Larson & Toubro Limited – L & T Edu Tech, Chennai who has been nominated to the BOM with effect from 21.11.2022 and started the meeting with the establishment of the Quorum for the meeting with the following agenda points.





2st BOM Meeting – Online/Offline 26th November, 2022

2.0	Action Taken Report on the Minutes of 1 st meeting of the Board of Management held on 06-08-2022.
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The members unanimously ratified the Action Taken Report on the Minutes of 1st meeting of the Board of Management held on 06-08-2022.

Smt. Anupama Reddy asked about the curriculum framework for the Basic Agriculture course to be introduced in the 2nd semester of the course of study. Hon'ble Chairperson of the Board will present the curriculum framework for the same in the next BOM meeting.

3.0	To approve the revised intake and programs offered by various schools for the AY-2022-23
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The revised intake and programs offered by various schools are shown in the ANNEXURE-I for the AY 2022-23 is ratified and approved by the members of the BOM.

4.0	To approve the new appointments of Registrar, Faculty and Non-Teaching members of the University.
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The members of the BOM congratulated Dr K Saradhi who is appointed as the new Registrar of Mohan Babu University w.e.f 10th November 2022.

Also, the members of the BOM noted the new appointments of various teaching and non-teaching staff in the Mohan Babu University shown in the are shown in the ANNEXURE-II and ratified the same.

5.0	<p>To approve the items recommended by the Academic council.</p> <ol style="list-style-type: none"> 1. Vision and Mission of School of Commerce and Management; and School of Liberal Arts and Sciences. 2. Recommendations of 2nd Combined Boards of Studies Meeting and Individual Boards of Studies Meetings for the School of Commerce and Management; and School of Liberal Arts and Sciences held on 20th August 2022. 3. Amendment to the MBU22 Regulations with regard to Grading System. 4. Signed MoU with Coursera to offer courses through MOOC. 5. Signed MoU with University of Wisconsin-Madison, USA for credit transfer and joint certification Programs.
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The members of the BOM ratified the recommendations made in the ANNEXURE-III by the Academic Council.

Sri VinayMaheswari suggested to explore the offering of various degree programs through Online University. Hon'ble Chairperson of the Board informed the members that the University is eligible to offer on-linedegree programs and are awaiting for the university to get listed in the private universities category with UGC.

Hon'ble Chairperson of the board informed the members that an Edtech platform with 50 MOOC courses prepared by the senior faculty of the MBU will be made available for the Academic Year 2023-24.

6.0	<p>To approve the items recommended by the University Research Board (URB)</p> <ol style="list-style-type: none">1. To approve the policy on Research Promotion – <u>ANNEXURE IV.1</u>2. To approve the policy on consultancy assignments – <u>ANNEXURE IV.2</u>3. To approve the policy on MS Engg by Research – <u>ANNEXURE IV.3</u>4. To approve the policy on Post-Doctoral Fellowship Programme – <u>ANNEXURE IV.4</u>5. To approve the regulations governing programs leading to the award of the degree of doctor of philosophy (Ph.D) – <u>ANNEXURE IV.5</u>6. To approve the research scholar admissions into Ph.D program under various specializations – <u>ANNEXURE IV.6</u>7. To note the status of Paper publications by the faculty – <u>ANNEXURE IV.7</u>
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The Hon'ble members of the BOM approved and ratified the recommendations and the information (shown in the corresponding Annexures listed above)submitted by the "University Research Board (URB)" in its 1st meeting held on 21st November 2022.

7.0	To approve the starting of New Schools in Mohan Babu University for the A.Y 2023-24
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The Hon'ble members of the BOM approved to start the "School of Law" and "School of Nursing" in MBU from the Academic Year 2023-24.

8.0	To approve the merging of "SreeVidyanikethan College of Pharmacy" into Mohan Babu University as "School of Pharmaceutical Sciences" from the Academic Year 2023-24 .
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The Hon'ble members of the BOM approved to merge "SreeVidyanikethan College of Pharmacy" into Mohan Babu University as "School of Pharmaceutical Sciences" from the Academic Year 2023-24.

9.0	To note the various Infrastructure development activities at the University campus and to approve the proposed Infrastructure Development Plan.
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The members of the BOM noted the proposed development plan for the Infrastructure. Sri VinayMaheswari informed the members that the plan proposed in the ANNEXURE-Vis taken up and the execution and fund allocation will be done basis the priority of the activity.

10.0	To inform the updates on: <ol style="list-style-type: none">1. Admission status for the A.Y 2022-23 as on 19th Nov 2022.2. Academic Activities undertaken since the last BOM meeting in the AY 2022-23.3. MOU's with Universities and Industries.4. Campus automation through CAMU ERP.5. Rankings and Accreditations.
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10.0.1 Admission status for the A.Y 2022-23 as on 19th Nov 2022:

The members of the BOM ratified the admissions made in MBU as shown in the ANNEXURE-VI. Hon'ble Chairperson of the BOM informed the members that a strategic plan to be adopted for getting good admissions in non-computer science programs for the AY 2023-24. Also he emphasized on the strategy for 2023-24 for filling up of seats in Allied Health Science programs, Law, Agriculture for which the members suggested to market the programs utilizing the Industry tie-ups and also the focus markets for specific programs.

Hon'ble Chairperson informed the Assistant Vice President, Admissions for devising a strategic plan to get International students on campus for the AY 2023-24

Sri VinayMaheswari informed the Hon'ble Chairperson to arrange for a deliberation session with various stake holders to discuss on the strategies for improving core engineering admissions.

10.0.2 Academic Activities undertaken since the last BOM meeting in the AY 2022-23:

The members of the BOM noted the academic activities happened so far. Hon'ble Chairperson of the BOM informed the members that Classwork for School of Paramedical and Health Sciences & School of Agriculture will commence in the month of December 2022 as the Govt counseling process is ongoing.

10.0.3 MOU with Universities and Industries:

The members of the BOM approved and ratified the various MOUs made with Industries and Foreign Universities.

10.0.4 Campus automation through CAMU ERP:

The members of the BOM approved the CAMU ERP Implementation for the Academic and Administration Automation of the University.

10.0.5 Rankings and Accreditations

The members of the BOM applauded the efforts of the stake holders of the University in achieving good NIRF rank and NAAC A+ Accreditation.

11.0	To approve the Rates of Remuneration for the examiners involved in the Examination and Evaluation activities.
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The members of the BOM approved the rates of remuneration listed in the ANNEXURE-VII for the examiners.

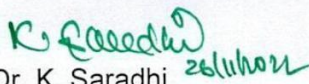
12.0	To approve the submission of applications to various ranking agencies.
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The members of the BOM approved to submit the applications to NIRF 2023 in the name of SreeVidyanikethan Engineering College and to QSIGUAGE in the name of Mohan Babu University.

13.0	Any other agenda with the approval of the Chairperson
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Smt. Anupama Reddy emphasized on the marketing strategies to be adopted for better promotion of the University and its activities on the Social media platforms.

Sri VinayMaheswari informed the members of the action plan being prepared for building the brand as MBU, marketing various programs through ATL, BTL and TTL initiatives and various sales initiatives for specific programs.


Dr. K. Saradhi

Registrar & Member Secretary

REGISTRAR
MOHAN BABU UNIVERSITY
MBU/BOM/MAA/Tirupati
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



DREAM. BELIEVE. ACHIEVE

3rd Meeting of the Board of Management



MINUTES

31st May, 2023

MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati – 517 102, A.P.
(Established under Andhra Pradesh Private Universities (Establishment & Regulation) Act
2016 (Act No.3 of 2016))


REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

Minutes of the 3rd Meeting of the Board of Management

Venue: MBU Campus & Blended Mode

Date & Time: 31st May 2023, 11.00AM

<https://us06web.zoom.us/j/5889075146?pwd=a2t4N3MrK1FBeVdub2s3NmZiZiRUQT09>

Members Present:

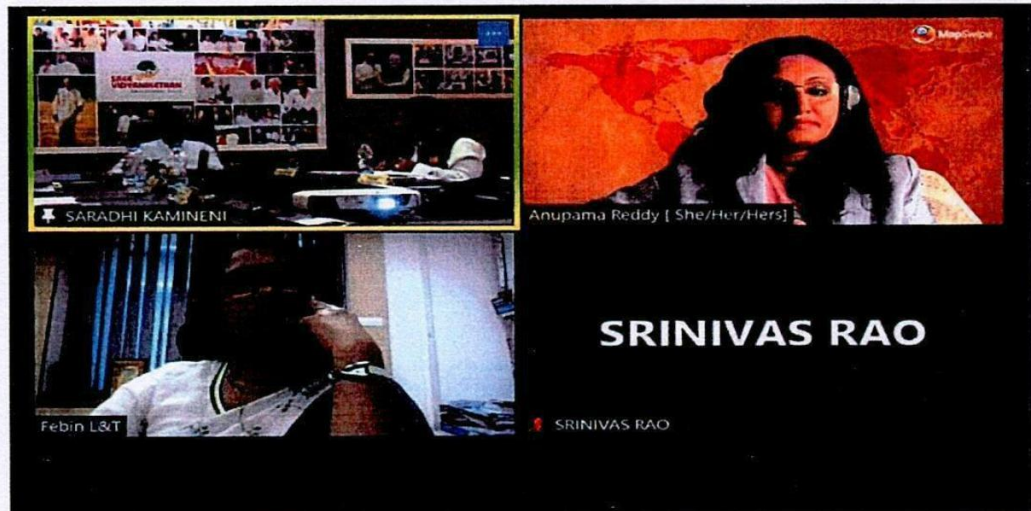
S.No.	Name	Designation	Position in Board of Management
1.	Prof. Nagaraj Ramrao	Vice Chancellor	Chairperson (EX-Officio)
2.	Sri. Vishnu Manchu	Pro Chancellor	EX-Officio Member
3.	Sri. S.S. Mukherji	Executive Vice Chairman EIH Limited(The OBEROI Group)	Member
4.	Sri. Vinay Maheswari	Executive Director, SVET	Member
5.	Smt. Vijayanthi Srinivasaraghavan	Associate Partner Workforce Management at IBM	Member (Lady)
6.	Prof. Sanghamitra Bandyopadhyay	Director Indian Statistical Institute, Kolkata	Member (Lady)
7.	Smt. Anupama Reddy	Senior Manager, Field Delivery, HP Inc., Bengaluru	Member
8.	Smt. F.M. Febin	Head-College connect Business Larson & Toubro Limited L & T Edu Tech, Chennai	Member (Lady)
9.	Dr. B. M. Satish	Dean, School of Engineering	Member
10.	Dr. K. Ramani	Program Head, Data Science	Member (Lady)
11.	Dr. K. Saradhi	Registrar	EX-Officio Member Secretary

Leave of absence was granted to Sri Vinay Maheswari and Prof. Sanghamitra Bandyopadhyay.

3.1	Welcoming the members of the Board of Management by the Chairperson
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The chairperson welcomed all the esteemed members of Board of Management and started the meeting with the establishment of the Quorum for the meeting with the following agenda points.


REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



3.2	Action Taken Report on the Minutes of 2 nd meeting of the Board of Management held on 26-11-2022.
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The members unanimously Approved the Action Taken Report on the Minutes of 2nd meeting of the Board of Management held on 26.11.2022.

3.3	Proposal whether to continue admissions in Civil Engineering branch for the Academic Year - 2023-24.
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The members of BOM has advised to retain the admissions in Civil Engineering Branch for the academic year 2023-24 also as per the intake of last Academic Year (i.e 2022-23)

3.4	To approve the Proposed/Revised rates of remuneration for the examiners: <ol style="list-style-type: none"> 1. Valuation of Answer Scripts of Semester-end Examinations (For Internal Examiners) 2. Valuation of Answer Scripts of Semester-end Examinations (For External Examiners) 3. Proposed Fee for condonation of shortage of Attendance 4. Proposed Fee for late registration of Semester end Examinations.
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The members of the BOM were differed the proposal made under sl.no's 1 & 2 and approved the proposals made under sl.no's. 3 & 4 as detailed in the Annexure – II.

3.5	To approve the items recommended by the Academic council. <ul style="list-style-type: none"> ❖ Vision and Mission of Paramedical Sciences and Agriculture (<u>Annexure-3.5a</u>) ❖ BOS Meeting of Department of Paramedical Sciences (<u>Annexure-3.5b</u>). ❖ BOS Meeting of Department of Physiotherapy (<u>Annexure-3.5c</u>). ❖ BOS Meeting of School of Agriculture (<u>Annexure-3.5d</u>). ❖ Ratification of Start of New B.Tech. Programs in Collaboration with industry (<u>Annexure-3.5e</u>) ❖ Revised and Addition of Departments Codes for Course Coding (<u>Annexure-3.5f</u>). ❖ Academic Calendars I-Semester (<u>Annexure-3.5g</u>). ❖ Academic Calendars II-Semester (<u>Annexure-3.5h</u>). ❖ Amendment to the MBU22 Regulations (<u>Annexure-3.5i</u>) ❖ Signed MoU with RWTH Aachen University, Germany for various collaborative activities (<u>Annexure-3.5j</u>) ❖ Amendment to the MBU22 Regulations for School of Agriculture(<u>Annexure-3.5k</u>).
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The members of the BOM has approved the recommendations made by the Academic Council as listed in the ANNEXURE – III



MOHAN BABU UNIVERSITY
SREE SAINATH NAGAR, TIRUPATI-517102

3.6	To approve the MoUs signed by the Mohan Babu University with the following Universities. 1. Asia University, Taiwan 2. Virginia Commonwealth University (VCU), Richmond, USA. 3. Wayne State University, Detroit, Michigan, USA
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The members of the BOM has approved and appreciated the recommendations made in the MoU's as detailed in [Annexure - IV](#).

3.7	Status of various rankings i.e., ARIIA, SII Green Ranking etc. 1. ARIIA 2021: Sree Vidyanikethan Engineering College has been placed in "Excellent" band in Top 100. 2. SII Green Ranking 2023: Mohan Babu University has been placed in "Diamond" band in Green Ranking in top 20.
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The members of the BOM has appreciated the rankings placed by the University.

3.8	To consider the Change of school name from "MB School of Paramedical and Health Sciences" to "MB School of Paramedical Allied and Health Care Sciences".
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The change of name of school from "MB School of Paramedical and Health Sciences" to "MB School of Paramedical Allied and Health Care Sciences" is approved by the members of the BOM as shown in [Annexure - V](#).

3.9	Proposal for Fixation of Fee Structure for admission into Research Program by National and International Students.
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The proposed Fixation of Fee Structure for admission into Research program of National & International Students is approved by the members of BOM as shown in [Annexure - VI](#).

3.10	To approve the proposal for Scribe Provision to the students who were injured resulting in disability and unable to write Examinations.
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The proposal for scribe provision to the students who were injured resulting in disability and unable to write semester end examinations on his own on submission of medical certificate issued by the registered medical practitioner is approved by the members of the BOM.

3.11	To approve the items presented by the H R Department 1. Faculty Appointments (New) from 22.11.2022 to till date 2. Faculty Promotions from 22.11.2022 to till date 3. Faculty transfers from SVEC to MB university from 22.11.2022 to till date
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The members of the BOM has approved the new appointments and promotions of various teaching and non- teaching staff in the Mohan Babu University are shown in [Annexure - VII](#).



MOHAN BABU UNIVERSITY

SREE SAINATH NAGAR, TIRUPATI-517102

3.12	To approve the appointment of Dean, Freshman, Mohan Babu University.
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The members of the BOM has approved the appointment of Dr. N. Gireesh, Professor of ECE as Dean - Freshmen.

3.13	To approve the Revised norms for allotment of Registered numbers to the students admitted in Mohan Babu University.
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The allotment of registered numbers to the students admitted in the MPT program at MBU School of Paramedical, Allied and Health Care Sciences is approved by the members of the BOM as shown in [Annexure – VIII](#).

3.14	To approve the procedure for admissions into various schools of MBU through APEAPCET, other Govt. CET's and MBUCET.
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The members of the BOM has approved admissions procedures formulated by the Admissions department which are detailed in [Annexure - IX](#).

3.15	To approve the Fee Refund policy for Freshmen against cancellation of admission and or withdrawal from studies at any time during the academic year of admission or later.
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The refund of Fee policy prescribed by the University is approved and ratified by the members of BOM as furnished in [Annexure - X](#).

3.16	To approve the policy of sanction of scholarships to the students who have admitted into any of the Courses (UG/PG) offered by the University through MBUCET, JEE Mains, APEAPCET, etc.
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The members of the BOM has approved the policy on sanction of various scholarships to the students who have admitted into any of the Courses (UG/PG) offered by the University as furnished in [Annexure – XI](#).

3.17	To approve the proposal for intake of seats and fixation of fee structure prescribed for various programs offered in Mohan Babu University for the academic year 2023 - 2024.
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The proposal for intake of seats and the fixation of fee structure prescribed for various programs offered by Mohan Babu University for the academic year 2023-2024 is approved by the members of BOM as furnished in [Annexure –XII](#).

3.18	Proposal for fixation of honorarium payable to External Expert Members of Research Monitoring Committee.
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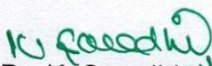
The payment of honorarium @ Rs.1,500/- is fixed for an external expert member who attend Research Monitoring Committee meeting for a duration up to Three hours as detailed in Annexure –XIII has approved by the members of the BOM.

3.19	Appraisal on Procurement of following infrastructure. <ol style="list-style-type: none">1. Procured and Installed 300 Desktop Systems i5, 8GB RAM for Computer Lab..2. Procured and Installed 30 LCD Projectors with accessories for the Teaching-Learning Processes.3. Procured and installed 1.5 Ton ACs of 11 Nos for the Admin & HR Block and Computer Labs of MBU.
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The members of BOM has appreciated the procurement of infrastructure items and are ratified the same.

3.20	Any other agenda item with the approval of the Chairperson <ol style="list-style-type: none">1. Discontinuation of the Course/Program. Decision of the management to allow the student for discontinuation of the program any time after 1st year of study.
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The members of BOM has suggested to go as per UGC guidelines / policy to allow the student for discontinuation of the program any time after 1st year of study.

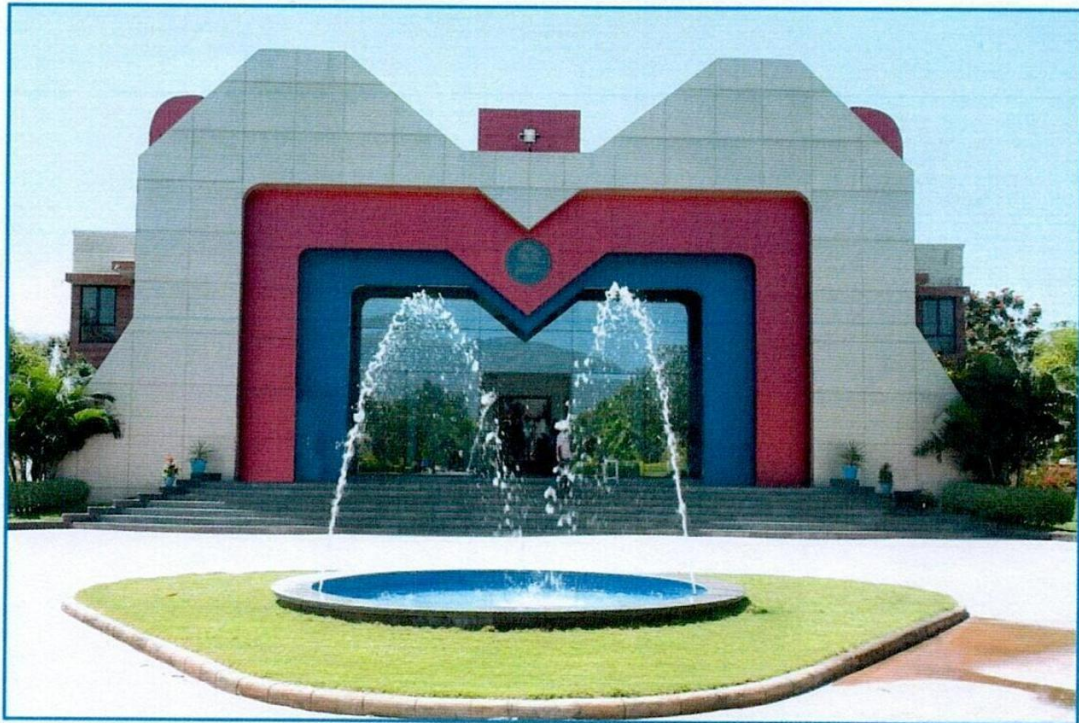

Dr. K. Saradhi 21/5/2023
Registrar & Member Secretary
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102


REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



DREAM. BELIEVE. ACHIEVE

4th Meeting of the Board of Management



MINUTES

29th July, 2023

MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati – 517 102, A.P.
(Established under Andhra Pradesh Private Universities (Establishment & Regulation) Act
2016 (Act No.3 of 2016))


REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

Minutes of the 4th Meeting of the Board of Management

Venue: MBU Campus & Blended Mode

Date & Time: 29th July, 2023, 11.00 AM

<https://us06web.zoom.us/j/8655736544?pwd=MUNkMmw4MWNVTDVuNW1rUmE2eS82dz09>

4.1	Welcoming the members of the BOM by the Chairperson
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Welcome of all the esteemed members of the Board by the Chair for the 4th BOM meeting

S.No.	Name	Designation	Position in Board of Management
1.	Prof. Nagaraj Ramrao	Vice Chancellor	Chairperson (EX-Officio)
2.	Sri. Vishnu Manchu	Pro Chancellor	EX-Officio Member
3.	Sri. S.S. Mukherji	Executive Vice Chairman, EIH Limited (The OBEROI Group)	Member
4.	Sri. Vinay Maheswari	Group CEO, INDIA TV	Member
5.	Smt. Vijayanthi Srinivasaraghavan	Associate Partner - Workforce Management at IBM	Member (Lady)
6.	Prof. Sanghamitra Bandyopadhyay	Director, Indian Statistical Institute, Kolkata	Member (Lady)
7.	Smt. Anupama Reddy	Senior Manager, Field Delivery, HP Inc., Bengaluru	Member
8.	Smt. F.M. Febin	Head – College connect Business Larson & Toubro Limited – L & T Edu Tech, Chennai	Member (Lady)
9.	Dr. B. M. Satish	Dean, School of Engineering	Member
10.	Dr. K. Ramani	Program Head, Data Science	Member (Lady)
11.	Dr. K. Saradhi	Registrar	EX-Officio Member Secretary

The Chairperson welcomed all the esteemed members of Board of Management and started the meeting with the establishment of the Quorum for the meeting with the following agenda points.





4th-BOM Meeting – Online/Offline 29th July,2023

4.2	Action Taken Report on the Minutes of 3 rd meeting of the Board of Management held on 31.05.2023.
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The members unanimously ratified the Action Taken Report on the Minutes of 3rd meeting of the Board of Management held on 31.05.2023.

4.3	To approve the recommendations of Academic Council for revision of Academic Calendar for III Semester of UG & PG programs and Re-schedule of CIAT-I Exams.
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The recommendations of Academic Council for revision of Academic Calendar for III Semester of UG & PG programs and Re-schedule of CIAT-I Exams is approved by the members of Board of Management as shown in [Annexure-I](#)

4.4	To approve the proposed for fixation of fee of Rs.5500 USD as Fee +250 USD for registration prescribed for foreign nationals who seeks admissions into various UG programs offered by the University under NRI Category for the academic year 2023-2024.
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The members of the BOM has approved the proposed fixation fee for foreign nationals who seeks admissions into various UG programs offered by the University under NRI Category for the academic year 2023-2024 as presented in [Annexure-II](#)

4.5	To approve the revised guidelines for allotment of registration numbers to the students who have admitted into B.Sc., Forensic Sciences, School of Liberal Arts and Sciences in Mohan Babu University.
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The revised guidelines for allotment of registration numbers to the students who have admitted into B.Sc., Forensic Sciences, School of Liberal Arts and Sciences in Mohan Babu University shown in the [Annexure-III](#) is approved by members of the BOM.

4.6	To approve the modification of subject specialization option for the B.Com. & M.B.A Programs in CAMU for the students who have admitted during academic year 2022-2023.
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The modification of subject specialization option for the B.Com. & M.B.A Programs in CAMU for the students who have admitted during academic year 2022-2023 is approved by the members of the BOM.

4.7	To approve the revised intake of seats and programs offered by various Schools for the academic year 2022-2023.
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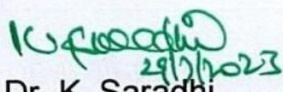
The revised intake of seats and programs offered by various Schools for the academic year 2022-2023 is approved by the members of the BOM as shown in [Annexure-IV](#)

4.8	Proposal to start Certification Courses and Bachelor of Vocational program (B.Voc) in Mohan Babu University from the academic year 2023-2024.
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The members of the BOM has approved the proposal for starting of Certification Courses and Bachelor of Vocational program (B.Voc) from the academic year 2023-2024.

4.9	To approve the items presented by the H R Department 1. Staff Appointments (New) from 01.06.2023 to till date 2. Staff transfers from SVEC to MB university from 01.06.2023 to till date
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The members of the BOM has approved the new appointments and transfer of various teaching and non- teaching staff from SVEC to Mohan Babu University are shown in [Annexure -V](#).


29/11/2023

Dr. K. Saradhi

Registrar & Member Secretary

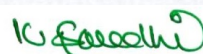
REGISTRAR

MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati

Andhra Pradesh-517 102

MBU/BoM/MoM/4th Meeting



REGISTRAR

MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati

Andhra Pradesh-517 102



DREAM. BELIEVE. ACHIEVE

5th Meeting of the Board of Management



MINUTES

04th December, 2023

MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati – 517 102, A.P.

(Established under Andhra Pradesh Private Universities (Establishment & Regulation) Act
2016 (Act No.3 of 2016))

REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

MINUTES OF 5th MEETING OF THE BOARD OF MANAGEMENT

Venue: MBU Campus & Blended Mode Date & Time: 04th December, 2023 at 11.00 AM

Link for Online Attendees

<https://us06web.zoom.us/j/8255328610?pwd=eG5VQUhLSGVHZDVZVUdTUUk3NWxGUT09&omn=81174660748>

Members Present:

S.No.	Name	Designation	Position in Board of Management
1.	Prof. Nagaraj Ramrao	Vice Chancellor	Chairperson (EX-Officio)
2.	Sri. Vishnu Manchu	Pro Chancellor	EX-Officio Member
3.	Sri. S.S. Mukherji	Executive Vice Chairman, EIH Limited (The OBEROI Group)	Member
4.	Sri. Vinay Maheswari	Executive Director, SVET	Member
5.	Smt. Vaijyanthi Srinivasaraghavan	Senior Director, UPS India Technology Centre	Member (Lady)
6.	Prof. Sanghamitra Bandyopadhyay	Director, Indian Statistical Institute, Kolkata	Member (Lady)
7.	Smt. Anupama Reddy	Senior Manager, Field Delivery, HP Inc., Bengaluru	Member
8.	Smt. F.M. Febin	Head – College connect Business Larson & Toubro Limited – L & T Edu Tech, Chennai	Member (Lady)
9.	Dr. B. M. Satish	Dean, School of Engineering	Member
10.	Dr. K. Ramani	Program Head, Data Science	Member (Lady)
11.	Dr. K. Saradhi	Registrar	EX-Officio Member Secretary

Leave of absence was granted to Sri Vinay Maheswari, Smt. Vaijyanthi Srinivasaraghavan and Smt. F.M. Febin.





5.1	Welcoming the members of the Board of Management by the Chairperson
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The chairperson welcomed all the esteemed members of Board of Management and started the meeting with the establishment of the Quorum for the meeting with the following agenda points.

5.2	Action Taken Report on the Minutes of 4th meeting of the Board of Management held on 29.07.2023.
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The members unanimously ratified the Action Taken Report on the Minutes of 4th meeting of the Board of Management held on 29.07.2023.

5.3	<p>To approve the items recommended by the Academic council.</p> <ol style="list-style-type: none"> 1. Minutes of the 4th meeting of Academic Council held on 30.11.2023- Annexure 1 2. Recommendations of Board of Studies on Course Structure, Syllabi with Course Objectives and Course Outcomes in the Boards of Studies meetings conducted during June-July 2023 - Annexure-1a 3. Additional Items to MBU22 Academic Regulations - Annexure-1b 4. Offering 4 Years UG Programs in the School of Liberal Arts & Sciences and School of Commerce and Management - Annexure-1c 5. Freshmen Induction Program for First Year 2023-24 - Annexure-1d 6. Academic Calendars - Annexure-1e 7. Starting of new Programs in MBU during the Academic Year 2023-24- Annexure-1f 8. Syllabus for the Course "Media and Mass Communication Skills" - Annexure-1g. 9. Online/Offline Internship 10. Change of Specialization in the program of study - Annexure-1h
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The members of the BOM has approved the recommendations made by the Academic Council as listed in the [Annexure-1](#)

5.4	To approve the items recommended by the University Research Board. <ol style="list-style-type: none">1. Disbursement of Seed Grant for Projects of Rs. 9.75 Lakhs - Annexure- II a2. Professional development allowance to attend National/International Conferences/FDP/Workshops/Seminars/Professional Societies Membership Fee – Annexure- II b3. Consultancy Grant of Rs. 83.37 Lakhs – Annexure – II c4. To approve the Ph.D Programs in the school of Agriculture, School of Pharmaceutical Sciences and Library & Information Sciences – Annexure- II d5. To appraise the Scopus Indexed Research Publications 2023 – Annexure- II e6. To appraise the progress of Research Programs(Ph.D.) for the A.Y.2022-23 –Annexure- II f<ol style="list-style-type: none">a.) Progress of the Batch-I (114 Scholars)b.) Progress of the Batch-II (98 Scholars)7. To appraise the Intellectual Property Rights (department wise - patents)- Annexure- II g
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The members of the BOM has approved the recommendations made by the University Research Board as shown in the [Annexure-II](#)

5.5	To approve the proposed intake of seats for the academic year 2024 - 2025.
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The proposed intake of seats for the academic year 2024-2025 is approved by the members of the BOM as shown in [Annexure-III](#).

5.6	To approve the following new appointments in the University. <ol style="list-style-type: none">1. Dr. Moorthy Veerasamy – as Controller of Examinations2. Dr. B. Sreedhar Reddy- as Dean of Accreditation3. Dr. M. Prasad - as University Librarian
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The members of the Board of management has approved appointments for the post of Controller of Examinations, Dean of Accreditation and University Librarian as shown in [Annexure-IV](#).

5.7	To approve the items presented by the H R Department. <ol style="list-style-type: none">1. Faculty Appointments (New) from 01.08.2023 to till date.2. Non-Teaching staff Appointments (New) from 01.08.2023 to till date3. Permission to do Faculty appraisal those who completed one year of service by 31.12.2023.
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The members of the BOM has approved the new appointments of teaching and non-teaching staff made by the University and to process the Faculty appraisal as shown in [Annexure -V](#).

5.8	To inform the updates on: <ol style="list-style-type: none">1. Admission status for the A.Y 2023-24 as on 30th Nov 2023 – Annexure-VI a.<ol style="list-style-type: none">a) Admissions of B.Sc (Hons) - Horticulture.b) Admissions of B.Sc-Nursingc) Admissions of MPT Programsd) Admissions of B.Tech – Civil Engineering2. Academic Activities undertaken since the last BOM meeting in the AY 2023-24.3. MOU's with Organizations.4. Rankings and Accreditations – Annexure- VI b.
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5.8.1 Admission status for the A.Y 2023-24 as on 30th Nov 2023:

The total number of admissions into various programs is detailed in the [Annexure – VI a](#)

The members of the BOM has approved and appreciated the admissions into various programs made by the University.

5.8.1.a Admissions of B.Sc (Hons) - Horticulture.

The admissions in B.Sc. (Hons) - Horticulture under Govt. Quota was not done by the Dr. Y S R Horticulture University and no admission made by the University for the MBU quota for the A.Y 2023-24. Hence, there are no admissions, the program is not offered for the A.Y 2023-24.

The status of admissions into B.Sc. (Hons) – Horticulture under Govt. Quota for the A.Y. 2023-24 has been noted and approved by the members of BOM.

5.8.1.b Admissions of B.Sc-Nursing

B.Sc.- Nursing program was not started for the AY 2023-24, since the Govt. has not issued approval and hence, the program is not offered for the A.Y 2023-24.

The status of starting B.Sc.-Nursing program for the A.Y.2023-24 has been noted and approved by the members of BOM.

5.8.1.c Admissions of MPT Programs

No student was admitted in to MPT programs in the specialization of MPT- Neurology and MPT-Cardio Pulmonary during the A.Y 2022-23 and 2023-24. Whereas there are few admissions for MPT-Orthopedics and MPT-Sports.

The status of admissions into said MPT programs during the A.Y 2022-23 and 2023-24 has been noted and approved by the members of BOM.

5.8.1.d Admissions of B.Tech-Civil Engineering

The admissions in the B.Tech-Civil Engineering is increased nominally comparing with the last A.Y 2022-23. Hence, the program can be continued for the next A.Y 2024-25 also.

The members of the BOM has approved the admissions in B.Tech-Civil Engineering and continue the program for the A.Y. 2024-25

5.8.2 Academic Activities undertaken since the last BOM meeting in the AY 2023-24.

- Freshmen induction program is organized between 03rd August to 14th August and regular class work is commenced from 16th August 2023 for MBU quota Batch-I B.Tech students and students who are admitted through MBUCET-2023 B.Tech MBU quota.
- Freshmen induction program is organized between 09^h August to 14th August and regular class work is commenced from 16th August 2023 for the students who are admitted into B.Sc, BBA, B.Com, BCA, BPT, B.Sc (Hons) Agriculture and B.Sc Paramedical programs.
- Freshmen induction program is organized between 04th September to 12th September and regular class work is commenced from 13th September 2023 for the students who are admitted into B.Tech through APEAPCET-2023 Convener quota.

The members of the BOM has appreciated and approved the above Academic Activities undertaken by the University for the academic year 2023-24.

5.8.3 MOU with Institutions and Industries.

The University has signed MOU with the following organizations for promoting Industry Institute interactions through consultancy activities:

- ACIC – Kalasalingam Innovation Foundation, Tamilnadu
- COGNOGEN Private Limited (CGPL), Telangana
- Cybersecurity Centre of Excellence, Telangana
- Entrepreneurship Development Institute of India, Ahmedabad.
- INFLIBNET Centre for Shodhganga, Gandhinagar
- SkillGym (OPC) Pvt Ltd., Hyderabad
- Nerds and Geeks Pvt. Ltd., Tirupati.
- S.V. Zoo, Tirupati.

The members of the BOM appreciated and approved the said MOUs made with Institutions and Industries.

5.8.4 Rankings and Accreditations – Annexure- VI b.

- Sree Vidyanikethan Engineering College (currently Mohan Babu University-SOE & SOC) is ranked at the band of 151-200 in NIRF-2023 and B.Tech programs of CE,EEE & ME are accredited by NBA for the period from 2023-24 to 2025-26 (3 Years).
- Mohan Babu University is ranked at **R-World institutional Rankings in Diamond Band** in the category of Mental Health Wellbeing (MHW) ranking 2023 for excellence in up keeping well-being of faculty, staff and students.
- Mohan Babu University is ranked at **R-World institutional Rankings with A+** in **Diamond band** in pursuit of Excellence towards practicing Sustainable Education.
- Mohan Babu University applied for **QS I -Gauge ratings** – Results are awaited.

The members of the BOM has applauded the efforts of the stake holders of the University in achieving the said Rankings and Accreditations.

5.9	To approve the submission of applications to various ranking agencies
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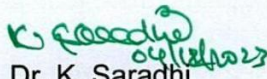
The members of Board of Management has approved the University proposal for submission of applications for ranking agencies such as

- NIRF 2024
- NBA accreditation for UG programs (ECE, CSE & IT) of Sree Vidyanikethan Engineering College(Autonomous)

5.10	Any other agenda item with the approval of the Chairperson
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Smt. Anupama Reddy emphasized on the organizing mock interviews to the students to crack more jobs in the interviews at the University recruitments.

Prof. Nagaraj Ramrao, Hon'ble Vice-Chancellor, informed the members on the action taken for making ready the students to face the interviews in the placement recruitment and the MOU's made with an agency to do training need analysis to find out short falls of the students and train the students to perform better in the interviews. He apprised that the outcomes can be seen at time of the 1st batch of students passed out.



Dr. K. Saradhi

Registrar & Member Secretary

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Sree Sainath Nagar, Tirupati

MBU/BOM/Agenda/5th Meeting


ACADEMIC COUNCIL - MINUTES OF MEETING

Name of the Meeting	Academic Year	Date of Meeting	Page Numbers for Minutes of Meeting
1 st Academic Council Meeting	2022-23	06.08.2022	1 - 7
2 nd Academic Council Meeting		17.11.2022	8 - 12
3 rd Academic Council Meeting		15.03.2023	13 - 20
4 th Academic Council Meeting	2023-24	30.11.2023	21 - 28

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1ST MEETING OF ACADEMIC COUNCIL

6th August 2022 (Saturday) 02:30 PM

(Blended Mode)

Link for Online Attendees

Link: <https://zoom.us/j/9769083542?pwd=aXJhbGZGU3FnOW13RnlUOFVFeEQ1UT09>

MINUTES OF MEETING

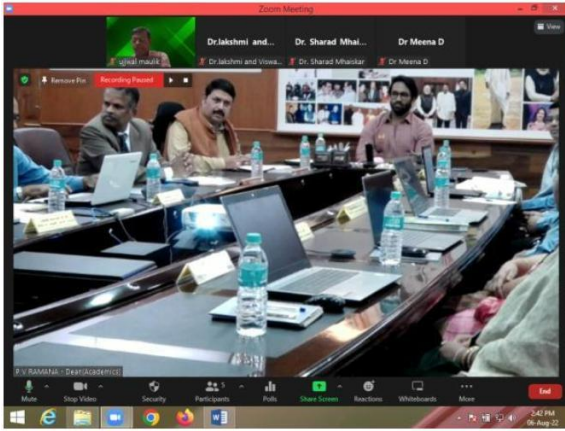
Members Present:

1.	Dr. Nagaraj Ramrao	Vice Chancellor	Chairperson
2.	Sri. Vishnu Manchu	Pro Chancellor	Member
3.	Dr. P. V. Ramana	Dean, Academic Affairs	Member
4.	Dr. B.M. Satish	Dean, School of Engineering	Member
5.	Prof. Ujjwal Maulik	Professor of CSE, Jadavpur University, Kolkata	Member
6.	Dr. Y. V. S. Lakshmi	Head, C-BUDDHI, Group Leader IPR&KMG, C-DOT, Bengaluru	Member
7.	Dr. Sharad Mhaiskar	Pro Vice Chancellor, NMIMS, Mumbai	Member
8.	Dr. Meena Dasan	Scientist – F, LRDE, DRDO, Bengaluru	Member
9.	Dr. K. Saradhi	Controller of Examinations	Member
10.	Dr. J. Avanija	Professor, Dept. of CSE	Member
11.	Dr. N. Manikandan	Professor, Dept. of ME	Member
12.	Dr. D. Suresh Babu	Professor, Dept. of EEE	Member
13.	Dr. V. Jyothsna	Associate Professor, Dept. of CSE	Member
14.	Dr. Hemadri Prasad Raju	Associate Professor, Dept. of CE	Member
15.	Dr. K. Leleedhar Rao	Associate Professor, Dept. of EEE	Member
16.	Ms. M. Bharathi	Assistant Professor, Dept. of ECE	Member
17.	Ms. H.D. Praveena	Assistant Professor, Dept. of ECE	Member
18.	Dr. R. Nesamoorthy	Registrar	Member Secretary

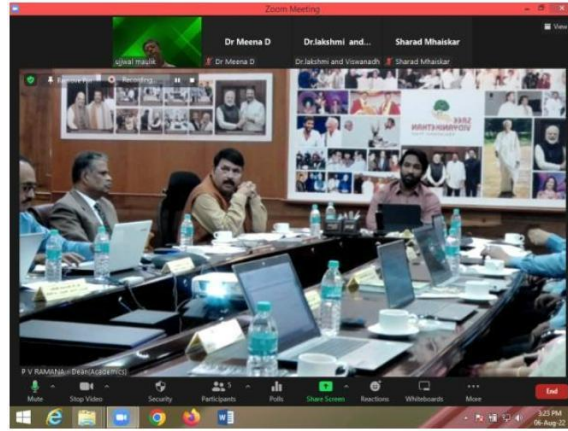
Dr. Gopalan Jagadeesh, Professor, Dept. of Aerospace Engineering, IISc, Bengaluru, not attended the meeting.

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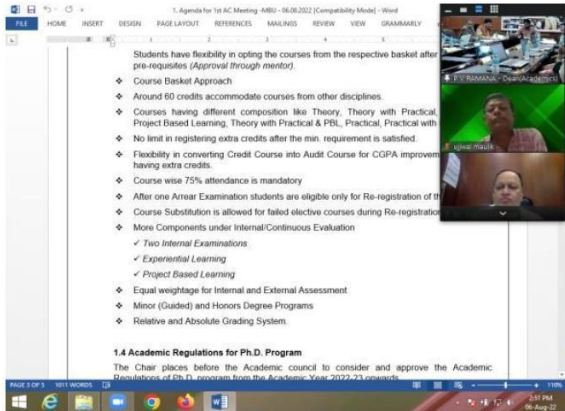
Screen shots of the Meeting



Vice Chancellor introducing the Members



Honorable Pro Chancellor Addressing the Members



Presentation of Agenda and discussion



Suggestions from the members



Interaction with Members



A. Opening Remarks:

1.1 Welcome the members for the Academic Council Meeting

The Chair welcomed the members for the First Academic Council Meeting on 6th August 2022. Also, the chair introduced the members and briefed them about the philosophy of MBU in its inception.

W. Sreedhar
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B. Items for Consideration and Approval

1.2. Starting of Programs in MBU during the Academic Year 2022-23

A total of 113 programs along with the intake that are planned to offer under 9 Schools for the Academic Year 2022-23 were presented by the chair and the same was approved. The summary of programs offered under various schools is furnished below. The complete information is detailed in [Annexure-I](#).

S. No.	School	No. of Programs		Ph.D.
		UG	PG	
1.	School of Engineering	13	4	✓
2.	School of Computing	12	5	✓
3.	School of Liberal Arts and Sciences	10	5	✓
4.	School of Commerce and Management	12	7	✓
5.	School of Media Studies	3	3	
6.	Film Academy	5	-	
7.	School of Art & Design	6	-	
8.	School of Agriculture	5	1	
9.	School of Paramedical and Health Sciences	14	8	

1.3. MBU Academic Regulations 2022

The Chair presented the MBU22 Academic Regulations for UG and PG programs offered from the Academic Year 2022-23 onwards. The same is approved by the members.

The salient features of the MBU22 Academic Regulations are furnished below and the complete Regulations are detailed in [Annexure-II](#).

Salient Features:

- ❖ Common Academic Regulations for all Programs
- ❖ Three Semester/Year
 - ✓ *Two Regular Semester – Regular Course work and Evaluation*
 - ✓ *One Summer Semester – Only for the students failed in regular Examination.*
- ❖ Fully Flexible Choice Based Credit System (FFCBCS)
Students have flexibility in opting the courses from the respective basket after satisfying the pre-requisites (*Approval through mentor*).
- ❖ Course Basket Approach
- ❖ Around 60 credits accommodate courses from other disciplines.


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- ❖ Courses having different composition like Theory, Theory with Practical, Theory with Project Based Learning, Theory with Practical & PBL, Practical, Practical with PBL.
- ❖ No limit in registering extra credits after the min. requirement is satisfied.
- ❖ Flexibility in converting Credit Course into Audit Course for CGPA improvement if student having extra credits.
- ❖ Course wise 75% attendance is mandatory
- ❖ After one Arrear Examination students are eligible only for Re-registration of the course
- ❖ Course Substitution is allowed for failed elective courses during Re-registration
- ❖ More Components under Internal/Continuous Evaluation
 - ✓ *Two Internal Examinations*
 - ✓ *Experiential Learning*
 - ✓ *Project Based Learning*
- ❖ Equal weightage for Internal and External Assessment
- ❖ Minor (Guided) and Honors Degree Programs
- ❖ Relative and Absolute Grading System.

1.4 Academic Regulations for Ph.D. Program

The Chair presented the Academic Regulations of Ph.D. program to be offered from the Academic Year 2022-23 onwards. The same is approved by the members.

The MBU22 Academic Regulations for Ph.D. Program is detailed in [Annexure-III](#).

1.5 MBU Academic Calendar for First Year B.Tech. Program - Batch-1

Dean (Academic Affairs) presented the Academic Calendar for First Year B.Tech. Program - Batch-1 for the year 2022-23 and the same was approved by the members.

The Academic Calendar for First Year B.Tech. Program - Batch-1 for the academic year 2022-23 is detailed in [Annexure-IV](#).

1.6 Guidelines for allotment of Register Numbers for the Students

Dean (Academic Affairs) presented two models on the Guidelines for the allotment of Register Numbers for Students who are admitted in MBU. The members approved model 1 with Twelve Digits Alpha Numeric Code.

Guidelines for the allotment of Register Numbers for the Students are detailed in [Annexure-V](#).


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1.7 Guidelines for allotment of Codes to the Courses of the Curriculum Structure

Dean (Academic Affairs) presented the Guidelines for the allotment of Codes to Courses of Curriculum Structure. The same is approved by the members.

Guidelines for the allotment of Codes to Courses of Curriculum Structure is detailed in [Annexure-VI](#).

C. Items for Ratification

The Dean (Academic Affairs) presented the following items to the Academic council for ratification.

1.8 Freshmen Induction Program for First Year B.Tech. Program Batch-1

The Freshmen Induction Program was conducted for the First year B.Tech Students during 18-30 July, 2022. The same is presented to the Academic Council for ratification. The members appreciated the activities organized under Freshmen Induction Program and ratified the same.

Detailed schedule of Freshmen Induction Program for the academic year 2022-23 is furnished in [Annexure-VII](#).

1.9 Faculty Development Program on “Pedagogy”

The Faculty Development Program on Pedagogy which was conducted during 19-23 July, 2022 for the faculty members teaching I B.Tech. courses were presented to the Academic Council. The members ratified the same.

The detailed schedule of the program with resource persons of FDP on Pedagogy is furnished in [Annexure-VIII](#).

1.10 Ratifications of Recommendations of Combined Boards of Studies Meeting and Individual Boards of Studies Meetings held on 15th July 2022

Dean (Academic affairs) presented the Minutes of Meetings along with the recommendations of Combined Boards of Studies Meeting to the Academic Council for ratification. The members ratified the same and appreciated the documentation and procedure followed in conduction of meeting.

The Minutes of meeting of combine BOS and its recommendation is detailed in [Annexure-IX](#).

Dean (Academic Affairs), presented the following Minutes of Individual Boards of Studies Meetings (including Curriclum, Syllabus and recommendations) to the Academic Council for ratification. The same is ratified by the members.


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MBU School of Engineering and School of Computing - Vision and Mission of the Departments; PEOs, POs, PSOs, Curriculum of UG (B.Tech.) and PG (M.Tech) Programs and Syllabi of First Level Courses to be offered in I Year.

Department of Computer Science and Engineering: [Annexure-X.A](#)

- ❖ B.Tech. - Computer Science and Engineering
- ❖ B.Tech. - Computer Science and Engineering with Specialization in Block Chain Technologies
- ❖ B.Tech. - Computer Science and Engineering with Specialization in Cloud Computing
- ❖ B.Tech. - Computer Science and Engineering with Specialization in Full Stack Development
- ❖ B.Tech. - Computer Science and Engineering with Specialization in DevOps
- ❖ B.Tech. - Computer Science and Information Technology
- ❖ M.Tech. – Computer Science and Engineering

Department of Artificial Intelligence, Data Science and Cyber Security: [Annexure-X.B](#)

- ❖ B.Tech. - Computer Science and Engineering (Artificial Intelligence and Machine Learning)
- ❖ B.Tech. - Computer Science and Engineering (Data Science)
- ❖ B.Tech. - Computer Science and Engineering (Cyber Security)
- ❖ M.Tech. – Computer Science and Engineering (Artificial Intelligence and Data Science)
- ❖ M.Tech. - Computer Science and Engineering (Cyber Security)

Department of Electronics and Communication Engineering: [Annexure-X.C](#)

- ❖ B.Tech. - Electronics and Communication Engineering
- ❖ B.Tech. - Electronics and Communication Engineering with Specialization in Embedded Systems and IOT
- ❖ B.Tech. - Electronics and Instrumentation Engineering
- ❖ B.Tech. - Electronics and Instrumentation Engineering with Specialization in Biomedical Engineering
- ❖ M.Tech. - VLSI & Embedded System Design

Department of Electrical and Electronics: [Annexure-X.D](#)

- ❖ B.Tech. - Electrical and Electronics Engineering
- ❖ B.Tech. - Electrical and Electronics Engineering with Specialization in High Voltage Engineering and Power Systems
- ❖ B.Tech. - Electrical and Electronics Engineering with Specialization in Automotive Electronics
- ❖ M.Tech. - Electrical Power Systems

Department of Civil Engineering: [Annexure-X.E](#)

- ❖ B.Tech. - Civil Engineering
- ❖ B.Tech. - Civil Engineering with Specialization in Geotechnical and Transportation Engineering
- ❖ B.Tech. - Civil Engineering with Specialization in Structural Engineering
- ❖ M.Tech. - Construction Technology & Management

Department of Mechanical Engineering: [Annexure-X.F](#)

- ❖ B.Tech. - Mechanical Engineering
- ❖ B.Tech. - Mechanical Engineering with Specialization in Smart Manufacturing
- ❖ B.Tech. - Mechanical Engineering with Specialization in Robotics and Automation
- ❖ M.Tech. - Machine Design

Department of Computer Applications: [Annexure-XI](#)

- ❖ BCA - Bachelor of Computer Applications
- ❖ BCA - Bachelor of Computer Applications with specialization in Augmented Reality and Virtual Reality
- ❖ BCA - Bachelor of Computer Applications with specialization in Game and Graphic Design
- ❖ MCA - Master of Computer Applications
- ❖ MCA – Master of Computer Applications with specialization in Full Stack Development

Curriculum and Syllabi of First Level Courses from the supporting Department to be offered in I Year

Department of Basic Sciences and Humanities: [Annexure-X.G](#)


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D. Items for Reporting

1.11 Institutional Membership for Innovation, Science and Technology Foundation.

The members were appraised about the institutional membership of Innovation, Science and Technology Foundation.

E. Overall Recommendations of the Honorable Members

1. The courses and course content need to be changed dynamically as per the market trend.
2. Expertize from outside world (viz. industry and academia) may be used for course delivery.
3. The Autonomy of the University shall be exercised with responsibility.
4. SWOC analysis may be carried out in the field of 5G and 6G Communication and explore the possibility of leveraging the scope of research and development.
5. Exploring the possibility of offering Ph.D. programs through externally funded research projects from various funding agencies.
6. Faculty shall be sensitized in choosing courses that should be pursue through online or offline. In this regard. Prof. Ujjwal Maulik is willing to mentor the faculty if needed.
7. Project work shall be treated as the main course of learning and its assessment is vital in learning outcomes
8. Project work shall start from the pre-final year.
9. Project work may be assigned to student groups derived from different years of study and from II year onwards and also from different Departments.
10. Either topics or courses on essential technologies (viz. Radar Communications, Quantum Communications, Photonics) shall be incorporated appropriately.
11. During the summer semester, for advanced learners, Certification Programs offered by National Instruments, MATLAB, other industries on cutting-edge technologies shall be suggested and motivated for registration.
12. A club shall be established on campus to promote student innovations through multidisciplinary and collaborative work.
13. Proper feedback mechanism on implementation of academic systems shall be adopted for appropriate corrections and improvements.

The Hon'ble members resolved to authorize the Chairman, Academic Council and Vice Chancellor, Mohan Babu University to effect necessary changes/ modifications in the Academic Regulations / Syllabi / Evaluation procedures/ Academic Calendars and Results wherever deemed necessary and report the same to the Academic Council at its immediate next meeting for ratification.

The Chairman, Academic Council profusely thanked the members for their support, input and guidance.


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**REGISTRAR &
MEMBER SECRETARY**



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Sree Sainath Nagar, Tirupati 517 102

2nd MEETING OF ACADEMIC COUNCIL

17th November 2022 (Thursday) 03:30 PM

MINUTES OF MEETING

Members Present:

1.	Dr. Nagaraj Ramrao	Vice Chancellor	Chairperson
2.	Sri. Vishnu Manchu	Pro Chancellor	Member
3.	Dr. P. V. Ramana	Dean, Academic Affairs	Member
4.	Dr. B.M. Satish	Dean, School of Engineering	Member
5.	Prof. Ujjwal Maulik	Professor of CSE, Jadavpur University, Kolkata	Member
6.	Dr. Y. V. S. Lakshmi	Head, C-BUDDHI, Group Leader IPR&KMG, C-DOT, Bengaluru	Member
7.	Dr. Sharad Mhaikar	Pro Vice Chancellor, NMIMS, Mumbai	Member
8.	Dr. Meena Dasan	Scientist – F, LRDE, DRDO, Bengaluru	Member
9.	Dr. Gopalan Jagadeesh	Professor, Dept. of Aerospace Engineering, IISc, Bengaluru	Member
10.	Dr. K. Saradhi	Controller of Examinations	Member
11.	Dr. J. Avanija	Professor, Dept. of CSE	Member
12.	Dr. N. Manikandan	Professor, Dept. of ME	Member
13.	Dr. D. Suresh Babu	Professor, Dept. of EEE	Member
14.	Dr. V. Jyothsna	Associate Professor, Dept. of CSE	Member
15.	Dr. Hemadri Prasad Raju	Associate Professor, Dept. of CE	Member
16.	Dr. K. Leleedhar Rao	Associate Professor, Dept. of EEE	Member
17.	Ms. M. Bharathi	Assistant Professor, Dept. of ECE	Member
18.	Ms. H.D. Praveena	Assistant Professor, Dept. of ECE	Member
19.	Dr. K. Saradhi	Registrar	Member Secretary

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A. Items for Consideration and Approval

A2.1 Vision and Mission for School of Commerce and Management; and School of Liberal Arts and Sciences

The Chair presented the following Vision and Mission for School of Commerce and Management; and School of Liberal Arts and Sciences. The same is approved by the members.

School of Commerce and Management

Vision

To be the preferred choice for commerce and management education recognised for excellence, innovation, entrepreneurship and societal consciousness.

Mission

- Impart relevant knowledge of commerce and management, a broad set of skills, and an inquisitive attitude to provide appropriate and distinctive solutions to serve industry and community
- Offer an experience par excellence with our state-of-the-art research, innovation, and incubation ecosystem to realise our learners' fullest entrepreneurial potential
- Provide continued education and research support to working professionals in the field of commerce and management to augment their domain expertise in the cutting-edge technologies used for business developments
- Inculcate the true spirit of societal consciousness in managers of tomorrow in solving challenges in commerce and management.

School of Liberal Arts and Sciences

Vision

To be the ideal culmination for the edification of liberal arts and sciences recognised for excellence, innovation, entrepreneurship, environment and social consciousness.

Mission

- Infuse the essential knowledge of liberal arts and sciences, skills and an inquisitive attitude to conceive creative and appropriate solutions to serve industry and community.
- Proffer a know-how par excellence with the state-of-the-art research, innovation, and incubation ecosystem to realise the learners' fullest entrepreneurial potential.
- Endow continued education and research support to working professionals in liberal arts and sciences to augment their domain expertise in the latest technologies
- Entice the true spirit of environment and societal consciousness in citizens of tomorrow in solving challenges in liberal arts and sciences.


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A2.2 Ratifications of Recommendations of 2nd Combined Boards of Studies Meeting and Individual Boards of Studies Meetings for the School of Commerce and Management; and School of Liberal Arts and Sciences held on 20th August 2022

Dean (Academic affairs) presented the Minutes of Meetings along with the recommendations of 2nd Combined Boards of Studies Meeting to the Academic Council for ratification.

The Minutes of meeting of 2nd Combine BOS and its recommendation is detailed in [Annexure A2-1](#).

Dean (Academic Affairs), presented the following Minutes of Individual Boards of Studies Meetings (including Curriculum, Syllabus and recommendations) to the Academic Council for ratification. The same is ratified by the members.

- a. *Department of Commerce, School of Commerce and Management – Vision, Mission, PEOs, POs, PSOs, UG & PG Programs Curriculum and Syllabus of First Level Courses to be offered in I Year is enclosed in [Annexure A2-2](#)*
- b. *Department of Management, School of Commerce and Management - Vision, Mission, PEOs, POs, PSOs, UG & PG Programs Curriculum and Syllabus of First Level Courses to be offered in I Year is enclosed in [Annexure A2-3](#)*
- c. *Department of Mathematical Sciences, School of Liberal Arts and Sciences - Vision, Mission, PEOs, POs, PSOs, UG & PG Programs Curriculum and Syllabus of First Level Courses to be offered in I Year is enclosed in [Annexure A2-4](#)*
- d. *Department of Biological and Chemical Sciences, School of Liberal Arts and Sciences - Vision, Mission, PEOs, POs, PSOs, UG & PG Programs Curriculum and Syllabus of First Level Courses to be offered in I Year is enclosed in [Annexure A2-5](#)*
- e. *Department of Language and Social Sciences, School of Liberal Arts and Sciences - Vision, Mission, PEOs, POs, PSOs, UG & PG Programs Curriculum and Syllabus of First Level Courses to be offered in I Year is enclosed in [Annexure A2-6](#)*

A2.3 Amendment to the MBU22 Regulations

Dean (Academic Affairs), presented the following Amendment to MBU22 Academic Regulations for ratification. The honorable members ratified the same.


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Existing Clause

14.2 Relative Grading

In the Relative Grading (RG) system, grades are given based on the other students' scores in the same section of a class. It indicates the academic merit of the student in that section of a class. Here, section of a class means a cohort of students who are taught by the same faculty member and have undergone the same assessment pattern. RG overcomes problems encountered with absolute grading, including a difficult or easy question paper setting, very strict or lenient evaluation etc. This evaluation procedure is adopted for Theory, Theory with Practical, Theory with Project Based Learning, Theory with Practical and Project Based Learning or any other Theory course with a class strength less than 21. The grades and grade points in the relative grading system are as given below. The class average mark (μ) is taken as the midpoint of 'B+ (Good)' grade, and relative to this and depending on the sigma (σ , standard deviation) value, the other grades are finalized as given below.

Grade	Description	Grade Formula	Grade Point
O	Outstanding	Total Marks $\geq (\mu + 1.5 \sigma)$	10
A+	Excellent	$(\mu + 1.0 \sigma) \leq$ Total Marks $< (\mu + 1.5 \sigma)$	9
A	Very Good	$(\mu + 0.5 \sigma) \leq$ Total Marks $< (\mu + 1.0 \sigma)$	8
B+	Good	$(\mu - 0.5 \sigma) \leq$ Total Marks $< (\mu + 0.5 \sigma)$	7
B	Above Average	$(\mu - 1.0 \sigma) \leq$ Total Marks $< (\mu - 0.5 \sigma)$	6
C	Average	$(\mu - 1.5 \sigma) \leq$ Total Marks $< (\mu - 1.0 \sigma)$	5
P	Pass	$(\mu - 2.0 \sigma) \leq$ Total Marks $< (\mu - 1.5 \sigma)$	4
F	Fail	Total Marks $< \text{Max}\{ (\mu - 2.0 \sigma), 35 \}$	0
Ab	Absent	NA	-

Proposed Clause

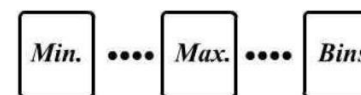
14.2 Relative Grading

Student is awarded a letter grade and the corresponding grade points based on the individual performance of the student, linearly relative to the performance of the class in the particular course. The grade points are assigned to each course based on the fitment in the linear space model consisting of seven bands. The bands from the top to bottom are graded as O, A+, A, B+, B, C and F respectively. The grade monitoring committee in consultation with Vice Chancellor shall have the final decision on allotment of grades to the students. The committee may also recommend changes in grade range when special case arise considering class size etc, to the result passing committee. However, for such courses with less than 21 students, absolute grading is followed.

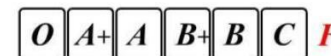
Linear Space Model

Develop bins of equal weights between the minimum marks and the maximum marks obtained by the student.

Linear Space Modeling



Each bin is labeled as grade names as: (seven bins)



Marks that belong to last bin are declared as fail grade.


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B. Items for Reporting

A2.4 Signed MoU with Coursera to offer courses through MOOC

The Chair apprised to the members that the MBU has signed an MoU with Coursera Inc., to offer courses to students through MOOC to satisfy the minimum requirement of credits through MOOC as per the MBU22 Regulations.

A2.5 Signed MoU with University of Wisconsin-Madison, USA for Credit Transfer and Joint Certification Programs

The Chair apprised to the members that the MBU has signed an MoU with University of Wisconsin-Madison, USA for Credit Transfer and Joint Certification of Degree Programs

The credits earned by the students of Mohan Babu University at University of Wisconsin-Madison, USA by undergoing any of the following program as per the Visiting International Student Program (VISP) shall be transferred and be considered for the award of Degree of Mohan Babu University.

- ❖ FALL Semester (August to December)
- ❖ SPRING Semester (January to May)
- ❖ Summer Session-1 (June - 4 Weeks)
- ❖ Summer Session-2 (July – 4 Weeks)

Maximum two years duration (4 Semesters).

C. Overall Recommendations of the Honorable Members

- ❖ It will be very helpful if some special lectures can be arranged for entrepreneurship program etc., to give the students ideas on how to build a start-up.
- ❖ Provision shall be made for flexibility in choosing credits and long duration for project work.



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Sree Sainath Nagar, Tirupati 517 102

3rd MEETING OF ACADEMIC COUNCIL

1

5th March 2023 (Wednesday) 11:30 AM

Members Present:

1.	Dr. Nagaraj Ramrao	Vice Chancellor	Chairperson
2.	Sri. Vishnu Manchu	Pro Chancellor	Member
3.	Dr. P. V. Ramana	Dean, Academic Affairs	Member
4.	Dr. B.M. Satish	Dean, School of Engineering	Member
5.	Prof. Ujjwal Maulik	Professor of CSE, Jadavpur University, Kolkata	Member
6.	Dr. Y. V. S. Lakshmi	Head, C-BUDDHI, Group Leader IPR&KMG, C-DOT, Bengaluru	Member
7.	Dr. Sharad Mhaiskar	Pro Vice Chancellor, NMIMS, Mumbai	Member
8.	Dr. Meena Dasan	Scientist – F, LRDE, DRDO, Bengaluru	Member
9.	Dr. Gopalan Jagadeesh	Professor, Dept. of Aerospace Engineering, IISc, Bengaluru	Member
10.	Dr. K. Saradhi	Controller of Examinations	Member
11.	Dr. J. Avanija	Professor, Dept. of CSE	Member
12.	Dr. N. Manikandan	Professor, Dept. of ME	Member
13.	Dr. D. Suresh Babu	Professor, Dept. of EEE	Member
14.	Dr. V. Jyothsna	Associate Professor, Dept. of CSE	Member
15.	Dr. Hemadri Prasad Raju	Associate Professor, Dept. of CE	Member
16.	Dr. K. Leleedhar Rao	Associate Professor, Dept. of EEE	Member
17.	Ms. M. Bharathi	Assistant Professor, Dept. of ECE	Member
18.	Ms. H.D. Praveena	Assistant Professor, Dept. of ECE	Member
19.	Dr. K. Saradhi	Registrar	Member Secretary

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A. Items for Consideration and Approval

A3.1 Vision and Mission for the School of Paramedical and Health Sciences; and School of Agriculture

The Chair presented the following Vision and Mission for School of Commerce and Management; and School of Liberal Arts and Sciences. The same is approved by the members

SCHOOL OF PARAMEDICAL AND HEALTH SCIENCES

Vision

To be the global center of excellence for paramedical and allied health science education, research, innovation, incubation, consultancy and public service.

Mission

- ❖ Inspire the experts of paramedical and allied health sciences of tomorrow to take on the public health challenges of our society.
- ❖ Train the students with fundamental knowledge of paramedical and allied health sciences, skills set and positive attitude for creating innovative solutions to serve industry and community through congenial learning environment with contemporary academic programs, state-of-the-art infrastructure facilities and community health programs.
- ❖ Facilitate budding paramedical and allied health science experts with the best research-innovation-incubation-start-up ecosystem to realize their fullest potential for sustainable businesses.
- ❖ Encourage faculty and staff to excel in their respective domains of expertise and demonstrate the best of their abilities by way of continuing education, research support and consultancy.

SCHOOL OF AGRICULTURE

Vision

To be a globally reputed institution producing agricultural graduates with high knowledge, skills employability, and competence by imparting focused practical technical education through innovative and analytical approaches with a core objective of creating desirable manpower for agriculture and a allied agri-related business besides contributing to the rural society and the nation.

Mission

- ❖ To provide the best possible infrastructure and facilities for innovative teaching and learning agricultural and all allied subjects like horticulture, agricultural engineering, food science technology, animal husbandry etc.
- ❖ To create an interface with internationally reputed research and education institutions for benefitting students with knowledge-sharing and work opportunities
- ❖ To establish a centre of excellence and innovation incubator for creating industry interfaces and partnerships for enhancing the technical competencies of students as per the needs of the industry
- ❖ To empower students with the latest agricultural and horticultural techniques and skills for promoting employability as well as encouraging developing of agripreneurs
- ❖ Inculcating basic human values and work ethics in the process of making good Samaritans for the society and nation.


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A3.2 Ratifications of Recommendations of Individual Boards of Studies Meetings of the Department of Paramedical Sciences, Department of Physiotherapy; and School of Agriculture

Dean (Academic Affairs), presented the following Minutes of Individual Boards of Studies Meetings (including Curriculum, Syllabus and recommendations) to the Academic Council for ratification. The same is ratified by the members.

- a. *Department of Paramedical Sciences, School of Paramedical and Health Sciences – Vision, Mission, PEOs, POs, UG Programs Curriculum and Syllabus of First Level Courses to be offered in 1 Year is enclosed in [Annexure A3-1](#)*
- b. *Department of Physiotherapy, School of Paramedical and Health Sciences – Vision, Mission, PEOs, POs, UG Program Curriculum and Syllabus of First Level Courses to be offered in Year is enclosed in [Annexure A3-2](#)*
- c. *Department of Agriculture, School of Agriculture - Vision, Mission, PEOs, POs, PSOs, UG Programs Curriculum and Syllabus of First Level Courses to be offered in 1 Year is enclosed in [Annexure A3-3](#)*

A3.3 Ratification of Start of New B.Tech Programs in Collaboration with industry.

The Chair presented the newly introduced B.Tech Programs which is being offered in collaboration with SAP and IBM for ratification. The honorable members ratified the same and appreciated the initiative.

School	Offering Department	Name of the Program	Remarks
School of Computing	Computer Science and Engineering	B.Tech. - Computer Science and Engineering with Specialization in SAP	<i>The program is offered in collaboration with SAP</i>

Also, the following programs are being offered in collaboration with IBM

- ❖ B.Tech. Computer Science and Engineering (Artificial Intelligence and Machine Learning)
- ❖ B.Tech. Computer Science and Engineering (Data Science)
- ❖ B.Tech. Computer Science and Engineering (Cyber Security)


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A3.4 Revised and Addition of Departments Codes for Course Coding

Dean (Academic Affairs), presented the Revised and Addition of Departments Codes for Course Coding. The same is approved by the members.

Dept. Code		Department Name	Remarks
AI	:	Artificial Intelligence and Machine Learning	<i>Revised</i>
DS	:	Data Science	<i>Addition</i>
IT	:	Computer Science and Information Technology	<i>Addition</i>

The revised document of the Guidelines for allotment of Codes to the Courses of the Curriculum Structure is enclosed in [Annexure-A3.4](#)

A3.5 Ratification of Academic Calendars

The Chair submitted to the members to consider and ratify the Academic Calendars of First and Second Semester of UG and PG Programs.

The I-Semester Academic Calendars for 2022-23 is enclosed in [Annexure-A3.5a](#)

The II-Semester Academic Calendars for 2022-23 is enclosed in [Annexure-A3.5b](#)

Also, Members are requested to the authorize Chair, Academic Council to approve the Academic Calendars as and when it is prepared based on the admissions.

A3.6 Amendment to the MBU22 Regulations

Dean (Academic Affairs), presented the following Amendment to MBU22 Academic Regulations for ratification. The honorable members ratified the same.


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Existing Clause	Proposed Clause
Item No. 8.1 of MBU22 Academic Regulations	
<p>All the programs offered by MBU shall follow the Semester system mode. There will be two semesters in an academic year. Optional summer semester shall be offered for the benefit of students with backlog courses; and for others with contemporary courses/specialized training subject to the availability of time, faculty and other resources. The Summer Semester shall be offered under a fast track mode, considering less number of instructional days available during the summer vacation. However, the number of instructional hours to cover the syllabi shall be maintained which is equivalent to a regular semester with the increased number of instruction hours per week.</p> <p>Unless otherwise specified explicitly, all rules and regulations applicable to a course offered during a regular semester shall be applicable to the courses offered during Summer Semester. Through Circulars, the eligibility criteria to register the number of courses and other related information shall be notified by the University from time to time.</p>	<p>All the programs offered by MBU shall follow the Semester system mode. There will be two semesters in an academic year. Optional summer semester and Fast Track Semester shall be offered for the benefit of students with backlog courses; and for others with contemporary courses/specialized training subject to the availability of time, faculty and other resources. The Summer Semester shall be offered under a fast track mode, considering less number of instructional days available during the summer vacation. However, the number of instructional hours to cover the syllabi shall be maintained which is equivalent to a regular semester with the increased number of instruction hours per week. The Fast Track Semester shall be offered in parallel with the regular semester without prejudice to the classwork of regular semester.</p> <p>Unless otherwise specified explicitly, all rules and regulations applicable to a course offered during a regular semester shall be applicable to the courses offered during Summer/Fast Track Semester. Through Circulars, the eligibility criteria to register the number of courses and other related information shall be notified by the University from time to time.</p>


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Existing Clause	Proposed Clause
Item No.10 of MBU22 Academic Regulations	
<p>Immediately after joining the University, each student shall be assigned a Mentor by the Department/School concerned. The mentor shall discuss with the student on their academic performance semester-wise, periodically, and guide the student on nature and number of courses to be registered in the ensuing semester, within the framework of that program curriculum.</p> <ul style="list-style-type: none"> ❖ Through the course registration process, every semester, it is mandatory for the students to register for the courses that the student wish to study (wishlist) as and when notified, with the approval of the mentor. ❖ Students shall register a minimum of 18 credits or a maximum of 27 credits in a regular semester. However, the last registration of the program of study should not exceed 18 credits to meet the credit requirements for the award of a degree. However it is not applicable during the semester having Project work. ❖ The students may be asked to undergo non-credited Bridge Courses for necessary fundamental disciplines or prerequisites to compensate for the inadequacy of the level as recommended by the program curriculum. ❖ Students shall not be permitted to register for the courses if the student has any outstanding dues to the University. 	<p>Immediately after joining the University, each student shall be assigned a Mentor by the Department/School concerned. The mentor shall discuss with the student on their academic performance semester-wise, periodically, and guide the student on nature and number of courses to be registered in the ensuing semester, within the framework of that program curriculum.</p> <ul style="list-style-type: none"> ❖ Through the course registration process, every semester, it is mandatory for the students to register for the courses that the student wish to study (wishlist) as and when notified, with the approval of the mentor. ❖ Students shall register a minimum of 16 credits or a maximum of 30 credits in a regular semester. However, the last registration of the program of study should not exceed 18 credits to meet the credit requirements for the award of a degree. However it is not applicable during the semester having Project work. ❖ The students may be asked to undergo non-credited Bridge Courses for necessary fundamental disciplines or prerequisites to compensate for the inadequacy of the level as recommended by the program curriculum. ❖ Students shall not be permitted to register for the courses if the student has any outstanding dues to the University.


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Existing Clause**Proposed Clause****Item No.22 of MBU22 Academic Regulations**

Minimum Duration: The minimum duration for each program is as detailed below. A student is said to be completed the program only if he/she earns required credits, as specified in their program curriculum. However, the degree shall be awarded only upon the completion of the minimum duration of the program concerned.

Maximum Duration: If a student has backlog courses even after the completion of the minimum duration limit, an additional grace period equivalent to double the period of minimum duration of the program of study shall be extended. Under no circumstances, the period of study shall be extended beyond the above limit and thereafter his/her studentship stands canceled automatically. No separate intimation in this regard will be sent to the student.

B.Tech.	4 years
M.Tech.	2 years
B.C.A., B.Sc., B.Com., B.B.A., B.A.	3 years
B.V.A., B.P.A.	3 years
B.Des.	3 years
B.Sc. (Hons)	4 years
BHMCT	4 Years
M.Sc., M.A., M.Com.	2 years
M.C.A., M.B.A.	2 years
B.P.T.	4 years
M.P.T.	2 years

Minimum Duration: The minimum duration for each program is as detailed below. A student is said to be completed the program only if he/she earns required credits, as specified in their program curriculum. However, the degree shall be awarded only upon the completion of the minimum duration of the program concerned.

Maximum Duration: If a student has backlog courses even after the completion of the minimum duration limit, an additional grace period equivalent to double the period of minimum duration of the program of study shall be extended. Under no circumstances, the period of study shall be extended beyond the above limit and thereafter his/her studentship stands canceled automatically. No separate intimation in this regard will be sent to the student.

B.Tech.	4 years
M.Tech.	2 years
B.C.A., B.Sc., B.Com., B.B.A., B.A.	3 years
B.V.A., B.P.A.	3 years
B.Des.	3 years
B.Sc. (Hons)	4 years
BHMCT	4 Years
M.Sc., M.A., M.Com.	2 years
M.C.A., M.B.A.	2 years
B.P.T.	4 years 6 Months
M.P.T.	2 years


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A3.7 Approval of MBU22 Academic Regulations for the School of Agriculture

Dean (Academic Affairs), presented the MBU22 Academic Regulations for the School of Agriculture. The honorable members approved the same.

MBU22 Academic Regulations for the School of Agriculture are detailed in [Annexure A3.7](#)

B. Items for Reporting

A3.8 Signed MoU with RWTH Aachen University, Germany for various collaborative activities

The Chair appraised to the members that the MBU has signed an MoU with RWTH Aachen University, Germany for the following collaborative activities

- ❖ Twinning Program for B.Tech Students (3+1+2)
- ❖ Short Courses of 2, 3, 4 Weeks duration
- ❖ Joint Research
- ❖ Faculty Exchange



**REGISTRAR &
MEMBER SECRETARY**



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4th MEETING OF ACADEMIC COUNCIL

30th November 2023 (Thursday) 12:00 Noon

(Blended Mode)

Link for Online Attendees

<https://us06web.zoom.us/j/8255328610?pwd=eG5VQUhLSGVHZDVZVUdTUUk3NWxGUT09&omn=82961500751>

MINUTES OF MEETING

Members Present:

1.	Dr. Nagaraj Ramrao	Vice Chancellor	Chairperson
2.	Sri. Vishnu Manchu	Pro Chancellor	Member
3.	Dr. P. V. Ramana	Dean, Academic Affairs	Member
4.	Dr. B.M. Satish	Dean, School of Engineering	Member
5.	Prof. Ujjwal Maulik	Professor of CSE, Jadavpur University, Kolkata	Member
6.	Dr. Meena Dasan	Scientist – F, LRDE, DRDO, Bengaluru	Member
7.	Dr. Moorthy Veeraswamy	Controller of Examinations	Member
8.	Dr. J. Avanija	Professor, Dept. of CSE	Member
9.	Dr. N. Manikandan	Professor, Dept. of ME	Member
10.	Dr. D. Suresh Babu	Professor, Dept. of EEE	Member
11.	Dr. V. Jyothisna	Associate Professor, Dept. of CSE	Member
12.	Dr. Hemadri Prasad Raju	Associate Professor, Dept. of CE	Member
13.	Dr. K. Leleedhar Rao	Associate Professor, Dept. of EEE	Member
14.	Ms. M. Bharathi	Assistant Professor, Dept. of ECE	Member
15.	Ms. H.D. Praveena	Assistant Professor, Dept. of ECE	Member
16.	Dr. K. Saradhi	Registrar	Member Secretary

Dr. Y. V. S. Lakshmi, Head, C-BUDDHI, Group Leader IPR&KMG, C-DOT, Bengaluru, Dr. Gopalan Jagadeesh, Professor, Dept. of Aerospace Engineering, IISc, Bengaluru, Dr. Sharad Mhaikar, Pro Vice Chancellor, NMIMS, Mumbai could not able to attend the meeting.


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Screenshots of the Meeting



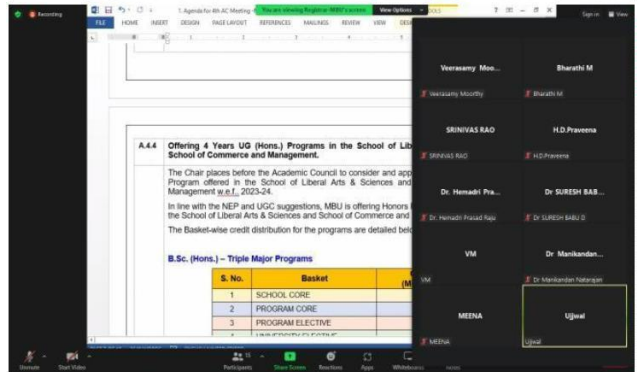
Honorable Vice Chancellor welcoming the members



Introduction of Members by Registrar



Presentation of Agenda and discussion



Suggestions from the members



Interaction with Members



A. Opening Remarks:

Welcome the members to the Academic Council Meeting

The Vice Chancellor welcomed the members for the Fourth Academic Council Meeting on 30th November 2023. The registrar introduced the members and briefed the salient features of MBU from its inception.

K. Suresh Babu
REGISTRAR
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Sree Sainath Nagar, Tirupati
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4.1 Action taken report on Minutes of Academic Council Meetings held during 2022-23

The Chair and Dean(Academic Affairs) appraised the members about meetings of Academic Council held during 2022-23 and presented the action taken report on the resolutions and suggestions made by the members.

- Individual Department Boards of Studies meetings were conducted during June & July 2023.
- MBU22 Academic Regulations have been successfully implemented during 2022-3 for I & II Semesters of programs offered during 2022-23.

B. Items for Consideration and Approval

4.2 Approval of Recommendations of Individual Boards of Studies Meetings held during June and July 2023.

Dean (Academic Affairs), presented the following Minutes of Individual Boards of Studies Meetings (including Curriculum, Syllabus and recommendations/suggestions) to the Academic Council for approval. The same is approved by the members and appreciated the procedure followed in conduction of meeting.

MBU SCHOOL OF COMPUTING

Department of CSE – [Annexure A.4.2a](#)

Department of AI&ML– [Annexure A.4.2b](#)

Department of Data Science– [Annexure A.4.2c](#)

Department of Computer Applications– [Annexure A.4.2d](#)

MBU SCHOOL OF ENGINEERING

Department of ECE – [Annexure A.4.2e](#)

Department of EEE – [Annexure A.4.2f](#)

Department of CE – [Annexure A.4.2g](#)

Department of ME – [Annexure A.4.2h](#)

MBU SCHOOL OF COMMERCE AND MANAGEMENT

Department of Commerce – [Annexure A.4.2i](#)

Department of Management – [Annexure A.4.2j](#)

MBU SCHOOL OF LIBERAL ARTS AND SCIENCE

Department of Mathematical Sciences – [Annexure A.4.2k](#)

Department of Biological & Chemical Sciences – [Annexure A.4.2m](#)

Department of Languages and Social Sciences – [Annexure A.4.2n](#)

MBU SCHOOL OF AGRICULTURE

Department of Agriculture – [Annexure A.4.2p](#)

MBU SCHOOL OF PHARMACEUTICAL SCIENCES (1st BOS Meeting)

Department of Pharmacy – [Annexure A.4.2q](#)


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4.3. Additional Items to MBU22 Academic Regulations

The Chair places before the Academic Council to consider and approve the following Additional Items to the MBU22 Academic Regulations of UG and PG programs from the Academic Year 2022-23 onwards. The same is approved by the members.

Additional Items under Sl. No.12: Evaluation Criteria of MBU22 Academic Regulations.

Clinical Posting	100	Experiential Learning	Day-to-Day evaluation based on the performance in implementing various techniques at clinical departments including maintenance of log book/work diary, continuous appraisals and its Records for 20 marks. Each assessment shall be evaluated for 20 marks and the average of all exercises shall be scaled to 100 marks.
Clinical Training	50	Experiential Learning	Day-to-Day evaluation based on the performance in the clinical assessment of patients including maintenance of log book/work diary, continuous appraisals and evidence-based patient-centric treatment and its Records for 20 marks. Each assessment shall be evaluated for 20 marks and the average of all exercises shall be scaled to 50 marks.
	50	Semester End Examination	The examination shall be conducted for 50 Marks.
Literature Review and Teaching-I, II, III & IV	100	Experiential Learning	<p>Literature Review: In a Semester</p> <p>Journal: The student shall refer Two Journal Papers and the synopsis of each article shall be presented to Evaluation Committee (EC). Each presentation shall be evaluated for 25 marks. The maximum marks for this component shall be 50.</p> <p>Seminar: The student shall collect discipline-specific information through a literature survey on a specialized topic and shall be presented to EC showing his understanding of the topic. The presentation shall be evaluated for 30 marks.</p> <p>UG Teaching: In a Semester The student shall deliver a discipline-specific lecture of Three periods for Under Graduate Students in the presence of EC. Each lecture shall be evaluated for 20 marks and the average of all shall be finalized for 20 marks.</p>
Community Camp-I, II	-	Experiential Learning	During the program of study, the student has to be involved in a minimum of two community/health camps conducted by the University for which 1 Credit shall be awarded. The involvement has to be certified by the HOD/School Dean for the award of credit.


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Project Based Learning	100	Internal Evaluation	Faculty shall notify the problem statement(s) of the PBL and its evaluation methods in the Course Handout after approval of the BOS Chairperson. The progress of the work shall be monitored periodically and evaluation shall be based on TWO reviews. Each review shall be conducted for a maximum of "100" marks. For a total of 100 marks, 80% of better one of the two and 20% of the other one are added and finalized.
Dissertation	100	Semester End Examination	<p>The student shall start collecting information from I-Semester and has to continue till the last semester of program of study. The evaluation shall be in the Final Semester of the program of study. The guide/supervisor shall be assigned during I-Semester itself and the guide has to monitor the progress of the work periodically. The student has to register the title of study within 4 months from the start of I-Semester by submitting a synopsis to HOD/School Dean.</p> <p>The dissertation is aimed to train a postgraduate student in research methods and techniques. It includes identification of a problem, formulation of a hypothesis, search and review of literature getting acquainted with recent advances, designing of a research study, collection of data, critical analysis, and comparison of results and drawing conclusions. Every candidate pursuing MPT degree course is required to carry out work on a selected research project under the guidance of the supervisor. The result of such a work shall be submitted in the form of a dissertation in the final semester of program of study. Any change in the dissertation topic or guide should be informed to the School Dean for its approval.</p> <p>The Semester end examination shall be conducted by a Committee consisting of an External Examiner, HOD and guide/supervisor. The External Examiner shall be nominated by the respective School Dean from the panel of Examiners submitted by the Department.</p> <p>The dissertation certified in the prescribed format by the concerned Supervisor and HOD shall be submitted at one copy to the Department and one copy to the Controller of Examinations in addition to student copy.</p>

Additional Items under Sl. No.13: MOOC of MBU22 Academic Regulations.

A Student who got admitted under Lateral Entry shall be permitted to pursue courses through MOOC to the maximum extent of **30% of Courses**, during the program of study. The duration of the course pursued through MOOC shall be for a minimum period of 08 weeks.

After incorporating the above additional items into the MBU22 Academic Regulations the final version shall be notified as **MBU22 Academic Regulations (Version 1.1)**.



REGISTRAR

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4.4 Offering 4 Years UG (Hons.) Programs in the School of Liberal Arts & Sciences and School of Commerce and Management.

The Dean (Academic Affairs) places before the Academic Council to consider and approve the 4 years UG (Hons.) Program offered in the School of Liberal Arts & Sciences and School of Commerce and Management w.e.f.. 2023-24. The same is approved by the members.

The Basket-wise credit distribution for the programs are detailed below

B.Sc. (Hons.) – Triple Major Programs

S. No.	Basket	Credits (Min.- Max.)
1	SCHOOL CORE	36-45
2	PROGRAM CORE	60-75
3	PROGRAM ELECTIVE	36-54
4	UNIVERSITY ELECTIVE	9-12
TOTAL CREDITS		Min. 160

B.Sc. (Hons.) – Single Major Programs

S. No.	Basket	Credits (Min.- Max.)
1	SCHOOL CORE	28-34
2	PROGRAM CORE	36-42
3	PROGRAM ELECTIVES	24-30
4	INTERDISCIPLINARY MINOR	18-24
5	UNIVERSITY ELECTIVE	9-12
TOTAL CREDITS		Min. 160

BBA and B.Com Programs

S. No.	Basket	Credits (Min. - Max.)
1	SCHOOL CORE	36-45
2	PROGRAM CORE	42-54
3	PROGRAM ELECTIVE	36-45
4	SPECIALIZATION ELECTIVE	21-30
5	UNIVERSITY ELECTIVE	9-12
TOTAL CREDITS		Min. 160


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MOHAN BABU UNIVERSITY
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4.5 Freshmen Induction Program for First Year

Freshmen Induction Programs were organized for the students of various programs admitted during 2023-24 and schedule of Freshmen Induction Program for the academic year 2022-23 is enclosed in [Annexure A.4.5](#)

The members appreciated the activities organized under Freshmen Induction Program and the same is approved.

4.6 Academic Calendars

Dean (Academic Affairs) presented the Academic Calendar for I & III Semester of 2023-24 and II Semester of 2022-23 for approval/Ratification. The members approved/ratified the same.

- ❖ *Academic Calendars for 2023-24 I-Semester for approval - [Annexure A.4.6a](#)*
- ❖ *Academic Calendars for 2023-24 III-Semester for approval - [Annexure A.4.6b](#)*
- ❖ *Academic Calendars for 2022-23 II-Semester for ratification - [Annexure A.4.6c](#)*

4.7 Starting of new Programs in MBU during the Academic Year 2023-24

Dean (Academic Affairs) presented to the members to approve and ratify the list of new programs offered under various schools of MBU during the Academic Year 2023-24.

School of Liberal Arts and Sciences

- ❖ B.Sc. – Forensic Sciences

School of Pharmaceutical Sciences

- ❖ B.Pharmacy
- ❖ M.Pharmacy
- ❖ Pharm.D
- ❖ Pharm.D (Post Bacculaureate)

The members approved the same.

4.8 Syllabus for the Course “Media and Mass Communication Skills”

Dean (Academic Affairs) presented before the Academic Council to approve the syllabus for the Course “Media and Mass Communication Skills”.

Syllabus for Media and Mass Communication Skills is provided in [Annexure A.4.8](#)

The members approved the same.

4.9 Online/Offline Internship

The Members approved to carry out the Internship through either online or offline in parallel and without prejudice to the regular classwork of 2023-24 ODD/EVEN Semester of 2023-24 at their convenience.


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4.10 Change of Specialization in the program of study

Dean (Academic Affairs) presented before the Academic Council to approve the request made by students for change of specialization in the program of study for the following programs:

School of Commerce and Management

- ❖ B.Com (General) to B.Com.-Computer Applications
- ❖ MBA(General-Dual Specialization) and MBA-Business Analytics

Students who opted for B.Com.-Computer Applications are provided in [Annexure A.4.10a](#)

Students who opted for MBA(Business Analytics) are provided in [Annexure A.4.10b](#)

Students who opted for MBA(General-Dual Specialization) are provided in [Annexure A.4.10c](#)

School of Computing

- ❖ BCA-Game and Graphic Design to BCA-Augmented Reality and Virtual Reality

Students who opted for BCA (AR&VR) is provided in [Annexure A.4.10d](#)

Members approved the same on the recommendations of Honorable Vice Chancellor.

D. Items for Reporting

4.11 Courses pursued through MOOC by the students during the Academic Year 2022-23.

Dean (Academic Affairs) presented the list of courses pursued through MOOC by the students during the Academic Year 2022-23. Details are provided in the [Annexure A.4.11](#)

E. Overall Recommendations/Suggestion of the Honorable Members

1. Members were suggested to motivate students to take-up offline internship preferably.
2. Complete semester shall be allocated for Project Work during the program of study.
3. Physical System Models shall be used for demonstration.
4. Introduction of courses on AI based Applications.

The Hon'ble members resolved to authorize the Chairman, Academic Council and Vice Chancellor, Mohan Babu University to effect necessary changes/ modifications in the Academic Regulations / Syllabi / Evaluation procedures/ Academic Calendars and Results wherever deemed necessary and report the same to the Academic Council at its immediate next meeting for ratification.

The Chairman, Academic Council profusely thanked the members for their support, input and guidance.



**REGISTRAR &
MEMBER SECRETARY**



FINANCE COMMITTEE - MINUTES OF MEETING

Name of the Meeting	Academic Year	Date of Meeting	Page Numbers for Minutes of Meeting
1 st Finance Committee Meeting	2022-23	05.08.2022	2-4
2 nd Finance Committee Meeting		24.11.2022	5-6
3 rd Finance Committee Meeting		22.04.2023	7-9
4 th Finance Committee Meeting	2023-24	25.11.2023	10-11

A handwritten signature in green ink, appearing to read 'K. Sreedhar'.

REGISTRAR

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1st MEETING OF FINANCE COMMITTEE

5th August 2022 (Friday) 10:30 AM

(Blended Mode)

MINUTES OF MEETING

Members Present:

1.	Dr. M. Mohan Babu	Chancellor	Chairperson
2.	Sri. Vishnu Manchu	Pro Chancellor	Member
3.	Dr. Nagaraj Ramrao	Vice Chancellor	Member
4.	Dr. K. Saradhi	Registrar	Member
5.	Dr. M. Maruthi Krishna	Board Member, SVET	Member
6.	Sri. Rajagopal	Chartered Accountant	Member
7.	Sri Amrith Gupta	Chartered Accountant	Member
8.	Sri B. Ravisekhar	Director, Chief Finance and Accounts Officer	Member Secretary

F1.1 Welcome the members for the Finance Committee Meeting

The Chancellor welcomed the members for the First Finance Committee Meeting. Further, The Chancellor briefed about the importance of the Committee and its functions to the Members. The Chancellor also mentioned the various activities to be carried out in the forthcoming Academic years.

F1.2 Fixation of Tuition Fee, Examination Fee and Other Fee for the Academic Year 2022-23

The Chair presented the proposed New Fees to be charged under various heads before the Finance Committee to consider and approve. The Fee includes Tuition fee, Examination Fee and Other Fee for various programs offered in MBU for the Academic Year 2022-23.

Details of Fee Particulars are provided in **Annexure-1.1**

F1.3 Budget Proposals for the Financial Year 2022-23

The Chair presented the Budget proposals for the FY 2022-23 and the Committee went through the proposal thoroughly. After discussion, the committee recommended the proposal to submit before the Board of Management for approval.

The details of the Budget are provided in **Annexure-1.2**

F1.4 Maintenance of Separate Books of Accounts for MBU from the Financial Year 2022-23

The committee resolved and recommended for Maintenance of Separate Books of Accounts for MBU from the Financial Year 2022-23.

F1.5 Opening of a separate account for collection of Fee pertaining to MBU

The Committee resolved the Opening of separate accounts for collection of various Fees pertaining to MBU through digital mode.

F1.6 Recommendations of appointment of Vice Chancellor, Registrar, Deans, Vice-Presidents, Heads, Faculty and Staff

The committee considered and resolved to submit the recommendations for the appointment of Vice Chancellor, Registrar, Deans, Vice-Presidents, Heads, Faculty and Staff of MBU to Board of Governance.

F1.7 Progressive transfers of Employees to MBU from erstwhile Sree Vidyanikethan Educational Institutions and submission of recruitment plan

The committee considered and resolved to submit the proposal of the Progressive transfers of Employees to MBU from erstwhile Sree Vidyanikethan Educational Institutions consequent to the amalgamation of institutions as Mohan Babu University under brown field and also to permit the HR Department to submit the faculty and Staff recruitment plan for the year 2022-23.

Details are provided in **Annexure-1.3**

F1.8 Approval of MBU Fee Refund Policy

The committee considered and resolved to recommend the proposal to the Board of Management for ratification the MBU Fee Refund Policy for the year 2022-23.

MBU Fee Refund Policy is provided in **Annexure-1.4**

F1.9 Approval of MBU Scholarship Policy

The committee considered and resolved to recommend the proposal to the Board of Management for ratification of the MBU Scholarship policy for the year 2022-23.

MBU Scholarship Policy is provided in **Annexure-1.5**


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F1.10 Approval of proposals of Remuneration/Honorarium, TA and DA payable to the members of Statutory Bodies, Experts, Resources Persons delivering lectures, talks etc., Faculty and Staff attending training programs

The Committee considered the proposal thoroughly in detail and recommended it to the Board of Management for further approval of the Remuneration/Honorarium, TA and DA payable to the members of Statutory Bodies, Experts, Resources Persons delivering lectures, talks etc., Faculty and Staff attending training programs

Details are provided in **Annexure-1.6**

F1.11 Any Other Item

The Hon'ble members resolved to authorize the Chairman, Finance Committee, Mohan Babu University to effect necessary changes/ modifications wherever deemed necessary and report the same to the Finance Committee at its immediate next meeting for ratification.

The Chairman, Finance Committee profusely thanked the members for their support, input and guidance.



**DIRECTOR/CHIEF FINANCE
AND ACCOUNTS OFFICER
& MEMBER SECRETARY**


**REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102**



2nd MEETING OF FINANCE COMMITTEE

24th November 2022 (Thursday) 03:30 PM

(Blended Mode)

MINUTES OF MEETING

Members Present:

1.	Dr. M. Mohan Babu	Chancellor	Chairperson
2.	Sri. Vishnu Manchu	Pro Chancellor	Member
3.	Dr. Nagaraj Ramrao	Vice Chancellor	Member
4.	Dr. K. Saradhi	Registrar	Member
5.	Sri. Rajagopal	Chartered Accountant	Member
6.	Sri Amrish Gupta	Chartered Accountant	Member
7.	Sri B. Ravisekhar	Director, Chief Finance and Accounts Officer	Member Secretary

Dr. Maruthi Krishna, Board Member, SVET could not able to attend the meeting.

F2. 1 Review of Budget allocation and Actual Expenditure under Various Heads for the Half Year ending 30th September 2022.

The Chair presented the Budget allocation and Actual Expenditure under various heads for the Half Year ending 30th September 2022 to the members of the Finance Committee. The members appreciated the process followed and no deviation in the budget and expenditure under various heads.

The details of Budget allocation and Actual Expenditure are provided in the **Annexure F2.1**

F2. 2 Review of Monthly Financial Reports and Cash Flow in conformity with the Approved Budget

The Chair presented the Month-wise Financial Report and its Cash Flow including fee collection in accordance with the approved Budget. The members thoroughly discussed the procedure followed and expressed their happiness with the transparency maintained by MBU.


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F2. 3 Review of Students Admission to all the Programs for the year 2022-23 and Approval for Revision of Intake

The Chair presented the current status of admission for the year 2022-23 for various Programs offered to the members of the Finance Committee for review. The chair also presented the revised intake of programs and appraised that the admissions are under progress for all the programs offered and informed that the final status will be shared once admissions are completed for the year 2022-23. The members approved the revised intake of programs.

The current status of admission is provided in **Annexure-F2.3a**

Revised intake details are provided in **Annexure-F2.3b**

F2. 4 Review of Faculty and Staff Recruitment during August-September 2022

The Chair presented the new Appointments of Faculty and Staff from August 2022 to September 2023 and Promotions of various cadres for approval and ratification. The members approved and ratified the recruitment and promotions and recommended the same to the Board of Management for further approval.

The details of recruitment and promotions are provided in **Annexure F2.4**

F1. 5 Approval for the Rates of Remuneration payable to Examiners and Evaluators

The Chair presented the rates of Remuneration payable to Examiners and Evaluators submitted by the Controller of Examinations for approval. The committee considered the proposal recommended to the Board of Management for further approval.

The details are provided in **Annexure F2.5.**

F1.11 Any Other Item

The Hon'ble members resolved to authorize the Chairman, Finance Committee, Mohan Babu University to effect necessary changes/ modifications wherever deemed necessary and report the same to the Finance Committee at its immediate next meeting for ratification.

The Chairman, Finance Committee profusely thanked the members for their support, input and guidance.



**DIRECTOR/CHIEF FINANCE
AND ACCOUNTS OFFICER
& MEMBER SECRETARY**


**REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102**



3rd MEETING OF FINANCE COMMITTEE

22nd April 2023 (Saturday) 11:30 AM

(Blended Mode)

MINUTES OF MEETING

Members Present:

1.	Dr. M. Mohan Babu	Chancellor	Chairperson
2.	Sri. Vishnu Manchu	Pro Chancellor	Member
3.	Dr. Nagaraj Ramrao	Vice Chancellor	Member
4.	Dr. K. Saradhi	Registrar	Member
5.	Dr. M. Maruthi Krishna	Board Member, SVET	Member
6.	Sri. Rajagopal	Chartered Accountant	Member
7.	Sri Amrish Gupta	Chartered Accountant	Member
8.	Sri B. Ravisekhar	Director, Chief Finance and Accounts Officer	Member Secretary

F3.1 Submission of Budget for the Financial Year 2023-24

The Chair presented the Budget proposals for the FY 2023-24 and the Committee went through the proposal thoroughly. After discussion, the committee recommended the proposal to submit before the Board of Management for further approval.

The details of the Budget are provided in **Annexure-3.1**

F3.2 Revision of Fee and Program Intake

The Chair presented the Revised Fee and Revised Program Intake to the Finance Committee for approval. The members discussed thoroughly on revision of Fee and Program Intake and approved the same. The members resolved to submit the same to the Board of Management for further approval

The details of the revised Fee are provided in the **Annexure-F3.a**

The details of Program intake are provided in **Annexure-F3.b**


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F3. 3 Review of Monthly Financial Reports and Cash Flow in conformity with the approved budget

The Chair presented the FY:2022023 Month-wise Financial Report and its Cash Flow including fee collection in conformity with the approved Budget of 2022-23. The members thoroughly checked and appreciated the process followed in the documentation

The details of Financial Reports and Cash Flow are **provided in the Annexure.**

F3. 4 Approval of Proposed/Revised Rate of Remuneration payable to Examiners and Evaluators

The Chair presented the additions and revisions in the rate of remuneration payable to Examiners and Evaluators to the Finance Committee for approval. The members approved the same.

The details are provided in **Annexure-F2.4**

F3. 5 Approval of Fee Structures for Ph.D. Programs by National and International Students

The Chair presented the Fee Structure of Ph.D. Programs for National and International Students to the Finance Committee for approval. The members discussed the areas of offering and aspirants' and finally approved the proposal.

The details of Fee Structures for Ph.D. Programs are provided in the **Annexure-F3.5**

F3. 6 Approval for Appointment of Faculty & Staff and Promotions

The Chair presented the new Appointments of Faculty and Staff from the 2nd Finance Committee meeting and Promotions of various cadres for approval and ratification. The members approved and ratified the recruitment and promotions and recommended the same to the Board of Management for further approval.

The details of recruitment and promotions are provided in **Annexure F2.4**

F3. 7 Approval of Revised Fee Refund Policy

The Chair presented the revised the Revised Fee Refund Policy of MBU. The committee considered and resolved to recommend the proposal to the Board of Management for ratification
The Revised Fee Refund Policy is provided in **Annexure-F3.7**

F3. 8 Approval of Revised Scholarship Policy

The Chair presented the revised Revised Scholarship Policy of MBU. The committee considered and resolved to recommend the proposal to the Board of Management for ratification
The Revised Scholarship Policy is provided in **Annexure-F3.8**


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F3.9 Any Other Item

The Hon'ble members resolved to authorize the Chairman, Finance Committee, Mohan Babu University to effect necessary changes/ modifications wherever deemed necessary and report the same to the Finance Committee at its immediate next meeting for ratification.

The Chairman, Finance Committee profusely thanked the members for their support, input and guidance.



**DIRECTOR/CHIEF FINANCE
AND ACCOUNTS OFFICER
& MEMBER SECRETARY**


**REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102**



4th MEETING OF FINANCE COMMITTEE

25th November 2023 (Saturday) 03:00 PM

(Blended Mode)

MINUTES OF MEETING

Members Present:

1.	Dr. M. Mohan Babu	Chancellor	Chairperson
2.	Sri. Vishnu Manchu	Pro Chancellor	Member
3.	Dr. Nagaraj Ramrao	Vice Chancellor	Member
4.	Dr. K. Saradhi	Registrar	Member
5.	Dr. M. Maruthi Krishna	Board Member, SVET	Member
6.	Sri. Rajagopal	Chartered Accountant	Member
7.	Sri Amrish Gupta	Chartered Accountant	Member
8.	Sri B. Ravisekhar	Director, Chief Finance and Accounts Officer	Member Secretary

F4. 1 Fee fixation for NRI Student Admissions to UG and PG Programs

The Chair presented the Fee for NRI Student Admission to UG and PG Programs offered at MBU to the Finance Committee for approval. The committee thoroughly discusses the policies of UGC in NRI admissions and approved the proposal submitted.

The details Fee for NRI Student Admission are provided in the **Annexure-F4.1**.

F4. 2 Approval for Appointment of Faculty & Staff and Promotions

The Chair presented the new Appointments of Faculty and Staff from the 3rd Finance Committee meeting and Promotions of various cadres for approval and ratification. The members approved and ratified the recruitment and promotions and recommended the same to the Board of Management for further approval.

The details of recruitment and promotions are provided in **Annexure F4.2**


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F4. 3 Review of Students Admission to all the Programs for the year 2023-24

The Chair presented the current status of admission for the year 2023-24 for various Programs offered to the members of the Finance Committee for review. The chair appraised that the admissions are under progress for all the programs offered and informed that the final status will be shared once admissions are completed for the year 2023-24.

The current status of admission is provided in **Annexure-F4.3**

F4. 4 Approval of intake and fee for the year 2024-25

The Chair presented the proposal of intake and Fee particulars for the year 2024-25 to the Finance Committee for approval. After discussion, the committee recommended the proposal to submit before the Board of Management for further approval.

The details of Intake and Fee for the Year 2024-25 are provided in the **Annexure-F4.4**

F4. 5 Any Other Item

The Hon'ble members resolved to authorize the Chairman, Finance Committee, Mohan Babu University to effect necessary changes/ modifications wherever deemed necessary and report the same to the Finance Committee at its immediate next meeting for ratification.

The Chairman, Finance Committee profusely thanked the members for their support, input and guidance.



**DIRECTOR/CHIEF FINANCE
AND ACCOUNTS OFFICER
& MEMBER SECRETARY**


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BOARD OF STUDIES - MINUTES OF MEETING

Department	2022-23 1 st Meeting	Page Numbers
Combined BOS Meeting (First)	15.07.2022	1-5
Combined BOS Meeting (Second)	20.08.2022	6-9

Department	2022-23 1 st Meeting	Page Numbers	2023-24 2 nd Meeting	Page Numbers
Electronics and Communication Engineering	15.07.2022	10-14	24.06.2023	103-109
Electrical and Electronics Engineering	15.07.2022	15-19	24.06.2023	110-114
Civil Engineering	15.07.2022	20-24	24.06.2023	115-122
Mechanical Engineering	15.07.2022	25-29	24.06.2023	123-129
Computer Science and Engineering	15.07.2022	30-35	22.06.2023	130-135
Data Science	15.07.2022	36-41	24.06.2023	136-140
Computer Applications	15.07.2022	42-47	22.06.2023	141-145
Biological and Chemical Sciences	20.08.2022	55-60	24.06.2023	146-151
Mathematical Sciences	20.08.2022	61-67	24.06.2023	152-160
Languages and Social Sciences	20.08.2022	68-75	24.06.2023	161-165
Management	20.08.2022	76-82	24.06.2023	166-172
Commerce	20.08.2022	83-87	24.06.2023	173-177
Paramedical Sciences	21.01.2023	88-92	23.01.2024	178-180
Physiotherapy	25.01.2023	93-97	08.12.2023	178-180
Agriculture	06.02.2023	98-102	28.06.2023	181-185
Pharmacy	-NA-	-	28.06.2023 (1 st Meeting)	186-190

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School of Engineering and School of Computing

MINUTES OF MEETING

1st Meeting of Combined Boards of Studies

for UG and PG held on 15.07.2022 at 10:30 AM

Members Present:

ELECTRICAL AND ELECTRONICS ENGINEERING (EEE)		
1.	Dr. K. Siva Kumar	External Member
2.	Mr. Mahesh Patil	External Member
3.	Mr. V. Naveen Subramanyam	External Member
4.	Dr. M. S. Sujatha	Internal Member
5.	Dr. T. Nageswara Prasad	Internal Member
6.	Dr. P. Umapathi Reddy	Internal Member
7.	Dr. S. Farook	Internal Member
8.	Dr. E. Parimalasundar	Internal Member
9.	Dr. B. Hemanth Kumar	Internal Member
10.	Mr. M. Manohara	Internal Member
11.	Mr. T. Kosaleswara Reddy	Internal Member
ELECTRONICS AND COMMUNICATION ENGINEERING (ECE)		
12.	Mr. V. Muniswara Reddy	External Member
13.	Mr. V.R. Pradeep Bharadwaj	External Member
14.	Dr. N. Gireesh	Internal Member
15.	Dr. N. Padmaja	Internal Member
16.	Dr. D. Leela Rani	Internal Member
17.	Dr. V. Vijaya Kishore	Internal Member
18.	Dr. N. Ashok Kumar	Internal Member
19.	Dr. Y. Dileep Kumar	Internal Member
20.	Mr. P. Madhu Kumar (SL)	Internal Member
21.	Ms. K. Neelima	Internal Member
22.	Ms. N. Harathi	Internal Member
COMPUTER SCIENCE AND ENGINEERING (CSE)		
23.	Dr. P Radha Krishna	External Member
24.	Dr. Pethuru Raj	External Member



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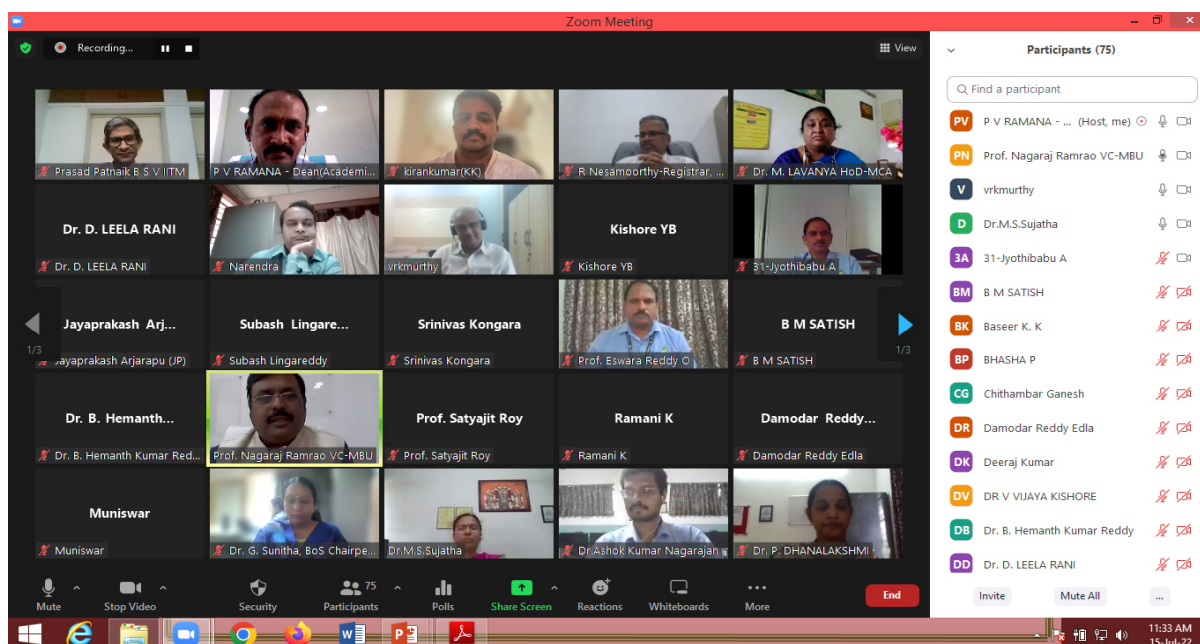
25.	Mr. Jayaprakash Arjarapu	External Member
26.	Dr. B. Narendra Kumar Rao	Internal Member
27.	Dr. G. Sunitha	Internal Member
28.	Dr. K. Reddy Madhavi	Internal Member
29.	Dr. V. Anantha Natarajan	Internal Member
30.	Dr. V. Lokanadham Naidu	Internal Member
31.	Dr. D. Ganesh	Internal Member
32.	Ms. K. Ghanya	Internal Member
ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND CYBER SECURITY		
33.	Dr. Damodar Reddy Edla	External Member
34.	Mr. Srinivasa Kongara	External Member
35.	Mr. Subash Lingareddy	External Member
36.	Dr. K. Ramani	Internal Member
37.	Dr. P. Dhana Lakshmi	Internal Member
38.	Dr. J. Avanija	Internal Member
39.	Dr. K. K. Baseer	Internal Member
40.	Dr. M. Sunil Kumar	Internal Member
41.	Dr. V. Jyothsna	Internal Member
42.	Mr. P. Bhasha	Internal Member
43.	Mr. M. Ramu	Internal Member
CIVIL ENGINEERING (CE)		
44.	Dr. G. Madhavi Latha	External Member
45.	Mr. K. Deeraj Kumar Reddy	External Member
46.	Dr. K. Narasimhulu	Internal Member
47.	Dr. O. Eswara Reddy	Internal Member
48.	Dr. Hemadri Prasad Raju	Internal Member
49.	Dr. D. Srinivasa Murthy	Internal Member
50.	Dr. A. Chithambar Ganesh	Internal Member
MECHANICAL ENGINEERING (ME)		
51.	Dr. B. S. V. Prasad Patnaik	External Member
52.	Mr. K. Venugopal	External Member
53.	Dr. R. Satya Meher	Internal Member
54.	Dr. T. Hariprasad	Internal Member
55.	Dr. K. L. Narasimhamu	Internal Member
56.	Dr. P. Prakash	Internal Member
57.	Dr. Ramesh Raju	Internal Member
58.	Dr. T. M. Gurubasavaraju	Internal Member
59.	Mr. S. Lakshmi Narayana	Internal Member
COMPUTER APPLICATIONS (CA)		

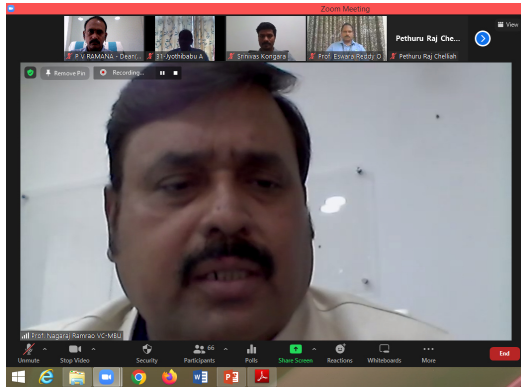
60.	Prof. R. B. V. Subramanyam	External Member
61.	Mr. Y. Naveen Kumar Reddy	External Member
62.	Mr. Kiran Kumar Mattam	External Member
63.	Dr. M. Lavanya	Internal Member
64.	Dr. A. Jyothi Babu	Internal Member
65.	Ms. Sowmya Vani	Internal Member
66.	Ms. Manasa Kommineni	Internal Member
BASIC SCIENCES AND HUMANITIES (BS&H)		
67.	Dr. Satyajit Roy	External Member
68.	Prof V. R. K. Moorthy	External Member
69.	Prof. K. Vijaya Krishna	External Member
70.	Dr. T. Chalapathi,	Internal Member
71.	Dr. K. Kumaraswamy Naidu	Internal Member
72.	Dr. Y. B. Kishore Kumar	Internal Member
73.	Dr. Y. B. Kiran	Internal Member
74.	Dr. C. Raghavendra Reddy	Internal Member

Members not attended the Meeting:

1.	Dr. Sivaprasad Kotamraju	ECE	External Member
2.	Ms. Harshita Jain	CE	External Member
3.	Dr. K. Ramesh Kumar	ME	External Member
4.	Dr. P. Hari Padma Rani	BS&H	External Member

Screenshots of the Meeting:





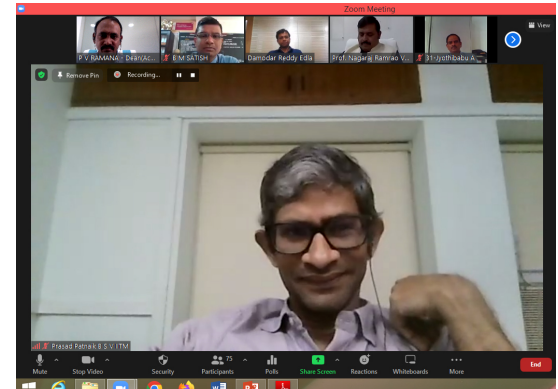
Honorable VC Addressing the Members



Registrar Addressing the Members



Dean, School of Engineering and School of Computing welcoming the Members



Dr. Patnaik, IITM, Chennai interacting during the Meeting

1. Vision and Mission of the Mohan Babu University.

Appraised the Vision and Mission of the MBU to the BOS members (**ANNEXURE-I**). Members have appreciated.

2. Philosophy of Curriculum of MBU School of Engineering and MBU School of Computing.

Appraised the philosophy of Curriculum of MBU School of Engineering and MBU School of Computing to the BOS members. Members have appreciated the MBU Curriculum which is contemporary.

3. Salient Features of MBU Academic Regulations.

Appraised the salient features of Academic regulations of MBU School of Engineering and MBU School of Computing to BOS Members (**ANNEXURE-II**). Members have appreciated in framing the academic regulations in a best possible way and approved the same. In addition, the following suggestions are made by the members for further improvement.

- ✓ Guided Minor Degree
- ✓ Advanced Courses to be delivered by Industry Experts
- ✓ Courses shall be updated periodically to cater the needs of industry.


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4. Schools and Programs in MBU.

Apprasied the Schools and Programs that are planned to offer under MBU. Members have appreciated the variety of programs planned under different schools of MBU.

5. Sample Course Structures – UG and PG

Apprasied one UG and one PG course structure to the BOS Members **(ANNEXURE-III)**.

Meeting concluded with thanks to the Members.



Dr. P. VENKATRAMANA
Dean (Academic Affairs)


REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102




2nd Meeting of Combined Boards of Studies
for UG and PG held on 20.08.2022 at 10:30 AM

School of Commerce and Management
and
School of Liberal Arts and Sciences

MINUTES OF MEETING

Members Present:

MATHEMATICAL SCIENCES		
1.	Dr. P. Ramakanth Kumar	External Member
2.	Dr. D. Seshachalam	External Member
3.	Ms. Madhumathi	External Member
4.	Dr. P. V. Satyanarayana	External Member
5.	Dr. K.Kumaraswamy Naidu	Internal Member
6.	Dr. T. Chalapathi	Internal Member
7.	Dr. A.V.M. Prasad	Internal Member
8.	Dr. M.Sudheer Babu	Internal Member
9.	Dr. P.Vishnu Prasanth	Internal Member
10.	Dr. P. Manohar	Internal Member
11.	Dr. K. Srinivasulu	Internal Member
12.	Mr. K. Muni Sankar	Internal Member
13.	Ms. M. Sreevani	Internal Member
14.	Mr. K. Anjaneyulu	Internal Member
BIOLOGICAL AND CHEMICAL SCIENCES		
15.	Dr. P. Uma Maheshwari Devi	External Member
16.	Dr. M F Stephen Babu	External Member
17.	Dr. Velavan Kathirvelu	External Member
18.	Dr. Y B Kiran	Internal Member
19.	Dr. M.M. Kesavalu	Internal Member
20.	Dr. S. Hemanthphanikumar	Internal Member
21.	Dr. M Varalakshmi	Internal Member
22.	Dr. A Umaravisankar	Internal Member
23.	Dr. Charles Lekhya Priya	Internal Member



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Languages and Social Sciences		
24.	Prof. L. Kullaiah Reddy	External Member
25.	Dr. C. Raghavendra Reddy	Internal Member
26.	Dr. M. Ravichand	Internal Member
27.	Dr. G.M. Madhavi	Internal Member
28.	Mr. M.N. Sreedhar	Internal Member
29.	Dr. V.V. Parthu	Internal Member
30.	Mr. Bala Murugan	Internal Member
COMMERCE		
31.	Prof. V. Appa Rao	External Member
32.	Dr. K. Muneendra	Internal Member
33.	Dr. S. Karim	Internal Member
34.	Dr. S. Susendiran	Internal Member
35.	Dr. P. Changalrayulu	Internal Member
36.	Dr. D. Krupavathi	Internal Member
37.	Dr. D. Venkatesh	Internal Member
38.	Mr. G. Subramanyam	Internal Member
MANAGEMENT		
39.	Dr. Anil Rao Paila	External Member
40.	Mr. P. Mohan	External Member
41.	Dr. C. Prabhakar Reddy	External Member
42.	Dr. M. Naresh Babu	Internal Member
43.	Dr. N. Gurunatha Naidu	Internal Member
44.	Dr. B. Nagarjuna	Internal Member
45.	Dr. J. Murthy	Internal Member
46.	Dr. Joice Swarnalatha	Internal Member
47.	Dr. Cristina Mary Alexander	Internal Member
48.	Dr. K. Balaji	Internal Member

Members not attended the Meeting:

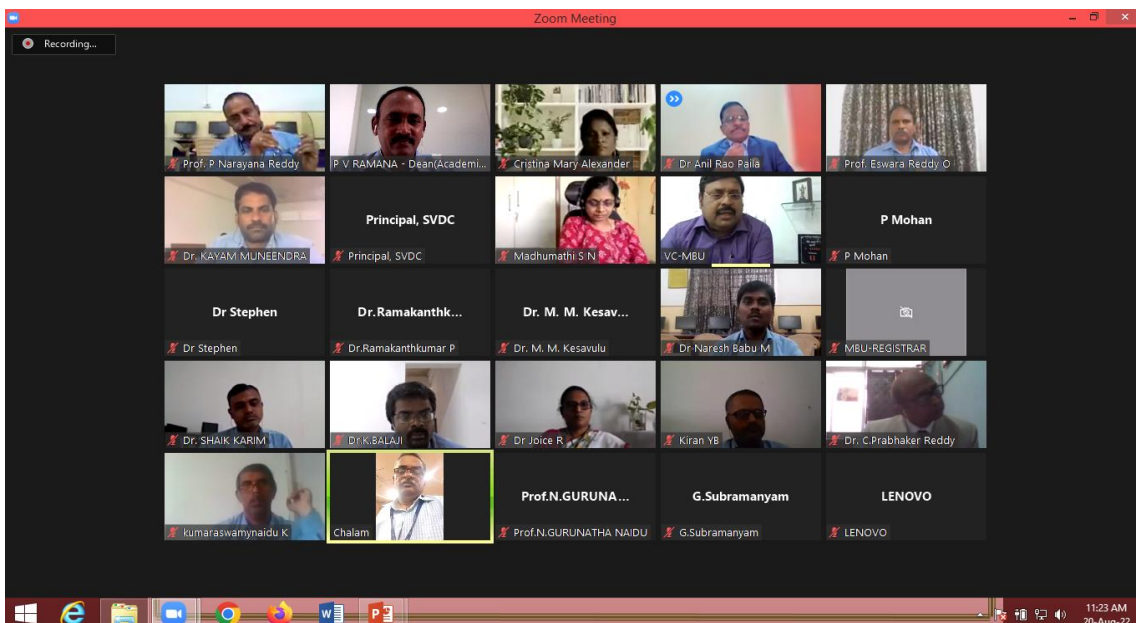
1.	Prof. G.M. Sundaravalli	Languages	External Member
2.	Dr. P. Kusuma Harinath	Languages	External Member
3.	Prof. G. Stanley Jayakumar	Languages	External Member
4.	Mr. C. Venkatrathnam	Commerce	External Member
5.	Ms. V. Supraja	Commerce	External Member
6.	Mr. K. Paniprasad	Management	External Member



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Screenshots of the Meeting:



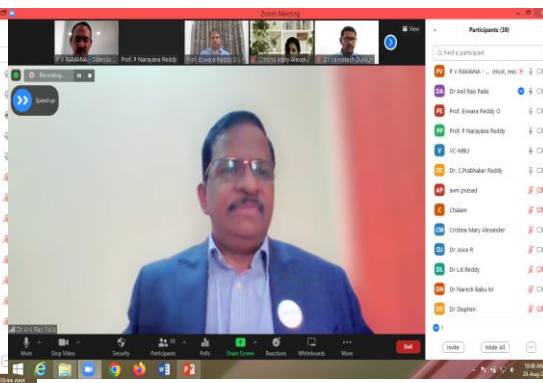
Honorable VC Addressing the Members



Registrar Addressing the Members



Dean, School of Commerce and Management interacting with the Members

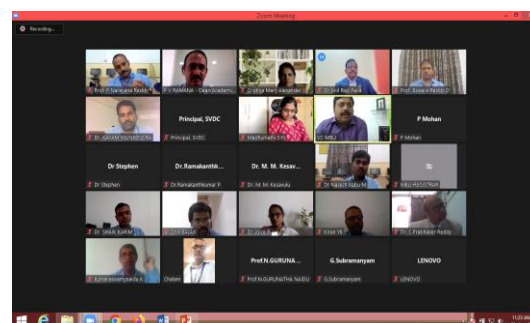


Dr. Anil Rao interacting during the Meeting

Salient Features of MBU Academic Regulations

- ❖ Common Academic Regulations for all Programs
- ❖ Three Semester/Year
 - ✓ Two Regular Semester – Regular Course work and Evaluation
 - ✓ One Summer Semester – For Failed students only.
- ❖ Fully Flexible Choice Based Credit System (FFCBCS)
 - Students have flexibility in opting the courses from the respective basket after satisfying the pre-requisites (Approval through mentor).
- ❖ Around 30% credits accommodate courses from other disciplines.
- ❖ Courses having different composition like Theory, Theory embedded with Practical, Theory with Project Based Learning, Theory embedded with Practical & PBL, Practical, Practical embedded with PBL.
- ❖ No limit in registering extra credits after the min. requirement is satisfied.
- ❖ Flexibility in converting Credit Course into Audit Course for CGPA improvement if student having extra credits.

Dean (Academic Affairs), presenting the salient features of MBU Regulations



Hon'ble VC Addressing the queries

Meeting Credentials

Link: <https://zoom.us/j/9769083542?pwd=aXJhbGZGU3FnOW13RnlUOFVEeEQ1UT09>

Meeting ID : **9769083542**

Passcode : **54321**

1. Vision and Mission of the Mohan Babu University.

Appraised the Vision and Mission of the MBU to the BOS members (**ANNEXURE-I**). Members have appreciated.

2. Philosophy of Curriculum of MBU School of Commerce and Management and MBU School of Liberal Arts and Sciences.

Appraised the philosophy of Curriculum of MBU School of Commerce and Management and MBU School of Liberal Arts and Sciences to the BOS members. Members have appreciated the MBU Curriculum which is contemporary.

3. Salient Features of MBU Academic Regulations.

Appraised the salient features of Academic regulations of MBU School of Commerce and Management and MBU School of Liberal Arts and Sciences to BOS Members (**ANNEXURE-II**). Members have appreciated in framing the academic regulations in a best possible way and approved the same. In addition, the following suggestions are made by the members for further improvement.

- ✓ More courses on Entrepreneurship
- ✓ Partial course delivery by Industry Experts
- ✓ Courses shall be updated periodically to cater the needs of industry.

4. Schools and Programs in MBU.

Appraised the Schools and Programs that are planned to offer under MBU. Members have appreciated the variety of programs planned under different schools of MBU.

5. Sample Course Structures – UG and PG

Appraised one UG and one PG course structure to the BOS Members (**ANNEXURE-III**).

Meeting concluded with thanks to the Members.



Dr. P. VENKATRAMANA
Dean (Academic Affairs)


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School of Engineering

Department of Electronics and Communication Engineering

Agenda for 1st Meeting of Board of Studies in Electronics and Communication Engineering for UG and PG on 15.07.2022 at 11:30 AM

(Online Mode)

Google Meeting Link: <https://meet.google.com/qdv-zbgk-hit>

1. Vision and Mission of the Department.
2. PEOs, POs, PSOs, and Course Structure of B.Tech. Electronics and Communication Engineering; and Syllabi with Course Outcomes for the Courses of I B.Tech. Electronics and Communication Engineering (Under MBU Regulations).
3. PEOs, POs, PSOs, and Course Structure of B.Tech. Electronics and Communication Engineering with specialization in Embedded Systems and IoT and Syllabi with Course Outcomes for the Courses of I B.Tech. Electronics and Communication Engineering with specialization in Embedded Systems and IoT (Under MBU Regulations).
4. PEOs, POs, PSOs, and Course Structure of B.Tech. Electronics and Instrumentation Engineering; and Syllabi with Course Outcomes for the Courses of I B.Tech. Electronics and Instrumentation Engineering (Under MBU Regulations).
5. PEOs, POs, PSOs, and Course Structure of B.Tech. Electronics and Instrumentation Engineering with specialization in Biomedical Engineering and Syllabi with Course Outcomes for the Courses of I B.Tech. Electronics and Instrumentation Engineering with specialization in Biomedical Engineering (Under MBU Regulations).
6. PEOs, POs, and Course Structure and Syllabi with Course Outcomes for the Courses of M.Tech. VLSI and Embedded System Design (Under MBU Regulations).
7. Any other Item


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Dr. N. Gireesh
CHAIRMAN
BOS in ECE



School of Engineering

Department of Electronics and Communication Engineering

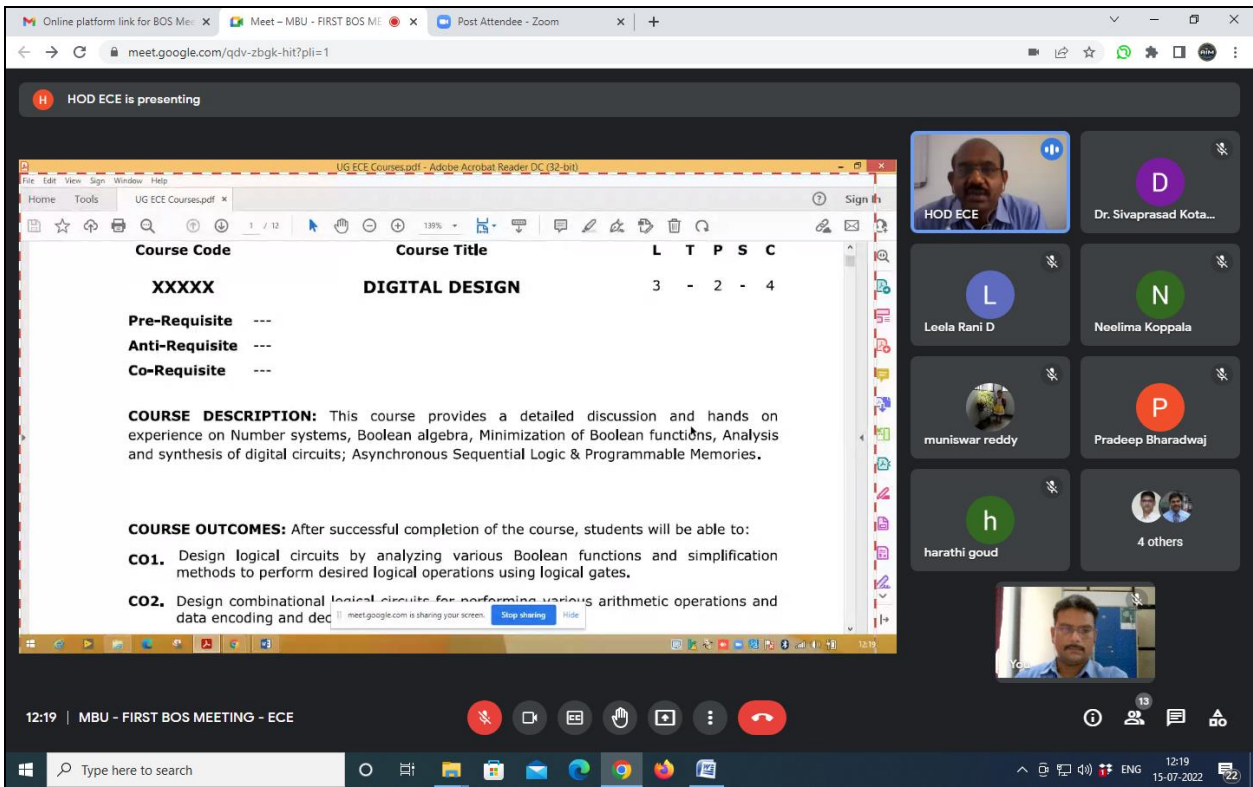
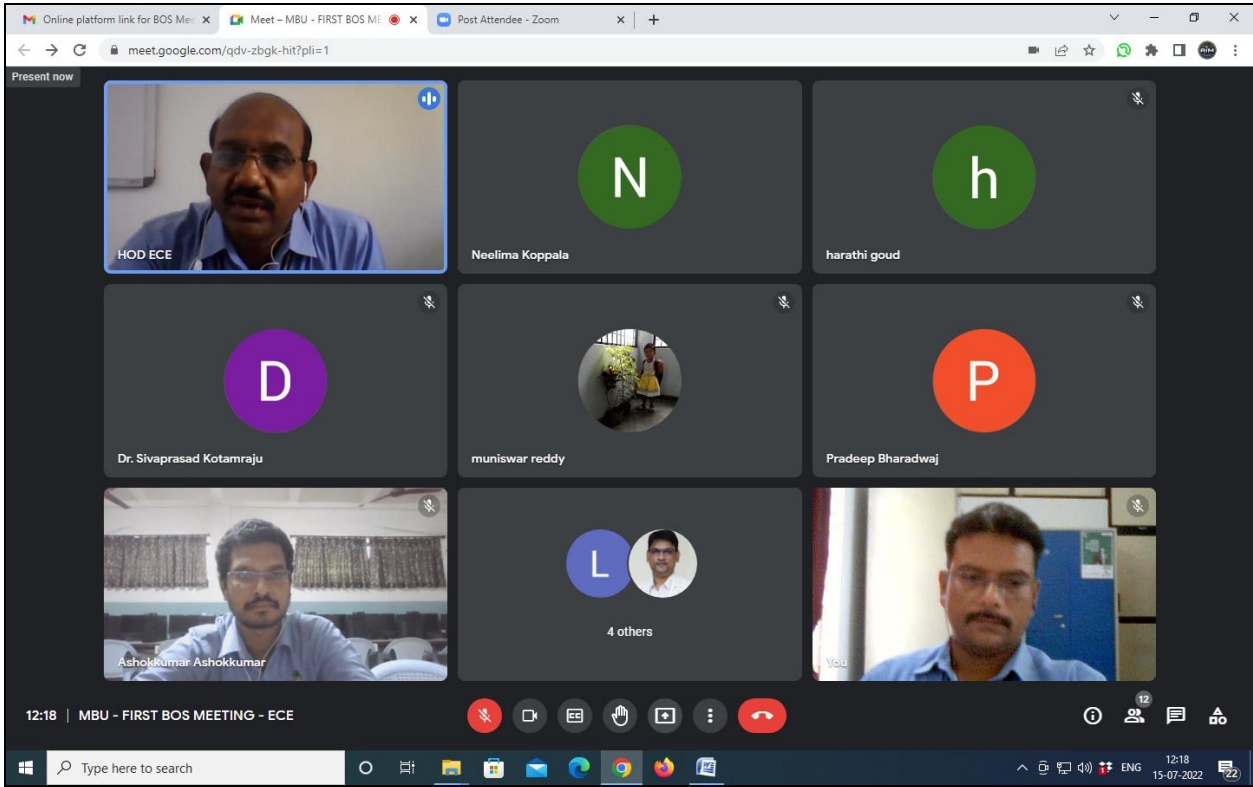
MINUTES OF MEETING

1st Meeting of Board of Studies in Electronics and Communication Engineering for UG and PG held on 15.07.2022 at 11:30 AM

Members Present:

S. No.	Name of the Member	Designation	Signature
1.	Dr. N. Gireesh Professor & Head	Chairman	
2.	Dr. Sivaprasad Kotamraju Associate Professor & Head, ECE IIIT Sricity, A.P.	External Member (Academics)	
3.	Mr. V. Muniswara Reddy DFT CAD Engineer Google India Pvt. Ltd., Bengaluru	External Member (Industry)	
4.	Mr. V. R. Pradeep Bharadwaj SoC Design Engineer (DFT) Intel Tech India Pvt. Ltd., Bengaluru	External Member (Alumni)	
5.	Dr. N. Padmaja Professor	Internal Member (Academia)	
6.	Dr. D. Leelarani Professor	Internal Member (Academia)	
7.	Dr. V. Vijaya Kishore Professor	Internal Member (Academia)	
8.	Dr. N. Ashok Kumar Associate Professor	Internal Member (Academia)	
9.	Dr. Y. Dileep Kumar Associate Professor	Internal Member (Academia)	
10.	Mr. P. Madhu Kumar Assistant Professor (SL)	Internal Member (Academia)	
11.	Ms. K. Neelima Assistant Professor	Internal Member (Academia)	
12.	Ms. N. Harathi Assistant Professor	Internal Member (Academia)	

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Andhra Pradesh-517 102

1. Vision and Mission of the Department.

BOS Members approved the proposed Vision and Mission of the Department (**ANNEXURE-I**).

2. PEOs, POs, PSOs, and Course Structure of B.Tech. of Electronics and Communication Engineering; and Syllabi with Course Outcomes for the Courses of I B.Tech. of Electronics and Communication Engineering (Under MBU Regulations).

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of Electronics and Communication Engineering core courses of I B.Tech. Electronics and Communication Engineering of MBU Regulations (**ANNEXURE-II**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of other courses of I B.Tech. Electronics and Communication Engineering. Suggested to modify the contents in Module 5 in Digital Design course.

3. PEOs, POs, PSOs, and Course Structure of B.Tech. Electronics and Communication Engineering with specialization in Embedded Systems and IoT and Syllabi with Course Outcomes for the Courses of I B.Tech. Electronics and Communication Engineering with specialization in Embedded Systems and IoT (Under MBU Regulations).

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of Electronics and Communication Engineering core courses of I B.Tech. Electronics and Communication Engineering with specialization in Embedded Systems and IoT of MBU Regulations (**ANNEXURE-III**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of other courses of I B.Tech. Electronics and Communication Engineering with specialization in Embedded Systems and IoT.

4. PEOs, POs, PSOs, and Course Structure of B.Tech. Electronics and Instrumentation Engineering; and Syllabi with Course Outcomes for the Courses of I B.Tech. Electronics and Instrumentation Engineering (Under MBU Regulations).

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of Electronics and Instrumentation Engineering core courses of I B.Tech. Electronics and Instrumentation Engineering of MBU Regulations (**ANNEXURE-IV**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of other courses of I B.Tech. Electronics and Instrumentation Engineering.

5. PEOs, POs, PSOs, and Course Structure of B.Tech. Electronics and Instrumentation Engineering with specialization in Biomedical Engineering and Syllabi with Course Outcomes for the Courses of I B.Tech. Electronics and Instrumentation Engineering with specialization in Biomedical Engineering (Under MBU Regulations).

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of Electronics and Instrumentation Engineering core courses of I B.Tech. Electronics and Instrumentation Engineering with specialization in Biomedical Engineering of MBU Regulations (**ANNEXURE-V**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of other courses of I B.Tech. Electronics and Instrumentation Engineering with specialization in Biomedical Engineering.


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6. PEOs, POs, and Course Structure and Syllabi with Course Outcomes for the Courses of M.Tech. VLSI and Embedded System Design (Under MBU Regulations).

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of core courses of of M.Tech. VLSI and Embedded System Design of MBU Regulations (**ANNEXURE-VI**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of courses of M.Tech. VLSI and Embedded System Design.

In addition, the following suggestions are made for further improvement.

1. Suggested to incorporate the tools Mentor Graphics TESSANT Tool, Cadence Tool
2. Suggested to change the VLSI Verification and Testing to Design for Testability
3. Introduce Verilog HDL/VHDL Course
4. Suggested minor changes in the syllabus

Meeting concluded with thanks to the Members.



**Dr. N. Gireesh
Chairman
Board of Studies in ECE**



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School of Engineering
Department of Electrical and Electronics Engineering
Agenda for 1st Meeting of Board of Studies in Electrical and Electronics
Engineering
for UG and PG on 15.07.2022 at 11:45 AM

(Online Mode through Google Meet)

Google Meeting Link: <https://meet.google.com/hwm-nxrv-kgs>

1. Introduction of Board of Studies members.
2. Glimpses of Electrical and Electronics Engineering Department under SVEC.
3. Vision and Mission of the Department.
4. Programs offered by EEE Department, School of Engineering under MBU.
5. POs, PSOs, course baskets, Course structure and detailed syllabus for B.Tech.
Electrical and Electronics Engineering.
6. POs, PSOs, course baskets, Course structure and detailed syllabus for B.Tech.
Power Systems and High Voltage Engineering.
7. POs, PSOs, course baskets, Course structure and detailed syllabus for B.Tech.
Automotive Electronics.
8. POs, course baskets and Course structure for M.Tech. **Electrical Power Systems.**
9. Any other Item

Dr. M S Sujatha
Chairman

BOS in Electrical and Electronics Engineering


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MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



School of Engineering
Department of Electrical and Electronics Engineering
MINUTES OF MEETING

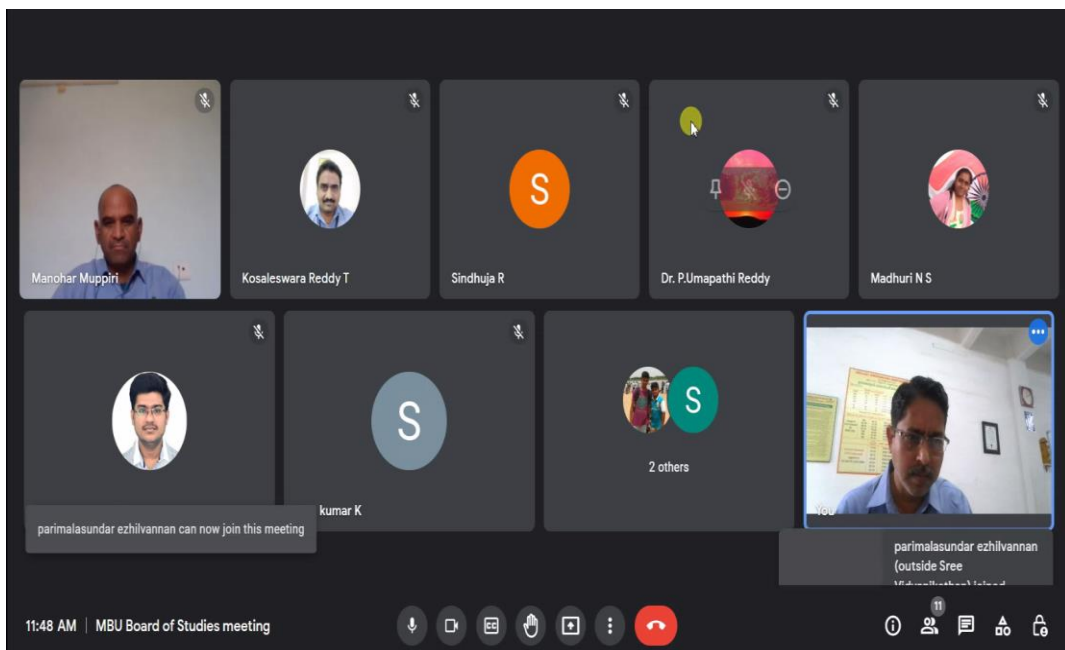
1st Meeting of Board of Studies in Electrical and Electronics Engineering
and allied programs
for UG and PG held on 15.07.2022 at 11:45 AM

Members Present:

S. No	Name	Designation	Signature
1.	Dr M S Sujatha Professor and HoD, EEE Department, MBU	BoS Chairman, EEE	
2.	Dr. Siva Kumar K Professor, Department of Electrical Engineering, IIT Hyderabad, Kandi, Sangareddy - 502285, Telangana, India.	External member (Academics)	
3.	Mr. Mahesh Patil India Leader, Amphenol Interconnect India Private Ltd., Hi-tech City, Madhapur, Hyderabad - 500081, India	External member (Industry)	
4.	Mr V Naveen Subramanyam Software Engineer MathWorks India Pvt Ltd Hyderabad Telengana	External member (Alumni)	
5.	Dr T Nageswara Prasad Professor, EEE Department, MBU	Member	
6.	Dr P Umapathi Reddy Professor, EEE Department, MBU	Member	
7.	Dr S Farook Professor, EEE Department, MBU	Member	
8.	Mr M Manohara Associate Professor, EEE Department, MBU	Member	

9.	Dr E Parimala Sundar Associate Professor, EEE Department, MBU	Member	
10.	Mr T Kosaleswara Reddy Assistant Professor, EEE Department, MBU	Member	
11.	Dr B. Hemanth Kumar Assistant Professor, EEE Department, MBU	Member	

Screenshots of the Online Meeting:



K. Parimala Sundar
REGISTRAR
MOHAN BABU UNIVERSITY
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Andhra Pradesh-517 102

1. Introduction of Board of Studies members:

Dr M S Sujatha, BoS Chairman has welcomed the Board of Members to the first Board of Studies meeting under MBU and introduced the members.

2. Glimpses of Electrical and Electronics Engineering Department under SVEC

Dr M S Sujatha, BoS Chairman has presented the faculty, students and other major achievements of the department under SVEC since from its inception to the members.

3. Vision and Mission of the Department:

Dr M S Sujatha, BoS Chairman has presented Vision and mission of the department, the BOS Members approved the proposed Vision and Mission of the Department. **(ANNEXURE-I).**

4. Programs offered by EEE Department, School of Engineering under MBU

The BoS Chairman has presented the programs offered by the department of Electrical and Electronics Engineering under MBU. BOS Members approved the proposed programs under MBU **(ANNEXURE-II).**

5. PEOs, POs, PSOs, and Course Structure of B.Tech. Electrical and Electronics Engineering and Syllabi with Course Outcomes for the Courses of I B.Tech. Electrical and Electronics Engineering (Under MBU Regulations):

The BoS Chairman has presented PEOs, POs, PSOs, and Course Structure of B.Tech. Electrical and Electronics Engineering and Syllabi with Course Outcomes for the Courses of I B.Tech. Electrical and Electronics Engineering (Under MBU Regulations). BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of Electrical and Electronics Engineering courses of I B.Tech. Electrical and Electronics Engineering of MBU Regulations **(ANNEXURE-III).** Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of other courses of I B.Tech. Electrical and Electronics Engineering. In addition, the following suggestions are made for further improvement.

- Maintain uniformity in the number of courses offered domain wise in the specialization Elective.
- Plan and conduct Faculty Development Programs on emerging subjects.
- Include project based learning component to maximum number of courses in the curriculum to the possible extent.

6. PEOs, POs, PSOs, and Course Structure of B.Tech. Electrical and Electronics Engineering with specialization in Power Systems and High Voltage Engineering and Syllabi with Course Outcomes for the Courses of I B.Tech. Electrical and Electronics Engineering with specialization in Power Systems and High Voltage Engineering (Under MBU Regulations):

The BoS Chairman has presented PEOs, POs, PSOs, and Course Structure of B.Tech. Electrical and Electronics Engineering and Syllabi with Course Outcomes for the Courses of I B.Tech. Electrical and Electronics Engineering with specialization in Power Systems and High Voltage Engineering (Under MBU Regulations). BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of I B.Tech. Electrical and Electronics Engineering with specialization in **Power Systems and High Voltage Engineering** of MBU Regulations **(ANNEXURE-IV).** Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.


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7. PEOs, POs, PSOs, and Course Structure of B.Tech. Electrical and Electronics Engineering with specialization in Automotive Electronics Engineering and Syllabi with Course Outcomes for the Courses of I B.Tech. Electrical and Electronics Engineering with specialization in Automotive Electronics (Under MBU Regulations):

The BoS Chairman has presented PEOs, POs, PSOs, and Course Structure of B.Tech. Electrical and Electronics Engineering and Syllabi with Course Outcomes for the Courses of I B.Tech. Electrical and Electronics Engineering with specialization in Automotive Electronics Engineering (Under MBU Regulations). BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of I B.Tech. Electrical and Electronics Engineering with specialization in **Automotive Electronics Engineering** of MBU Regulations (**ANNEXURE-V**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

8. PEOs, POs, PSOs, Course Structure and Syllabi with Course Outcomes for the Courses of M.Tech. Electrical Power Systems (Under MBU Regulations):

The BoS Chairman has presented PEOs, POs, PSOs, and Course Structure of M.Tech. Electrical Power Systems. BOS Members approved the proposed Course Structure of M.Tech. Electrical Power Systems of MBU Regulations (**ANNEXURE-VI**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing Course Structure in a best possible way.

9. Any other item

The BoS chairman has appreciated the time spent by the BoS members for the meeting and the meeting was concluded by expressing thanks to the Members.

Dr. M S Sujatha

Chairman

Board of Studies in Electrical and Electronics Engineering


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School of Engineering

Department of Civil Engineering

Agenda for 1st Meeting of Board of Studies in Civil Engineering

for UG and PG on 15.07.2022 at 11:45 AM

(Online Mode through Google Meet)

Google Meeting Link: <https://meet.google.com/oje-qvim-jfy>

1. Vision and Mission of the Department
2. PEOs, POs, PSOs, and Course Structure of B.Tech. Civil Engineering; and Syllabi with Course Outcomes for the Courses of I B.Tech. Civil Engineering (Under MBU Regulations).
3. PEOs, POs, PSOs, and Course Structure of B.Tech. Civil Engineering with specialization in Structural Engineering and Syllabi with Course Outcomes for the Courses of I B.Tech. Civil Engineering with specialization in Structural Engineering (Under MBU Regulations).
4. PEOs, POs, PSOs, and Course Structure of B.Tech. Civil Engineering with specialization in Geotechnical and Transportation Engineering and Syllabi with Course Outcomes for the Courses of I B.Tech. Civil Engineering with specialization in Geotechnical and Transportation Engineering (Under MBU Regulations).
5. PEOs, POs, PSOs and Course Structure of M.Tech. Construction Technology and Management (Under MBU Regulations).
6. Any other Item

BOS in Civil Engineering

REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



School of Engineering
Department of Civil Engineering

MINUTES OF MEETING

1st Meeting of Board of Studies in Civil Engineering

for UG and PG held on 15.07.2022 at 11:45 AM

Members Present:

S. No.	Name of the Member	Designation	Signature
1.	Dr. K. Narasimhulu Professor & Head Department of Civil Engineering	Chairman	
2.	Dr. G. Madhavi Latha Professor Department of Civil Engineering, Indian Institute of Science, Bangalore	External Member (Academics)	
3.	Ms. Harshita Jain Director Consulting Engineers Group Ltd., Jaipur, Rajasthan	External Member (Industry)	Not Attended
4.	Mr. K. Deeraj Kumar Reddy Sr. Manager – Pavement Techfab (India) Industries Ltd	External Member (Alumni)	
5.	Dr. O. Eswara Reddy Professor Department of Civil Engineering	Internal Member (Academia)	
6.	Dr. Hemadri Prasad Raju Associate Professor Department of Civil Engineering	Internal Member (Academia)	
7.	Dr. D. Srinivasa Murthy Assistant Professor Department of Civil Engineering	Internal Member (Academia)	
8.	Dr. A. Chithambar Ganesh Assistant Professor Department of Civil Engineering	Internal Member (Academia)	

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Sree Sainath Nagar, Tirupati
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1. Vision and Mission of the Department:

BOS Members approved the proposed Vision and Mission of the Department.
(ANNEXURE-I)

2. PEOs, POs, PSOs, and Course Structure of B.Tech. Civil Engineering and Syllabi with Course Outcomes for the Courses of I B.Tech. Civil Engineering (Under MBU Regulations):

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of civil engineering core courses of I B.Tech. Civil Engineering of MBU Regulations **(ANNEXURE-II)**. Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of other courses of I B.Tech. Civil Engineering. In addition, the following suggestions are made for further improvement.

- ❖ Maintain uniformity in the number of courses offered domain wise in the specialization Elective.
- ❖ Offer advanced courses if expertise is available.
- ❖ Include new course on Civil Engineering Case Studies
- ❖ Plan and conduct Faculty Development Programs on emerging subjects
- ❖ Give more emphasis on Indian Standard (IS) Codes wherever possible to include in syllabi of the courses
- ❖ Conduct more number of Expert lectures from industry
- ❖ Include Case Studies with visual explanation in the syllabi to gain practical knowledge
- ❖ Include seminar course but the same course may be given as experiential learning activity
- ❖ Enhance project work credits
- ❖ Address Civil Engineering challenges to students and expose them to find solutions (for Land slides, Earth quakes etc.)
- ❖ Address societal issues to the students and find solutions

3. PEOs, POs, PSOs, and Course Structure of B.Tech. Civil Engineering with specialization in Structural Engineering and Syllabi with Course Outcomes for the Courses of I B.Tech. Civil Engineering with specialization in Structural Engineering (Under MBU Regulations):

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of I B.Tech. Civil Engineering with specialization in Structural Engineering of MBU Regulations **(ANNEXURE-III)**. Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

4. PEOs, POs, PSOs, and Course Structure of B.Tech. Civil Engineering with specialization in Geotechnical and Transportation Engineering and Syllabi with Course Outcomes for the Courses of I B.Tech. Civil Engineering with specialization in Geotechnical and Transportation Engineering (Under MBU Regulations):

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of I B.Tech. Civil Engineering with specialization in Geotechnical and

Transportation Engineering of MBU Regulations (**ANNEXURE-IV**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

5. PEOs, POs, PSOs, Course Structure and Syllabi with Course Outcomes for the Courses of M.Tech. Construction Technology and Management (Under MBU Regulations):

BOS Members approved the proposed Course Structure of M.Tech. Construction Technology and Management of MBU Regulations (**ANNEXURE-V**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing Course Structure in a best possible way.

Meeting concluded with thanks to the Members.



Dr. K. Narasimhulu

Chairman

Board of Studies in Civil Engineering



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School of Engineering

Department of Mechanical Engineering

Agenda for 1st Meeting of Board of Studies in Mechanical Engineering for UG and PG on 15.07.2022 at 11:45 AM

(Online Mode through Google Meet)

Google Meeting Link: <https://meet.google.com/ihc-powx-hhr>

1. Vision and Mission of the Department.
2. PEOs, POs, PSOs, and Course Structure of B.Tech. Mechanical Engineering; and Syllabi with Course Outcomes for the Courses of I B.Tech. Mechanical Engineering (Under MBU Regulations).
3. PEOs, POs, PSOs, and Course Structure of B.Tech. Mechanical Engineering with specialization in Smart Manufacturing and Syllabi with Course Outcomes for the Courses of I B.Tech. Mechanical Engineering with Specialization in Smart Manufacturing (Under MBU Regulations).
4. PEOs, POs, PSOs, and Course Structure of B.Tech. Mechanical Engineering with Specialization in Robotics and Automation and Syllabi with Course Outcomes for the Courses of I B.Tech. Mechanical Engineering with Specialization in Robotics and Automation (Under MBU Regulations).
5. PEOs, POs, PSOs, Course Structure and Syllabi with Course Outcomes for the Courses of M.Tech. Machine Design (Under MBU Regulations).
6. Any other Item

Dr. R. Satya Meher
Chairman
BOS in Mechanical Engineering

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School of Engineering
Department of Mechanical Engineering
MINUTES OF MEETING

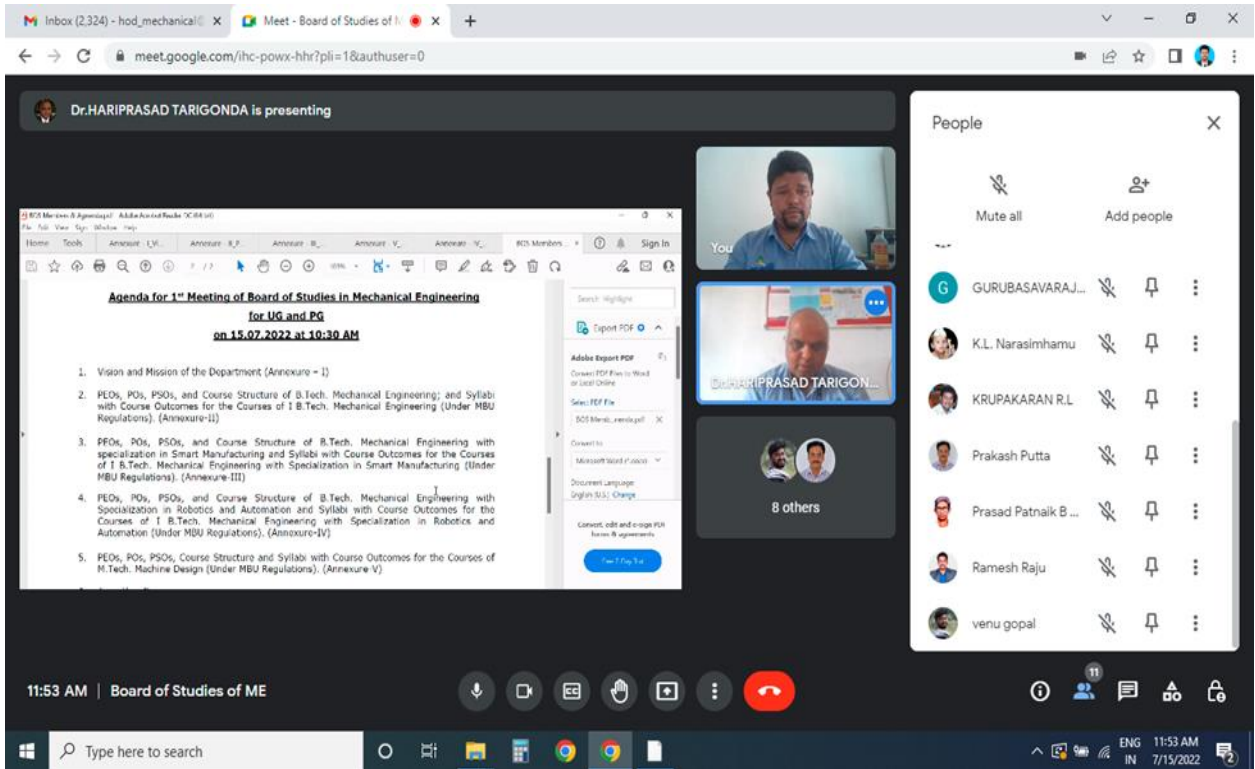
1st Meeting of Board of Studies in Mechanical Engineering
for UG and PG held on 15.07.2022 at 11:45 AM

Members Present:

S. No.	Name of the Member	Designation	Signature
1.	Dr. R. Satya Meher, Professor & Head Department of Mechanical Engineering	Chairman	
2.	Dr. B. S. V. Prasad Patnaik Professor Fluid Mechanics Laboratory, Department of Applied Mechanics, Indian Institute of Technology Madras, Chennai - 600036	External Member (Academics)	
3.	Dr. K. Ramesh Kumar Scientist 'G' & Director Executive Director (Production), Brahmos Aerospace, Defence R&D Laboratory (DRDL) Kanchanbagh, Hyderabad-500058.	External Member (Industry)	Not attended
4.	Mr. K. Venugopal Senior Engineer – CFD Trane Technologies, 8th Floor, Tower D, IBC Knowledge Park, 4/1, Bannerghatta Road Bangalore – 560 029	External Member (Alumni)	
5.	Dr. T. Hariprasad, Professor, Mechanical Engineering	Internal Member (Academia)	
6.	Dr. K. Lakshmi Narasimhamu, Professor, Mechanical Engineering	Internal Member (Academia)	
7.	Dr. P. Prakash, Associate Professor, Mechanical Engineering	Internal Member (Academia)	
8.	Dr. R. Ramesh, Associate Professor, Mechanical Engineering	Internal Member (Academia)	
9.	Dr. T. M. Gurubasavaraju, Assistant Professor, Mechanical Engineering	Internal Member (Academia)	

S. No.	Name of the Member	Designation	Signature
10.	Mr. S. Lakshmi Narayana, Assistant Professor, Mechanical Engineering	Internal Member (Academia)	

Screenshots of the Online Meeting:



1. Vision and Mission of the Department:

BOS Members approved the proposed Vision and Mission of the Department (**Annexure-I**) with the following suggestions,

- ❖ Consider leadership / training future leaders/ startups as keywords.
- ❖ May be checked if it is in line with university vision.
- ❖ Along with multifaceted word, multi disciplinary may be considered in Mission statement.
- ❖ Interdisciplinary nature, leadership, commitment to quality, and ethical behavior may be considered.

2. PEOs, POs, PSOs, and Course Structure of B.Tech. Mechanical Engineering and Syllabi with Course Outcomes for the Courses of I B.Tech. Mechanical Engineering (Under MBU Regulations):

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of Mechanical Engineering core courses of I B.Tech. Mechanical Engineering of MBU Regulations (**Annexure-II**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of other courses of I B.Tech. Mechanical Engineering. In addition, the following suggestions are made for further improvement.

- ❖ To facilitate/ inject scientific temper or passion may be included in PEO's
- ❖ In PSO's instead of thermal energy system, fluid thermal system may be included.


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- ❖ Management may be included in PSO related to Industrial Engineering
- ❖ Industrial systems and services may be considered in PSO related to Industrial Engineering
- ❖ Textbooks for Basic Engineering Mechanics may be altered. Suggested to include Books written by authors like R C Hibbeler, C. Lakshman Rao, F.L Singer, J. L. Meriam, L. G. Kraige etc. Also the syllabus may be restructured-if necessary.
- ❖ Suggested to include more interesting and exciting concepts in Basic civil and Mechanical technology by removing introductory concepts and eliminating rigorous contents. Accordingly, revamp the syllabus with emerging technologies.
- ❖ For CAED and ED solid works or open source drawing softwares may be considered and one big project exercise may be introduced.

3. PEOs, POs, PSOs, and Course Structure of B.Tech. Mechanical Engineering with specialization in Smart Manufacturing and Syllabi with Course Outcomes for the Courses of I B.Tech. Mechanical Engineering with Specialization in Smart Manufacturing (Under MBU Regulations):

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of Mechanical Engineering core courses of I B.Tech. Mechanical Engineering with specialization in Smart Manufacturing of MBU Regulations (**Annexure-III**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of other courses of I B.Tech. Mechanical Engineering with specialization in Smart Manufacturing. In addition, the following suggestions are made for further improvement.

- ❖ In I B.Tech. Mechanical Engineering (Smart Manufacturing) course structure subject areas related to mechanics and materials may be considered as they form base of the whole design.

4. PEOs, POs, PSOs, and Course Structure of B.Tech. Mechanical Engineering with Specialization in Robotics and Automation and Syllabi with Course Outcomes for the Courses of I B.Tech. Mechanical Engineering with Specialization in Robotics and Automation (Under MBU Regulations):

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of Mechanical Engineering core courses of I B.Tech. Mechanical Engineering with specialization in Robotics and Automation of MBU Regulation (**Annexure-IV**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of other courses of I B.Tech. Mechanical Engineering with specialization in Robotics and Automation.

5. PEOs, POs, PSOs, Course Structure and Syllabi with Course Outcomes for the Courses of M.Tech. Machine Design (Under MBU Regulations):

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of core courses of of M.Tech. Machine Design of MBU Regulations (**Annexure-V**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. In addition, the following suggestions are made for further improvement.

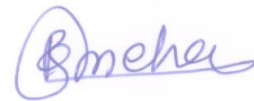
- ❖ Review of fundamental concepts may be introduced in first module for the subject Advanced machine design
- ❖ Random vibrations may be included in the last module of Advanced Mechanical Vibrations.


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- ❖ In Fracture fatigue and creep deformation subject creep deformation may be excluded in the title of the course.
- ❖ In Numerical Simulation Laboratory, specific problems may be excluded emphasizing only experiments/ exercises.
- ❖ Revamp the syllabus of all labs and check the redundancy. .
- ❖ Include measurement of pressure and flow rate in module 3 of mechanical measurements and control.
- ❖ Heat transfer concepts may be included in 3D printing.
- ❖ Text books for Experimental Techniques and data analysis require attention.
- ❖ Revamp the syllabus of Experimental modal Analysis.
- ❖ In Vehicle Dynamics, Aerodynamics of Road Vehicles is to be introduced.
- ❖ Revamp the syllabus of analysis and synthesis of mechanisms.
- ❖ Re work on the structure of AI and ML subject and include few topics on statistical testing.
- ❖ Courses on holistic sustainable design and design ethics may be introduced in the course structure.
- ❖ Alumna and BOS member Mr. Venugopal suggested on mandatory internships, which will foster placement opportunities and augments industrial exposure. In this regard, Industrial internship/ project may be mentioned in course structure.
- ❖ Include Advanced Finite Element Methods subject in course structure.

The Board authorized the chairman BOS to effect any minor changes as per the need in syllabi and later intimate these changes to the members of the BOS.

Meeting concluded with thanks to the Members.



Dr. R. Satya Meher
Chairman
BoS in Mechanical Engineering



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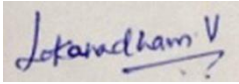

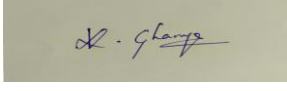
School of Engineering
Department of Computer Science and Engineering

MINUTES OF MEETING

1st Meeting of Board of Studies in Computer Science and Engineering
for UG and PG held on 15.07.2022 at 11:45 AM

Members Present:

S. No.	Name of the Member	Designation	Signature
1.	Dr. B. Narendra Kumar Rao, Professor & HOD, Department of Computer Science and Engineering	Chairman	
2.	Dr. P. Radha Krishna, Professor, Department of Computer Science and Engineering, National Institute of Technology, Warangal, Telangana, India - 506004	External Member (Academics)	
3.	Dr. Pethuru Raj, Chief Architect, Edge AI Division, Reliance Jio Platforms Ltd., Reliance Jio Platforms Ltd., Bengaluru, Karnataka, India	External Member (Industry)	
4.	Mr. Jayaprakash Arjarapu, Senior Manager, Oracle India Private Limited, Hyderabad-Campus-Phase-II, HITEC City Layout, Madhapur, Ranga Reddy District, Hyderabad- 500081, Telangana, India	External Member (Alumni)	
5.	Dr. G. Sunitha Professor, Department of Computer Science and Engineering	Internal Member (Academia)	
6.	Dr. K. Reddy Madhavi, Professor, Department of Computer Science and Engineering	Internal Member (Academia)	
7.	Dr. V. Anantha Natarajan, Associate Professor, Department of Computer Science and Engineering	Internal Member (Academia)	

8.	Dr. V. Lokanadham Naidu, Associate Professor, Department of Computer Science and Engineering	Internal Member (Academia)	
9.	Dr. D. Ganesh, Assistant Professor, Department of Computer Science and Engineering	Internal Member (Academia)	
10.	Ms.K.Ghamya Assistant Professor, Department of Computer Science and Engineering	Internal Member (Academia)	

Screenshots of the Online Meeting:


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1. Vision and Mission of the Department:

BOS Members approved the proposed Vision and Mission of the Department.
(ANNEXURE-I)

2. PEOs, POs, PSOs, and Course Structure of B.Tech. Computer Science and Engineering and Syllabi with Course Outcomes for the Courses of I B.Tech. Computer Science and Engineering (Under MBU Regulations):

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of Computer Science and Engineering core courses of I B.Tech. Computer Science and Engineering of MBU Regulations **(ANNEXURE-II)**. Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of other courses of I B.Tech. Computer Science and Engineering.

Few common suggestions across all the UG programs are as follows:

- a) To clearly mention the prerequisite courses for the benefit of students.
- b) To include Project Based-Learning for the Courses Python Programming and Internet of Things.
- c) To include Lab for Compiler Design course.
- d) To include Python for Data Analysis course as Program Core.
- e) To offer Edge Computing, Fog Computing, Software Architecture, Event Driven Architecture, Digital-Twin Technology Courses as Program Electives.

BOS members approved the Syllabi with Course Outcomes of the following courses of I B.Tech. Computer Science and Engineering under MBU Regulations.
(ANNEXURE-III)

- a. Digital Logic Design
- b. Python Programming

3. PEOs, POs, PSOs, and Course Structure of B.Tech. Computer Science and Engineering with specialization in Cloud Computing and Syllabi with Course Outcomes for the Courses of I B.Tech. Computer Science and Engineering with specialization in Cloud Computing (Under MBU Regulations):

BOS Members approved the PEOs, POs, PSOs, Course Structure of B.Tech. Computer Science and Engineering with specialization in Cloud Computing **(ANNEXURE-IV)**. The following suggestions were made for further improvement.

- a) To modify the course titles of the Cloud Computing Specialization Electives.
 - i) Cloud Practitioner
 - ii) Cloud Architect
 - iii) Developer Associate


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- iv) Solution Architect Associate
- b) To offer Theory Courses for 3 credits in the Cloud Computing Specialization Electives.
- c) To collaborate with industry for offering B.Tech. CSE with Specialization in Cloud Computing Program.

4. PEOs, POs, PSOs, and Course Structure of B.Tech. Computer Science and Engineering with specialization in Full Stack Development and Syllabi with Course Outcomes for the Courses of I B.Tech. Computer Science and Engineering with specialization in Full Stack Development (Under MBU Regulations)

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of I B.Tech. Computer Science and Engineering with specialization in Full Stack Development of MBU Regulations (**ANNEXURE-V**).

The following suggestions were made for further improvement.

- a) To include Courses on Full Stack Integration, Full Stack Data Analytics into the Specialization Electives of Full Stack Development.
- d) To offer Theory Courses for 3 credits in the Full Stack Development Specialization Electives.
- e) To collaborate with industry for offering B.Tech. CSE with Specialization in Full Stack Development Program.

5. PEOs, POs, PSOs, and Course Structure of B.Tech. Computer Science and Engineering with specialization in DevOps and Syllabi with Course Outcomes for the Courses of I B.Tech. Computer Science and Engineering with specialization in DevOps (Under MBU Regulations)

BOS Members approved the PEOs, POs, PSOs, Course Structure of B.Tech. Computer Science and Engineering with specialization in DevOps (**ANNEXURE-VI**). The following suggestions were made for further improvement.

- a) To offer Theory Courses for 3 credits in the DevOps Specialization Electives.
- b) To collaborate with industry for offering B.Tech. CSE with Specialization in DevOps Program.

6. PEOs, POs, PSOs, and Course Structure of B.Tech. Computer Science and Engineering with specialization in BlockChain Technologies and Syllabi with Course Outcomes for the Courses of I B.Tech. Computer Science and Engineering with specialization in BlockChain Technologies (Under MBU Regulations)


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BOS Members approved the PEOs, POs, PSOs, Course Structure of B.Tech. Computer Science and Engineering with specialization in BlockChain Technologies (**ANNEXURE-VII**). The following suggestions were made for further improvement.

- a) To offer Theory for 3 credits in the BlockChain Specialization Electives.
- b) Suggested to collaborate with industry for offering B.Tech. CSE with Specialization BlockChain Technologies Program.

7. PEOs, POs, PSOs, and Course Structure of B.Tech. Computer Science and Information Technology and Syllabi with Course Outcomes for the Courses of I B.Tech. Computer Science and Information Technology (Under MBU Regulations)

BOS Members approved the PEOs, POs, PSOs, Course Structure of B.Tech. Computer Science and Information Technology (**ANNEXURE-VIII**).

BOS members approved the Syllabi with Course Outcomes of the following courses of I B.Tech. Computer Science and Information Technology under MBU Regulations (**ANNEXURE-IX**).

- a) Programming for Problem Solving

8. PEOs, POs, PSOs, Course Structure and Syllabi with Course Outcomes for the Courses of M.Tech. Computer Science and Engineering (Under MBU Regulations)

BOS Members approved the PEOs, POs, Course Structure of M.Tech. Computer Science and Engineering (**ANNEXURE-X**). BOS members approved the Syllabi with Course Outcomes of the following courses of M.Tech. Computer Science and Engineering under MBU Regulations (**ANNEXURE-XI**).

- a) Advanced Data Structures and Algorithms
- b) Data Science
- c) Cyber Security
- d) Blockchain Technologies
- e) Parallel and High Performance Computing

9. Syllabi with Course Outcomes for the Courses of B.Tech. Civil Engineering and Mechanical Engineering (Under MBU Regulations):

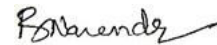

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BOS members approved the Syllabi with Course Outcomes of the following courses of B.Tech. Civil Engineering and B.Tech. Mechanical Engineering Courses under MBU Regulations (**ANNEXURE-XII**).

- a) Programming in C and Data Structures
- b) Python Programming for Engineers.

BoS Members appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

Meeting concluded with thanks to the Members.



Dr. B. Narendra Kumar Rao
CHAIRMAN

BOS in Computer Science and Engineering



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Agenda for 1st Meeting of Board of Studies

in

Artificial Intelligence & Data Science and Cyber Security

for UG and PG Under MBU on 15.07.2022 at 11:30 AM

Meeting Link: <https://meet.goto.com/913619597>

1. Vision and Mission of Artificial Intelligence & Data Science department and Cyber Security department.
2. PEOs, POs, PSOs, and Course Structure of B.Tech. CSE (Artificial Intelligence and Machine Learning), and Syllabi with Course Outcomes for the Courses of I B. Tech CSE (Artificial Intelligence & Machine Learning)
3. PEOs, POs, and Course Structure and syllabi with Course Outcomes for the Courses of M. Tech CSE(Artificial Intelligence & Data Science)
4. PEOs, POs, PSOs, and Course Structure of B.Tech. CSE (Data Science) and Syllabi with Course Outcomes for the Courses of I B. Tech CSE(Data Science).
5. PEOs, POs, PSOs, and Course Structure of B.Tech. CSE (Cyber Security) and Syllabi with Course Outcomes for the Courses of I B. Tech CSE (Cyber Security).
6. PEOs, POs and Course Structure and syllabi with Course Outcomes for the Courses of M. Tech CSE(Cyber Security).
7. Any other Item

Dr. K. Ramani

CHAIRPERSON

BOS in AI & DS and CS

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School of Computing

MINUTES OF MEETING

1st Meeting of Board of Studies

in

Artificial Intelligence & Data Science and Cyber Security

for UG and PG Under MBU on 15.07.2022 at 11:30 AM

Meeting Recoded Video Link:

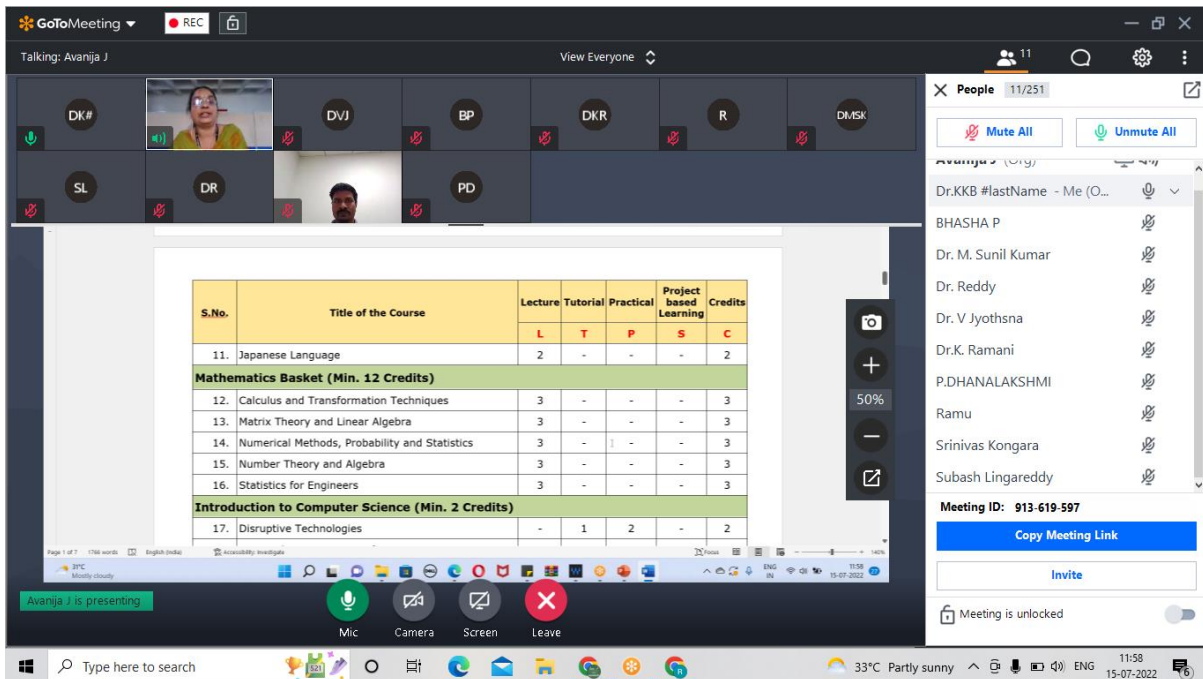
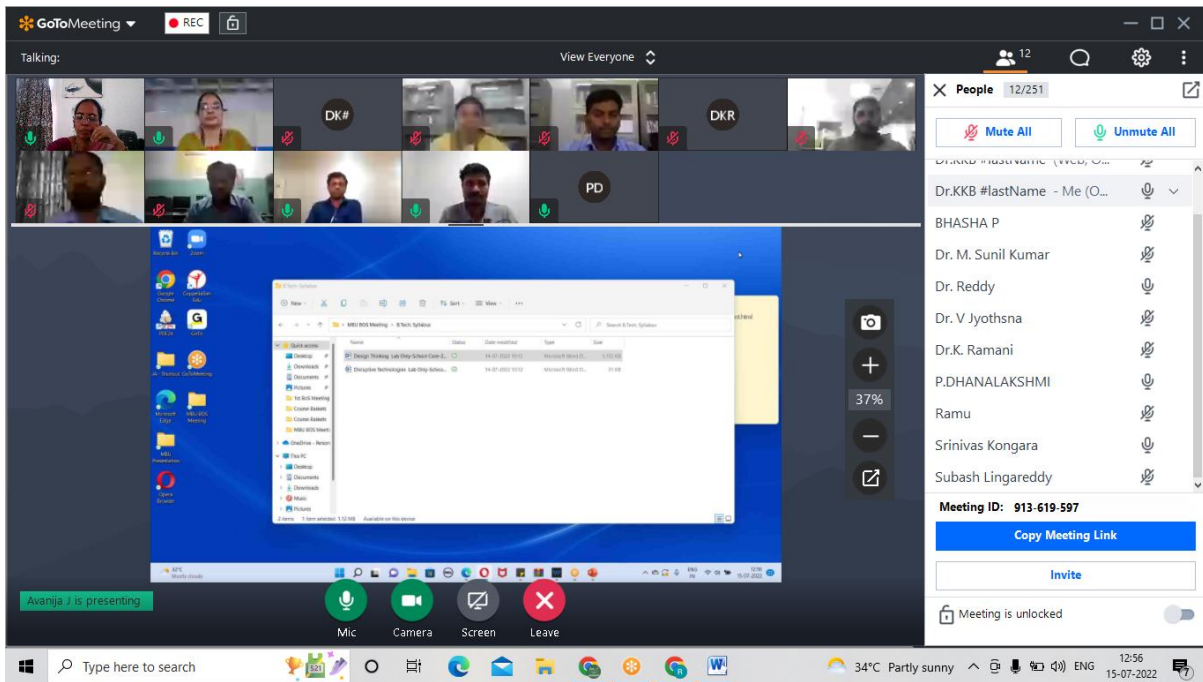
<https://transcripts.gotomeeting.com/#/s/ea89d75f774f3f745e7fe8896155389dcff5e7b7db4baaf8c36f0a6d03617900>

Members Present:

S. No.	Name of the Member	Designation	Signature
1.	Dr. K. Ramani Professor & Head	Chairman	
2.	Dr. Damodar Reddy Edla Associate Professor Department of Computer Science and Engineering National Institute of Technology, Goa.	External Member (Academics)	
3.	Mr.SrinivasaKongara Senior Program Manager Microsoft India Pvt. Ltd.,	External Member (Industry)	
4.	Mr. Subash Linga Reddy Computer-Scientist-II Adobe Systems,Bangalore	External Member (Alumni)	
5.	Dr. P.Dhanalakshmi Professor	Internal Member (Academia)	
6.	Dr.J.Avanija Professor	Internal Member (Academia)	
7.	Dr.K.K.Baseer Professor	Internal Member (Academia)	
8.	Dr.M.Sunil Kumar Professor	Internal Member (Academia)	
9.	Dr.V.Jyothsna Associate Professor	Internal Member (Academia)	
10.	Mr.P.Bhasha Assistant Professor	Internal Member (Academia)	
11.	Mr.M.Ramu Assistant Professor	Internal Member (Academia)	

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Screenshots of the Online Meeting:



Minutes:

1. Vision and Mission of the Departments

The Chairperson, BoS presented the Vision & Mission of Artificial Intelligence and Data Science, and Cyber Security departments. After deliberations the members approved the proposed Vision and Mission of the Departments (**Annexure-I**).

2. PEOs, POs, PSOs, and Course Structure of B.Tech. CSE(Artificial Intelligence and Machine Learning); and Syllabi with Course Outcomes for the Courses

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of I B.Tech. CSE(Artificial Intelligence and Machine Learning) (Under MBU Regulations).

Dr. J. Avanija, Professor apprised the members about the Program Educational Objectives, Program Outcomes and Program Specific Outcomes of B.Tech.CSE(Artificial Intelligence and Machine Learning) (**Annexure-II**). The members perused and ratified the same.

BoS members approved the proposed Course Structure of I.B.Tech. CSE (Artificial Intelligence and Machine Learning) under MBU Regulations (**Annexure-III**) subject to the modifications that may arise due to suggestions made by the board. The draft syllabi of I B.Tech. CSE (Artificial Intelligence and Machine Learning) courses along with course outcomes, were presented for discussion. The syllabi of the following I B.Tech. courses prepared by Artificial Intelligence and Data Science Department was approved with few suggestions:

- Disruptive Technologies
- Design Thinking

Board members decided that the course structures for II, III and IV B.Tech.-CSE (Artificial Intelligence and Machine Learning) proposed under MBU Regulations is tentative and suggested for presenting the same with detailed syllabi in the ensuing BoS meeting.

It is resolved to authorize the Chairman, BoS to adapt improvements suggested by the board members and submit to the Chairman (Academic Council) for further processing. In addition, the following suggestions were given by the board members for further improvements.

- The topic Swarm Intelligence shall be included in the course "Nature Inspired Algorithms" proposed in Artificial Intelligence track of specialization elective.
- Project Based Learning component shall be included in lab courses as Mini Project to promote critical thinking and problem-solving skills among students.
- The course "Cloud Computing" shall be moved to Program Core from Program Elective.
- Activity 7 of the course "Disruptive Technologies" shall be modified by including uploading image or catalogs instead of calculator App to deploy in Amazon S3.
- The courses "Augmented Reality" and "Virtual Reality" shall be combined as a single course instead of two separate courses as proposed in the Course Structure.


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3. PEOs, POs Course Structure and Syllabi with Course Outcomes for the Courses of M.Tech. CSE (Artificial Intelligence and Data Science) (Under MBU Regulations):

Dr. J. Avanija, Professor apprised the members about the Program Educational Objectives and Program Outcomes of M. Tech. CSE(Artificial Intelligence and Data Science) (**Annexure-IV**). The members perused and ratified the same.

BoS members approved the proposed Course Structure of M.Tech. CSE (Artificial Intelligence and Data Science) under MBU Regulations (**Annexure-V**). The draft syllabi of M. Tech. CSE (Artificial Intelligence and Data Science) courses along with course outcomes, were presented for discussion. The syllabi of the M. Tech.CSE (Artificial Intelligence and Data Science) prepared by the Department was approved by BoS members.

4. PEOs, POs, PSOs, and Course Structure of B.Tech. CSE (Data Science); and Syllabi with Course Outcomes for the Courses of I B.Tech. CSE(Data Science) (Under MBU Regulations):

Dr. P. Dhana Lakshmi, Professor apprised the members about the Program Educational Objectives, Program Outcomes and Program Specific Outcomes of B.Tech. CSE (Data Science) (**Annexure-VI**). The members perused and ratified the same.

BoS members approved the proposed Course Structure of B.Tech. CSE (Data Science) under MBU Regulations (**Annexure-VII**) with the following suggestions:

- Introduce Natural Language Processing as an elective course.
- Include real time case studies such as Retail Sales, Stock Prices, Weather, Heart rate time series analysis in Time Series Analysis lab.

The syllabus of Free and Open Source Software course of I B. Tech. was presented and was approved by the members.

5. PEOs, POs, PSOs, and Course Structure of B.Tech. CSE (Cyber Security); and Syllabi with Course Outcomes for the Courses of I B.Tech. CSE(Cyber Security) (Under MBU Regulations):

Dr.V. Jyothsna, Associate Professor apprised the members about the Program Educational Objectives, Program Outcomes and Program Specific Outcomes of B.Tech. CSE (Cyber Security) (**Annexure-VIII**). The members perused and ratified the same.

Also, she has apprised the course structure(**Annexure-IX**) and I B. Tech CSE (Cyber Security) course Computer Hardware and Essentials along with course


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outcomes, were presented for discussion. The Syllabus of Computer Hardware and Essentials by the members.

6. PEOs, POs Course Structure and Syllabi with Course Outcomes for the Courses of M.Tech. CSE (Cyber Security) (Under MBU Regulations):

Dr.V. Jyothsna, Associate Professor apprised the members about the Program Educational Objectives and Program Outcomes of M.Tech. CSE (Cyber Security) (**Annexure-X**). The members perused and ratified the same.

BoS members approved the proposed Course Structure of M.Tech. CSE (Cyber Security) under MBU Regulations (**Annexure-XI**). The draft syllabi of M.Tech. CSE (Cyber Security) courses along with course outcomes, were presented for discussion. The syllabi of the M.Tech.CSE (Cyber Security) prepared by the Department was approved by BoS members.

7. Any other item:

Board members have made following suggestions:

- Encourage students to focus on Analytical and Problem-Solving skills to solve complex problems and make decisions effectively.
- Encourage faculty for extensive use of ICT tools for improving teaching-learning process.

The Meeting concluded with thanks to the members.

**BoS, Chairperson
(Dr. K.Ramani)**


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School of Computing

Department of Computer Applications

Agenda for 1st Meeting of Board of Studies in Computer Applications for UG and PG on 15.07.2022 at 11:45 AM

(Online Mode through Google Meet)

Goto Meeting Link: <https://meet.goto.com/362150357>

1. Vision and Mission of the Department
2. PEOs, POs, PSOs, and Course Structure of Bachelor of Computer Applications (B.C.A); and Syllabi with Course Outcomes for the Courses of I B.C.A (Under MBU Regulations).
3. PEOs, POs, PSOs, and Course Structure of B.C.A with specialization in Game and Graphic Design and Syllabi with Course Outcomes for the courses of I B.C.A with specialization in Game and Graphic Design (Under MBU Regulations).
4. PEOs, POs, PSOs, and Course Structure of B.C.A with specialization in Augmented Reality and Virtual Reality and Syllabi with Course Outcomes for the Courses of I B.C.A with specialization in Augmented Reality and Virtual Reality (Under MBU Regulations).
5. PEOs, POs, PSOs, and Course Structure of Master of Computer Applications (M.C.A); and Syllabi with Course Outcomes for the Courses of I M.C.A (Under MBU Regulations).
6. PEOs, POs, PSOs, and Course Structure of M.C.A with specialization in Full Stack Development and Syllabi with Course Outcomes for the Courses of I M.C.A with specialization in Full Stack Development (Under MBU Regulations).
7. Any other Item.

Dr. M. Lavanya
Chairperson

BOS in Computer Applications

REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



School of Computing
Department of Computer Applications

MINUTES OF MEETING

1st Meeting of Board of Studies in Computer Applications

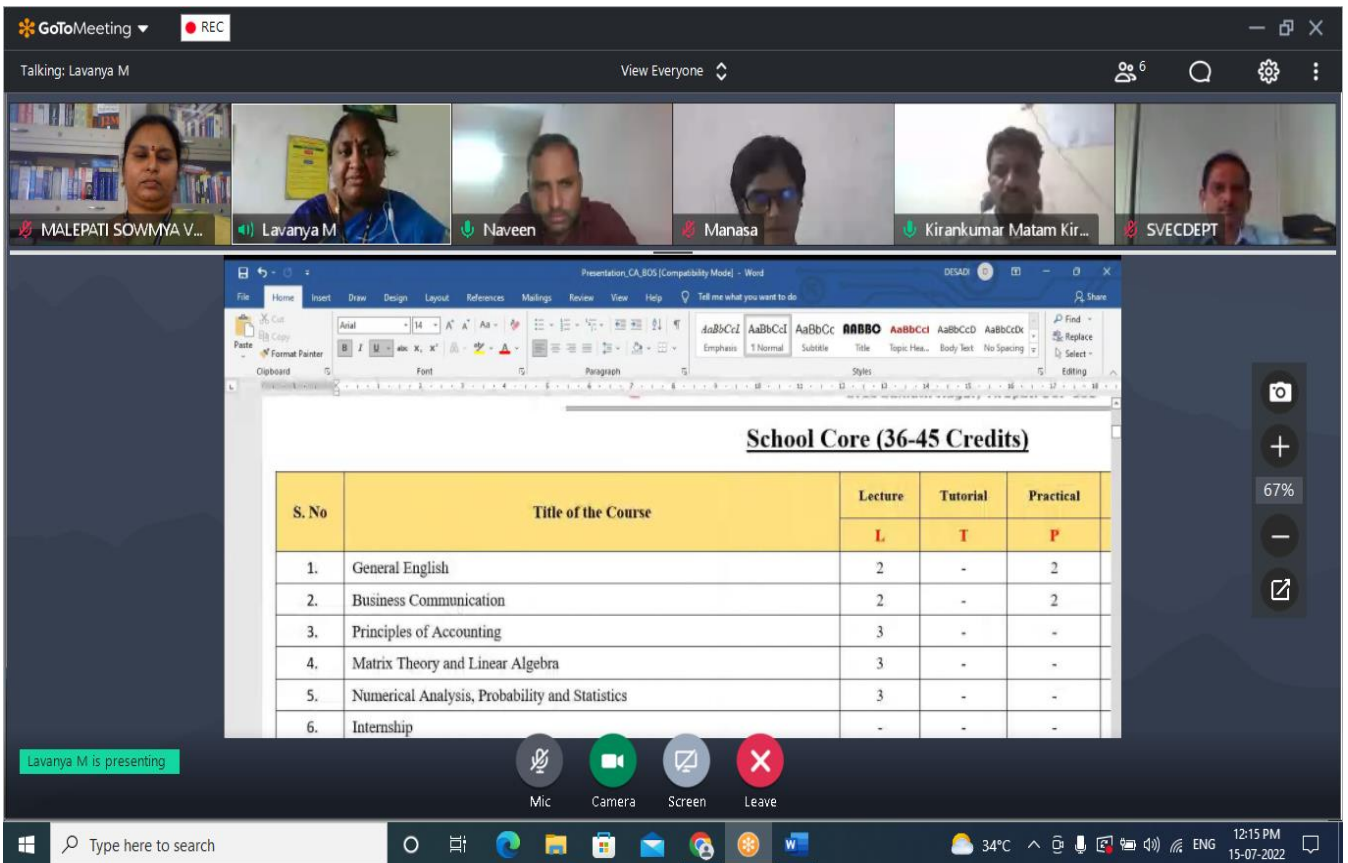
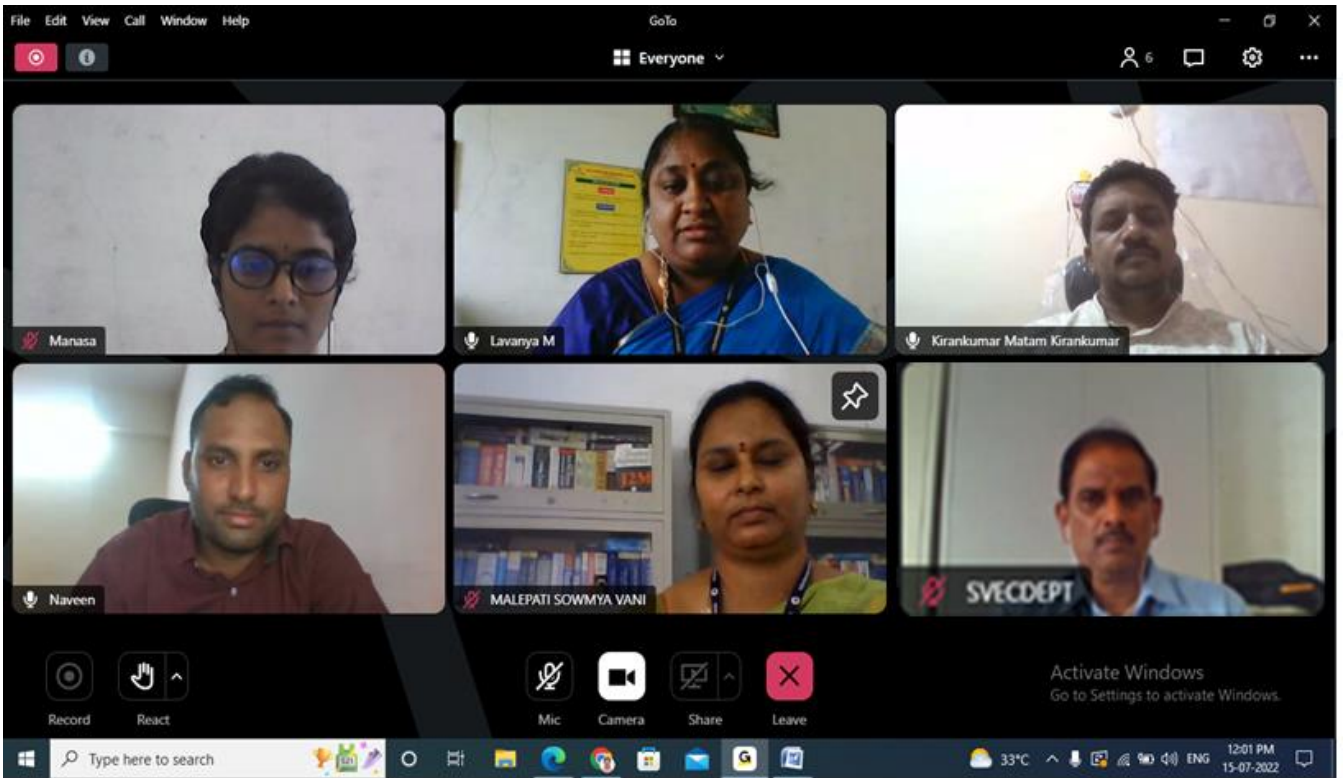
for UG and PG held on 15.07.2022 at 11:45 AM

Members Present:

S. No.	Name of the Member	Designation	Signature
1.	Dr. M. LAVANYA Associate Professor & Head Department of Computer Applications	Chairperson	
2.	Prof. R. B. V. SUBRAMAANYAM Professor Department of Computer Science and Engineering	External Member (Academics)	Not Attended
3.	Mr. Y. NAVEEN KUMAR REDDY Senior Consultant SAP-ABAP Technologies, MIND Trees Limited, Whitefield, Bengaluru	External Member (Industry)	
4.	Mr. KIRAN KUMAR MATTAM Manager-Cloud Engineering Deloitte, Sampangiram Nagar Bengalu	External Member (Alumni)	
5.	Dr. A. JYOTHI BABU Professor	Internal Member (Academia)	
6.	Ms. M. SOWMYA VANI Assistant Professor	Internal Member (Academia)	
7.	Ms. MANASA KOMMINENI Assistant Professor	Internal Member (Academia)	

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Andhra Pradesh-517 102

Screenshots of the Online Meeting:




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Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

Minutes:

1. Vision and Mission of the Department:

BOS Members approved the proposed Vision and Mission of the Department.
(ANNEXURE-I)

2. PEOs, POs, PSOs, and Course Structure of B. C. A and Syllabi with Course Outcomes for the Courses of I B.C.A (Under MBU Regulations):

BOS Members approved the proposed Course Structure of BCA, Syllabi with Course Outcomes of Computer Applications of I B.C.A of MBU Regulations **(ANNEXURE-II)**. Members have appreciated the efforts of Chairperson and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were appraised of the Syllabi of courses of I B.C.A. In addition, the following suggestions are made for further improvement.

- Suggested to include Design Thinking course in curriculum.
- Recommended to Change the version of Oracle Software to 19C /20/21 based on the features. Add one or more open-source databases like PostgreSQL which can be used for DBMS experiential learning and make it as mandatory for the students to learn and submit and suggested Project based learning. Also include Hana, which cover SQL, deals with open SQL.
- Suggested to include IntelliJ or Java 11 for the implementation of the Data Structures. Use Java11 features to reduce the length of the programs.

3. PEOs, POs, PSOs, and Course Structure of B.C.A with specialization in Game and Graphic Design and Syllabi with Course Outcomes for the Courses of I B.C.A with specialization in Game and Graphic Design (Under MBU Regulations):

BOS Members approved the proposed Course Structure of BCA with specialization on Game and Graphic Design, Syllabi with Course Outcomes of Computer Applications core courses of I B.C.A. of MBU Regulations **(ANNEXURE-III)**. Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were appraised of the Syllabi of courses of I B.C.A with specialization in Game and Graphic Design. In addition, the following suggestions are made for further improvement.

- Suggested to encourage the students to take MongoDB, which provides certifications with no cost. And also, include Database Administration concepts for jobs and placements.
- Recommended for the students to be certified in Azure, which is free of cost. Mentor students in enrolling the registrations for the said certifications.

4. PEOs, POs, PSOs, and Course Structure of of B.C.A with specialization in Augmented Reality and Virtual Reality and Syllabi with Course Outcomes for the Courses of of I B.C.A with with specialization in Augmented Reality and Virtual Reality(Under MBU Regulations):

BOS Members approved the proposed Course Structure of BCA with specialization on Game and Graphic Design, Syllabi with Course Outcomes of Computer Applications core courses of I B.C.A. with specialization in Augmented Reality and Virtual Reality of


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MBU Regulations (**ANNEXURE-IV**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of courses of I B.C.A with specialization in Augmented Reality and Virtual Reality. In addition, the following suggestions are made for further improvement.

- Use Pandas, Kaggle.com and matplotlib for Python Programming. Suggested to have membership in Datacamp.com can be included for dataset in Python Programming for statistical analysis.
- Suggested to follow the Black Book by Santhosh Reddy for OOps through C++.
- Suggested to add DevOps Development into curriculum.

5. PEOs, POs, PSOs, and Course Structure of Master of Computer Applications (M.C.A); and Syllabi with Course Outcomes for the Courses of I M.C.A (Under MBU Regulations).

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of Computer Applications of I M.C.A of MBU Regulations (**ANNEXURE-V**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of courses of I M.C.A. In addition, the following suggestions are made for further improvement.

- Recommended to include new features of latest versions which can be added in theory. Add one or more open-source databases like PostgreSQL which can be used for DBMS experiential learning and make it as mandatory for the students to learn and submit and suggested Project based learning. Also include Hana, which cover SQL, deals with open SQL.
- Suggested to prepare syllabus using Black book for C++/Java by Santosh Reddy.
- Suggested to introduce courses on Micro Front end, Micro Services(Which included Design Patterns) and SAP in the curriculum. Conduct SAP as an Add-on-Course in which ABAP is used for technical and 63 modules are used for supporting.
- Recommended to refer the books of Ashish Patel for syllabus framing in statistics subject. For R programming datacamp is more useful.
- Suggested to introduce Database Performance Engineering concepts in DBMS to analyze the databases.
- Recommended to include the following:
 - Include Azure DevOps.
 - Include real time problems in Cloud Computing.
 - Include Azure Datafactory in Data Warehousing and Data Mining.
 - Include DP-900.
 - Include Spring Boot in Web Programming.
- Suggested to take membership in Datacamp.com as Datacamp provides certifications to faculty and students on R and Python. And add Matplotlib is a cross-platform, data visualization and graphical plotting library for Python.
- Suggested introduce Database Performance Engineering for huge dataset and add project based learning for this course using Jmeter.


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- Suggested to introduce new tool UI5 for designing user interface in Full stack development courses.
- Recommended to use Java 8 or Java 11 versions to implement java programs, java related technologies. Also suggested to introduce synchronization concepts in object oriented programming through Java.
- Finally experts suggested faculty and students to do the certification courses in Juniper Networks, Microsoft and AWS, e.t.c.

6. PEOs, POs, PSOs, and Course Structure of M.C.A with Full Stack Development and Syllabi with Course Outcomes for the Courses of I M.C.A with Full Stack Development (Under MBU Regulations).

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of Computer Applications core courses of I M.C.A. with specialization in with Full Stack Development of MBU Regulations (**ANNEXURE-VI**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were appraised of the Syllabi of courses of I M.C.A with specialization in Full Stack Development. In addition, the following suggestions are made for further improvement.

- Suggested to include Kafka/ReactJS instead of Angularjs. If intended to use Angularjs only use the version 8 or 12 of Angularjs.
- Suggested to incorporate the courses ReactJS inspite of AngularJS.
- Encourage students to read newsletters and YouTube videos to get more knowledge in latest technologies. Suggested to incorporate Ashish patel case studies in AI and machine learning course.
- Recommended to do the necessary changes as per suggestions:
 - Remove Applets, include UI5 for interface designing, Java nio, Streams, Java 8,9 or 11 versions in OOPs through Java.
 - Remove Vectors and add Synchronous collections.
 - Include .Net framework 6.0, PHP Laravel framework.
 - Include the Micro services and Micro frontend which is an emerging technology of Full Stack Development.
 - Suggested the following topics Agile, Scrum, Docker, Kubernetes, Jenkins, Grafana, SOLR, elastic search, which are must for an IT person to gain knowledge.
- Recommended to introduce spring boot inspite of servlets and jsp as per the industry need. Changes need to be incorporated in web Technologies course.

Meeting concluded with thanks to the Chair.

Dr. M. Lavanya
Chairperson

BOS in Computer Applications

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School of Liberal Arts and Sciences

Basic Sciences and Humanities

Agenda for 1st Meeting of Board of Studies in

Basic Sciences and Humanities

for UG (B.Tech.) on 15.07.2022 at 11:45 AM

(Online Mode through Google Meet)

1. Syllabi with Course Outcomes for the courses of I B. Tech, I M. Tech, I BCA, and I MCA offered by the Department of BS&H (Under MBU Regulations).
2. Any other item.

Dr. T Chalapathi
Chairman
BOS of BS&H

REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



School of Liberal Arts & Sciences
Basic Sciences and Humanities

MINUTES OF MEETING

Agenda for 1st Meeting of Board of Studies in
Basic Sciences and Humanities
for UG (B.Tech) on 15.07.2022 at 11:45 AM

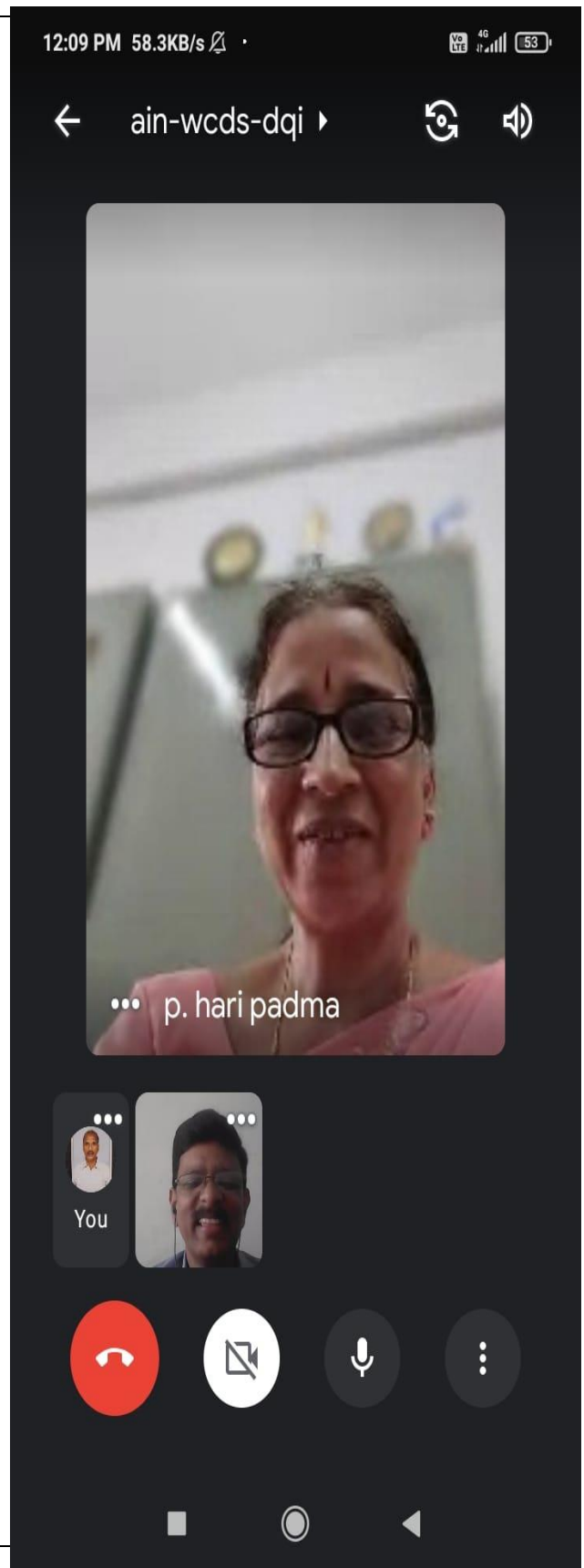
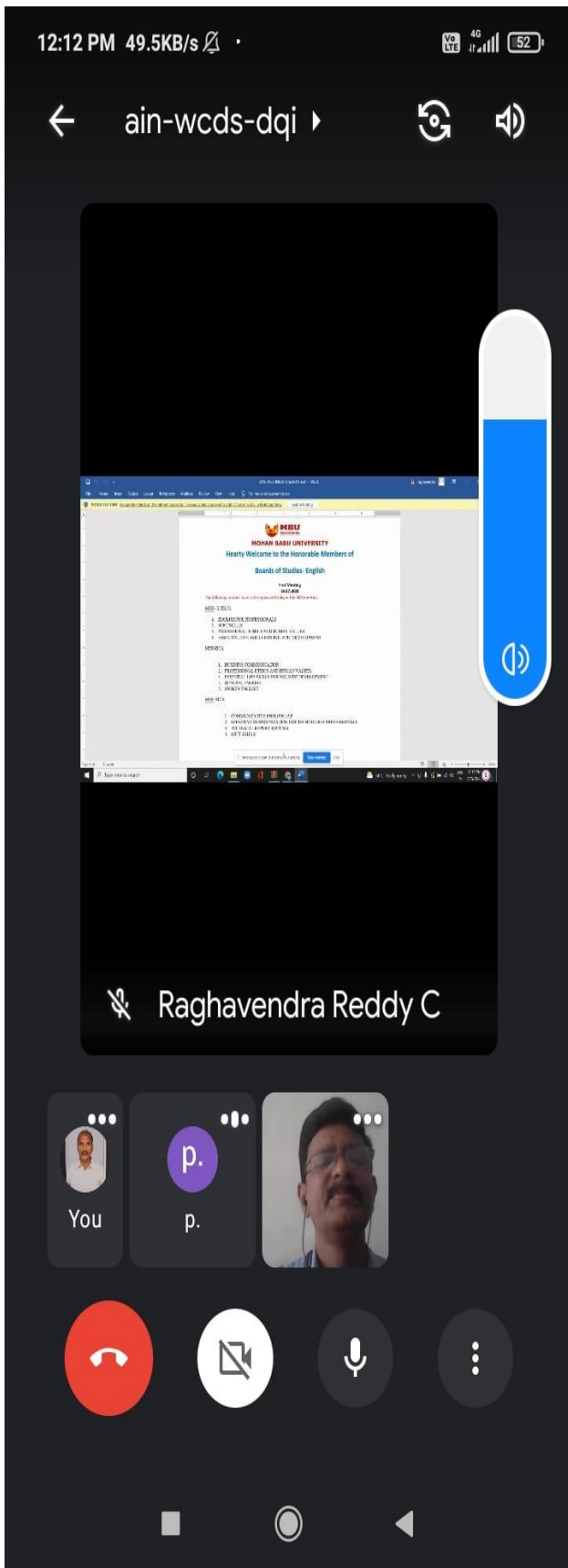
Members Present:

S. No.	Name of the Member	Designation	Signature
1	Dr. T. Chalapathi Head, Department of BS&H	Chairman	
2	Dr. P. Hari Padma Rani Professor of English Department of Language and Literature, Sri Padmavati Mahila Visvavidyalayam, Tirupati - 517502	External Member (Academics)	
3	Dr. Satyajit Roy, Professor of Mathematics Department of Mathematics, Indian Institute of Technology Madras. Chennai - 600 036	External Member (Academics)	
4	Prof V.R.K. Moorthy, Professor of Physics, Department of Physics Indian Institute of Technology Madras (IITM) Chennai- 600 036, India	External Member (Academics)	
5	Prof. K. Vijaya Krishna, Professor of Chemistry School of Basic Sciences, Indian Institute of Technology Bhubaneswar (IITBBS) Odisha, India -752050	External Member (Academics)	
6	Dr. C. Raghavendra Reddy Assistant Professor of English (SL)	Internal Member (Academia)	
7	Dr. K. Kumaraswamy Naidu Assistant Professor of Mathematics (SL)	Internal Member (Academia)	
8	Dr. Y. B. Kishore Kumar Assistant Professor of Physics (SL)	Internal Member (Academia)	
9	Dr. Y. B. Kiran Assistant Professor of Chemistry (SL)	Internal Member (Academia)	

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Screenshots of the Online Meeting: (English)

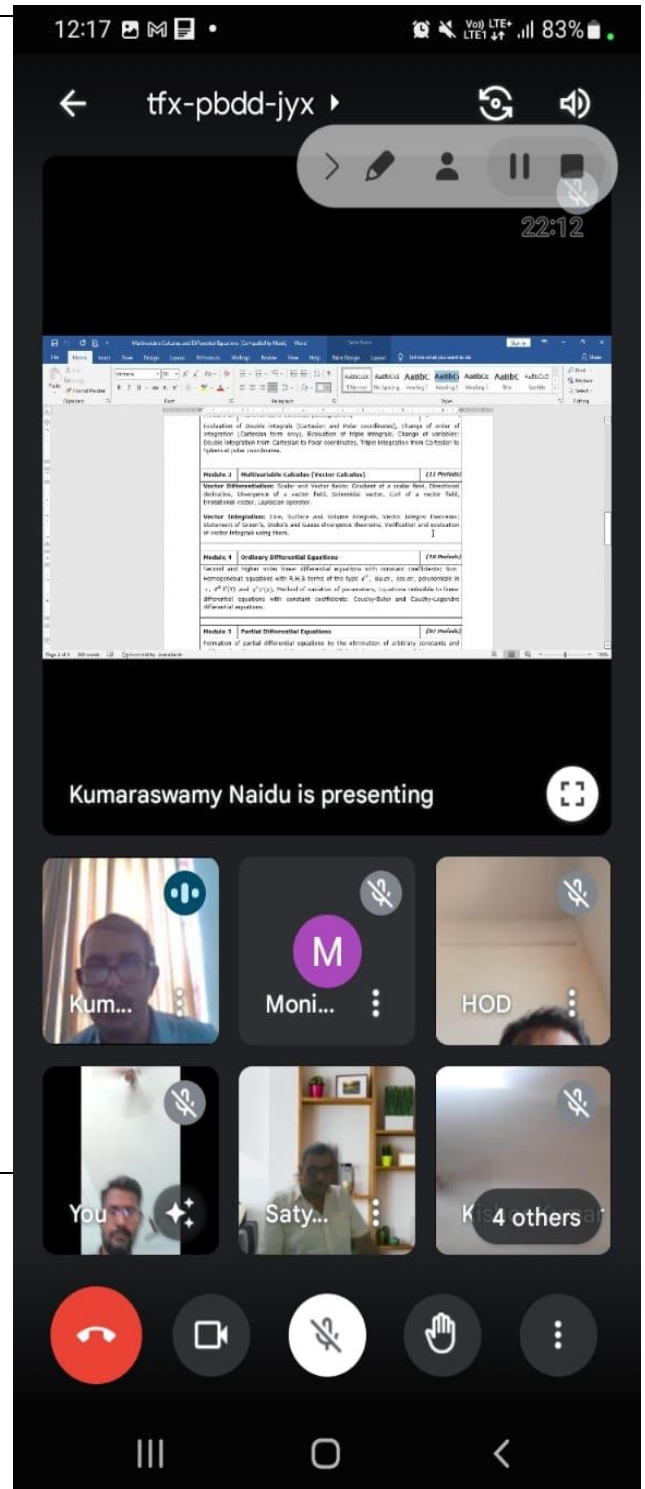
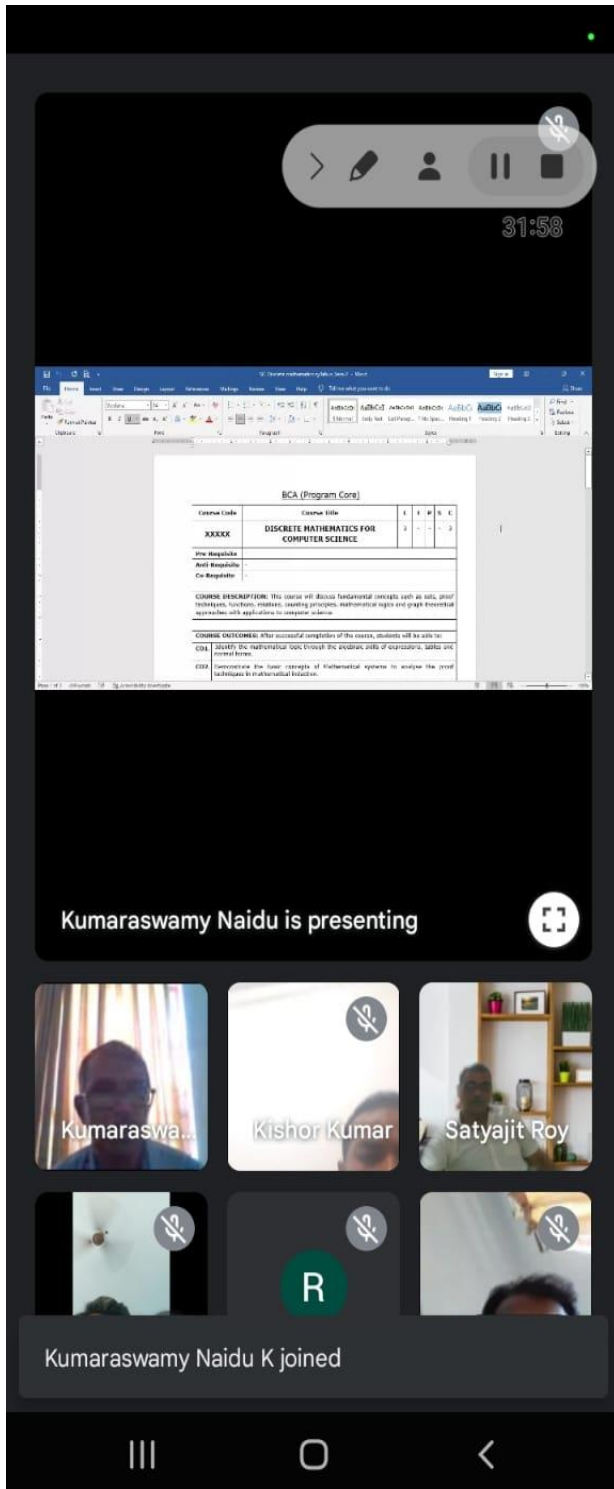
Google Meeting Link: meet.google.com/ain-wcds-dqi



K. G. Srinivas
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Screenshots of the Online Meeting: (Mathematics)

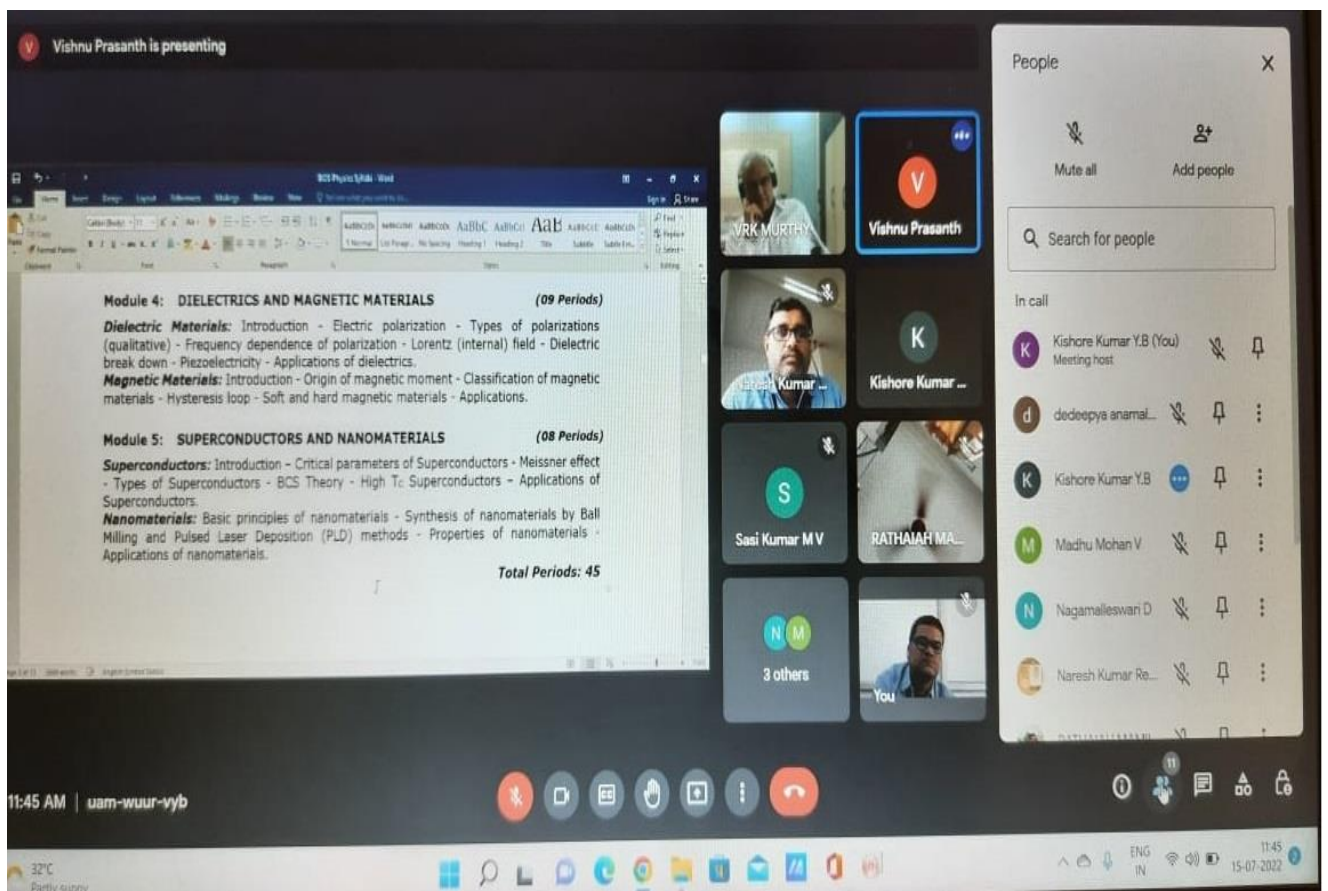
Google Meeting Link: meet.google.com/tfx-pbdd-jyx



K. Ganesh
REGISTRAR
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Screenshots of the Online Meeting: (Physics)

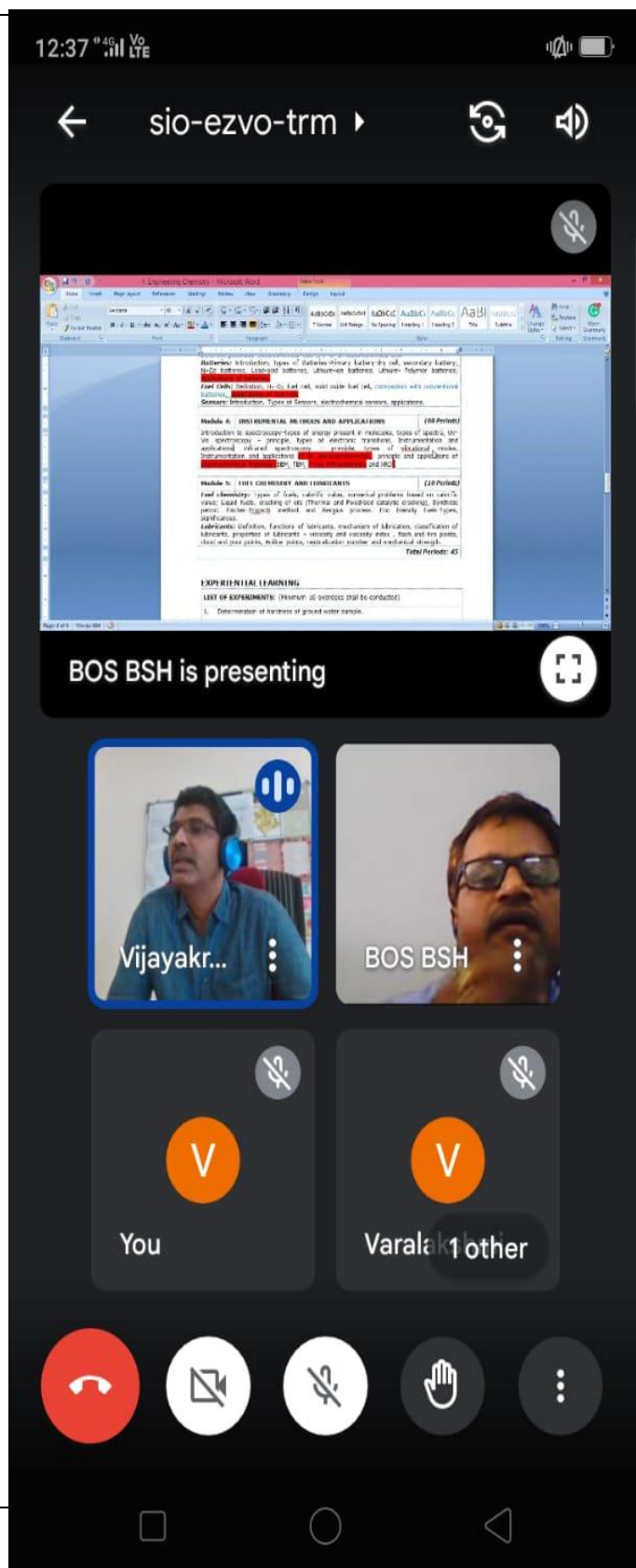
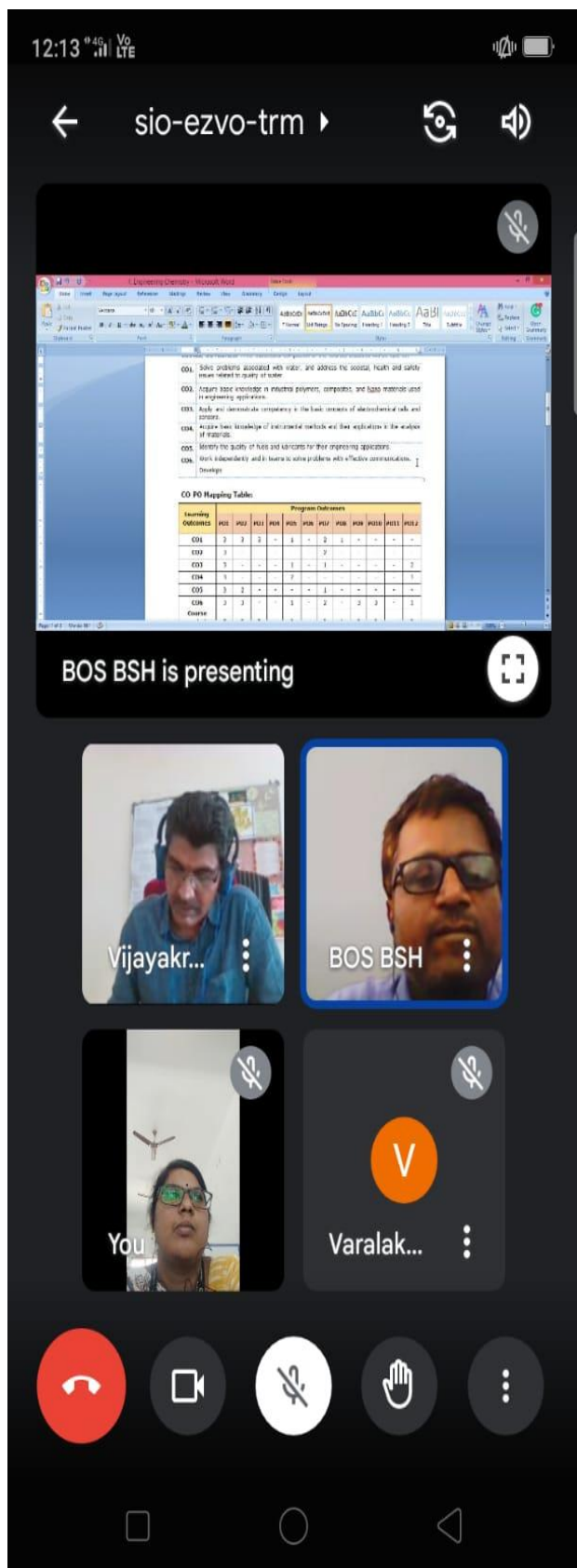
Google Meeting Link: meet.google.com/uam-wuur-vyb



K. Sreedhar
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Screenshots of the Online Meeting: (Chemistry)

Google Meeting Link: meet.google.com/sio-ezvo-trm



K. Ganesh
REGISTRAR
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1. Syllabi with Course Outcomes for the Courses of I B.Tech., I M.Tech., I BCA, and I MCA offered by the Department of BS&H (Under MBU Regulations):

External Members of the BOS have appreciated the efforts of the Chairman and Internal Members of BOS and the Department in framing syllabi in the best possible way. All the BOS Members approved the proposed Syllabi with Course Outcomes for the courses of I B. Tech., I M. Tech., I BCA, and I MCA offered by the Department of BS & H under MBU Regulations (**Annexure-I**). In addition, the following suggestions are made for further improvement.

In English Board:

- ❖ It is suggested to avoid redundancy if any.

In Mathematics Board:

- ❖ It is suggested to include an introduction to functions of two variables in Multivariable Calculus and Differential Equations (E-branch, ME, CE) and Calculus and Transformation Techniques (C-Branches) of B. Tech., students
- ❖ It is suggested to include the Cayley-Hamilton theorem in Matrix Theory and Linear Algebra (C-branches), Transformation Techniques, and Linear Algebra (E-branches, ME, CE) of B. Tech., Students.
- ❖ It is suggested to include Newton's divided difference formula in Numerical Analysis, probability, and statistics for BCA Students

In Physics Board:


- ❖ Include textbooks written by the foreign author in the textbook resources.
- ❖ Include Dielectric Constant Experiment in the List of Experiments in Engineering Physics
- ❖ Module-2, Title changed as "Introduction to Quantum Mechanics" instead of "Quantum mechanics" and Planck's constant Experiment is included in Physics for Computing
- ❖ Module-5, Title changed as "Composite materials" in Applied Physics

In Chemistry Board:

- ❖ Chemistry external BOS member advised us to offer chemistry course to computer branch students also based on its application orientation in their higher education
- ❖ Module-2 in **Engineering plastics: general properties** is removed and in **Nano Materials:** in place of Sol-gel process, **CVD** is included
- ❖ Module-5, Title changed as Fuels and lubricants instead of Fuel chemistry and lubricants

Meeting concluded with thanks to the Members.


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MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102


Dr. T Chalapathi
Chairman BOS of BS&H



School of Liberal Arts and Sciences

Department of Biological and Chemical Sciences

Agenda for 1st Meeting of Board of Studies in Biological and Chemical Sciences

for UG and PG on 20.08.2022

(Online Mode through Zoom)

AGENDA

1. Vision and Mission of the Department.
2. PEOs, POs, PSOs, and Course Structure of B.Sc. with Specialization in Bioinformatics; and Syllabi with Course Outcomes for the Courses of I B.Sc. with Specialization Bioinformatics (Under MBU Regulations).
3. PEOs, POs, PSOs, and Course Structure of B.Sc. with Specialization in Biotechnology; and Syllabi with Course Outcomes for the Courses of I B.Sc. with Specialization Bioinformatics (Under MBU Regulations).
4. PEOs, POs, PSOs, and Course Structure of B.Sc. with Specialization in Microbiology; and Syllabi with Course Outcomes for the Courses of I B.Sc. with Specialization Bioinformatics (Under MBU Regulations).
5. PEOs, POs, PSOs, and Course Structure of M.Sc. with Specialization in Biotechnology; and Syllabi with Course Outcomes for the Courses of I of M.Sc. with Specialization in Biotechnology (Under MBU Regulations).
6. PEOs, POs, PSOs, and Course Structure of M.Sc. with Specialization in Biotechnology; and Syllabi with Course Outcomes for the Courses of I of M.Sc. with Specialization in Organic Chemistry (Under MBU Regulations).
7. Course Syllabi with Course Outcomes of Courses related to Environmental studies of B.Sc. and M.Sc. (Under MBU Regulations).
8. Course Syllabi with Course Outcomes of Courses related to Environmental studies of M.Sc. (Under MBU Regulations).
9. Any other Item

Dr. Y B KIRAN
BOS_Chairman

Biological and Chemical Sciences

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MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



School of Liberal Arts & Sciences

Department of Biological and Chemical Sciences

1st Meeting of Board of Studies in Biological and Chemical Sciences

for UG and PG on 20.08.2022

MINUTES OF MEETING

Members Present:

S. No.	Name of the Member	Designation
1.	Dr. Y B Kiran Assistant Professor OF Chemistry (SL) Department of BS&H	Chairman
2.	Dr. P. Uma Maheshwari Devi Professor Department of Applied Microbiology Sri Padmavati Mahila Visvavidyalayam Tirupati - 517502	External Member (Academics)
3.	Dr. Velavan Kathirvelu Associate Professor of Chemistry Department of Applied Sciences, National Institute of Technology Goa, Farmagudi, Ponda, Goa 403401, India	External Member (Academics)
4.	Dr. M. F. Stephen Babu Principal Scientist Chemyzo Lab PVT Ltd. IDA Peenya, Bangalore Karnataka	External Member (Industry)
5.	Dr. M.M. Kesavalu Associate Professor	Internal Member (Academics)
6.	Dr. S. Hemanthphanikumar Assistant Professor	Internal Member (Academics)
7.	Dr. M. Varalakshmi Assistant Professor	Internal Member (Academia)
8.	Dr. A Umaravisankar Assistant Professor	Internal Member (Academia)
9.	Dr. Charles Lekhya Priya Assistant Professor	Internal Member (Academia)


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Screenshots of the Online Meeting: (Biology)

Zoom Meeting Link: Time: Aug 20, 2022 01:00 PM India, and the meeting was extended to Aug 22, 2022 01:15 PM India, for more discussions

<https://us06web.zoom.us/j/4225431671?pwd=TC9CaDgxQmdFb3pyYzk4bUIObmtwUT09> Meeting ID: 422 543 1671 Passcode: 004877

video1297092620.mp4 - VLC media player

3. B.Sc. Microbiology_Triple Major.docx - Microsoft Word

MBU MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati 517 102

SCHOOL OF LIBERAL ARTS AND SCIENCES
Department of Biological & Chemical Sciences

Curriculum Structure for B.Sc. Microbiology (2022-23)

Basket Wise - Credit Allotment

Sl. No.	Baskets	Credit Contribution
1	SCHOOL CORE	28-34
2	PROGRAM CORE	54-72
3	PROGRAM ELECTIVE	27-45
4	UNIVERSITY ELECTIVE	8-12

Page: 1 of 7 Words: 1,375 English (India)

13:00 8/27/2022

video1297092620.mp4 - VLC media player

4. M.Sc. - Biotechnology.mod.docx - Microsoft Word

MBU MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati 517 102

School of LIBERAL ARTS AND SCIENCES
Department of Biological and Chemical Sciences

Curriculum Structure for M.Sc. Biotechnology (2022-23)

Basket Wise - Credit Allotment

Sl. No.	Baskets	Credit Contribution
1	SCHOOL CORE	24-30
2	PROGRAM CORE	21-26
3	PROGRAM ELECTIVE	33-42
4	UNIVERSITY ELECTIVE	6-9
TOTAL CREDITS		Min. 90

General Information and Guidelines for Students:

- The students are free to prepare their own Course grid for every semester from the Basket of courses subject to satisfying the prerequisites for the courses selected and adhering to the Minimum and Maximum Credit requirement as per the Program Regulations.

Page: 1 of 5 Words: 1,631 English (United States)

26:26 8/27/2022

K. Ganesh
REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

Screenshots of the Online Meeting: (Chemistry)

Zoom Meeting Link: Time: Aug 20, 2022 12:15 PM India, and the meeting was extended to Aug 21, 2022 03:45 PM India, for more discussions.

<https://us06web.zoom.us/j/4225431671?pwd=TC9CaDgxQmdFb3pyYzk4bUIObmtwUT09>

Meeting ID: 422 543 1671 Passcode: 004877

Zoom Meeting 40-Minutes | You are viewing Kiran YB's screen | View Options

Participants: Varalakshmi M, Kesavulu M M, Dr Stephen Babu, Kiran YB

S.NO.	Title of the Course	Learning					Prerequisite
		L	T	P	S	C	
Major 1 – Bioinformatics (18-24 Credits)							
1.	Introduction to Bioinformatics	3	-	3	-	4.5	-
2.	Molecular Genetics	3	-	-	-	3	-
3.	Biological Databases and DBMS	3	-	3	-	4.5	Introduction to Bioinformatics
4.	Introduction to Genome Projects	3	-	3	-	4.5	Introduction to Bioinformatics
5.	Computational biology	3	-	3	-	4.5	Introduction to Bioinformatics
6.	Genomics and Proteomics	3	-	-	-	3	Introduction to Bioinformatics
7.	Structural Analysis	3	-	3	-	4.5	Introduction to Bioinformatics
8.	Building and Interpreting Multiple Sequence Alignment	3	-	-	-	3	Introduction to Bioinformatics
Major 2 – Biochemistry (18-24 Credits)							
1.	Biochemistry (Biomolecules)	3	-	3	-	4.5	-
2.	Biophysical techniques	3	-	3	-	4.5	Biochemistry
3.	Human Physiology and Nutrition	3	-	3	-	4.5	-
4.	Basics of Immunology and Clinical Biochemistry	3	-	3	-	4.5	Human Physiology and Nutrition
5.	Endocrinology	3	-	-	-	3	Human Physiology and Nutrition
6.	Cell Biology	3	-	-	-	3	Biochemistry

Zoom Meeting Controls: Unmute, Start Video, Participants (5), Share Screen, Reactions, Leave

System Tray: 4:02 PM 8/21/2022

Zoom Meeting 40-Minutes | You are viewing Kiran YB's screen | View Options

Participants: Varalakshmi M, Kiran YB, Dr Stephen Babu, Velavan Kathirvelu

Remaining Meeting Time: 01:45

PROGRAM CORE

Course Code	Course Title	L	T	P	S	C
XXXXX	INORGANIC AND PHYSICAL CHEMISTRY	3	-	3	-	4.5
Pre-Requisite	-					
Anti-Requisite	-					
Co-Requisite	-					

COURSE DESCRIPTION: This course provides a detailed discussion on the chemistry of p, d and f block elements, Theories of Bonding in Metals, liquid state, Solutions and applications of X-ray diffraction to study solids.

COURSE OUTCOMES: After successful completion of the course, students will be able to:

CO1. Understand the advanced concepts of p, d and f block elements.

Zoom Meeting Controls: Unmute, Start Video, Participants (6), Share Screen, Reactions, Leave

System Tray: 4:19 PM 8/21/2022


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Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

1) Vision and Mission of the Department:

BOS Members approved the proposed Vision and Mission of the Department presented in the meeting. (**ANNEXURE-I**).

2) PEOs, POs, PSOs, and Course Structure of B.Sc. with Specialization in Bioinformatics; and Syllabi with Course Outcomes for the Courses of I B.Sc. with Specialization Bioinformatics (Under MBU Regulations)

BOS Members approved the above proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year B.Sc. with specialization in Bioinformatics (**ANNEXURE-II**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

3) PEOs, POs, PSOs, and Course Structure of B.Sc. with Specialization in Biotechnology; and Syllabi with Course Outcomes for the Courses of I B.Sc. with Specialization Biotechnology (Under MBU Regulations)

BOS Members approved the above proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year B.Sc. with specialization in Biotechnology (**ANNEXURE-III**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

4) PEOs, POs, PSOs, and Course Structure of B.Sc. with Specialization in Microbiology; and Syllabi with Course Outcomes for the Courses of I B.Sc. with Specialization Microbiology (Under MBU Regulations)

BOS Members approved the above proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year B.Sc. with specialization in Microbiology (**ANNEXURE-IV**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

5) PEOs, POs, PSOs, and Course Structure of M.Sc. with Specialization in Biotechnology; and Syllabi with Course Outcomes for the Courses of I of M.Sc. with Specialization in Biotechnology (Under MBU Regulations).

BOS Members approved the above proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year M.Sc. (**ANNEXURE-V**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

6) PEOs, POs, PSOs, and Course Structure of M.Sc. with Specialization in Organic Chemistry; and Syllabi with Course Outcomes for the Courses of I of M.Sc. with Specialization in Organic Chemistry (Under MBU Regulations).

BOS Members approved the above proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year M.Sc. with Specialization in Organic Chemistry (**ANNEXURE-VI**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

7) Course Syllabi with Course Outcomes of Courses related to Environmental studies of B.Sc. (Under MBU Regulations) (Under MBU Regulations).

BOS Members approved the above proposed Course Syllabi with Course Outcomes of Environmental studies of B.Sc. (**ANNEXURE-VII**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

8) Course Syllabi with Course Outcomes of Courses related to Environmental studies of M.Sc. (Under MBU Regulations) (Under MBU Regulations).

BOS Members approved the above proposed Course Syllabi with Course Outcomes of Environmental studies of M.Sc. (**ANNEXURE-VIII**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

In addition, the following suggestions are made for further improvement.


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Andhra Pradesh-517 102

In Biology Board:

- ❖ It is suggested to minimize the number of electives offered to the students, as it will create confusion among students and burden to the faculty.
- ❖ It is suggested to avoid redundancy if any with regard to the B.Sc., Triple major Subjects.
- ❖ No special recommendations made with respect to PG syllabus.

In Chemistry Board:

- ❖ Advised to fix the possible Courses semester wise, for the benefit of students.
- ❖ Plan to include industrial visit in the curriculum.
- ❖ Advised to focus on the industrial based training during the project work period.
- ❖ Advised to change title Chemistry for Biology as Chemistry for Biologist
- ❖ Advised to change Basics of Chemistry-1 title as Inorganic and Physical Chemistry
- ❖ Advised to change Basics of Chemistry-2 title as Basic Organic Chemistry

Meeting concluded with thanks to the Members.



Dr. Y B KIRAN
BOS_Chairman

Biological and Chemical Sciences



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MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



School of Liberal Arts and Sciences

Department of Mathematical Sciences

Agenda for 1st Meeting of Board of Studies in Mathematical Sciences

for UG and PG on 20.08.2022 at 11.45 AM

(Online Mode through Google Meet)

1. Vision and Mission of the Department.
2. PEOs, POs, PSOs and Course Structure of B.Sc. Compute Science; and Syllabi with Course Outcomes for the Courses of I B.Sc. Computer Science (Under MBU Regulations).
3. PEOs, POs, PSOs, and Course Structure of B.Sc. Datascience and Analytics; and Syllabi with Course Outcomes for the Courses of I B.Sc. Datascience and Analytics (Under MBU Regulations).
4. PEOs, POs, PSOs, and Course Structure of B.Sc. Electronics; and Syllabi with Course Outcomes for the Courses of I B.Sc. Electronics (Under MBU Regulations).
5. PEOs, POs, PSOs, and Course Structure of M.Sc. Compute Science; and Syllabi with Course Outcomes for the Courses of I of M.Sc. Compute Science (Under MBU Regulations).
6. PEOs, POs, PSOs, and Course Structure of M.Sc. with Datascience and Analytics; and Syllabi with Course Outcomes for the Courses of I of M.Sc. Datascience and Analytics (Under MBU Regulations).
7. Any other Item

Dr. K.Kumaraswamy Naidu
BOS_Chairman
Mathematical Sciences

REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



School of Liberal Arts & Sciences

Department of Mathematical Sciences

MINUTES OF MEETING

1st Meeting of Board of Studies in Mathematical Sciences

for UG and PG on 20.08.2022 at 11.15 AM

Members Present:

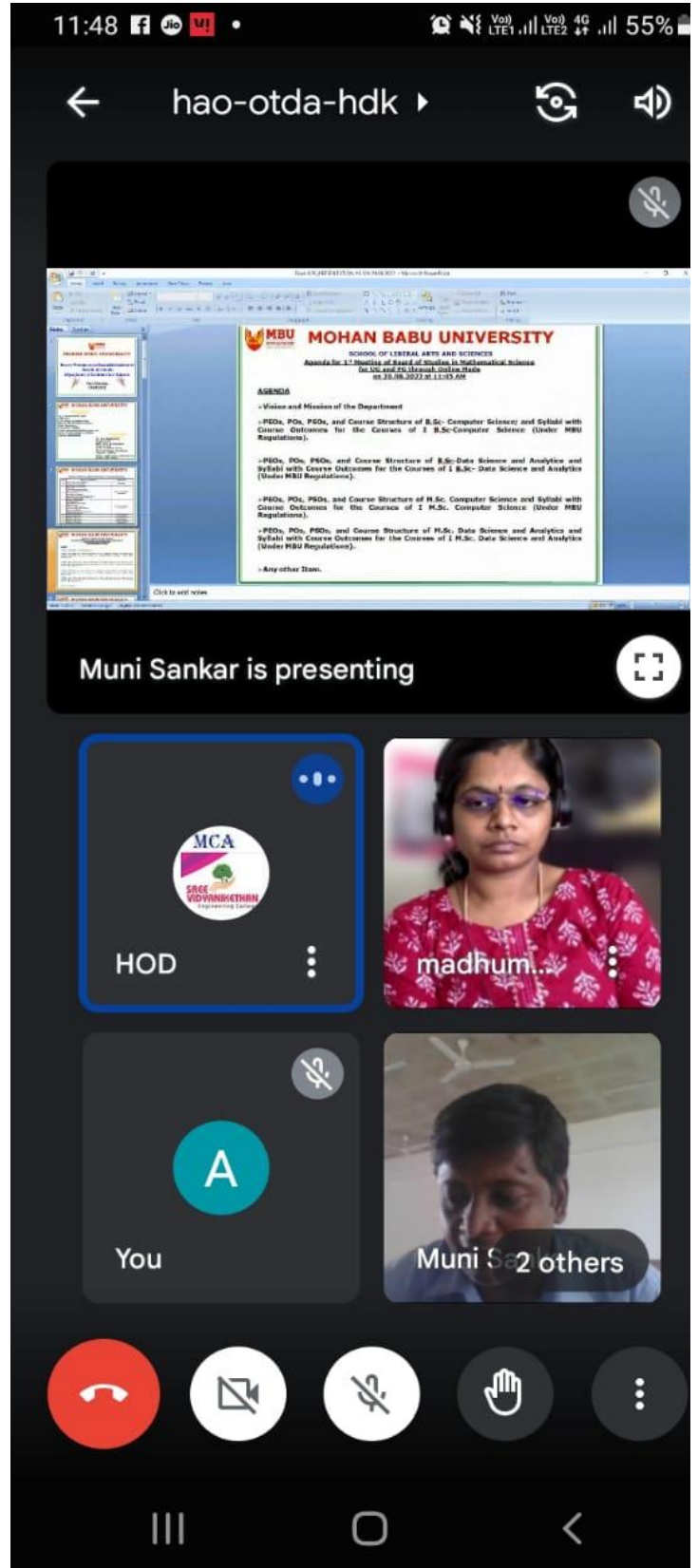
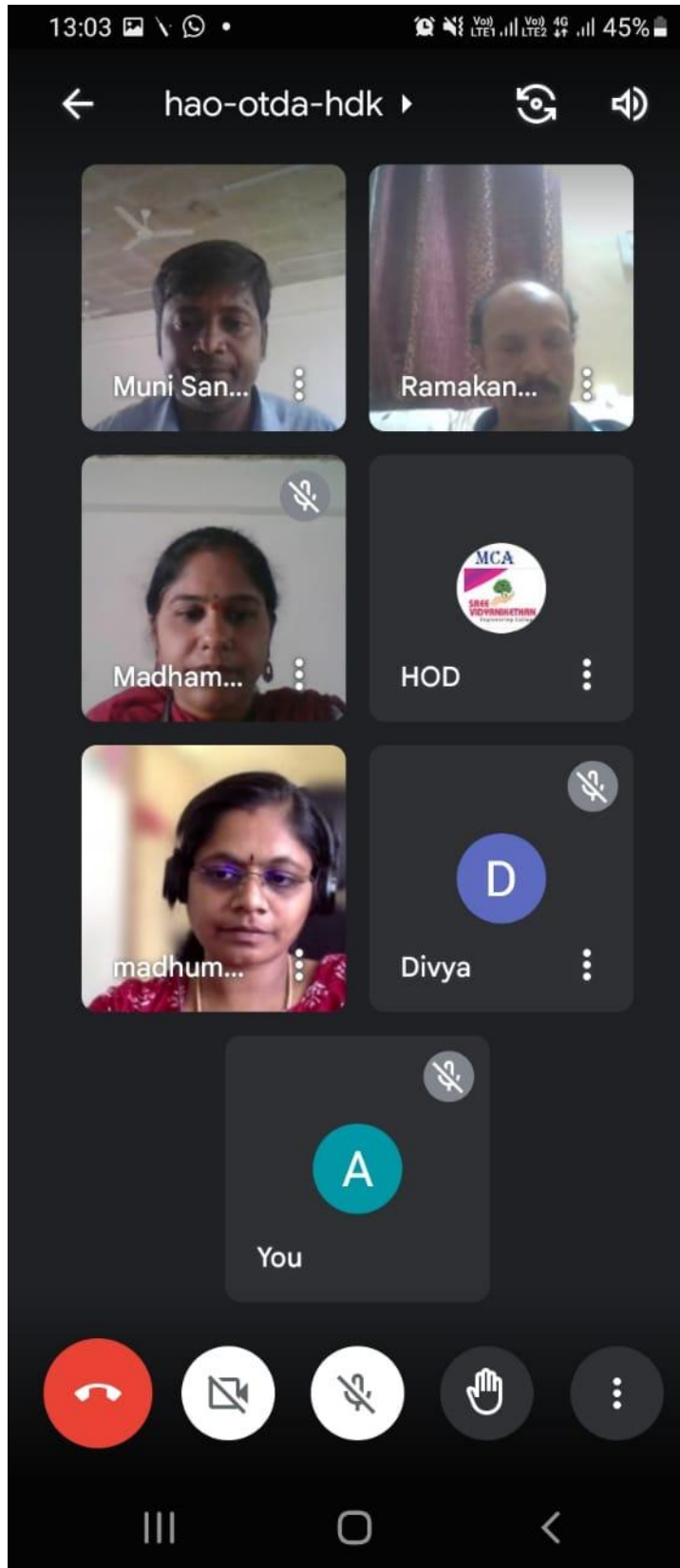
S. No.	Name of the Member	Designation
1	Dr. K. Kumaraswamy Naidu Assistant Professor OF Mathematics (SL) Department of BS&H	Chairman
2	Dr. P. Ramakanth Kumar HOD, CSE R V College of Engineering, Mysore Rd, RV Vidyanikethan, Post, Bengaluru, Karnataka- 560059	External Member (Academics)
3	Dr. D. Seshachalam Professor Department of ECE, BMS College of Engineering, Bull Temple Road, Basavanagudi, Bengaluru, Karnataka-560019	External Member (Academics)
4	Ms. Madumathi Project Lead BNY Mellon Technologies India Pvt Ltd, No 4, Canal Bank Road, Kasturba Nagar, Tharamani, Chennai – 600113	External Member (Industry)
5	Dr. P. V. Satyanarayana Associate Professor Department of Mathematics, School of Advanced Sciences Vellore Institue of Technology (Deemed to be University), Vellore, Tamilnadu-632104.	External Member (Special Invitee)
6	Dr. T. Chalapathi Head of the Department, BS & H	Internal Member (Academics)
7	Dr. A.V.M. Prasad Professor	Internal Member (Academics)
8	Dr. M Sudheer Babu Associate Professor	Internal Member (Academia)

9	Dr. P. Vishnu Prasanth Associate Professor	Internal Member (Academia)
10	Dr. P. Manohar Assistant Professor	Internal Member (Academia)
11	Dr. K. Srinivasulu Assistant Professor	Internal Member (Academia)
12	Mr. K. Muni Sankar Assistant Professor	Internal Member (Academia)
13	Ms. M. Sreevani Assistant Professor	Internal Member (Academia)
14	Mr. K. Anjaneyulu Assistant Professor	Internal Member (Academia)


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Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

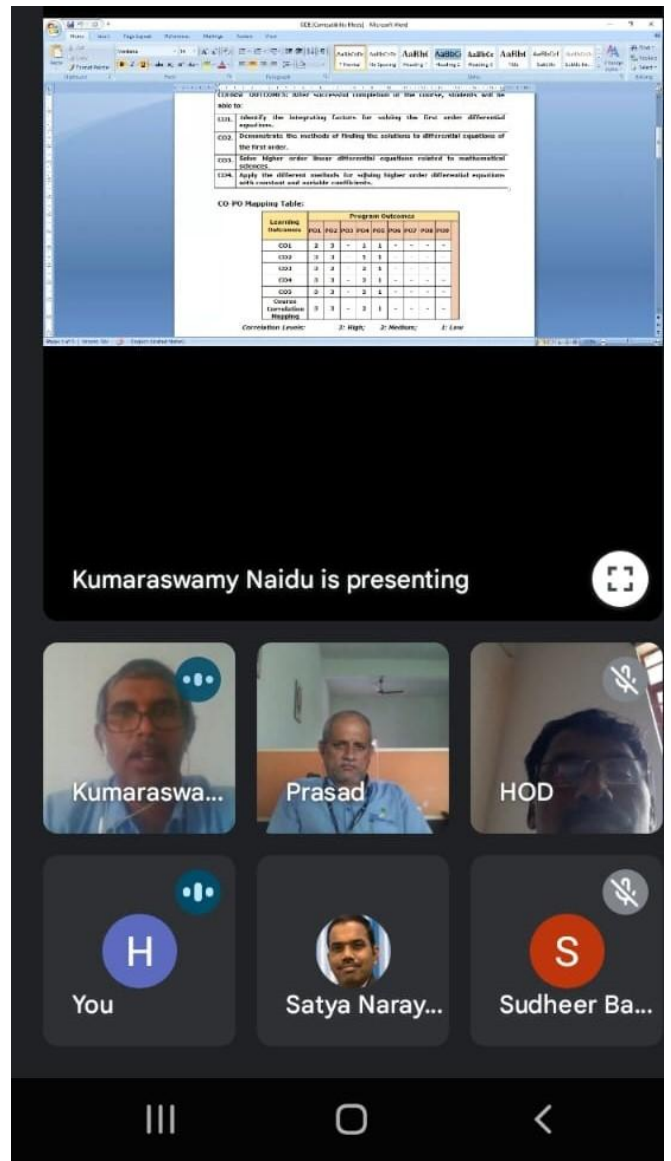
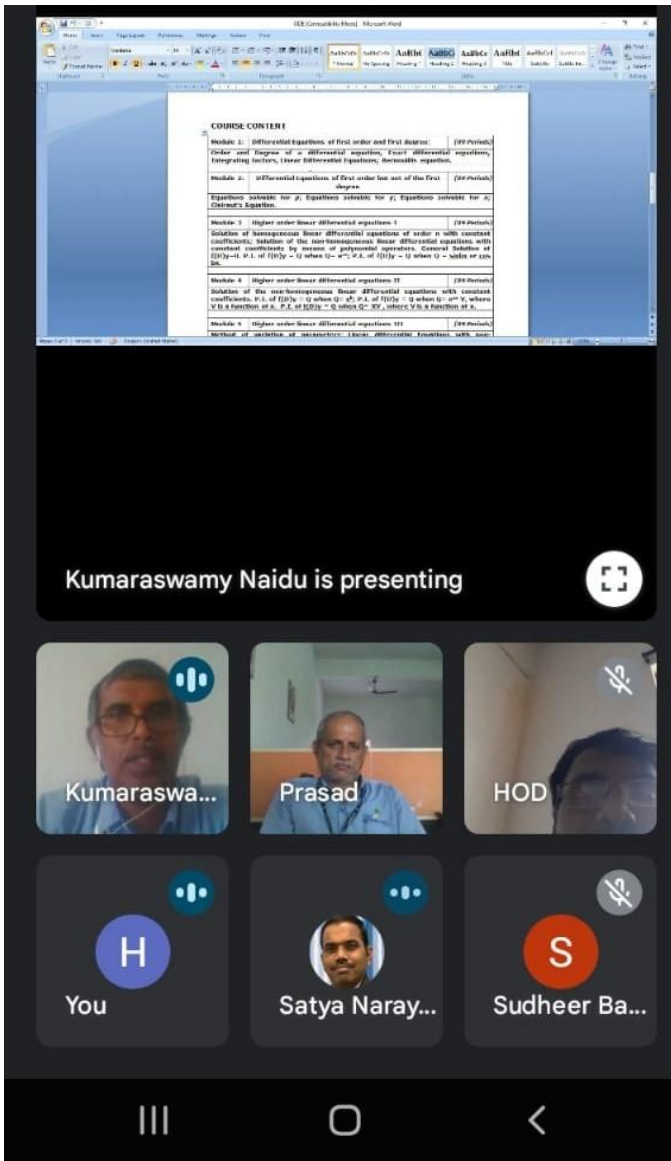
Screenshots of the Online Meeting: (Computer Science) on 20.08.2022 at 11.15 AM

Google Meet Link : meet.google.com/hao-otda-hdk



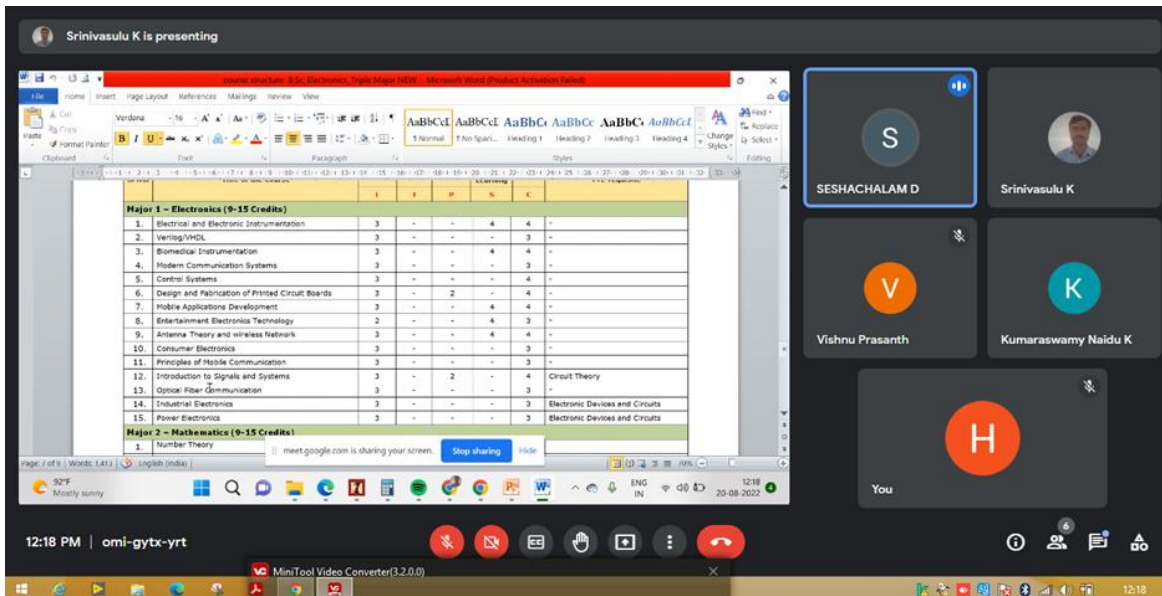
Screenshots of the Online Meeting: (Mathematics) on 20.08.2022 at 01.45 PM

Google Meet Link: <https://meet.google.com/fhc-sevh-ugo>



Screenshots of the Online Meeting: (Electronics) on 20.08.2022 at 11.15 AM

Google Meet Link: meet.google.com/omi-gytx-yrt



K. Sreedhar
REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

1) Vision and Mission of the Department:

BOS Members approved the proposed Vision and Mission of the Department presented in the meeting. (**ANNEXURE-I**).

2) PEOs, POs, PSOs, and Course Structure of B.Sc. Computer Science; and Syllabi with Course Outcomes for the Courses of I B.Sc. Computer Science (Under MBU Regulations)

BOS Members approved the above proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year B.Sc. **Computer Science (ANNEXURE-II)**. Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing the syllabi in a best possible way.

3) PEOs, POs, PSOs, and Course Structure of B.Sc. Datascience and Analytics; and Syllabi with Course Outcomes for the Courses of I B.Sc. Datascience and Analytics (Under MBU Regulations)

BOS Members approved the above proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year B.Sc. **Datascience and Analytics (ANNEXURE-III)**. Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

4) PEOs, POs, PSOs, and Course Structure of B.Sc. Electronics; and Syllabi with Course Outcomes for the Courses of I B.Sc. Electronics (Under MBU Regulations)

BOS Members approved the above proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year B.Sc. **Electronics (ANNEXURE-IV)**. Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

5) PEOs, POs, PSOs, and Course Structure of M.Sc. Computer Science; and Syllabi with Course Outcomes for the Courses of I of M.Sc. Computer Science (Under MBU Regulations).

BOS Members approved the above proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year M.Sc. (**ANNEXURE-V**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

6) PEOs, POs, PSOs, and Course Structure of M.Sc. Datascience and Analytics; and Syllabi with Course Outcomes for the Courses of I of M.Sc. Datascience and Analytics (Under MBU Regulations).

BOS Members approved the above proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year M.Sc. **Datascience and Analytics (ANNEXURE-VI)**.


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Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

In addition, the following suggestions are made for further improvement.

In Computer Science Board:

- ❖ Include virtual labs for Fundamentals of Digital Logic Design for UG Programs.
- ❖ Add collections concept in "OOP with Java" subject for PG Courses.

In Mathematics Board:

- ❖ Suggested to add applications in ordinary differential equations.
- ❖ Suggested to change the text book in Mathematical Expectation and probability distribution.
- ❖ Suggested to add Mode of evaluation in course structure and syllabi.

In Electronics Board:

- ❖ No suggestions given regarding the course structure and the syllabi.

Meeting concluded with thanks to the Members.



Dr. KUMARASWAMY NAIDU K
BOS_Chairman
Mathematical Sciences



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School of Liberal Arts and Sciences

Department of Languages and Social Sciences

Agenda for 1st Meeting of Board of Studies in Languages and Social Sciences

for UG and PG on 20.08.2022

(Online Mode through Zoom)

AGENDA

1. Vision and Mission of the Department.
2. PEOs, POs, PSOs, and Course Structure of B.A. English with Syllabi with Course Outcomes for the Courses of I B.A. English programme. (Under MBU Regulations)
3. PEOs, POs, PSOs, and Course Structure of M.A. English Syllabi with Course Outcomes for the Courses of I M.A.English programme. (Under MBU Regulations)
4. PEOs, POs, PSOs, and Course Structure of B.A. Sociology and Syllabi with Course Outcomes for the Courses of I B.A. Sociology programme. (Under MBU Regulations)
5. PEOs, POs, PSOs, and Course Structure of B.A. Psychology and Syllabi with Course Outcomes for the Courses of I B.A.Psychology programme. (Under MBU Regulations)
6. Courses and Syllabi with Course Outcomes for BBA and MBA programmes.(Under MBU regulations)

Dr. C.Raghavendra Reddy
BOS_Chairman
Languages and Social Sciences

REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



School of Liberal Arts & Sciences

Department of Languages and Social sciences

**1st Meeting of Board of Studies in Department of Languages
and Social Sciences**

for UG and PG on 20.08.2022

MINUTES OF MEETING

Members Present:

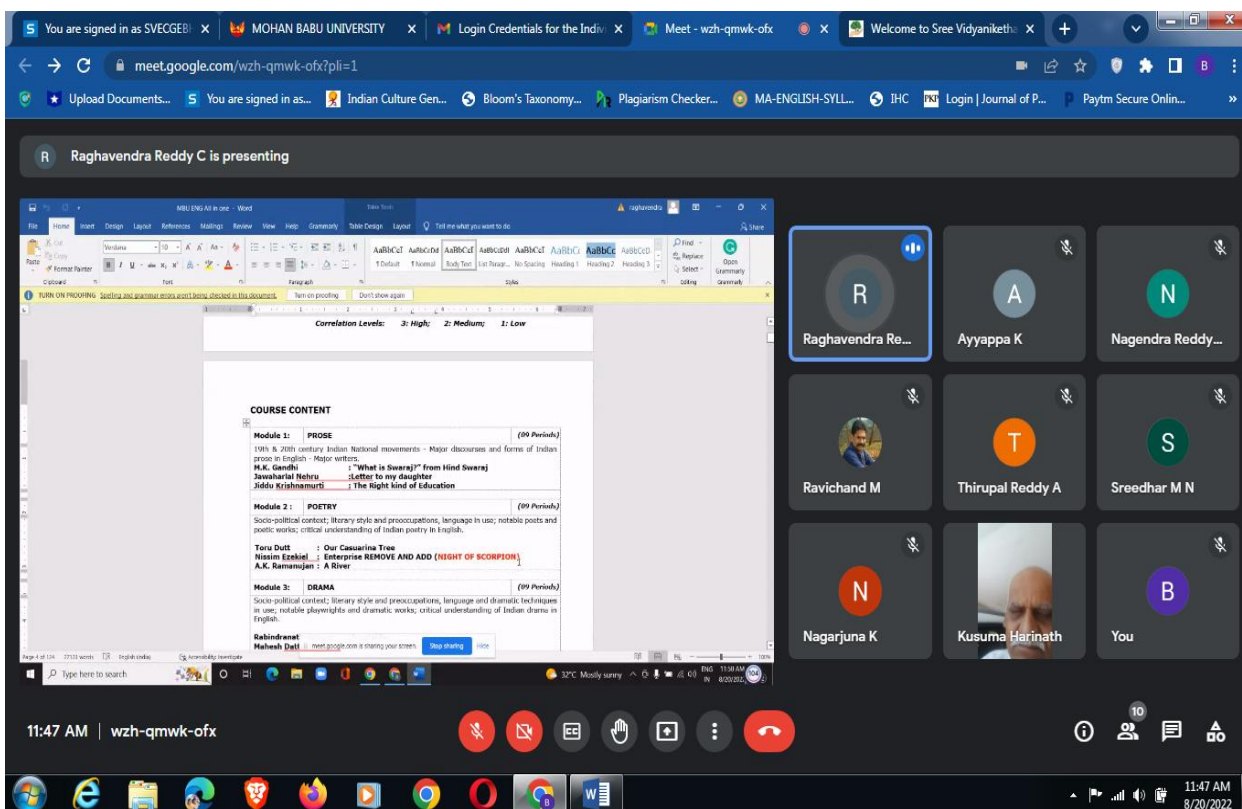
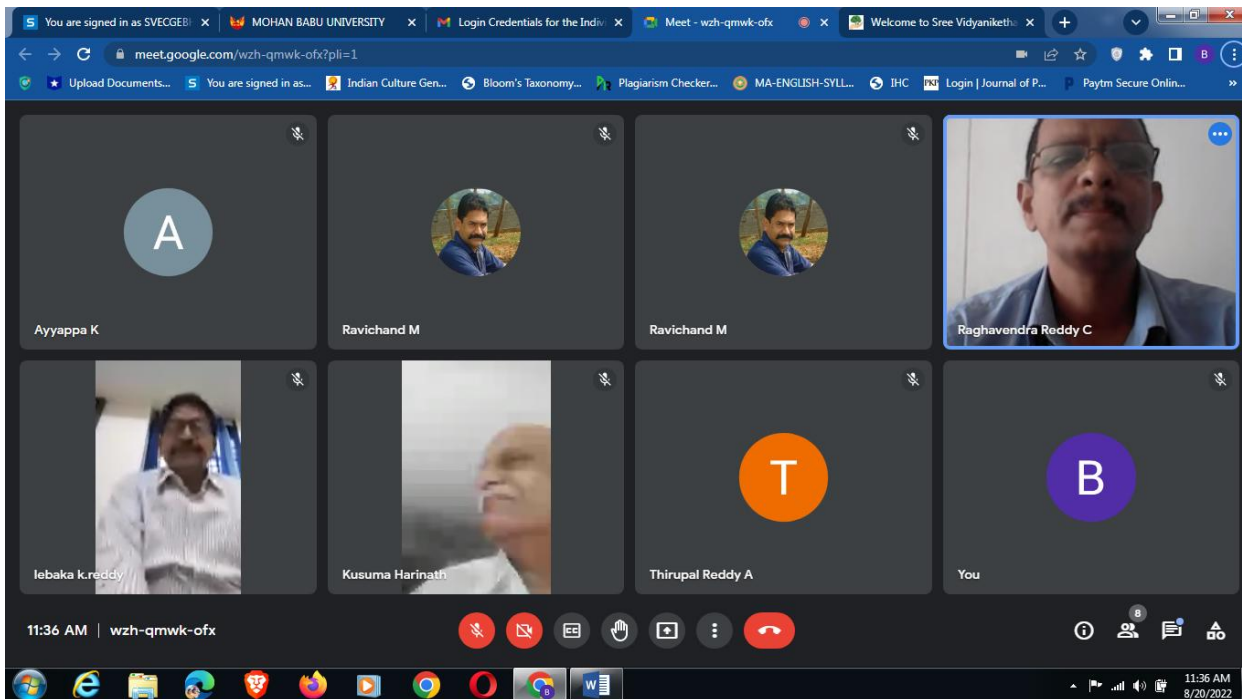
S. No.	Name of the Member	Designation
1	Dr. C. Raghavendra Reddy Assistant Professor (SL) BoS Chairperson	BoS Chairperson
2	Prof. G.M. Sundaravalli Professor of English and Vice-Chancellor Vikramasimhapuri University Nellore- 524324 Andhra Pradesh, India	External Member (Academics)
3	Dr.P. Kusuma Harinath Professor of English Department of English Sri Venkateswara University Tirupati-517502 Andhra Pradesh, India	External Member (Academics)
4	Prof. G. Stanley Jayakumar Professor of Sociology, Sri Venkateswara University Tirupati-517502 Andhra Pradesh, India	External Member (Academics)
5	Prof. L.Kullaiah Reddy Professor of Psychology	External Member (Academics)
6	Dr. M. Ravichand Professor	Internal Member (Academia)
7	Dr. G.M. Madhavi Assistant Professor	Internal Member (Academia)
8	Mr. M.N. Sreedhar Assistant Professor	Internal Member (Academia)
9	Dr. V.V. Parthu Assistant Professor	Internal Member (Academia)
10	Mr. Bala Murugan Assistant Professor	Internal Member (Academia)

K. Sreedhar

Screenshots of the Online Meeting: (English)

Google Meeting Link: <https://meet.google.com/wzh-qmwk-ofx>

Zoom Meeting Link: Time: Aug 20, 2022, 11:45 PM India, and the meeting was extended to Aug 22, 2022, 01:15 PM India, for more discussions.

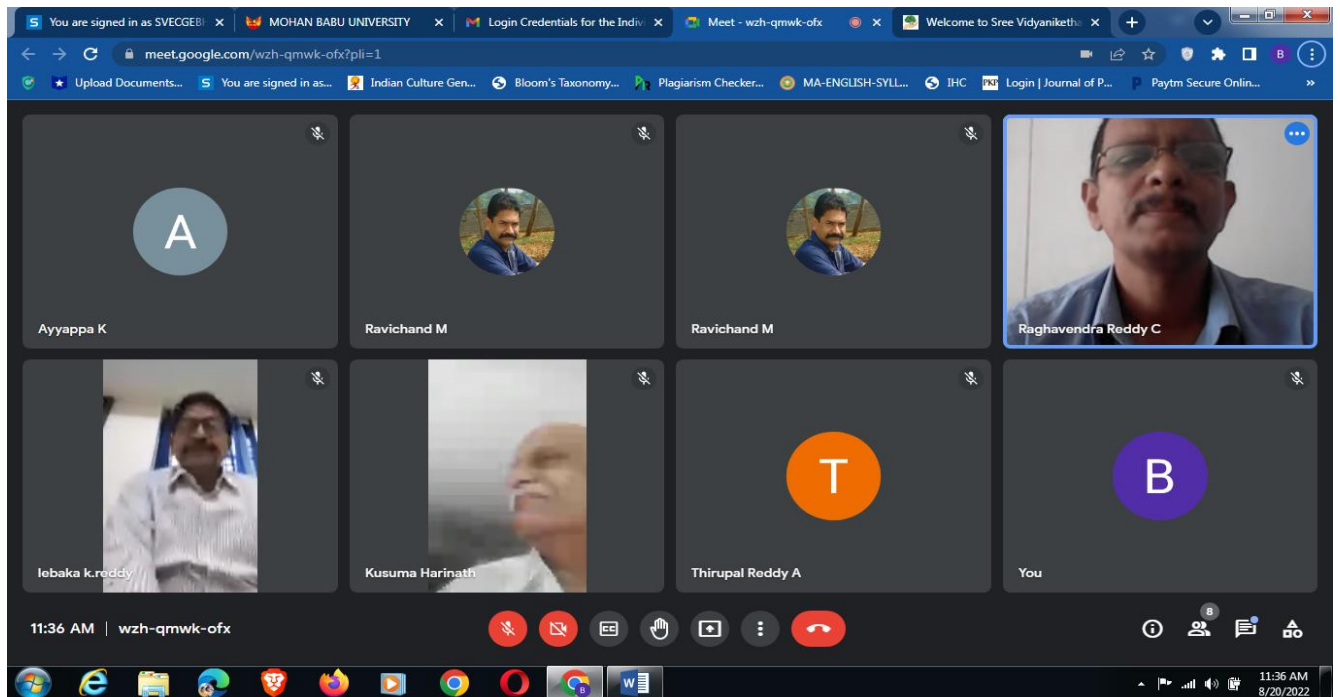


W. Srinivas
REGISTRAR
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Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

Screenshots of the Online Meeting: (Sociology)

Google Meeting Link: <https://meet.google.com/wzh-qmwk-ofx>

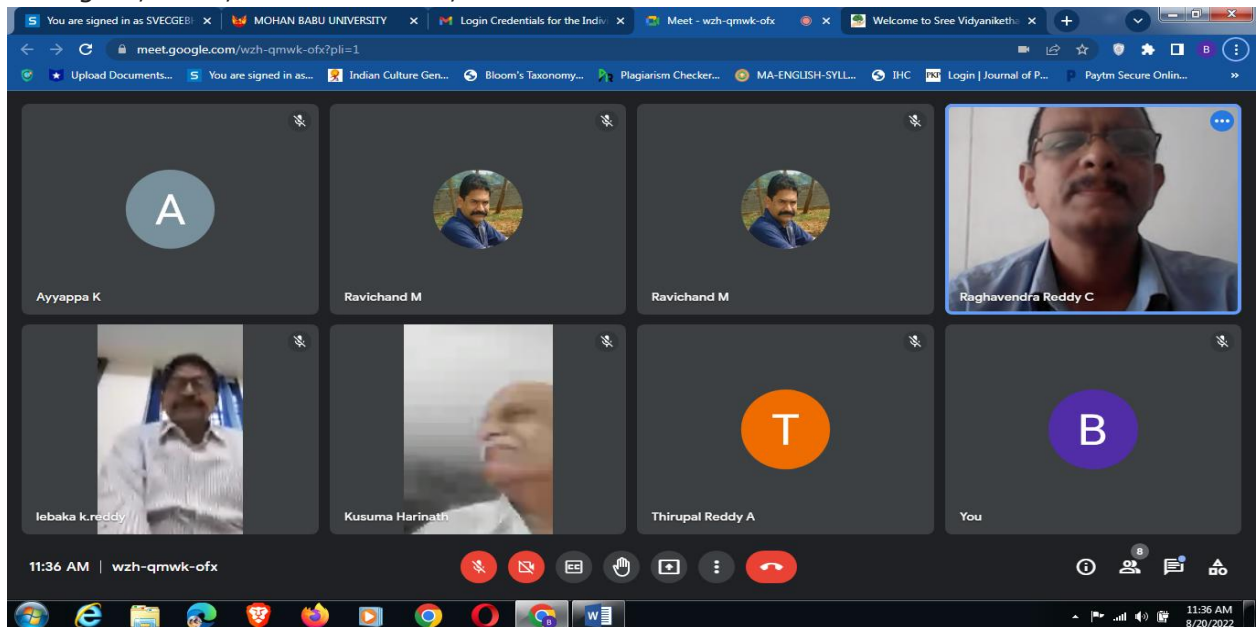
Zoom Meeting Link: Time: Aug 20, 2022, 1:45 PM India, and the meeting was extended to Aug 22, 2022, 2:15 PM India, for more discussions.



Screenshots of the Online Meeting: (Psychology)

Google Meeting Link: <https://meet.google.com/wzh-qmwk-ofx>

Zoom Meeting Link: Time: Aug 20, 2022, 1:45 PM India, and the meeting was extended to Aug 22, 2022, 03:15 PM India, for more discussions.

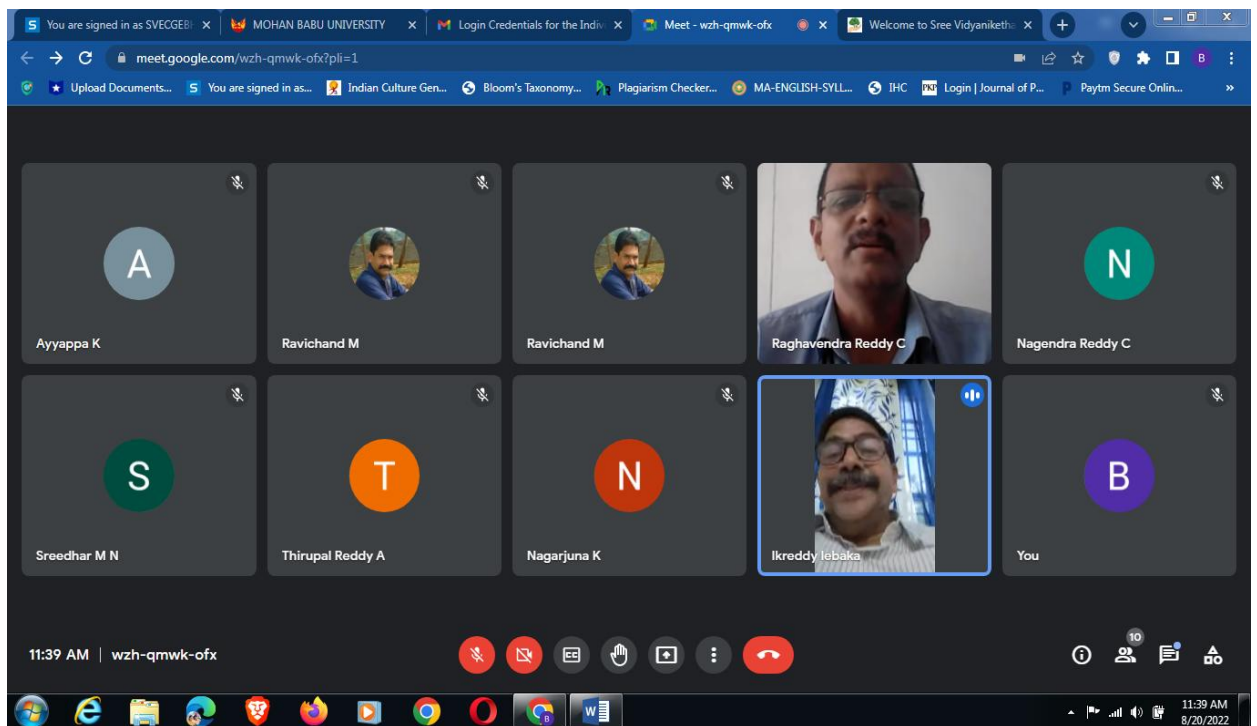
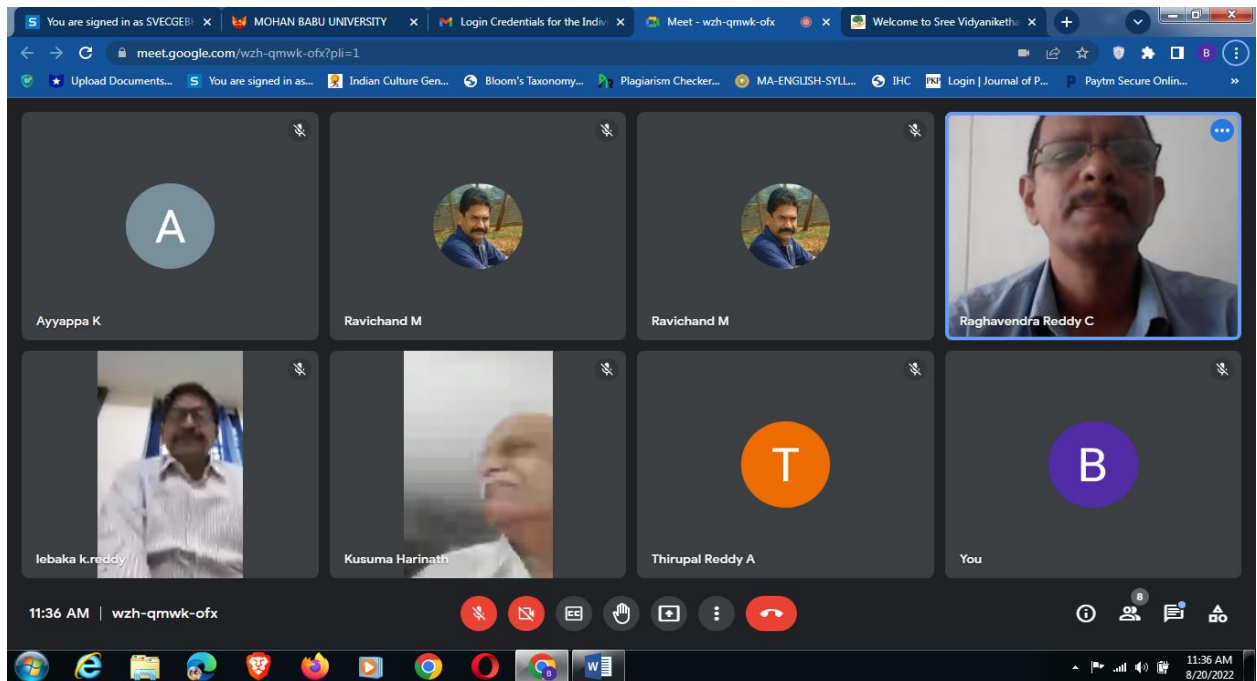



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Screenshots of the Online Meeting: (Psychology)

Google Meeting Link: <https://meet.google.com/wzh-qmwk-ofx>

Zoom Meeting Link: Time: Aug 20, 2022, 2:45 PM India, and the meeting was extended to Aug 22, 2022, 04:00 PM India, for more discussions.




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1) Vision and Mission of the Department:

BOS Members approved the proposed Vision and Mission of the Department presented in the meeting. (**ANNEXURE-I**).

2) PEOs, POs, PSOs, and Course Structure of B.A. English with Syllabi with Course Outcomes for the Courses of I B.A. English (Under MBU Regulations).

BOS Members approved the above-proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year B.A.English. (**ANNEXURE II**). Members have appreciated the efforts of the Chairman and Internal Members of BOS and the Department in framing syllabi in the best possible way.

3) PEOs, POs, PSOs, and Course Structure of M.A. English Syllabi with Course Outcomes for the Courses of I M.A.English (Under MBU Regulations).

BOS Members approved the above-proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year M.A. English (**ANNEXURE-III**). Members have appreciated the efforts of the Chairman and Internal Members of BOS and the Department in framing syllabi in the best possible way.

4) PEOs, POs, PSOs, and Course Structure of B.A.Sociology and Syllabi with Course Outcomes for the Courses of I B.A. Sociology (Under MBU Regulations).

BOS Members approved the above-proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year **B.A. Sociology (ANNEXURE-IV)**. Members have appreciated the efforts of the Chairman and Internal Members of BOS and the Department in framing syllabi in the best possible way.

5) PEOs, POs, PSOs, and Course Structure of B.A. Psychology and Syllabi with Course Outcomes for the Courses of I B.A. Psychology (Under MBU Regulations).

BOS Members approved the above-proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year **B.A. Psychology (ANNEXURE-V)**. Members have appreciated the efforts of the Chairman and Internal Members of BOS and the Department in framing syllabi in the best possible way.

6) Course Structure and Syllabi with Course Outcomes for MBA (Under MBU regulations.)

BOS Members approved the Syllabi with Course Outcomes of core courses of 1st year **MBA**. Members have appreciated the efforts of the Chairman and Internal Members of BOS and the Department in framing syllabi in the best possible way for Business English, personality development, Foundational English, Communicative English lab.

In addition, the following suggestions are made for further improvement.

In English Board:

It is suggested to include the following in B.A. ENGLISH

1. Nissim Ezekiel: 'Enterprise' to be replaced by 'Night of Scorpion' under Indian Writing in English and Mulk Raj Anand: Untouchable to be replaced by 'Coolie', under Indian Writing in English.


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2. To include 'Sripada Subramanya Sastri- Attar of Roses' Telugu Short Story under Modern Indian Writing in English Translation.
3. To include 'Treasure Island' by R.L. Stevenson under Literature for Children And Young Adults.
4. To Include Sir Philip Sydney 'An Apology for Poetry' and to remove John Dryden- An Essay on Dramatic Poesy as this is not period specific of Literature Of Medieval to Renaissance, Shakespeare: Hamlet to be replaced by Julius Caesar.
5. Charles Dickens: A Tale of Two Cities to be replaced by Sir Walter Scott - Ivanhoe Under Forms of Popular Fiction.
6. To include language theories under Linguistic Proficiency.
7. To include Alfred Lord Tennyson: Tithonus, Robert Browning: Last Ride Together, G. M. Hopkins: The Windhover, Mathew Arnold- Sweetness And Light, John Ruskin: Sesame And Lilies Lecture - III, Emily Bronte - Wuthering Heights Under Victorian Literature.
8. To include Edgar Allan Poe - The Raven, Emily Dickenson-1)Because I could Not Stop for Death 2) I Taste a Liquor Never Brewed, Robert Frost* - 1) The Road Not Taken 2) Stopping by Woods on a Snowy Evening under module 1, Tennessee Williams -A Street Car Named Desire, Arthur Miller - Death of a Salesman under American Literature.

It is suggested to include the following in M.A. ENGLISH

1. To include Short Story Under Basic Concepts in Literature.
2. To include Chaucer's Poetry- Canterbury Tales, John Donne: "The Good Morrow" And "The Canonization" is replaced by Benjohnson's Poems - (The Oak Tree) Small Poems, "Song: To Celia" (Better Known As "Drink To Me Only With Thine Eyes"), A Celebration Of Charis: I. His Excuse For Loving Under English Literature from Chaucer to Elizabethan Age.
3. To include Coleridge- Biographia Literaria Chapter 12, The Wasteland by T.S Eliot, Waiting for Godot Play- Samuel Beckett, Under Study Of The History of English Literature.
4. To include Milton- Lysidas, John Donne - A Valediction: Forbidding Mourning', Tempest Or Winters Tale, Ben Jonson - Volpone; Or, The Fox to be removed under Jacobean Era to Neoclassical Age.
5. To include William Wordsworth: "Ode On The Intimations Of Immortality, Charles Lamb: Dream Children, Dissertation Of A Roast Pig, Old China Under Romantic and Victorian Ages.
6. To include Word Formation under Introduction To Linguistics.

In sociology Board: It is suggested

1. To include Townships, Urbanisation and Sub-Urbanisation Ecological Theories, Real Estate, Problems and Perspectives, Smart Cities, Urban Planning, Urban Crimes, Urban Traffic, and Congestion under Urban Sociology.
2. To include Criminalisation of Politics, Meaning of Pressure Groups and their Relationship with Political Parties, Types Of Pressure Groups and their Role, Caste Organization, and Politics under Political Sociology.
3. To include Family, and Marriage, Polity, Rural Education, Rural Religion. Millets, and Commercial Crops. NGO 'Tibetan', Vermicompost under Rural Sociology.
4. To include Turning Hospitals Hospitable, Holistic Medicine, and The Different Medical Systems In India (Ayurveda, Siddha, etc.), Corona Pandemic, Cities into Holistic Medical Hubs, Sick Role, Patient-Physician Role Relationships, Paramedical, Nursing, Telemedicine, Digital Health, Therapeutic Approach,



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Naturopathy, Eye Donation, Blood Donation, Organ Donation, and Importance of 108 under Sociology Of Health and Medicine.

5. To include, Inter- caste and Inter-Religious Marriages under Sociology of India.
6. To include Social Media under Principles Of Sociology.

In Psychology Board: It is suggested

1. To include Attitudes and Behavior: Nature and Formation of Attitudes under Applied Social Psychology.
2. To include the Type A Personality Test under Basic Psychometry.
3. To include Roots of Clinical Psychology, Psychoanalytic Psychology under History Of Psychology.
4. To include Qualitative Methods and Quantitative Methods of Community Psychology under Introduction to Community Psychology.
5. To include Characteristics of An Effective Teacher, Teacher Expectations, and Student Performance under Introduction to Educational Psychology.
6. To include Approaches to Psychology – Behavioral, Psychodynamic Approach, Cognitive Approach under Foundations of Psychology.

Meeting concluded with thanks to the Members.



Dr. C.Raghavendra Reddy
BOS_Chairman
Languages and Social Sciences



REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



School of Commerce and Management

Department of Management

Agenda for 1st Meeting of Board of Studies in Management

for UG and PG on 20.08.2022 at 11.45 AM

(Online Mode through Google Meet)

1. Vision and Mission of the Department
2. PEOs, POs, PSOs, and Course Structure of B.B.A.General; and Syllabi with Course Outcomes for the Courses of I B.B.A. General (Under MBU Regulations).
3. PEOs, POs, PSOs, and Course Structure of B.B.A with specialization in E-Commerce and Supply Chain Management and Syllabi with Course Outcomes for the Courses of I B.B.A. with specialization in E-Commerce and Supply Chain Management (Under MBU Regulations).
4. PEOs, POs, PSOs, and Course Structure of B.B.A with specialization in Financial Technology and Syllabi with Course Outcomes for the Courses of I B.B.A. with specialization in Financial Technology (Under MBU Regulations).
5. PEOs, POs, PSOs, and Course Structure of B.B.A with specialization in Business Analytics and Syllabi with Course Outcomes for the Courses of I B.B.A. with specialization in Business Analytics (Under MBU Regulations).
6. PEOs, POs, PSOs, and Course Structure of B.B.A with specialization in Digital Marketing and Syllabi with Course Outcomes for the Courses of I B.B.A. with specialization in Digital Marketing (Under MBU Regulations).
7. PEOs, POs, PSOs, and Course Structure of M.B.A.General (Dual Specialisation); and Syllabi with Course Outcomes for the Courses of I M.B.A. General (Dual Specialisation) (Under MBU Regulations).
8. PEOs, POs, PSOs, and Course Structure of M.B.A with specialization in Business Analytics and Syllabi with Course Outcomes for the Courses of I M.B.A. with specialization in Business Analytics (Under MBU Regulations).
9. PEOs, POs, PSOs, and Course Structure of M.B.A with specialization in Digital Transformation and Syllabi with Course Outcomes for the Courses of I M.B.A. with specialization in Digital Transformation (Under MBU Regulations).
10. PEOs, POs, PSOs, and Course Structure of M.B.A with specialization in International Business and Syllabi with Course Outcomes for the Courses of I M.B.A. with specialization in International Business (Under MBU Regulations).
11. PEOs, POs, PSOs, and Course Structure of M.B.A with specialization in Logistics and Supply Chain Management and Syllabi with Course Outcomes for the Courses of I M.B.A. with specialization in Logistics and Supply Chain Management (Under MBU Regulations).



12. PEOs, POs, PSOs, and Course Structure of Bachelor of Hotel Management and Catering Technology (B.H.M.C.T); and Syllabi with Course Outcomes for the Courses of I B.H.M.C.T. (Under MBU Regulations).
13. Any other Item



DR.M. NARESH BABU
BOS_Chairman
Dept. of Management



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MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



School of Commerce and Management

Department of Management

1st Meeting of Board of Studies in Management

for UG and PG on 20.08.2022 at 11.45 AM

(Online Mode through Google Meet)

Members Present:

S. No.	Name of the Member	Designation
1.	Dr. M. Naresh Babu Chairman, BOS Department of Management	Chairman
2.	Dr. Anil Rao Paila Senior Dean & Director Prin L N Welingkar Institute of Management Development (WeSchool), Bangalore, Karnataka	External Member (Academia)
3.	Mr. P. Mohan Sr. Data Scientist Tech Mahindra Pvt Ltd Hyderabad - 500081 (Telangana) India	External Member (Industry)
4.	Dr. C. Prabhakar Reddy, Professor and Principal Global Institute of Hotel Management Hyderabad - 500 027	External Member (Special Invitee for BHMCT) (Academia)
5.	Dr. N.Gurunatha Naidu Professor	Internal Member (Academia)
6.	Dr. B. Nagarjuna Professor	Internal Member (Academia)
7.	Dr. J. Murthy Associate Professor	Internal Member (Academia)
8.	Dr. Joice Swarnalatha Associate Professor	Internal Member (Academia)
9.	Dr. Cristina Mary Alexander Assistant Professor	Internal Member (Academia)
10.	Dr. K. Balaji Assistant Professor	Internal Member (Academia)

Screenshots of the Online Meeting: on 20.08.2022 at 11.45 AM

S. No.	Title of the Course	Lectur e L	Tutoria l T	Practica l P	Project based Learning S	Credits C	Pre-requisite
1.	Food & Beverage Production- I	3	-	4	-	5	-
2.	Food & Beverage Service -I	3	-	4	-	5	-
3.	Front Office -I	3	-	2	-	4	-
4.	House Keeping-I	3	-	2	-	4	-
5.	Food & Beverage Production - II	3	-	4	-	5	-
6.	Food & Beverage Service -II	3	-	4	-	5	-
7.	Front Office-II	3	-	2	-	4	-
8.	Housekeeping -II	3	-	2	-	4	-
9.	Internship	-	-	-	-	20	-
10	Food Legislation	2	-	-	-	2	-
11	Capstone Project	-	-	-	-	10	-
Language Basket (Min. 4 Credits to be earned)							
11.	English for Professionals	2	-	2	-	3	-
12.	Professional Development	2	-	2	-	3	-
13.	German Language	2	-	-	-	2	-
14.	French Language	2	-	-	-	2	-
Computer Applications for Hospitality (Min. 6 Credits)							
15.	Computer Applications in Hospitality Industry	2	-	-	-	2	-

S. No.	Title of the Course	Lectur e L	Tutoria l T	Practica l P	Project based Learning S	Credits C	Pre-requisite
1.	Food & Beverage Production- I	3	-	4	-	5	-
2.	Food & Beverage Service -I	3	-	4	-	5	-
3.	Front Office -I	3	-	2	-	4	-
4.	House Keeping-I	3	-	2	-	4	-
5.	Food & Beverage Production - II	3	-	4	-	5	-
6.	Food & Beverage Service -II	3	-	4	-	5	-
7.	Front Office-II	3	-	2	-	4	-
8.	Housekeeping -II	3	-	2	-	4	-
9.	Internship	-	-	-	-	20	-
10	Food Legislation	2	-	-	-	2	-
11	Capstone Project	-	-	-	-	10	-
Language Basket (Min. 4 Credits to be earned)							
11.	English for Professionals	2	-	2	-	3	-
12.	Professional Development	2	-	2	-	3	-
13.	German Language	2	-	-	-	2	-
14.	French Language	2	-	-	-	2	-
Computer Applications for Hospitality (Min. 6 Credits)							
15.	Computer Applications in Hospitality Industry	2	-	-	-	2	-


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1. Vision and Mission of the Department:

BOS Members approved the proposed Vision and Mission of the Department (**ANNEXURE-I**).

2. PEOs, POs, PSOs, and Course Structure of B.B.A.General; and Syllabi with Course Outcomes for the Courses of I B.B.A. General (Under MBU Regulations).

BOS Members approved the proposed Course Structure of B.B.A General, Syllabi with Course Outcomes of I B.B.A of MBU Regulations (**ANNEXURE-II**). Members have appreciated the efforts of Chairperson and Internal Members of BOS and the Department in framing syllabi in a best possible way. In addition, the following suggestions are made for further improvement.

❖ Suggested to ascertain prerequisites for the courses program core especially about core functional areas of management i.e., HRM, Marketing, and Finance

3. PEOs, POs, PSOs, and Course Structure of B.B.A with specialization in E-Commerce and Supply Chain Management and Syllabi with Course Outcomes for the Courses of I B.B.A. with specialization in E-Commerce and Supply Chain Management (Under MBU Regulations).

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of E-Commerce and Supply Chain Management of I B.B.A with speculiation in E-Commerce and Supply Chain Management of MBU Regulations (**ANNEXURE-III**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. In addition, the following suggestions are made for further improvement.

❖ Suggested to ascertain prerequisites for the courses under program electives related ot operations and supply chain should be revised.

4. PEOs, POs, PSOs, and Course Structure of B.B.A with specialization in Financial Technology and Syllabi with Course Outcomes for the Courses of I B.B.A. with specialization in Financial Technology (Under MBU Regulations).

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of B.B.A core courses of I B.B.A with specialization in Financial Technology of MBU Regulations (**ANNEXURE-IV**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

5. PEOs, POs, PSOs, and Course Structure of B.B.A with specialization in Business Analytics and Syllabi with Course Outcomes for the Courses of I B.B.A. with specialization in Business Analytics (Under MBU Regulations).

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of core courses of I B.B.A with Business Analytics specilasiation of MBU Regulations (**ANNEXURE-V**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. In addition, the following suggestions are made for further improvement.

❖ Suggested adding specialisation elective papers like Data Visualaistaion with R, Microsoft AZURE, etc.


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6. PEOs, POs, PSOs, and Course Structure of B.B.A with specialization in Digital Marketing and Syllabi with Course Outcomes for the Courses of I B.B.A. with specialization in Digital Marketing (Under MBU Regulations).

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of core courses of I B.B.A with Digital Marketing specialisation of MBU Regulations (**ANNEXURE-VI**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. In addition, the following suggestions are made for further improvement.

- ❖ Suggested to rename the subject called Neuromarketing as Neuromarketing Applications, Lead Generation and e-marketing as e-marketing applications

7. PEOs, POs, PSOs, and Course Structure of M.B.A.General (Dual Specialisation); and Syllabi with Course Outcomes for the Courses of I M.B.A. General (Dual Specialisation) (Under MBU Regulations).

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of core courses of I M.B.A Dual Specialisation of MBU Regulations (**ANNEXURE-VII**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. In addition, the following suggestions are made for further improvement.

- ❖ Suggested to include prerequisites for the courses offered in program core and program electives.
- ❖ Suggested renaming the subject Work Models - Physical and Digital to Hybrid Work Environment.

8. PEOs, POs, PSOs, and Course Structure of M.B.A with specialization in Business Analytics and Syllabi with Course Outcomes for the Courses of I M.B.A. with specialization in Business Analytics (Under MBU Regulations).

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of core courses of I M.B.A with Business Analytics Specialisation of MBU Regulations (**ANNEXURE-VIII**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. In addition, the following suggestions are made for further improvement.

- ❖ Suggested to include few more courses in specialisation that are emerging in business analytics.
- ❖ Suggested renaming the subject Fintech to FinTech and its Advancements, Business Forecasting to Business Forecasting Methods

9. PEOs, POs, PSOs, and Course Structure of M.B.A with specialization in Digital Transformation and Syllabi with Course Outcomes for the Courses of I M.B.A. with specialization in Digital Transformation (Under MBU Regulations).

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of core courses of I M.B.A with Digital Transformation Specialisation of MBU Regulations (**ANNEXURE-IX**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. In addition, the following suggestions are made for further improvement.


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❖ Suggested to include the following courses in specialisation basket.

- a. Digital Transformation Trends
- b. Leadership in Industry 4.0
- c. Business Incubation and Significance

10. PEOs, POs, PSOs, and Course Structure of M.B.A with specialization in International Business and Syllabi with Course Outcomes for the Courses of I M.B.A. with specialization in International Business (Under MBU Regulations).

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of core courses of I M.B.A with International Business Specialisation of MBU Regulations (**ANNEXURE-X**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. In addition, the following suggestions are made for further improvement.

❖ Suggested to include few more courses in specialisation that are emerging in International Business.

11. PEOs, POs, PSOs, and Course Structure of M.B.A with specialization in Logistics and Supply Chain Management and Syllabi with Course Outcomes for the Courses of I M.B.A. with specialization in Logistics and Supply Chain Management (Under MBU Regulations).

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of core courses of I M.B.A with Logistics and Supply Chain Management Specialisation of MBU Regulations (**ANNEXURE-XI**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. In addition, the following suggestions are made for further improvement.

❖ Suggested including the following course

- a. Logistics Efficiency
- b. ERP in Logistics
- c. Supply Chain Systems, Application, and Production

12. PEOs, POs, PSOs, and Course Structure of Bachelor of Hotel Management and Catering Technology (B.H.M.C.T); and Syllabi with Course Outcomes for the Courses of I B.H.M.C.T. (Under MBU Regulations).

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of Bachelor of Hotel Management and Catering Technology (B.H.M.C.T) of MBU Regulations (**ANNEXURE-XI**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. In addition, the following suggestions are made for further improvement.

❖ Suggested including the following course

- a. Catering Technologies
- b. Personnel Management for Catering Services


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DR.M. NARESH BABU
BOS_Chairman
Dept. of Management



School of Commerce and Management

Department of Commerce

Agenda for 1st Meeting of Board of Studies in Commerce

for UG and PG on 20.08.2022 at 3.00 P.M

(Online Mode through Google Meet)

1. Vision and Mission of the Department
2. PEOs, POs, PSOs, and Course Structure of B.Com.; and Syllabi with Course Outcomes for the Courses of I B.Com. (Under MBU Regulations).
3. PEOs, POs, PSOs, and Course Structure of B.Com. with Specialization in Computer Applications; and Syllabi with Course Outcomes for the Courses of I B.Com. with Specialization in Computer Applications (Under MBU Regulations).
4. PEOs, POs, PSOs, and Course Structure of B.Com. with Specialization in Banking and Finance; and Syllabi with Course Outcomes for the Courses of I B.Com. with Specialization in Banking and Finance (Under MBU Regulations).
5. PEOs, POs, PSOs, and Course Structure of B.Com. with Specialization in Corporate Accounting and Taxation; and Syllabi with Course Outcomes for the Courses of I B.Com. with Specialization in Corporate Accounting and Taxation (Under MBU Regulations).
6. PEOs, POs, PSOs, and Course Structure of M.Com.; and Syllabi with Course Outcomes for the Courses of I M.Com. (Under MBU Regulations).
7. PEOs, POs, PSOs, and Course Structure of M.Com. with specialization in Forensic Audit and Corporate Fraud Prevention; and Syllabi with Course Outcomes for the Courses of I M.Com. with specialization in Forensic Audit and Corporate Fraud Prevention (Under MBU Regulations).
8. Course Syllabi with Course Outcomes of Courses related to Economics of I B.Sc.(Mathematics, Economics, Statistics) (Under MBU Regulations).
9. Any other Item

Dr. K. Muneendra
BOS_Chairman
Dept. of Commerce

REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



School of Commerce and Management

Department of Commerce

Agenda for 1st Meeting of Board of Studies in Commerce

for UG and PG on 20.08.2022 at 3.00 P.M

(Online Mode through Google Meet)

Members Present:

S. No.	Name of the Member	Designation
1.	Dr. K. Muneendra Assistant Professor Department Commerce	Chairman
2.	Dr. V. Appa Rao Professor Department of Commerce School of Commerce & Business Management Osmania University, Hyderabad - 500007	External Member (Academia)
3.	Ms. M.C. Venkatnath Chartered Accountant Ramraj & Co Chartered Accountants Tirupati - 5175001	External Member (Industry)
4.	Mrs. V. Supraja Project Associate Samsung R & D Marthahalli, Bengaluru - 560037	External Member (Alumni)
5.	Dr. S. Karim Associate Professor Department of Commerce	Internal Member (Academia)
6.	Dr. S. Susendiran Associate Professor Department of Commerce	Internal Member (Academia)
7.	Dr. P. Changalrayulu Assistant Professor Department of Commerce	Internal Member (Academia)
8.	Dr. D. Krupavathi Assistant Professor Department of Commerce	Internal Member (Academia)
9.	Dr. D. Venkatesh Assistant Professor Department of Commerce	Internal Member (Academia)
10.	Mr. G. Subramanyam Assistant Professor Department of Commerce	Internal Member (Academia)

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Screenshots of the Online Meeting: on 20.08.2022 at 03.00 PM

The screenshot shows a Microsoft Word document titled 'Program Outcomes final - B.Com - Word' with a video call overlay. The document contains a table with the following data:

S. No.	Title of the Course	Lecture	Tutorial	Practical	Project based Learning
		L	T	P	S
1.	Food & Beverage Production- I	3	-	4	-
2.	Food & Beverage Service -I	3	-	4	-
3.	Front Office -I	3	-	2	-
4.	House Keeping-I	3	-	2	-
5.	Food & Beverage Production - II	3	-	4	-
6.	Food & Beverage Service -II	3	-	4	-
7.	Front Office-II	3	-	2	-
8.	Housekeeping -II	3	-	2	-
9.	Internship	-	-	-	-
10.	Food Legislation	2	-	-	-
11.	Capstone Project	-	-	-	-
Language Basket (Min. 4 Credits to be earned)					
11.	English for Professionals	2	-	2	-
12.	Professional Development	2	-	2	-
13.	German Language	2	-	-	2
14.	French Language	2	-	-	2
Computer Applications for Hospitality (Min. 6 Credits)					
15.	Computer Applications in Hospitality Industry	2	-	-	2

The video call interface shows participants: Dr. Naresh Babu M, Prof. P Narajana Reddy, Prof.N.GURUNATHA NAIDU, C Prabhakar Reddy, P. Mohan, and Dr. Anil Rao Paila, Director.

The screenshot shows a Microsoft Word document titled 'Program Outcomes final - B.Com - Word' with a video call overlay. The document contains the following text:

Program Education Objectives
After few years of graduation, B.Com – General graduates will:

PEO	Program Education Objectives (PEOs)
PEO 1	Pursue higher education and advance research in the field of commerce, business, finance, management and other allied areas of interest.
PEO 2	Address the contemporary issues in business or related field and provide appropriate solutions through professional career in industry/teaching/research.
PEO 3	Plan and develop the start-ups and entrepreneurial ventures independently through skills developed during the tenure of the course.
PEO 4	Demonstrate managerial skills and leadership qualities, participate in continuing education programs for life-long learning and to lead the diverse teams and small groups to achieve the common goals of an organization.

The video call interface shows participants: Dr. MC Venkatanath, Venkatesh, vivo 1907, and Dr. D. Krupavathi.


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1) Vision and Mission of the Department:

BOS Members approved the proposed Vision and Mission of the Department presented in the meeting. **(ANNEXURE-I)**.

2) PEOs, POs, PSOs, and Course Structure of B.Com.; and Syllabi with Course Outcomes for the Courses of I B.Com. (Under MBU Regulations).

BOS Members approved the above proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year B.Com. (Under MBU Regulations) **(ANNEXURE-II)**. In addition, the following suggestions are made for further improvement.

- Plan and conduct Faculty Development Programs on emerging subjects
- Conduct more number of Expert lectures from industry
- Formation of Students' Debate Club, Students' Research Club, Sick Industry Inquiry Club.
- Accounting Lab with Practice of real time accounting for the data gathered from the different sources.
- Suggested to introduce computerised accounting software courses like SAP, Power BI, MS - Excel etc. in the 3rd year B.Com., if possible.
- Address societal issues to the students and find solutions.
- Students' compulsory participation in Sport and extracurricular activities.

3) PEOs, POs, PSOs, and Course Structure of B.Com. with Specialization in Computer Applications; and Syllabi with Course Outcomes for the Courses of I B.Com. with Specialization in Computer Applications (Under MBU Regulations).

BOS Members approved the above proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year B.Com. with specialization in Computer Applications **(ANNEXURE-III)**. Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

4) PEOs, POs, PSOs, and Course Structure of B.Com. with Specialization in Banking and Finance; and Syllabi with Course Outcomes for the Courses of I B.Com. with Specialization in Banking and Finance (Under MBU Regulations).

BOS Members approved the above proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year B.Com. with specialization in Banking and Finance **(ANNEXURE-IV)**. Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

5) PEOs, POs, PSOs, and Course Structure of B.Com. with Specialization in Corporate Accounting and Taxation; and Syllabi with Course Outcomes for the Courses of I B.Com. with Specialization in Corporate Accounting and Taxation (Under MBU Regulations).


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BOS Members approved the above proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year B.Com. with specialization in Corporate Accountig and Taxation (**ANNEXURE-V**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

6) PEOs, POs, PSOs, and Course Structure of M.Com.; and Syllabi with Course Outcomes for the Courses of I M.Com. (Under MBU Regulations).

BOS Members approved the above proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year M.Com. (**ANNEXURE-VI**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

7) PEOs, POs, PSOs, and Course Structure of M.Com. with specialization in Forensic Audit and Corporate Fraud Prevention; and Syllabi with Course Outcomes for the Courses of I M.Com. with specialization in Forensic Audit and Corporate Fraud Prevention (Under MBU Regulations).

BOS Members approved the above proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year M.Com. with specialization in Forensic Audit and Corporate Fraud Prevention (**ANNEXURE-VII**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

8) Course Syllabi with Course Outcomes of Courses related to Economics of I B.Sc.(Mathematics, Economics, Statistics) (Under MBU Regulations).

BOS Members approved the above proposed Course Syllabi with Course Outcomes of Economics of I B.Sc(Mathematics, Economics, Statistics). (**ANNEXURE-VIII**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

Meeting concluded with thanks to the Members.

Dr. K. Muneendra
BOS_Chairman
Dept. of Commerce

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**Agenda for 1st Meeting of Board of Studies in Paramedical Sciences on
21.01.2023 at 03:00 PM**

1. Vision and Mission of the School
2. Program Outcomes.
3. Course Structure and Syllabi with course outcomes for the courses of I Semester B.Sc. Paramedical Sciences Programs
 - B.Sc. Optometry
 - B.Sc. Radiology and Imaging Technology
 - B.Sc. Emergency Medicine and Critical Care Technology
 - B.Sc. Anesthesia and Operation Theatre Technology
 - B.Sc. Cardio Vascular Technology
 - B.Sc. Dialysis Technology
 - B.Sc. Respiratory Therapy
 - B.Sc. Medical Lab Technology
4. Any other Item

Mr. A. SANKAR

I/c Chairman BOS, Paramedical Sciences

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**1st Meeting of Board of Studies in Paramedical Sciences
for B.Sc. Programs on 21.01.2023 at 03:00 PM**

(Online Mode)

MINUTES

Members Present:

S. No.	Name of the Member	Designation
1.	Prof. Nagaraj Ramrao	Vice Chancellor
2.	Dr. K. Saradhi	Registrar
3.	Dr. P. Venkatramana	Dean (Academic Affairs)
4.	Mr. A. Sankar Assistant Professor	I/c BOS Chairperson
5.	Dr. V. Ajai Assistant Professor	Internal Member (Academia)
6.	Dr. Aloka Samantaray HOD, Department of Anesthesia, Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati	External Member (Academia)
7.	Dr. Vinod Bhan HOD, Department of CVT, Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati	External Member (Academia)
8.	Dr. Ram HOD, Department of Nephrology, Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati	External Member (Academia)
9.	Dr. Aparna R Bitla HOD, Department of Biochemistry, Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati	External Member (Academia)

Zoom Credentials for Online Zoom Meeting

Topic : Board of Studies Meeting – Department of Paramedical Sciences

Time : 21 January 2023 (Saturday) at 03:00 PM

Join Zoom Meeting:

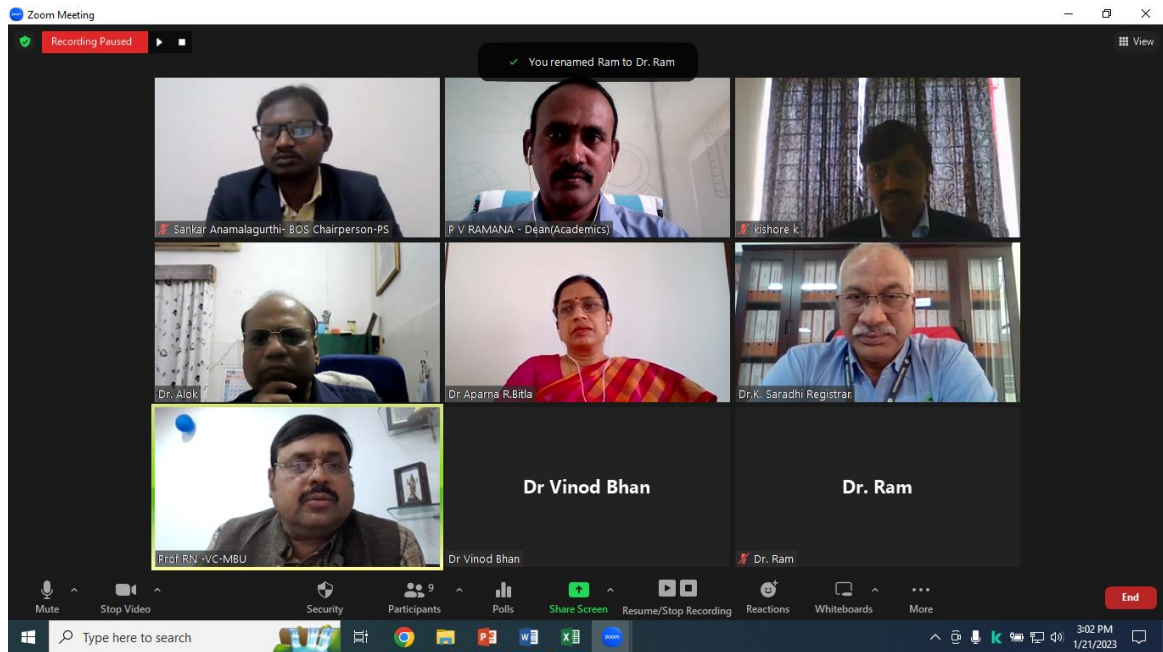
<https://zoom.us/j/9769083542?pwd=aXJhbGZGU3FnOW13RnlUOFVFeEQ1UT09>

Meeting ID: **9769083542**

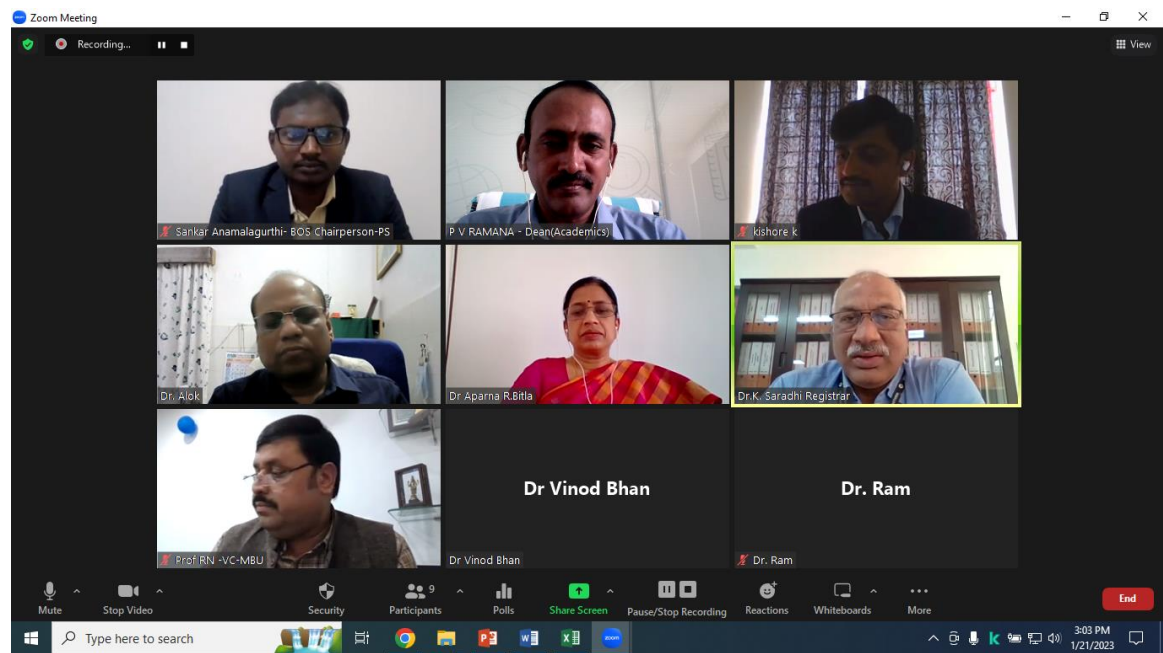
Passcode : **54321**


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Screen shots of the Meeting

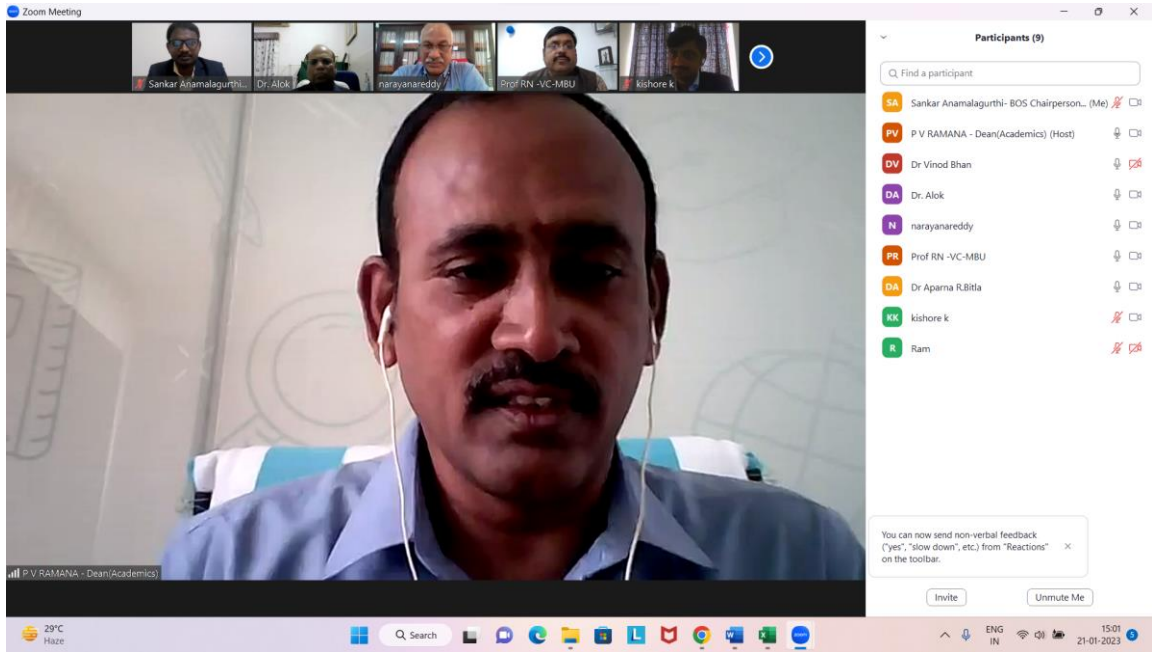


Vice Chancellor welcoming the Honorable Members

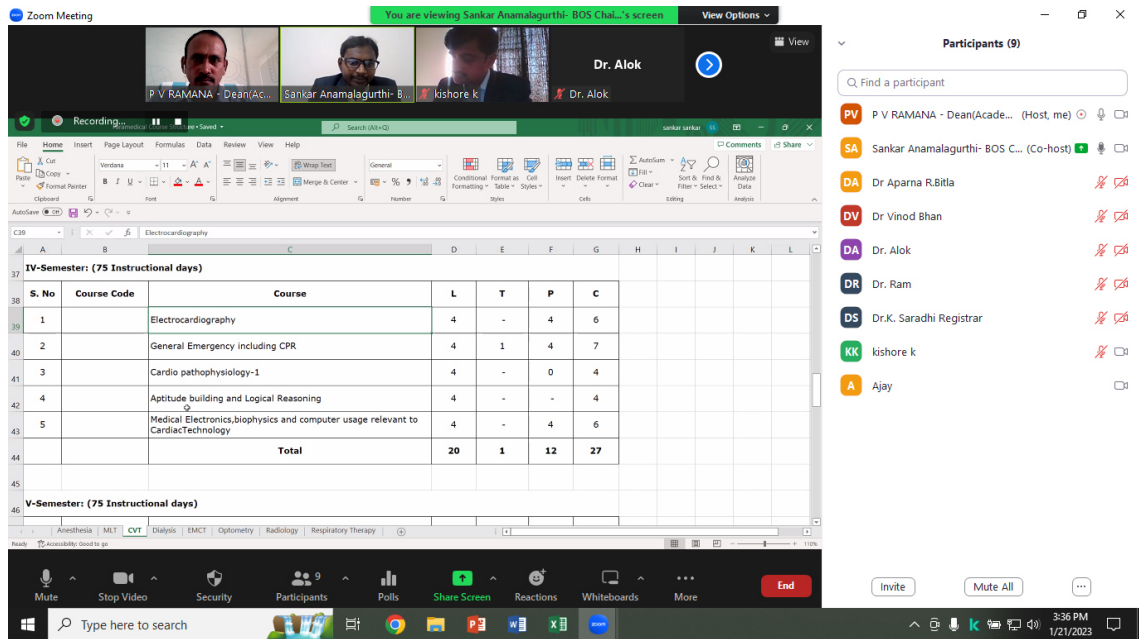


Registrar Addressing the Honorable members


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Dean (Academic Affaris) presenting the philosophy of MBU Curriculum and Regualtions



Mr. Sankar presenting the Program-wise Curriculum

K. Saradhi
REGISTRAR
MOHAN BABU UNIVERSITY
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1. Vision and Mission of the School

BOS Members approved the proposed Vision and Mission of the School (**ANNEXURE-I**).

2. Program Outcomes.

BOS Members approved the proposed Program Outcomes of B.Sc. programs of Paramedical Sciences under MBU22 Regulations (**ANNEXURE-II**).

3. Course Structure and Syllabi with course outcomes for the courses of I Semester following B.Sc. Paramedical Sciences Programs

- B.Sc. Optometry
- B.Sc. Radiology and Imaging Technology
- B.Sc. Emergency Medicine and Critical Care Technology
- B.Sc. Anesthesia and Operation Theatre Technology
- B.Sc. Cardio Vascular Technology
- B.Sc. Dialysis Technology
- B.Sc. Respiratory Therapy
- B.Sc. Medical Lab Technology

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of B.Sc. Paramedical Sciences Programs offered in I-Semester (**ANNEXURE-III**).

4. Recommendation of Honorable Members.

- ❖ Advised to introduce courses/topics on extracting of signals from human body in the curriculum.
- ❖ Advised to introduce medical equipment concepts/course in the curriculum.

Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

Meeting concluded with thanks to the Members.



Mr. A. SANKAR
I/c Chairman BOS, Paramedical Sciences



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**Agenda for 1st Meeting of Board of Studies in Physiotherapy on
25.01.2023 at 03:00 PM**

1. Vision and Mission of the School
2. Program Educational Objectives, Program Outcomes and Program Specific Outcomes of B.P.T. Program
3. Course Structure and Syllabi with course outcomes for the courses of I Semester B.P.T. Program
4. Any other Item

Dr. C. Kishore
I/c Chairman BOS, Physiotherapy

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**1st Meeting of Board of Studies in Paramedical Sciences
for B.Sc. Programs on 21.01.2023 at 03:00 PM**

(Online Mode)

MINUTES

Members Present:

S. No.	Name of the Member	Designation
1.	Prof. Nagaraj Ramrao	Vice Chancellor
2.	Dr. K. Saradhi	Registrar
3.	Dr. P. Venkatramana	Dean (Academic Affairs)
4.	Dr. K. Chenchu Kishore Assistant Professor	I/c BOS Chairperson
5.	Dr. K. Madhavi Principal College of Physiotherapy, Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati	External Member (Academia)
6.	Dr. V. Kiran Principal Appollo College of Physiotherapy, Chittoor - 517 127	External Member (Academia)

Zoom Credentials for Online Zoom Meeting

Topic : Board of Studies Meeting – Department of Paramedical Sciences

Time : 21 January 2023 (Saturday) at 03:00 PM

Join Zoom Meeting:

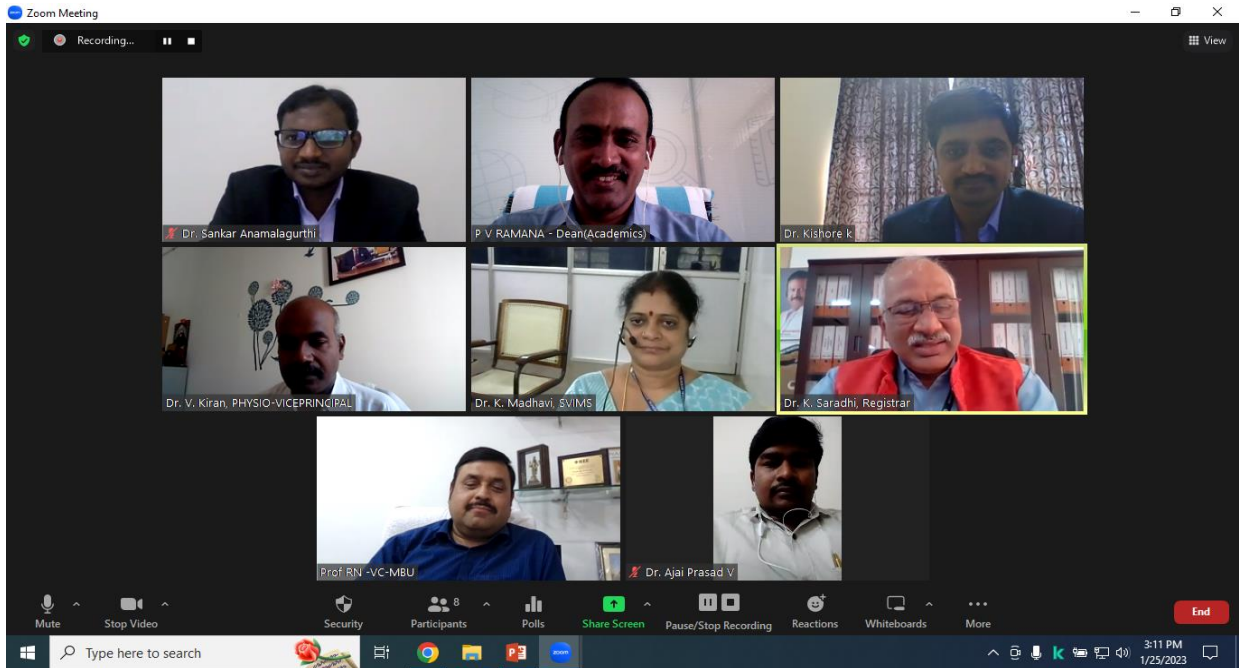
<https://zoom.us/j/9769083542?pwd=aXJhbGZGU3FnOW13RnlUOFVEeEQ1UT09>

Meeting ID: **9769083542**

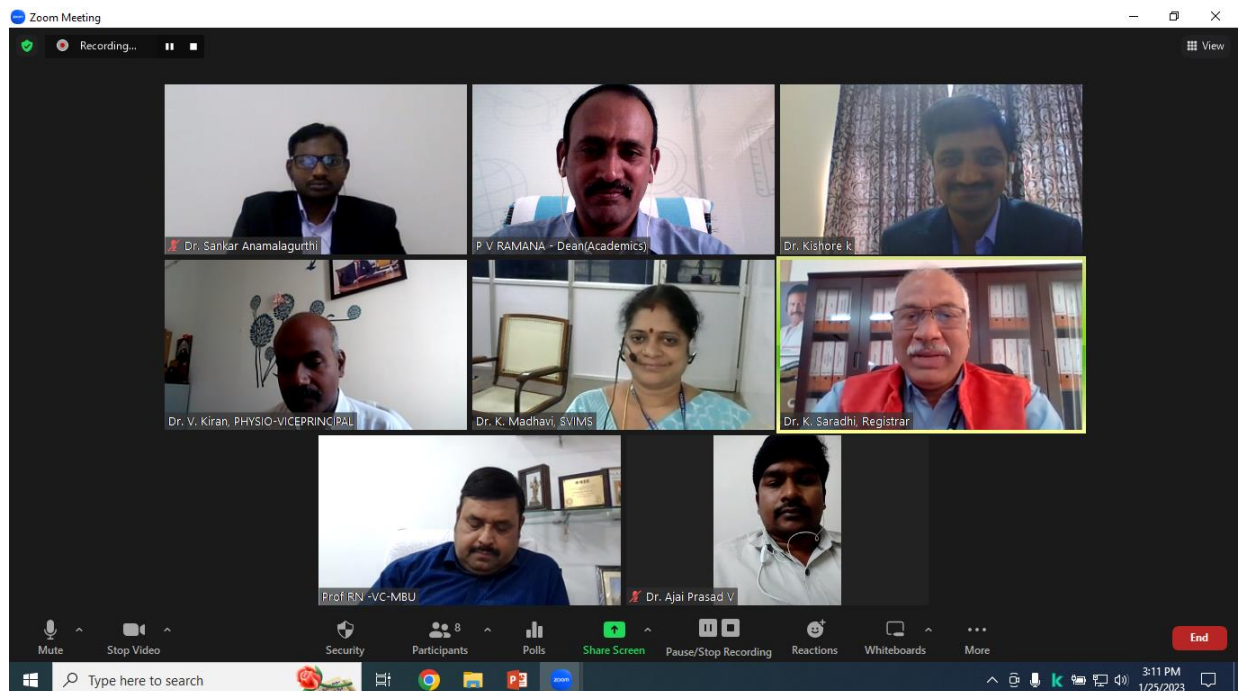
Passcode : **54321**


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Screenshots of the Meeting

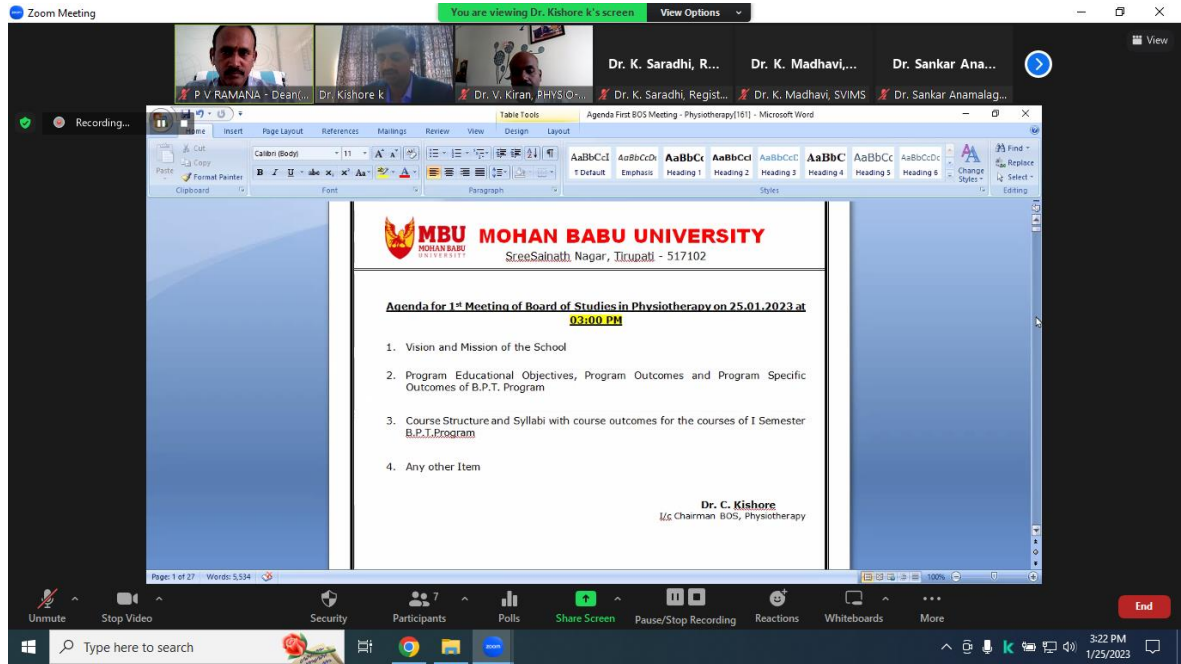


Prof. Nagaraj Ramrao, Honorable Vice Chancellor welcoming the Honorable Members

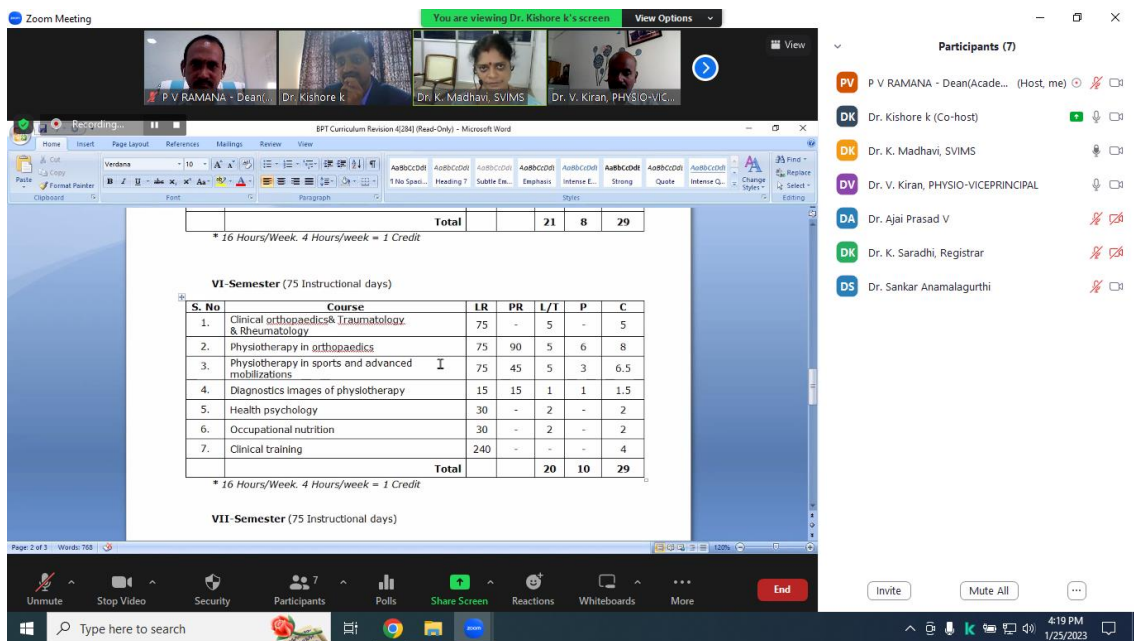


Dr. K. Saradhi, Registrar, MBU Addressing the Honorable members


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Dr. Chenchu Kishore, I/c BOS Chairperson, presenting the agenda Items



Dr. K. Madhavi presenting her suggestion on change in courses and content of the courses

K. Madhavi
REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

1. Vision and Mission of the School

BOS Members approved the proposed Vision and Mission of the School (**ANNEXURE-I**).

2. Program Outcomes.

BOS Members approved the proposed Program Outcomes of BPT under MBU22 Regulations (**ANNEXURE-II**).

3. Course Structure and Syllabi with course outcomes for the courses of I Semester for the Bachelor of Physiotherapy program

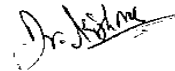
BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of BPT Program offered in I-Semester (**ANNEXURE-III**).

4. Recommendation of Honorable Members.

- ❖ Advised to change school name in the vision from paramedical to Allied and Health Care Sciences
- ❖ Advised to introduce sociology instead of basics principles of Biomechanics
- ❖ Advised to add some topics in anatomy & physiology
- ❖ Advised to shuffle courses in the curriculum logically

Members have appreciated the efforts of the Chairman and Internal Members of BOS and the Department in framing syllabi in the best possible way.

The meeting concluded with thanks to the Members.



Dr. K. Chenchu Kishore
I/c Chairman BOS, Physiotherapy



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MOHAN BABU UNIVERSITY

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**Agenda for 1st Meeting of Board of Studies in School of Agriculture on
06.02.2023 at 12:00 Noon**

1. Vision and Mission of the School
2. Program Outcomes
3. Course Structure and Syllabi with course outcomes for the courses of I Semester
B.Sc. (Hons.) Agriculture
4. Any other Item

Dr. R. Gowri Sankara Rao
Chairman BOS,
School of Agriculture

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Andhra Pradesh-517 102



**1st Meeting of Board of Studies for B.Sc. (Hons.) Ag. Program on
06.02.2023 at 12:00 to 01: 30 PM**
(Online Mode)

MINUTES

Members Present:

Name of the Member	Designation
Prof. Nagaraj Ramrao	Vice Chancellor
Dr. K. Saradhi	Registrar
Dr. P. Venkatramana	Dean (Academic Affairs)
Dr. Gowri Sankara Rao	Dean (School of Agriculture)
Dr. Kusumakar Sharma Retd. ADG, ICAR, New Delhi.	External Member (Academia)
Dr. Venkateswarulu Joint Director, ICAR, NAARM, Hyderabad.	External Member (Academia)
Dr. Senthil Vinayagam, Principal Scientist, ICAR, NAARM, Hyderabad.	External Member (Academia)
Dr. Samba Siva Rao D Assistant Professor	Internal Member (Academia)
Dr. Vinod Kumar Naik Assistant Professor	Internal Member (Academia)
Dr. Chandra Sekhar Assistant Professor	Internal Member (Academia)
Ms. Amrutha Jadav Assistant Professor	Internal Member (Academia)

Zoom Credentials for Online Zoom Meeting

Topic : Board of Studies Meeting – Department of Agriculture

Time : 06 February 2023 (Monday) at 12:00 Noon

Join Zoom Meeting:

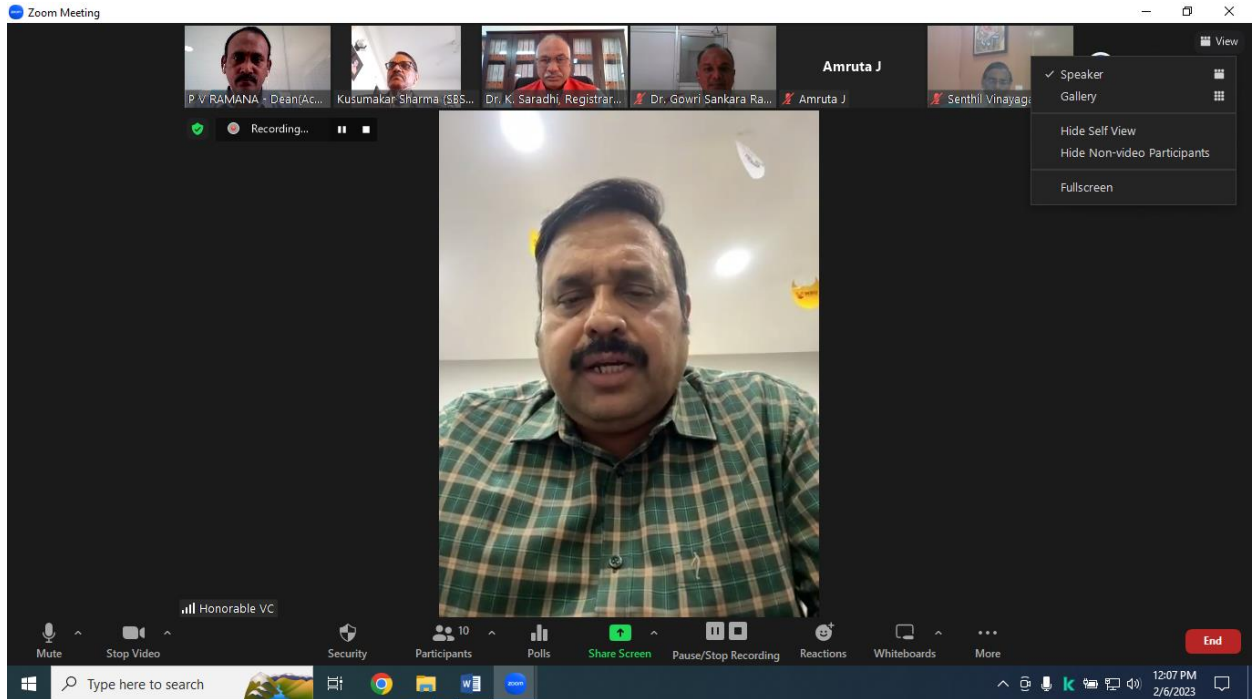
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Meeting ID: **9769083542**

Passcode : **54321**


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Screen shots of the Meeting

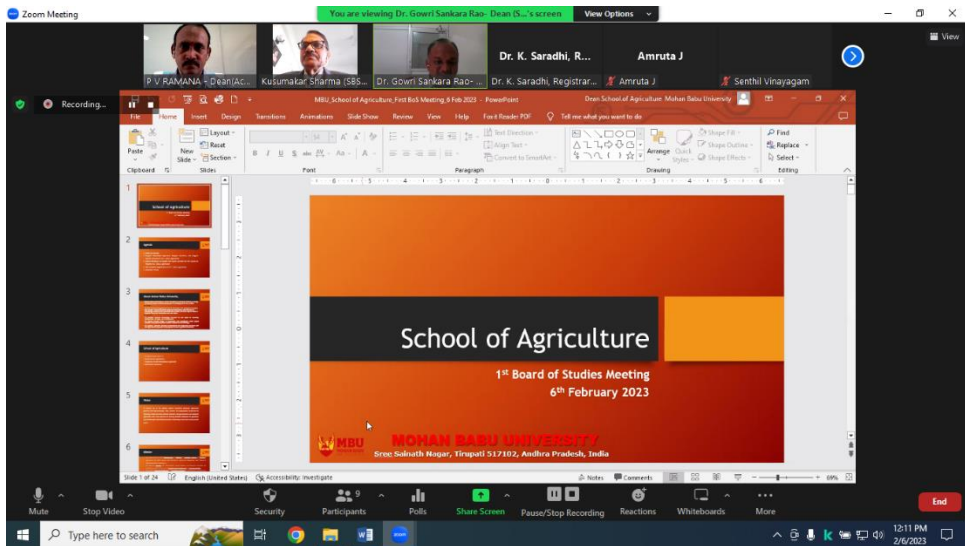


Prof. R. Nagaraj Ramrao, Vice Chancellor, MBU welcoming the Honorable Members

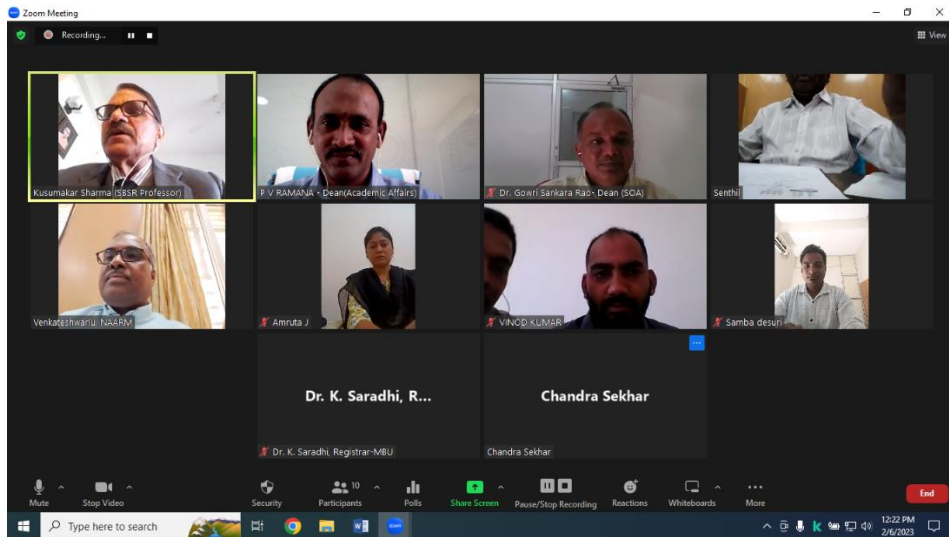


Dr. K. Saradhi, Registrar, MBU Addressing the Honorable members


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Dean – School of Agriculture presenting the Agenda items



Honorable Members presenting their suggestions for implementation of Best Practices


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1. Vision and Mission of the School

BOS Members approved the proposed Vision and Mission of the School (**ANNEXURE-I**).

2. Program Outcomes.

BOS Members approved the proposed Program Outcomes of B.Sc. (Hons.) Ag. program under MBU22 School of Agriculture Regulations (**ANNEXURE-II**).

3. Course Structure and Syllabi with course outcomes for the courses of I Semester B.Sc. (Hons.) Ag.

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of B.Sc. (Hons.) Ag. program in I-Semester (**ANNEXURE-III**).

4. Recommendation of Honourable Members.

- ❖ Dr. Kusumakar Sharma congratulated MBU for coming up with a separate school of agriculture for the benefit of students aspiring to study agriculture. He advised the university to stay focus on quality and standard of following important issues viz.,
 - Faculty
 - Students
 - Syllabus & Courses, Nomenclature of the Programs in tune with ICAR guidelines
 - Infrastructure (laboratories and farm land with best facilities)
- ❖ Dr. Senthil Vinayagam expressed his pleasure to join the BoS, and he opined that a physical BoS meeting will help the members to understand the status of the school and offer fitting suggestions for improvement. He suggested to orient and train the faculty with suitable FDPs, addition of industrial components as a part of curriculum and learning process. He also suggested to add more courses on animal sciences viz., animal product technology, fisheries, poultry, and also to encourage agripreneurs to have their projects and a part of their production units in the campus or part of incubator centre etc. He also suggested to develop tie-up with KVKs, NIAM projects etc. He suggested to incorporate a compulsory library going habit.
- ❖ Dr. Venkateswarulu appreciated the multidisciplinary and interdisciplinary perspectives and efforts of the university. He suggested to arrange a physical BoS meeting at least once in near future for better appraisal and suggestions. He explained how National/New Educational Policy (NEP) revolutionize the flexibility of education systems and employability of students in near future. He suggested us to develop our curriculum and activities abreast with the NEP. He informed us that ICAR guidelines is reconsidering the land requirement for an agricultural college from 50 acres to 25 acres with all facilities and involvement of revolving fund projects with sustainable funding as well as returns. He suggested to recruit and maintain quality faculty.
- ❖ Dr. Ramana, Dean, Academic affairs explained the objectives the university and thoughts of our beloved Chancellor and Pro chancellor in establishing institutions of highest order like discipline, infrastructure and values.
- ❖ The meeting ended with vote of thanks by Dr. Gowri Sankara Rao, Chairman, BoS



Dr. Gowri Sankara Rao
Chairman BOS
School of Agriculture


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**Members of Board of Studies
in
Electronics and Communication Engineering
(2022-23 to 2024-25)**

S. No.	Name of the Member	Designation
1.	Dr. V. Vijaya Kishore Professor & Head Department of Electronics and Communication Engineering	Chairman BoS
2.	Dr. Sivaprasad Kotamraju Associate Professor & Head, ECE IIIT Sricity, A.P.	External Member (Academics)
3.	Mr. V. Muniswara Reddy DFT CAD Engineer Google India Pvt. Ltd., Bengaluru.	External Member (Industry)
4.	Mr. V. R. Pradeep Bharadwaj Sr.Manager Synopsis India Inc., Bengaluru.	External Member (Alumni)
5.	Dr. N. Gireesh Professor & Dean-Freshman Department of ECE Department of Electronics and Communication Engineering	Internal Member (Academia)
6.	Dr. T. V. V. Satyanarayana Professor, Department of Electronics and Communication Engineering	Internal Member (Academia)
7.	Dr. D. Leelarani Professor, Department of Electronics and Communication Engineering	Internal Member (Academia)
8.	Dr. Y. Dileep Kumar Professor, Department of Electronics and Communication Engineering	Internal Member (Academia)
9.	Dr. A. Yasmine Begum Associate Professor, Department of Electronics and Communication Engineering	Internal Member (Academia)
10.	Ms. K. Neelima Assistant Professor, Department of Electronics and Communication Engineering	Internal Member (Academia)
11.	Mr. M. Balaji Assistant Professor, Department of Electronics and Communication Engineering	Internal Member (Academia)
12.	Ms. N. Harathi Assistant Professor, Department of Electronics and Communication Engineering	Internal Member (Academia)


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Agenda for 2nd Meeting of Board of Studies
Electronics and Communication Engineering
for UG on 24.06.2023 at 11:00 AM

1. Action Taken Report on previous meeting.
2. Revised Course Structure of B.Tech. Electronics and Communication Engineering and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
3. Credit distribution and Course structure for lateral entry B.Tech-ECE (Three Years)
4. Revised Course Structure of B.Tech. Electronics and Communication Engineering with Specialization in Embedded Systems and IOT and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
5. Revised Course Structure of B.Tech. Electronics and Instrumentation Engineering and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
6. Credit distribution and Course structure for lateral entry B.Tech-EIE (Three Years)
7. Revised Course Structure of B.Tech. Electronics and Instrumentation Engineering with specialization in Biomedical Engineering and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
8. Approval of courses offered to other departments.
9. Identification of MOOCs Equivalent to the Courses offered under UG Curriculum (MBU22 Regulations).
10. Any other Item

Dr. V. Vijaya Kishore
CHAIRMAN, BOS

Electronics and Communication Engineering

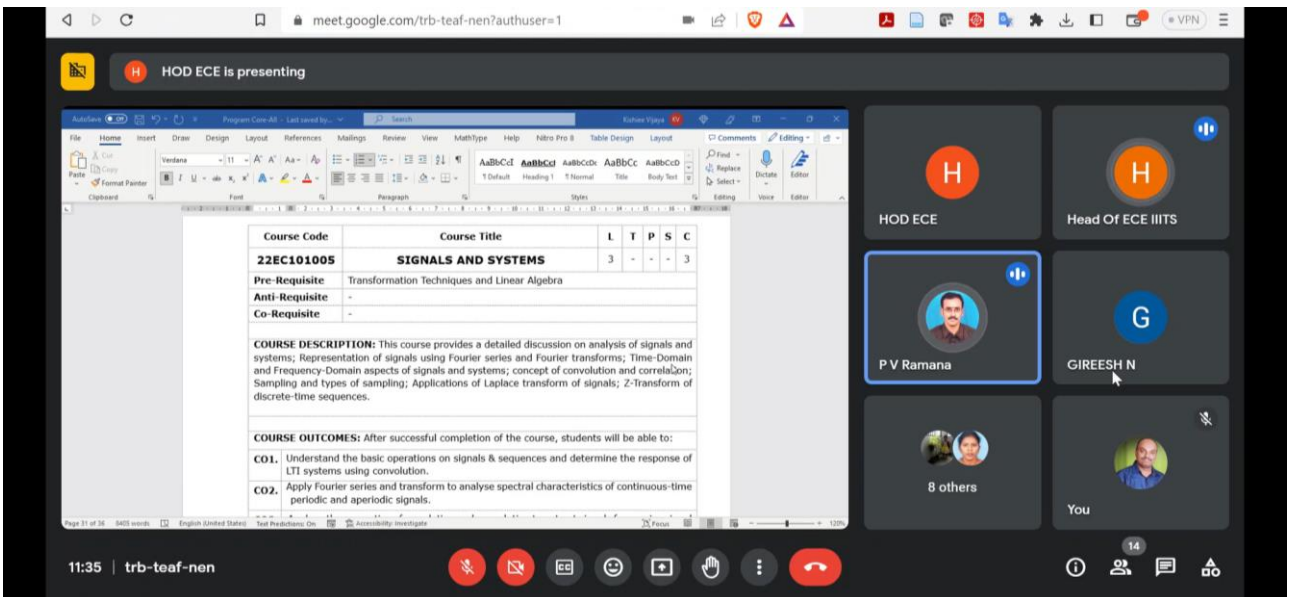
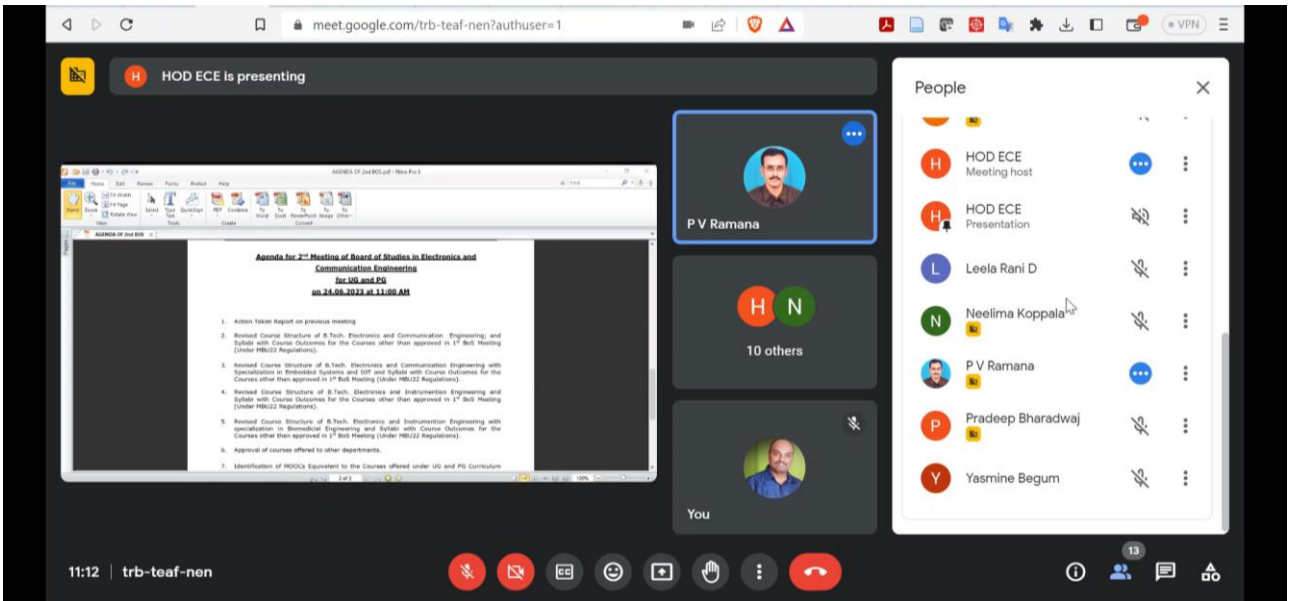
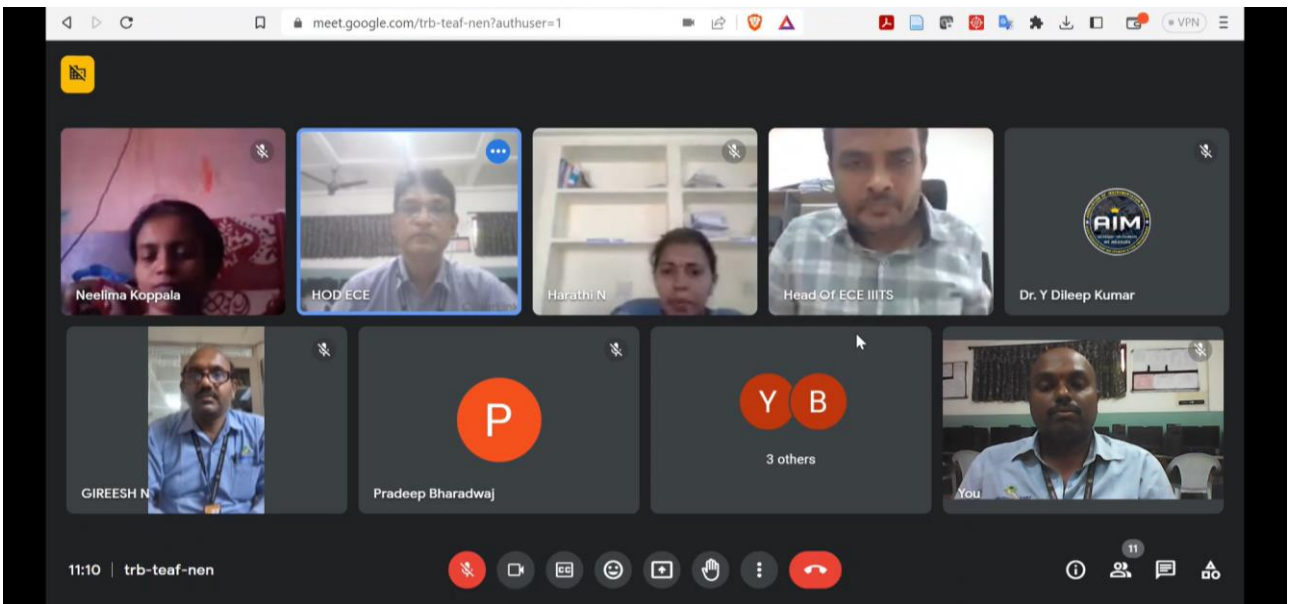
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MINUTES OF MEETING
Agenda for 2nd Meeting of Board of Studies
Electronics and Communication Engineering
for UG on 24.06.2023 at 11:00 AM

Members Present:

S. No.	Name of the Member	Designation	Signature
1.	Dr. V. Vijaya Kishore Professor & Head Department of Electronics and Communication Engineering	Chairman BoS	
2.	Dr. Sivaprasad Kotamraju Associate Professor & Head, ECE IIIT Sricity, A.P.	External Member (Academics)	
3.	Mr. V. Muniswara Reddy DFT CAD Engineer Google India Pvt. Ltd., Bengaluru.	External Member (Industry)	
4.	Mr. V. R. Pradeep Bharadwaj SoC Design Engineer (DFT) Intel Tech India Pvt. Ltd., Bengaluru.	External Member (Alumni)	
5.	Dr. N. Gireesh Professor Department of ECE Department of Electronics and Communication Engineering	Internal Member (Academia)	
6.	Dr. T. V. V. Satyanarayana Professor, Department of Electronics and Communication Engineering	Internal Member (Academia)	
7.	Dr. D. Leelarani Professor, Department of Electronics and Communication Engineering	Internal Member (Academia)	
8.	Dr. Y. Dileep Kumar Professor, Department of Electronics and Communication Engineering	Internal Member (Academia)	
9.	Dr. A. Yasmine Begum Associate Professor, Department of Electronics and Communication Engineering	Internal Member (Academia)	
10.	Ms. K. Neelima Assistant Professor, Department of Electronics and Communication Engineering	Internal Member (Academia)	
11.	Mr. M. Balaji Assistant Professor, Department of Electronics and Communication Engineering	Internal Member (Academia)	
12.	Ms. N. Harathi Assistant Professor, Department of Electronics and Communication Engineering	Internal Member (Academia)	



K. Ganesh
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HOD ECE is presenting

Program Elective

Course Code	Course Title	L	T	P	S	C
22EC102024	MICROWAVE ENGINEERING	3	-	2	-	4

Pre-Requisite: Electromagnetic Waves and Transmission Lines.

Anti-Requisite: -

Co-Requisite: -

COURSE DESCRIPTION: This course details about Microwave sources, components and various methods of microwave measurements. This course also deals with various modes of Wave Propagation at RF frequencies.

COURSE OUTCOMES: On successful completion of this course, the students will be able to:

CO1. Analyze the Performance of Microwave Sources and amplifiers.

CO2. Analyze the functions and its non-linearities of microwave components.

Participants: Balaji M, HOD ECE, P V Ramana, Head Of ECE IIITS, 8 others, You.

11:44 | trb-teaf-nen

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HOD ECE is presenting

Program Elective

Course Code	Course Title	L	T	P	S	C
22EC102105	BIOMEDICAL INSTRUMENTATION	3	-	2	-	4

Pre-Requisite: -

Anti-Requisite: -

Co-Requisite: -

COURSE DESCRIPTION: This course deals with the concepts of Physiology of Cardiovascular, Nervous and Respiratory System; Generation and propagation of bioelectrical signals; Therapeutic and Imaging equipment.

COURSE OUTCOMES: After successful completion of the course, students will be able to:

CO1 Demonstrate knowledge on Bioelectric Potentials and various electrodes for measuring Potentials.

CO2 Analyze ECG signals and measure various cardiovascular parameters.

CO3 Analyze EEG and EMG signals and measure various parameters in neuro muscular and respiratory systems.

Participants: Pradeep Bharadwaj, HOD ECE, P V Ramana, Neelima Koppala, 8 others, You.

11:47 | trb-teaf-nen

1. Action Taken Report on previous meeting.

1. I B.Tech - I and II semesters are successfully implemented under MBU.
2. M.Tech I and II semesters are successfully implemented under MBU.
3. Mentor Graphics TESSANT Tool, Cadence Tool for VLSI specialization are in process.
4. Course title - VLSI Verification and Testing is changed to Design for Testability.
5. Verilog HDL/VHDL Courses are added into the course structure.
6. The syllabus for courses is prepared as per the suggestions given by experts in 1st BOS meeting.

K. Srinivasulu
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Sree Sainath Nagar, Tirupati
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2. Revised Course Structure of B.Tech. Electronics and Communication Engineering and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).

BOS Members approved the proposed Revised Course Structure of B.Tech. Electronics and Communication Engineering and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting, under MBU22 Regulations (ANNEXURE-I). Members have appreciated the efforts of Internal Members of BOS and the chairman BoS in guiding them on framing syllabi in a best possible way. Members were appraised of the Syllabi of other courses of B.Tech. Electronics and Communication Engineering. In addition, the following suggestions are given for further improvement.

1. Suggested to include Introduction to G2 platform in Module 5 for the Course FPGA Architectures and Protocols .
2. Suggested to include concepts related to both clock and power gating in Module 3 as per IEEE 1801 Standard for UVM for the subject Low Power CMOS VLSI Design.
3. Suggested to add Timing analysis concepts with approaches towards physical design and testing along with experiential learning for VLSI/DICD subjects.
4. Suggested to plan and conduct Faculty Development Programs on emerging Courses
5. Suggested to conduct more number of Expert/Guest lectures from industry, related to advanced VLSI topics.
6. Suggested to add python programming as pre-requisite for the course Machine Learning.
7. Suggested to add more practical courses that provides hands-on training experience.

3. Credit distribution and Course structure for lateral entry B.Tech-ECE (Three Years)

BOS Members approved the proposed credit distribution and course Structure of B.Tech. Electronics and Communication Engineering and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting, under MBU22 Regulations (ANNEXURE-I).

4. Revised Course Structure of B.Tech. Electronics and Communication Engineering with Specialization in Embedded Systems and IOT and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).

Chairman BOS has represented that the revised course structure of Electronics and Communication Engineering with Specialization in Embedded Systems and IOT and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations) will be presented in the next BoS Meeting.

5. Revised Course Structure of B.Tech. Electronics and Instrumentation Engineering and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).

BOS Members approved the proposed Revised Course Structure of B.Tech. Electronics and Instrumentation Engineering and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).

6. Credit distribution and Course structure for lateral entry B.Tech-EIE (Three Years)

BOS Members approved the proposed credit distribution and course Structure of B.Tech. Electronics and Instrumentation Engineering and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting, under MBU22 Regulations (ANNEXURE-II).


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7. Revised Course Structure of B.Tech. Electronics and Instrumentation Engineering with specialization in Biomedical Engineering and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).

Chairman BOS has represented that the Revised Course Structure of B.Tech. Electronics and Instrumentation Engineering with specialization in Biomedical Engineering and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations) will be presented in the next BoS Meeting.

8. Approval of courses offered to other departments.

BOS Members approved the courses offered to other departments (ANNEXURE-III).

9. Identification of MOOCs Equivalent to the Courses offered under UG Curriculum (MBU22 Regulations).

External BOS members suggested to curate the courses through MOOCs only if required.

10. Any other Item

Meeting concluded with thanks to the Members.



Dr. V. Vijaya Kishore
CHAIRMAN, BOS

Electronics and Communication Engineering



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Andhra Pradesh-517 102



Members of Board of Studies in Electrical and Electronics Engineering
(2022-23 to 2024-25)

S. No.	Name of the Member	Designation
1.	Dr M S Sujatha Professor and HoD Department of Electrical and Electronics Engineering	Chairman
2.	Dr. Siva Kumar K Professor, Department of Electrical Engineering, IIT Hyderabad	External Member (Academics)
3.	Mr. Mahesh Patil India Leader, Amphenol Interconnect India Private Ltd	External Member (Industry)
4.	Mr V Naveen Subramanyam Senior Software Engineer Math Works India Pvt Ltd Bangalore	External Member (Alumni)
5.	Dr T Nageswara Prasad Professor Department of Electrical and Electronics Engineering	Internal Member (Academia)
6.	Dr P Umapathi Reddy Professor Department of Electrical and Electronics Engineering	Internal Member (Academia)
7.	Dr S Farook Professor Department of Electrical and Electronics Engineering	Internal Member (Academia)
8.	Mr M Manohara Associate Professor Department of Electrical and Electronics Engineering	Internal Member (Academia)
9.	Dr E Parimalasundar Professor Department of Electrical and Electronics Engineering	Internal Member (Academia)
10.	Dr B. Hemanth Kumar Assistant Professor Department of Electrical and Electronics Engineering	Internal Member (Academia)





Agenda for 2nd Meeting of Board of Studies in
Electrical and Electronics Engineering for UG and PG
on 24.06.2023 at 11:00 AM

1. Revised Course Structure, Credit distribution for the program, course baskets, and detailed syllabus of the courses along with course outcomes and CO-PO-PSO mapping for the program B.Tech. **Electrical and Electronics Engineering.**
2. Revised Course Structure, Credit distribution for the program, course baskets, and detailed syllabus of the courses along with course outcomes and CO-PO-PSO mapping for the program B. Tech. Electrical and Electronics Engineering with specialization in **Power Systems and High Voltage Engineering.**
3. Revised Course Structure, Credit distribution for the program, course baskets, and detailed syllabus of the courses along with course outcomes and CO-PO-PSO mapping for the program B.Tech. Electrical and Electronics Engineering with specialization in **Automotive Electronics Engineering.**
4. Credit distribution for the program, Course Structure, course baskets, and detailed syllabus of the subsequent courses along with course outcomes and CO-PO-PSO mapping for the program M.Tech., **Electrical Power Systems.**
5. Detailed syllabus of the courses along with course outcomes and CO-PO-PSO mapping for other schools/departments offered by EEE department under MBU
6. Identification of MOOCs Equivalent to the Courses offered under UG and PG Curriculum (MBU22 Regulations).
7. Credit distribution for the program, Course Structure, course baskets for lateral admitted students under MBU22 regulations.
8. Any other item.

Dr. M.S.SUJATHA
CHAIRMAN

BoS in Electrical and Electronics
Engineering

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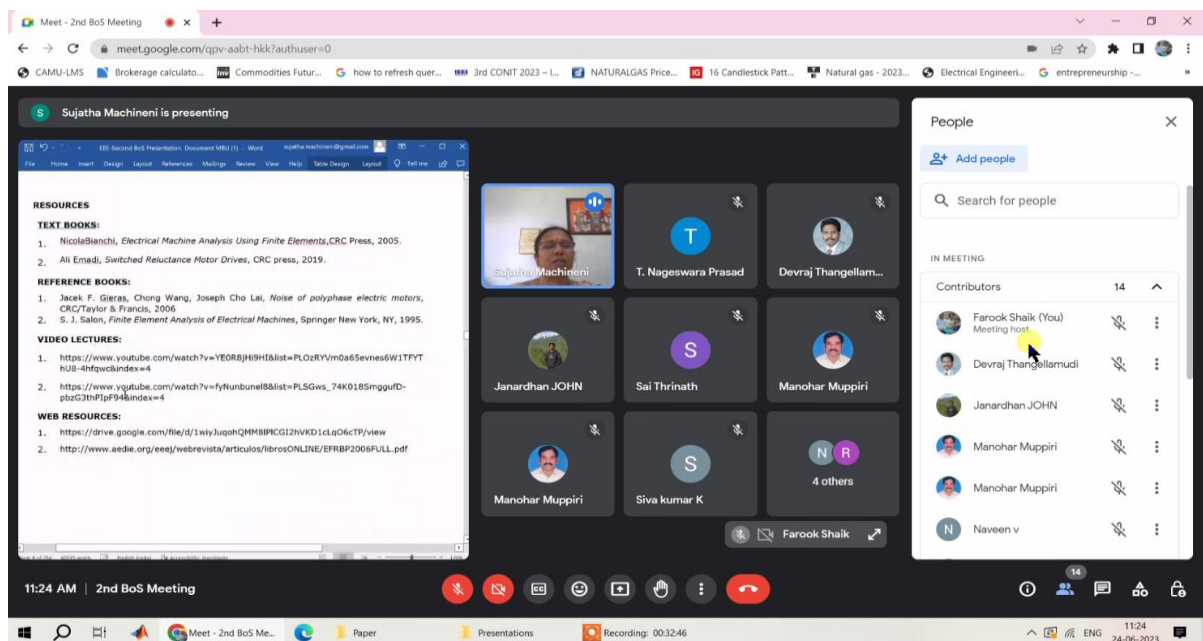
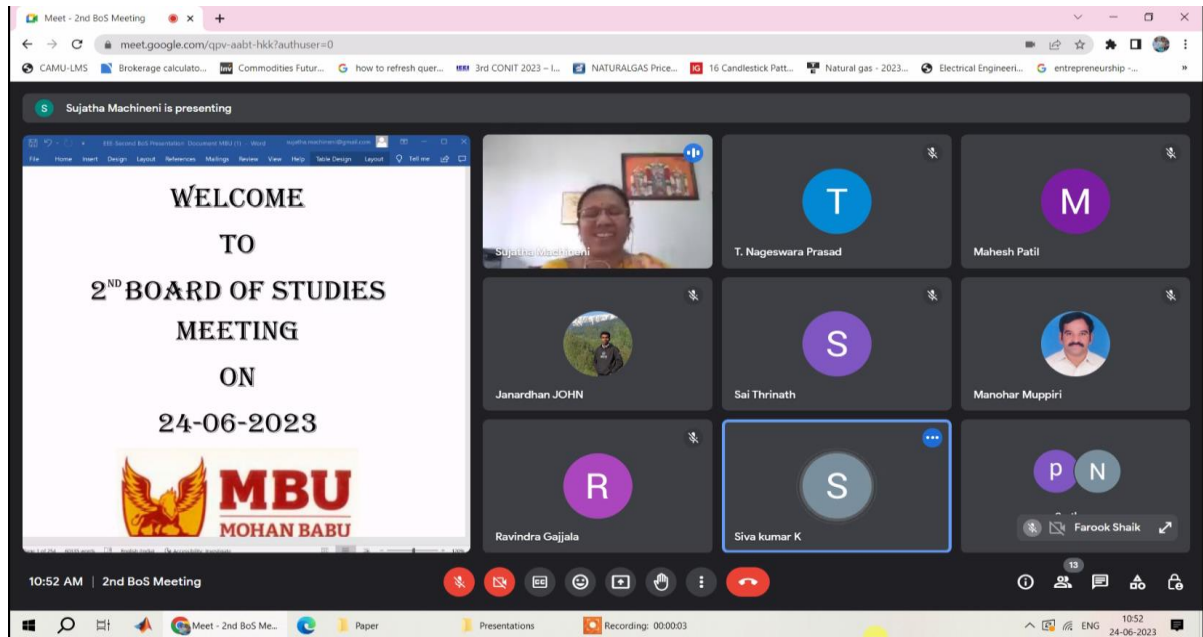


MINUTES OF MEETING

**Agenda for 2nd Meeting of Board of Studies in Electrical and Electronics
Engineering for UG and PG
on 24.06.2023 at 11:00 AM**

Members Present:

S. No.	Name of the Member	Designation	Signature
1.	Dr M S Sujatha Professor and HoD Department of Electrical and Electronics Engineering	Professor and HoD	
2.	Dr. Siva Kumar K Professor, Department of Electrical Engineering, IIT Hyderabad	Professor	
3.	Mr. Mahesh Patil India Leader, Amphenol Interconnect India Private Ltd	India Leader	
4.	Mr V Naveen Subramanyam Senior Software Engineer Math Works India Pvt Ltd Bangalore	Senior Software Engineer	
5.	Dr T Nageswara Prasad Professor Department of Electrical and Electronics Engineering	Professor	
6.	Dr P Umapathi Reddy Professor Department of Electrical and Electronics Engineering	Professor	
7.	Dr S Farook Professor Department of Electrical and Electronics Engineering	Professor	
8.	Mr M Manohara Associate Professor Department of Electrical and Electronics Engineering	Associate Professor	
9.	Dr E Parimalasundar Professor Department of Electrical and Electronics Engineering	Professor	
10.	Dr B. Hemanth Kumar Assistant Professor Department of Electrical and Electronics Engineering	Assistant Professor	



1. Revised Course Structure of B.Tech. Electrical and Electronics Engineering; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations):

BOS Members approved the proposed Revised Course Structure of B.Tech. Electrical and Electronics Engineering and Syllabi with Course Outcomes for the Electrical and Electronics Engineering Core Courses other than approved in 1st BoS Meeting, under MBU22 Regulations (**ANNEXURE-I**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of other courses of B.Tech. Electrical and Electronics Engineering. In addition, the following suggestions are made for further improvement.

1. Suggested to verify redundancy in the power electronic courses.
2. Suggested to add latest version of test books and refence books.


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2. Revised Course Structure of B.Tech. Electrical and Electronics Engineering with specialization in Power Systems and High Voltage Engineering and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations):

BOS Members approved the proposed Revised Course Structure of B.Tech. Electrical and Electronics Engineering with specialization in Power Systems and High Voltage Engineering and Syllabi with Course Outcomes for the Core Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations) **(ANNEXURE-I)**. Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

3. Revised Course Structure of B.Tech. Electrical and Electronics Engineering with specialization in Automotive Electronics Engineering and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations):

BOS Members approved the proposed Revised Course Structure of B.Tech. Electrical and Electronics Engineering with specialization in Automotive Electronics Engineering and Syllabi with Course Outcomes for the Core Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations) **(ANNEXURE-I)**. Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

4. Detailed syllabus of the courses along with course outcomes and CO-PO-PSO mapping for other schools/departments offered by EEE department under MBU:

BOS Members approved the proposed Syllabi with Course Outcomes for the other schools/departments. (Under MBU22 Regulations) **(ANNEXURE-II)**.

5. Credit distribution for the program, and Syllabi with Course Outcomes for the Courses of M.Tech. Electrical Power Systems (Under MBU22 Regulations):

BOS Members approved the proposed Credit distribution and Syllabi with Course Outcomes for the Core Courses of M.Tech. **Electrical Power Systems** (Under MBU22 Regulations) **(ANNEXURE-III)**. Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing Course Structure in a best possible way.

6. Identification of MOOCs Equivalent to the Courses offered under UG and PG Curriculum (MBU22 Regulations):

Resolved to authorize the Chairman, BoS in Electrical and Electronics Engineering to identify and finalize the MOOCs equivalent to the courses offered under UG and PG curriculum, under MBU22 Regulations and forward the same to the respective School Dean/ Dean (Academic Affairs) for further action.

Meeting concluded with thanks to the Members.

7. Cours Structure and Credit distribution for Lateral admitted sutednts (MBU22 Regulations):

BOS Members approved the proposed course structure and Credit distribution for the lateral admitted students **(ANNEXURE-IV)**.



Dr. M.S.SUJATHA
CHAIRMAN

BoS in Electrical and Electronics
Engineering



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MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



Members of Board of Studies in Civil Engineering
(2022-23 to 2024-25)

S. No.	Name of the Member	Designation
1.	Dr. O. Eswara Reddy Professor Department of Civil Engineering	Chairman
2.	Dr. G. Madhavi Latha Professor Department of Civil Engineering, Indian Institute of Science, Bengaluru, Karnataka, INDIA.	External Member (Academics)
3.	Ms. Harshita Jain Director, Consulting Engineers Group Ltd., Jaipur, Rajasthan, INDIA.	External Member (Industry)
4.	Mr. K. Deeraj Kumar Reddy Sr. Manager – Pavement Techfab (India) Industries Ltd., Hyderabad, Telangana, INDIA.	External Member (Alumni)
5.	Dr. Hemadri Prasad Raju Associate Professor Department of Civil Engineering	Internal Member (Academia)
6.	Dr. D. Srinivasa Murthy Assistant Professor Department of Civil Engineering	Internal Member (Academia)
7.	Mr. D. V. Purushotham Assistant Professor Department of Civil Engineering	Internal Member (Academia)
8.	Mr. Shaik Nurulla Assistant Professor Department of Civil Engineering	Internal Member (Academia)
9.	Mr. M. S. Yuvaraj Assistant Professor Department of Civil Engineering	Internal Member (Academia)



Agenda for 2nd Meeting of Board of Studies in Civil Engineering
for UG and PG
on 24.06.2023 at 11:00 AM

1. Action Taken Report on Minutes/ Resolutions of 1st BOS Meeting
2. Revised Course Structure of B.Tech. Civil Engineering; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
3. Revised Course Structure of B.Tech. Civil Engineering with specialization in Structural Engineering; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
4. Revised Course Structure of B.Tech. Civil Engineering with specialization in Geotechnical and Transportation Engineering; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
5. Revised Course Structure and Syllabi with Course Outcomes for the Courses of M.Tech. Construction Technology and Management (Under MBU22 Regulations).
6. Identification of MOOCs Equivalent to the Courses offered under UG and PG Curriculum (MBU22 Regulations).
7. Courses offered to Other Departments.
8. Any other Item

Dr. O. ESWARA REDDY
CHAIRMAN
BoS in Civil Engineering

REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



MINUTES OF MEETING

Agenda for 2nd Meeting of Board of Studies in Civil Engineering
for UG and PG
on 24.06.2023 at 11:00 AM

Members Present:

S. No.	Name of the Member	Designation	Signature
1.	Dr. O. Eswara Reddy Professor Department of Civil Engineering	Chairman	
2.	Dr. G. Madhavi Latha Professor Department of Civil Engineering, Indian Institute of Science, Bengaluru, Karnataka, INDIA.	External Member (Academics)	Absent
3.	Ms. Harshita Jain Director, Consulting Engineers Group Ltd., Jaipur, Rajasthan, INDIA.	External Member (Industry)	
4.	Mr. K. Deeraj Kumar Reddy Sr. Manager – Pavement Techfab (India) Industries Ltd., Hyderabad, Telangana, INDIA.	External Member (Alumni)	
5.	Dr. Hemadri Prasad Raju Associate Professor Department of Civil Engineering	Internal Member (Academia)	
6.	Dr. D. Srinivasa Murthy Assistant Professor Department of Civil Engineering	Internal Member (Academia)	
7.	Mr. D. V. Purushotham Assistant Professor Department of Civil Engineering	Internal Member (Academia)	
8.	Mr. Shaik Nurulla Assistant Professor Department of Civil Engineering	Internal Member (Academia)	
9.	Mr. M. S. Yuvaraj Assistant Professor Department of Civil Engineering	Internal Member (Academia)	

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Screen Shorts of the meeting

You are viewing Prof. Eswara Reddy O's screen

MOHAN BABU UNIVERSITY
SCHOOL OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING

Hearty Welcome to the Honorable Members of the Boards of Studies in Civil Engineering

2nd Meeting
24.06.2023 @ 2:30 p.m.

Participants: Prof. Eswara Reddy O, Shaik Nurulla, Deeraj Kumar Reddy, Srinivasa Murthy, Purushotham dv, Harshita Jain

Agenda for 2nd Meeting of Board of Studies in Civil Engineering for UG and PG on 24.06.2023 at 11:00 AM

1. Action Taken Report on Minutes/ Resolutions of 1st BOS Meeting
2. Revised Course Structure of B.Tech. Civil Engineering; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
3. Revised Course Structure of B.Tech. Civil Engineering with specialization in Structural Engineering and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
4. Revised Course Structure of B.Tech. Civil Engineering with specialization in Geotechnical and Transportation Engineering and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
5. Revised Course Structure and Syllabi with Course Outcomes for the Courses of M.Tech. Construction Technology and Management (Under MBU22 Regulations).
6. Identification of MOOCs Equivalent to the Courses offered under UG and PG Curriculum

Participants: Prof. Eswara Reddy O

K. Ganesh
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Andhra Pradesh-517 102

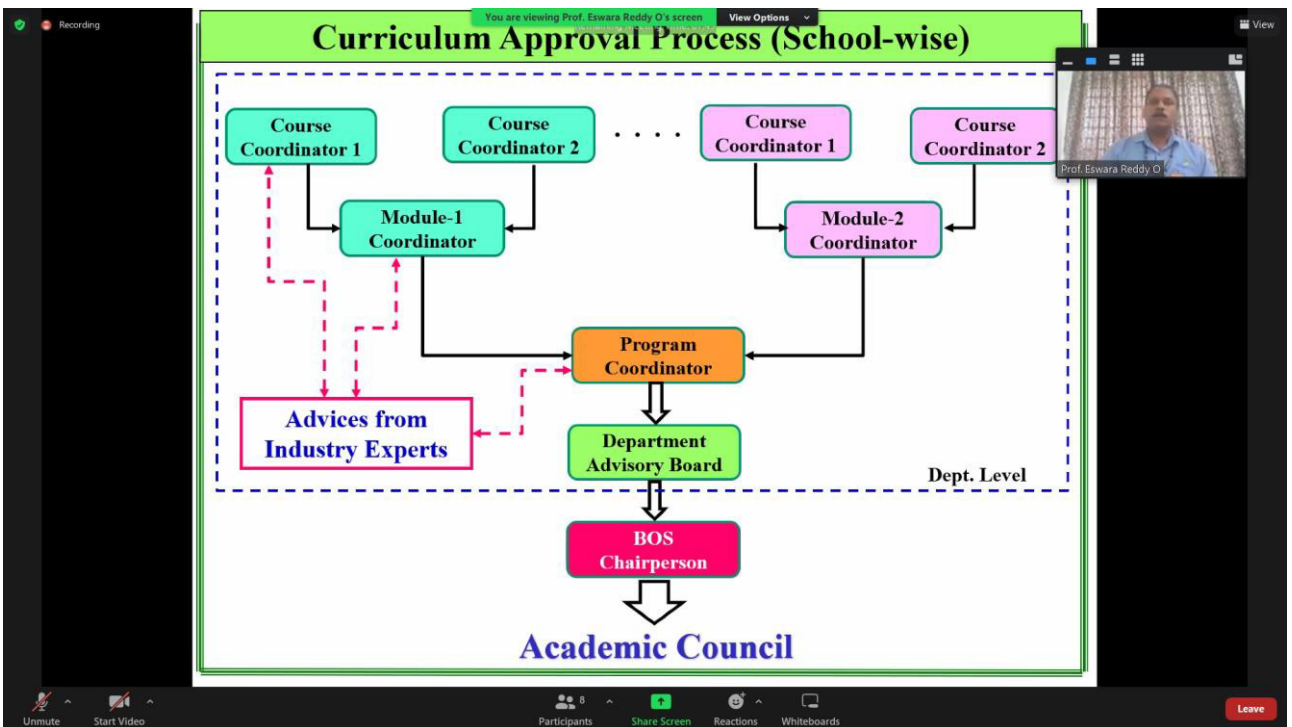
Annexure-V - Courses Offered to Other Depts. to be Approved (B.Tech.)

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Courses Offered to Other Depts. to be Approved (B.Tech.)

University Elective

Course Code	Title of the Course	Lecture	Tutorial	Practical	Project based Learning	Credits	Pre-requisite
		L	T	P	S	C	
22CE101701	Civil Engineering and The Society	3	-	-	-	3	-
22CE101702	Environmental Pollution and Control	3	-	-	-	3	-
22CE101703	Planning for Sustainable Development	3	-	-	-	3	-
22CE101704	Remote Sensing, GIS and GPS	3	-	-	-	3	-
22CE101705	Smart Cities	3	-	-	-	3	-



W. Srinivas
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Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

1. Action Taken Report on "Minutes of BOS Meeting held on 10-06-2019":

Chairman Dr. O. Eswara Reddy apprised the members the Minutes/Resolutions of BOS Meeting held on 15-07-2022.

Minutes of BOS Meeting held on 15-07-2022	Action Taken
Vision and Mission of the Department	Followed from the academic year 2022-23.
PEOs, POs, PSOs, and Course Structure of B.Tech. Civil Engineering and Syllabi with Course Outcomes for the Courses of I B.Tech. Civil Engineering (Under MBU22 Regulations)	Implemented for B.Tech. Civil Engineering I & II Semesters from the academic year 2022-23. (ANNEXURE-I)
PEOs, POs, PSOs, and Course Structure of B.Tech. Civil Engineering with specialization in Structural Engineering and Syllabi with Course Outcomes for the Courses of I B.Tech. Civil Engineering with specialization in Structural Engineering (Under MBU22 Regulations)	Yet to be implemented for I B.Tech. Civil Engineering with specialization in Structural Engineering
PEOs, POs, PSOs, and Course Structure of B.Tech. Civil Engineering with specialization in Geotechnical and Transportation Engineering and Syllabi with Course Outcomes for the Courses of I B.Tech. Civil Engineering with specialization in Geotechnical and Transportation Engineering (Under MBU22 Regulations)	Yet to be implemented for I B.Tech. Civil Engineering with specialization in Geotechnical and Transportation Engineering
PEOs, POs, PSOs, Course Structure and Syllabi with Course Outcomes for the Courses of M.Tech. Construction Technology and Management (Under MBU22 Regulations):	Yet to be implemented for I M.Tech. Construction Technology and Management

The above Action Taken Report is noted for record.

2. Revised Course Structure of B.Tech. Civil Engineering; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations):

BOS Members approved the proposed Revised Course Structure of B.Tech. Civil Engineering **(ANNEXURE-II)** and Syllabi with Course Outcomes for the civil engineering Core Courses other than approved in 1st BoS Meeting, under MBU22 Regulations for both Regular and Lateral Entry Programs **(ANNEXURE-V)**. Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing course structure and syllabi in a best possible way. Members were apprised of the Syllabi of other courses of B.Tech. Civil Engineering. In addition, the following suggestions are made for further improvement.

Suggestions for UG Programs:

1. Suggested to maintain uniformity in the number of courses offered domain wise under the specialization elective
2. Suggested to minimise the advanced courses
3. Suggested to include new course on "Civil Engineering Practice"
4. Suggested to give more emphasis on Indian Standard (IS) Codes by including in course syllabi wherever it is possible
5. Suggested to include case studies with visual explanation in the syllabi to gain practical knowledge
6. Suggested to include seminar as experiential learning activity
7. Suggested to enhance project work credits
8. Suggested to address Civil Engineering Challenges (viz. Land slides, Earth quakes, Smart cities etc.) to students and expose them to find solutions

9. Suggested to address societal issues in syllabi to the students in order to find solutions
10. Suggested to include the topic on "challenges in building smart cities" in the course on "Civil Engineering and The Society"
11. Suggested to include lab component to the course on "Engineering Mechanics" in the next revision
12. Suggested to include the topic on "scheduling" in the course on "Construction, Planning and Project Management"
13. Suggested to include the topics on "types of tunnels, TBM and construction techniques of tunnel" in the course on "Rock Mechanics and Tunneling".
14. Suggested to include the topic on "Falling Weight Deflectometer (FWD) Testing" in Pavement Analysis and Design.
15. Suggested to include the topics on "geosynthetic usage for mitigation, geotubes, flood management, shore protection" in the course on "Geosynthetics and Reinforced Soil Structures".
16. Suggested to include the topic on "usage of types of mobility like metro, monorail etc. in Pavement materials.
17. Suggested to include the topic on "prefabrication in infrastructure projects like bridges and tunnels etc." in the course on "Prefabricated Structures"
18. Suggested to rename the course title "Computational Methods in Hydraulics and Hydrology" as "Computational and Statistical Methods in Hydraulics and Hydrology".

General Suggestions:

19. Suggested to plan and conduct Faculty Development Programs on emerging courses
20. Suggested to conduct more number of Expert Lectures from industry

3. Revised Course Structure of B.Tech. Civil Engineering with specialization in Structural Engineering and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations):

BOS Members approved the proposed Revised Course Structure of B.Tech. Civil Engineering with specialization in Structural Engineering (**ANNEXURE-III**) and Syllabi with Course Outcomes for the Core Courses other than approved in 1st BoS Meeting, under MBU22 Regulations, for both Regular and Lateral Entry Programs (**ANNEXURE-V**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing course structure and syllabi in a best possible way.

4. Revised Course Structure of B.Tech. Civil Engineering with specialization in Geotechnical and Transportation Engineering and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations):

BOS Members approved the proposed Revised Course Structure of B.Tech. Civil Engineering with specialization in Geotechnical and Transportation Engineering (**ANNEXURE-IV**) and Syllabi with Course Outcomes for the Core Courses other than approved in 1st BoS Meeting, under MBU22 Regulations, for both Regular and Lateral Entry Programs (**ANNEXURE-V**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing the course structure and syllabi in a best possible way.

5. Revised Course Structure and Syllabi with Course Outcomes for the Courses of M.Tech. Construction Technology and Management (Under MBU22 Regulations):

BOS Members approved the proposed Revised Course Structure and Syllabi with Course Outcomes for the Core Courses of M.Tech. Construction Technology and Management (Under MBU22 Regulations) (**ANNEXURE-VI**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing course structure and syllabi in a best possible way. In addition, the following suggestions are made for further improvement.

Suggestions for PG Program:


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1. Suggested include the topic on "PPP contracts in National Highways as case study" in the course on "Infrastructure development management"
2. Suggested to include the topic on "case studies on BIM" in the course on "Building Information Modelling (BIM)"
3. Suggested to add a topic on "energy audit for commercial buildings" in the course on "Energy Efficiency and Conservation in Buildings"
4. Suggested to add a topic on "scaffolding for underground structures like tunnels" in the course on "Formwork, Shoring and Scaffolding"
5. Suggested to add a topic on "GIS applications in execution of construction projects" in the course on "GIS in Construction Engineering"
6. Suggested to add an exercise on "Motion Detector with NodeMCU" in the course on "AI and IoT Construction".
7. Suggested to add a topic on "humidity and temperature monitoring using arduino" in the course on "AI and IoT Construction"
8. Suggested to include a topic on "case studies on data science applications in civil engineering" in the course on "Data Science for Civil Engineers"

6. Courses offered to Other Departments (Under MBU22 Regulations): BOS Members approved the proposed Syllabi with Course Outcomes for the Courses offered to Other Departments at UG Level (Under MBU22 Regulations) (**ANNEXURE-VII**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing Course Syllabi in a best possible way.

7. Identification of MOOCs Equivalent to the Courses offered under UG and PG Curriculum (MBU22 Regulations):
Resolved to authorize the Chairman, BoS in Civil Engineering to identify and finalize the MOOCs equivalent to the courses offered under UG and PG curriculum, under MBU22 Regulations and forward the same to the respective School Dean/ Dean (Academic Affairs) for further action.

Meeting concluded with thanks to the Members.

Dr. O. ESWARA REDDY
Chairman
Board of Studies in Civil Engineering


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Sree Sainath Nagar, Tirupati
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School of Engineering

Department of Mechanical Engineering

**Agenda for 2nd Meeting of Board of Studies in Mechanical Engineering
for UG on 24.06.2023 at 10:00 AM**
(online Mode through Google Meet)

Video call link: <https://meet.google.com/mks-mejv-zwt>

1. Action taken report on 1st meeting of Board of studies conducted on 15.07.2022.
(Annexure - I).
2. Presentation of Course structure & Syllabi with Course Outcomes for B.Tech. Mechanical Engineering (excluding the courses approved in the First BoS Meeting (MBU22 Regulations). **(Annexure - II).**
3. Presentation of Course structure & Syllabi with Course Outcomes for B.Tech. Mechanical Engineering with specialization in Smart Manufacturing (MBU22 Regulations). **(Annexure - III).**
4. Presentation of Course structure & Syllabi with Course Outcomes for B.Tech. Mechanical Engineering with specialization in Robotics and Automation (MBU22 Regulations). **(Annexure - IV).**
5. Identification of MOOCs Equivalent to the Courses offered under UG Curriculum (MBU22 Regulations). **(Annexure - V).**
6. Approval of Courses offered to other Departments **(Annexure - VI).**
7. Any other Item.

Dr. R. Satya Meher
Chairman
BOS in Mechanical Engineering

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School of Engineering



Department of Mechanical Engineering

MINUTES OF MEETING

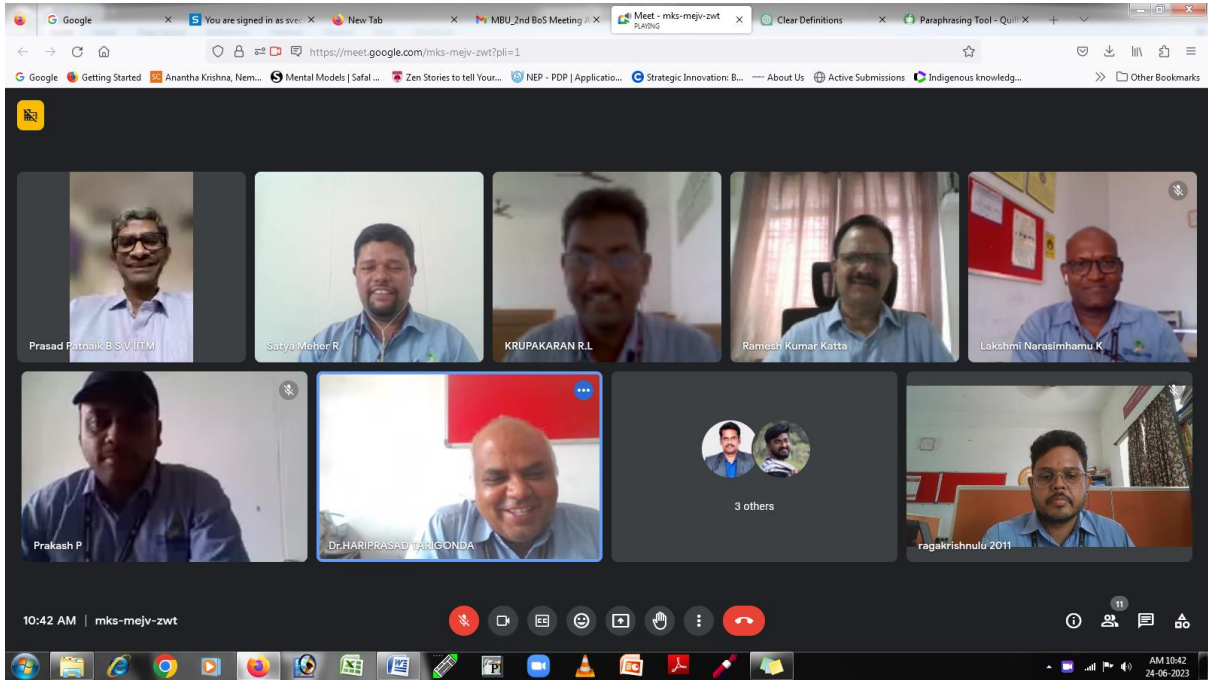
2nd Meeting of Board of Studies in Mechanical Engineering
for UG on 24.06.2023 at 10:00 AM

Members Present:

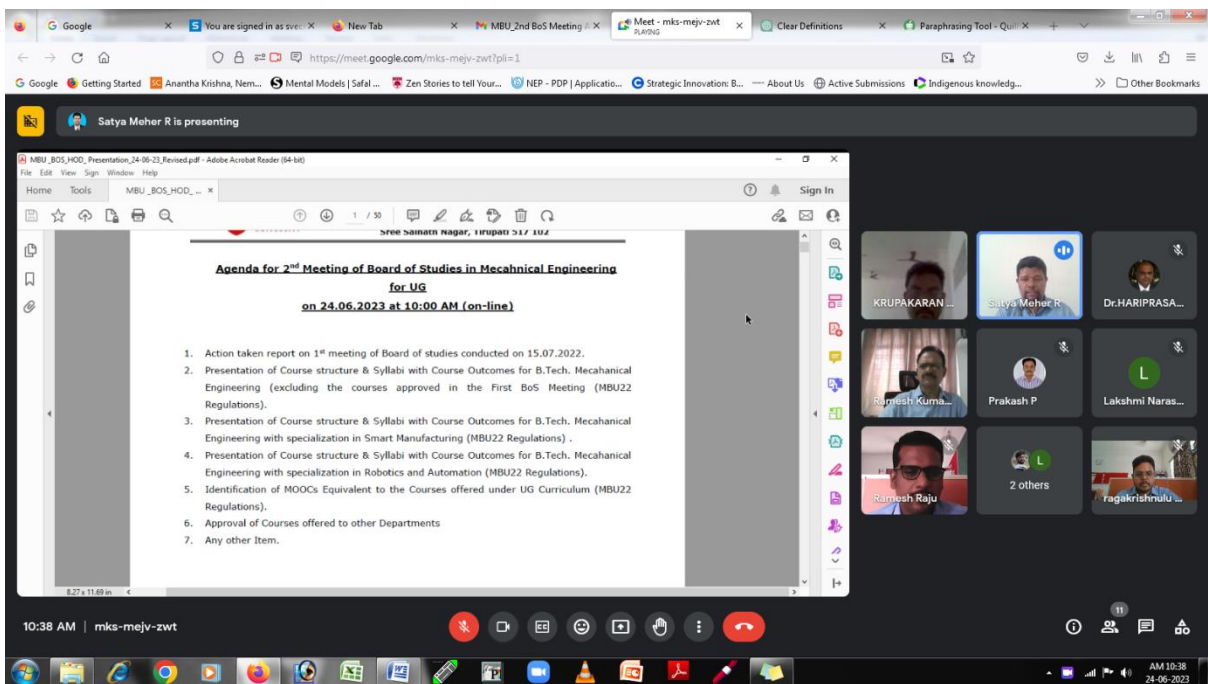
S. No.	Name of the Member	Designation	Signature
1.	Dr. R. Satya Meher, Professor & Head Department of Mechanical Engineering	Chairman	
2.	Dr. B. S. V. Prasad Patnaik Professor Fluid Mechanics Laboratory, Department of Applied Mechanics, Indian Institute of Technology Madras, Chennai - 600036	External Member (Academics)	
3.	Dr. K. Ramesh Kumar Scientist 'G' & Director Executive Director (Production), Brahmos Aerospace, Defence R&D Laboratory (DRDL) Kanchanbagh, Hyderabad-500058.	External Member (Industry)	
4.	Mr. K. Venugopal Senior Engineer - CFD Trane Technologies, 8th Floor, Tower D, IBC Knowledge Park, 4/1, Bannerghatta Road Bangalore - 560 029	External Member (Alumni)	
5.	Dr. R.L Krupakaran Professor, Mechanical Engineering	Internal Member (Academia)	
6.	Dr. T. Hariprasad, Professor, Mechanical Engineering	Internal Member (Academia)	
7.	Dr. K. Lakshmi Narasimhamu, Professor, Mechanical Engineering	Internal Member (Academia)	
8.	Dr. P. Prakash, Associate Professor, Mechanical Engineering	Internal Member (Academia)	
9.	Dr. R. Ramesh, Associate Professor, Mechanical Engineering	Internal Member (Academia)	

S. No.	Name of the Member	Designation	Signature
10.	Dr. T. M. Gurubasavaraju, Assistant Professor, Mechanical Engineering	Internal Member (Academia)	
11.	Mr. S. Lakshmi Narayana, Assistant Professor, Mechanical Engineering	Internal Member (Academia)	

Screenshots of the Online Meeting:



Members present for the 2nd BOS meeting on 24.06.2023



Dr. R. Satya Meher, Chairman, of the Board of Studies presenting the course structures to the members


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1. Action taken report on 1st meeting of Board of studies conducted on 15.07.2022.

The Chairman, of the Board of Studies, Dr. R. Satya Meher apprised the members that the 1st meeting of the BOS was held on 15-07-2022 and presented the action taken in accordance with the resolutions/ suggestions made.

Members resolved that the above Action Taken Report be recorded.

2. Presentation of Course structures for B.Tech. Mechanical Engineering (excluding the courses approved in the First BoS Meeting (MBU22 Regulations), B.Tech. Mechanical Engineering with specialization in Smart Manufacturing (MBU22 Regulations), and B.Tech. Mechanical Engineering with specialization in Robotics and Automation (MBU22 Regulations).

BOS Members approved the proposed Course Structures for B.Tech. Mechanical Engineering (excluding the courses approved in the First BoS Meeting (MBU22 Regulations), B.Tech. Mechanical Engineering with specialization in Smart Manufacturing (MBU22 Regulations), and B.Tech. Mechanical Engineering with specialization in Robotics and Automation (MBU22 Regulations).

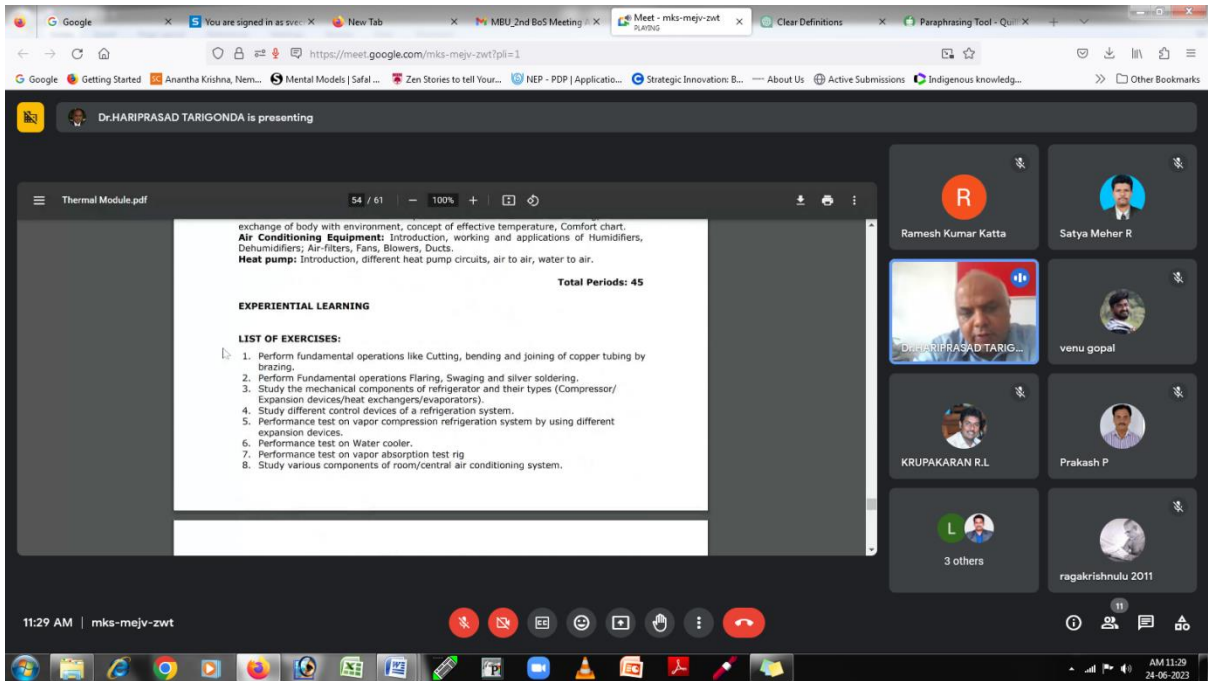
The members expressed warm appreciation for the outstanding efforts the Chairman and the internal members of the Department's Board of Studies (BOS) put forth in developing the course structures.

3. Module-wise Presentation of syllabi with course outcomes for B.Tech. Mechanical Engineering (excluding the courses approved in the First BoS Meeting (MBU22 Regulations), B.Tech. Mechanical Engineering with specialization in Smart Manufacturing (MBU22 Regulations), and B.Tech. Mechanical Engineering with specialization in Robotics and Automation (MBU22 Regulations).

3.1. Thermal Engineering Module:

Dr. T. Hari Prasad, the module coordinator for Thermal Engineering, presented the course syllabi and outcomes for the area. BOS Members approved the proposed, Syllabi with Course Outcomes for B.Tech. Mechanical Engineering, B.Tech. Mechanical Engineering with specialization in Smart Manufacturing, and B.Tech. Mechanical Engineering with specialization in Robotics and Automation (MBU22 Regulations) courses that fall under Thermal Engineering.

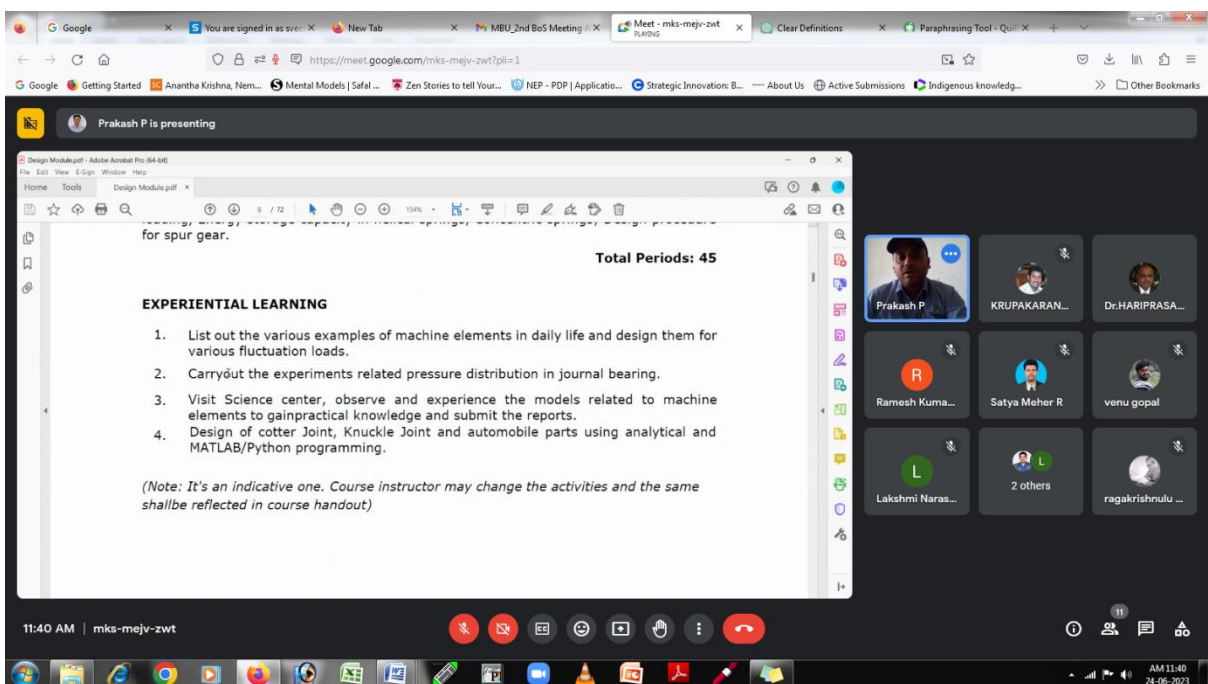

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Dr. T. Hari Prasad, the module coordinator for Thermal Engineering, presenting the course syllabi and outcomes for the area.

3.2. Design Module:

Dr. P. Prakash, the module coordinator for Design Engineering, presented the course syllabi and outcomes for the area. BOS Members approved the proposed, Syllabi with Course Outcomes for B.Tech. Mechanical Engineering, B.Tech. Mechanical Engineering with specialization in Smart Manufacturing, and B.Tech. Mechanical Engineering with specialization in Robotics and Automation (MBU22 Regulations) courses that fall under the domain of Design Engineering.



Dr. P. Prakash, the module coordinator for Design Engineering, presenting the syllabi


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3.3. Industrial Engineering Module:

Dr. K. Lakshmi Narasimhamu, the Industrial Engineering module coordinator, presented the discipline's course syllabi and outcomes. Members of the BOS approved the proposed Syllabi with Course Outcomes for B.Tech. Mechanical Engineering, B.Tech. Mechanical Engineering with specialization in Smart Manufacturing, and B.Tech. Mechanical Engineering with specialization in Robotics and Automation (MBU22 Regulations) courses that fall within the domain of Industrial Engineering. Further, the following suggestions were made:

- Prioritizing Modelling first, the syllabus for Simulation and Modeling Analysis, may be reframed. Also, system-based model development may be considered for inclusion.

The screenshot shows a Google Meet session with a presentation slide titled "IE Module 24.06.2023.pdf - Adobe Reader". The slide content is as follows:

- Module 2: GENERAL PRINCIPLES AND RANDOM NUMBERS (09 Periods)**
General Principles: Concepts in discrete - event simulation, event scheduling/ Time advance algorithm, simulation using event scheduling.
Random Numbers: Properties, Generations methods, Tests for Random number- Frequency test, Runs test, Autocorrelation test.
- Module 3: RANDOM VARIATE GENERATION AND OPTIMIZATION VIA SIMULATION (09 Periods)**
Random Variate Generation: Inverse Transform Technique- Exponential, Uniform, Weibull, Triangular distributions, Direct transformation for Normal and log normal Distributions, convolution methods- Erlang distribution, Acceptance Rejection Technique
Optimisation Via Simulation: Meaning, difficulty, Robust Heuristics, Random Search.
- Module 4: ANALYSIS OF SIMULATION DATA, VARIIFICATION AND VALIDATION OF MODEL (09 Periods)**
Analysis of Simulation Data
Input Modelling: Data collection, Identification and distribution with data, parameter estimation, Goodness of fit tests, Selection of input models without data, Multivariate and time series analysis.
Verification and Validation of Model - Model Building, Verification, Calibration and Validation of Models.
- Module 5: OUTPUT ANALYSIS AND SIMULATION SOFTWARE (09 Periods)**
Output Analysis: Types of Simulations with Respect to Output Analysis, Stochastic Nature of output data, Measures of Performance and their estimation, Output analysis of terminating simulation, Output analysis of steady state simulations.

The meeting interface shows participants: Venush Kumar Katta, venu gopal, Lakshmi Narasimhamu K, Dr.HARIPRASAD TARIGON..., Lakshmi Narayana S, Satya Mohar R, KRUPAKARAN R.L, 2 others, and ragakrishnulu 2011. The time is 12:24 PM on 24-06-2023.

Dr. K. Lakshmi Narasimhamu, Module coordinator, Industrial Engineering presenting the syllabi with course outcomes

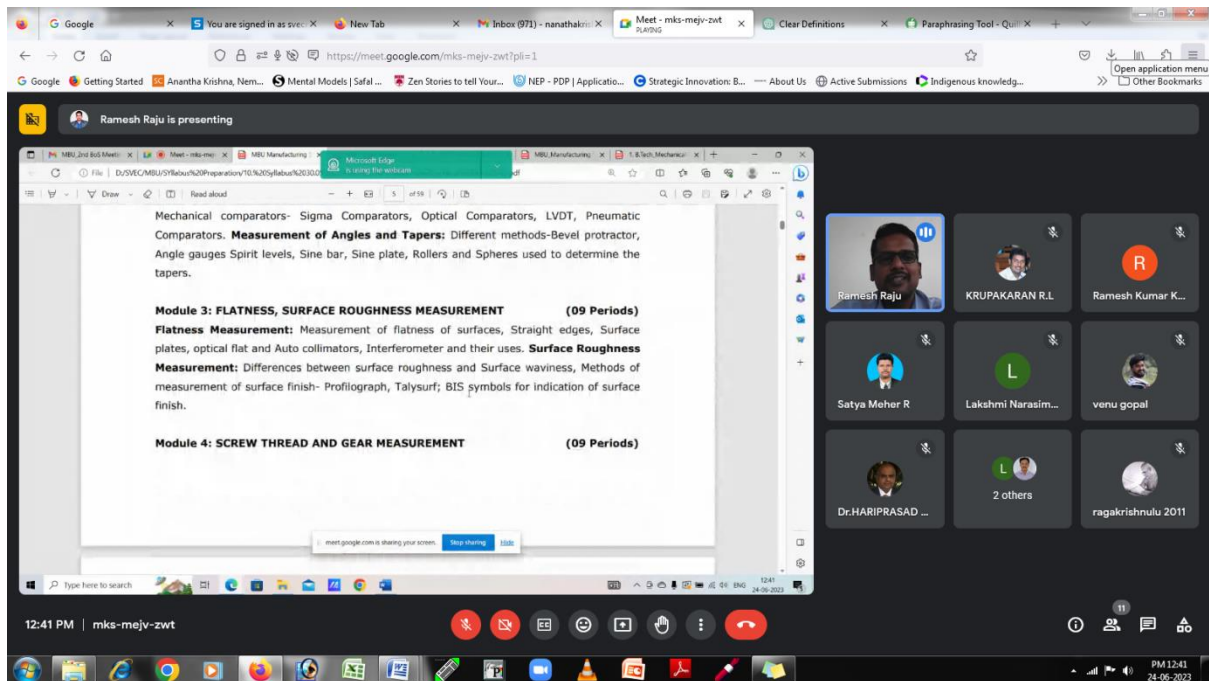
Members acknowledged and commended the active participation of faculty and students in research endeavors, particularly in the development and application of metaheuristic algorithms, the application of Anova, and other optimization techniques.

3.4. Manufacturing Module:

Dr. R. Ramesh, the Manufacturing module coordinator, presented the discipline's course syllabi and outcomes. Members of the BOS approved the proposed Syllabi with Course Outcomes for B.Tech. Mechanical Engineering, B.Tech. Mechanical Engineering with specialization in Smart Manufacturing, and B.Tech. Mechanical


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Engineering with specialization in Robotics and Automation (MBU22 Regulations) courses that fall within the domain of Manufacturing.



Dr. R. Ramesh, Module Coordinator Manufacturing presenting the syllabi with course outcomes

4. MOOCs Equivalent to the Courses offered under UG Curriculum (MBU22 Regulations) and Courses offered to other Departments.

The members approved the MOOCs Equivalent to the Courses offered under UG Curriculum (MBU22 Regulations) and Courses offered to other Departments.

5. Suggestions

The members appreciated the well-constructed syllabi in all the modules, effectively catering to the current industry and research needs and demands. Members suggested checking the typographical errors, if any.

The Board authorized the chairman BOS to effect any minor changes as per the need in syllabi and later intimate these changes to the members of the BOS.

The chairman, BOS thanked the members for their valuable time, insights, and guidance throughout the meeting.

Dr. R. Satya Meher
Chairman
BoS in Mechanical Engineering

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School of Computing
Department of Computer Science and Engineering

2nd Meeting of Board of Studies in Computer Science and Engineering

for UG and PG held on 22.06.2023 at 10:00 AM

(Online Mode Through on 22.06.2023 at 10:00 AM to 01:00PM)

Meeting Link : <https://meet.google.com/yfk-pnm-axa>

1. Revised Course Structure of B.Tech. CSE; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
2. Revised Course Structure of B.Tech. CSE with specialization in Cloud Computing and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
3. Revised Course Structure of B.Tech. CSE with specialization in Full-Stack Development and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
4. Revised Course Structure of B.Tech. CSE with specialization in DevOps and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
5. Identification of MOOCs Equivalent to the Courses offered under UG and PG Curriculum (MBU22 Regulations).
6. Approval of syllabi for university elective courses drafted by the department of Computer Science and Engineering.
7. Any other Item

(Dr. M. SUNIL KUMAR)
Chairman, BoS (CSE)

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School of Computing
Department of Computer Science and Engineering
MINUTES OF MEETING

2nd Meeting of Board of Studies in Computer Science and Engineering
for UG and PG held on 22.06.2023 at 10:00 AM

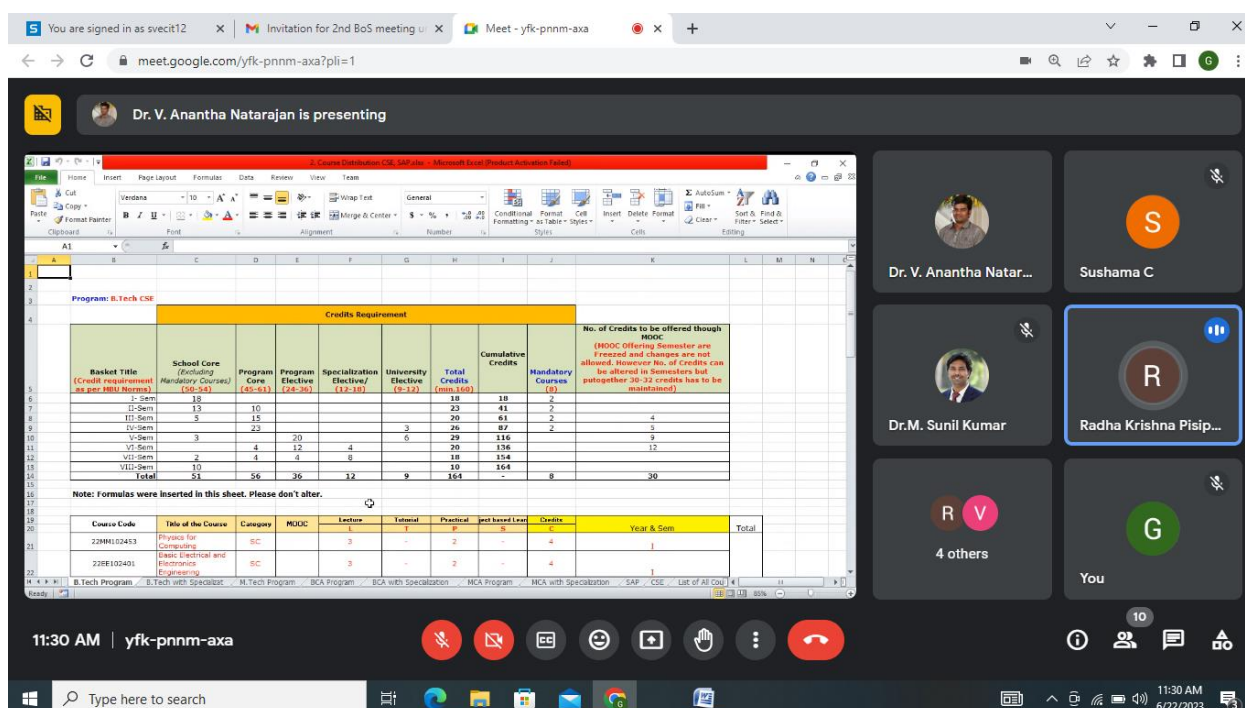
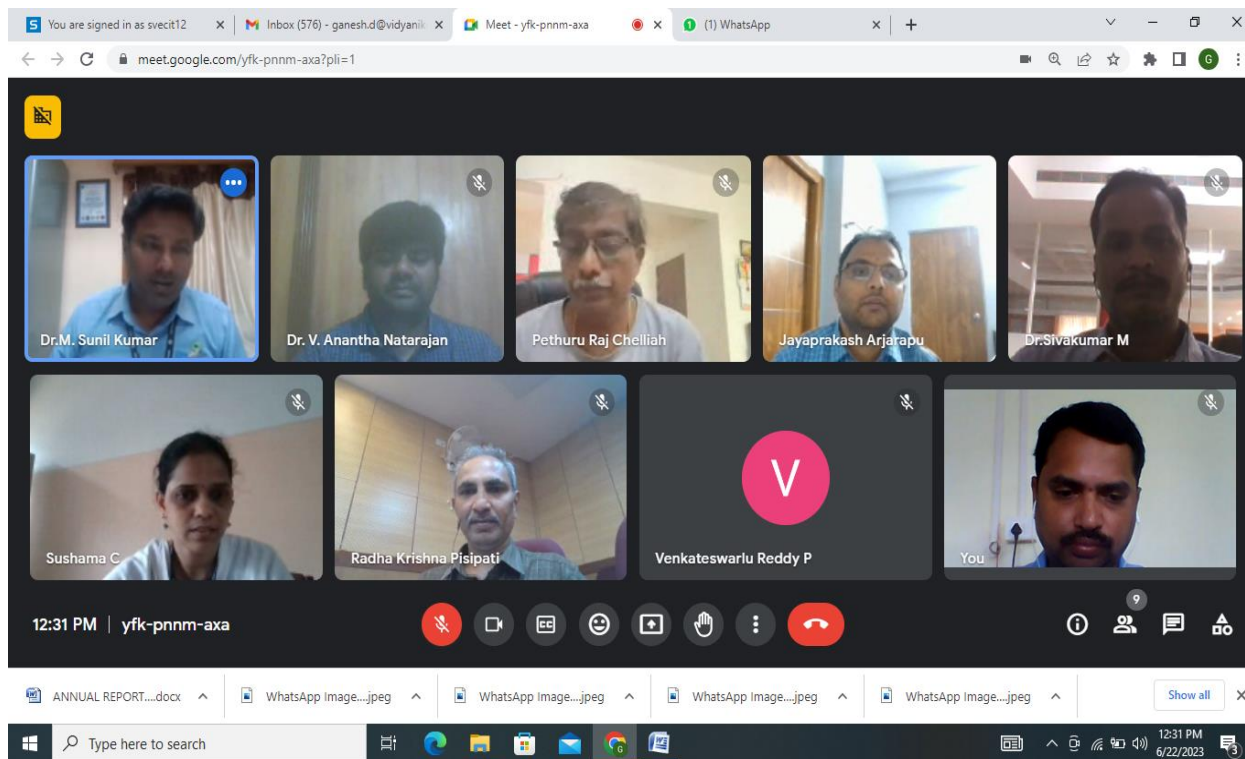
Members Present:

S. No.	Name of the Member	Designation	Signature
1.	Dr. M. Sunil Kumar Professor & Head Department of CSE	Chairman	
2.	Dr. P. Radha Krishna Professor, Dept of CSE, NITW.	External Member (Academics)	
3.	Dr. Pethuru Raj PhD Chief Architect, Reliance Jio Platforms Ltd., Bengaluru	External Member (Industry)	
4.	Mr. JayaPrakash Arjarapu, Regional Manager Rimini Street India Private Limited, Hyderabad	External Member (Alumni)	
5.	Dr. V. Anantha Natarajan Professor	Internal Member (Academia)	
6.	Dr. Senthil Murugan Professor	Internal Member (Academia)	Not attended
7.	Dr. C. Sushama Associate Professor	Internal Member (Academia)	
8.	Dr. D. Ganesh Associate Professor	Internal Member (Academia)	

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9.	Dr. M. Siva Kumar Assistant Professor (SG)	Internal Member (Academia)	
10.	Mr. P. Venkateswarlu Reddy Assistant Professor	Internal Member (Academia)	

Screenshots of The online Meeting:



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Dr. V. Anantha Natarajan is presenting

Program: B.Tech CSE

Basket Title (Credit requirement as per HOD Approval)	School Core (Including Mandatory Courses) (10-56)	Program Core (41-51)	Program Elective (28-35)	Specialization Elective/ (17-18)	University Elective (2-17)	Total Credits (min:160)	Cumulative Credits	Mandatory Courses (6)	No. of Credits to be offered though MDOC
I-Sem	18					18	18	2	
II-Sem	13	10				23	41	2	
III-Sem	5	15				20	61	2	4
IV-Sem		23			3	26	87	2	9
V-Sem	3		20		5	28	115		9
VI-Sem	4	12	4		20	40	155		12
VII-Sem	2	4	4	8		18	173		
VIII-Sem	10				10	20	193		
Total	51	36	32	8	9	164		8	30

Note: Formulas were inserted in this sheet. Please don't alter.

Course Code	Title of the Course	Category	MDOC	Lecture	Tutorial	Practical	Self-based Lear	Credits	Year & Sem	Total
22H8102413	Physics for Computing	SC		3	-	2	-	4	I	
22RE102401	Basic Electrical and Electronics Engineering	SC		3	-	2	-	4	I	

11:31 AM | yfk-pnnm-axa

Participant list:

- Dr. V. Anantha Natar...
- Pethuru Raj Chelliah
- Dr.M. Sunil Kumar
- Radha Krishna Pispip...
- 4 others
- You

W. Srinivas
REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

Minutes:

1. Revised Course Structure of B.Tech. CSE; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).

BOS Members approved the proposed Revised Course Structure of B.Tech. CSE and Syllabi with Course Outcomes for the B. Tech Computer Science and Engineering program other than approved in 1st BoS Meeting, under MBU22 Regulations (ANNEXURE-I). Members were apprised of the Syllabi of other courses of B.Tech. CSE.

The following suggestions are given by external members for further improvement;

- i. The course titled Feature Engineering could be removed.
- ii. Under AI specialization the following flow of courses could be provided, Introduction to AI, Machine Learning Fundamentals, Advanced Machine Learning, Deep learning, Computer Vision, Natural Language Processing.
- iii. Include use cases or application areas in artificial intelligence course syllabi.
- iv. Drop advanced java programming and offer a course on any of the BigData tools / NoSQL database

2. Revised Course Structure of B.Tech. CSE with specialization in Cloud Computing and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).

BOS Members approved the proposed Revised Course Structure of B.Tech. CSE with specialization in Cloud Computing and Syllabi with Course Outcomes. The members appreciated the efforts made by the department in preparing the list of exercises related to Kubernetes, dockers, and microservices.

The following suggestions are given by external members for further improvement;

- i. A course on event driven architecture could be included.
- ii. Include usecases in the syllabi of Micro-Services Architecture course.
- iii. If possible laboratory exercises could be implemented with the following cloud service providers; Google, AWS, and Azure.

(In the proposed syllabus the lab exercises implementation will be carried out in Openstack and AWS platform)

- iv. A course on Edge Computing, and Fog Computing could be included.

3. Revised Course Structure of B.Tech. CSE with specialization in Full-Stack Development and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).

BOS Members approved the proposed Revised Course Structure of B.Tech. CSE with specialization in Full-Stack Development and Syllabi with Course Outcomes. The members appreciated the efforts made by the department in preparing the course structure and syllabi with much focus on emerging technologies and languages.

The following suggestions are given by external members for further improvement;

- i. Include more courses on NoSQL databases and big data technologies.
- ii. To implement laboratory exercises with more focus on deployment of applications in containers.
- iii. More laboratory exercises related to kubernetes and dockers.


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4. Revised Course Structure of B.Tech. CSE with specialization in DevOps and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).v

BOS Members approved the proposed Revised Course Structure of B.Tech. CSE with specialization in DevOps and Syllabi with Course Outcomes. Members commented that the syllabi covers all the topics from basics to advanced level topics.

The following suggestions are given by external members for further improvement;

- i. More focus on DevOps delivery pipeline.
- ii. Laboratory exercises to resolve DevOps technical challenges.

5. Identification of MOOCs Equivalent to the Courses offered under UG and PG Curriculum (MBU22 Regulations).

The members suggested the following equivalent MOOC courses for the courses categorized as program electives.

Program Elective	MOOC Course Title	MOOC Offered by
Agile and Scrum Practices	Introduction to Agile Development and Scrum	https://www.coursera.org/learn/agile-development-and-scrum
Internet of Things	Introduction and Programming with IoT Boards	https://www.coursera.org/learn/introduction-iot-boards
Service-Oriented Architecture and Microservices Architecture	Containerized Applications on AWS	https://www.coursera.org/learn/containerized-applications-on-aws
Digital Image Processing	Introduction to Computer Vision and Image Processing	https://www.coursera.org/learn/introduction-computer-vision-watson-opencv
Nature Inspired Algorithms	Bio-inspired Artificial Intelligence Algorithms	https://www.udemy.com/course/bio-inspired-artificial-intelligence-algorithms-for-optimization/

6. Approval of syllabi for university elective courses drafted by the department of Computer Science and Engineering.

The syllabi for the the following university elective courses were approved in the meeting by the members;

- i. Introduction to the Python Programming
- ii. WebDesign Fundamentals




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Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

CHAIRMAN
Board of Studies-CSE



MBU
MOHAN BABU
UNIVERSITY

MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati 517 102

Agenda for 2nd Meeting of Board of Studies

in

Data Science, Artificial Intelligence & Machine Learning, Cyber Security

and Computer Science & Information Technology

for UG programs on 24.06.2023 at 11:00 AM

Meeting Link: <https://us06web.zoom.us/j/3548323572?pwd=ZjhZSnlnNcy8rcWI4Z2cwcjNiWmhkZz09>

Agenda:

1. Revised Course Structure of B.Tech. CSE (Data Science); and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
2. Revised Course Structure of B.Tech. CSE (Artificial Intelligence & Machine Learning) and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
3. Revised Course Structure of B.Tech.CSE (Cyber Security) and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
4. Revised Course Structure of B.Tech.Computer Science and Information Technology and Syllabi with Course Outcomes for the Courses Under MBU22 Regulations.
5. Identification of MOOCs Equivalent to the Courses offered under UG Curriculum (MBU22 Regulations).
6. Approval of Courses offered to other Departments
7. Action Taken Report on 1st BoS Meeting (Under MBU22 Regulations).
8. Any other Item

Dr. K.RAMANI

Chair Person- BoS in Data Science

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MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



School of Computing

MINUTES OF MEETING

2nd Meeting of Board of Studies

in

Data Science, Artificial Intelligence & Machine Learning, Cyber Security

and Computer Science & Information Technology

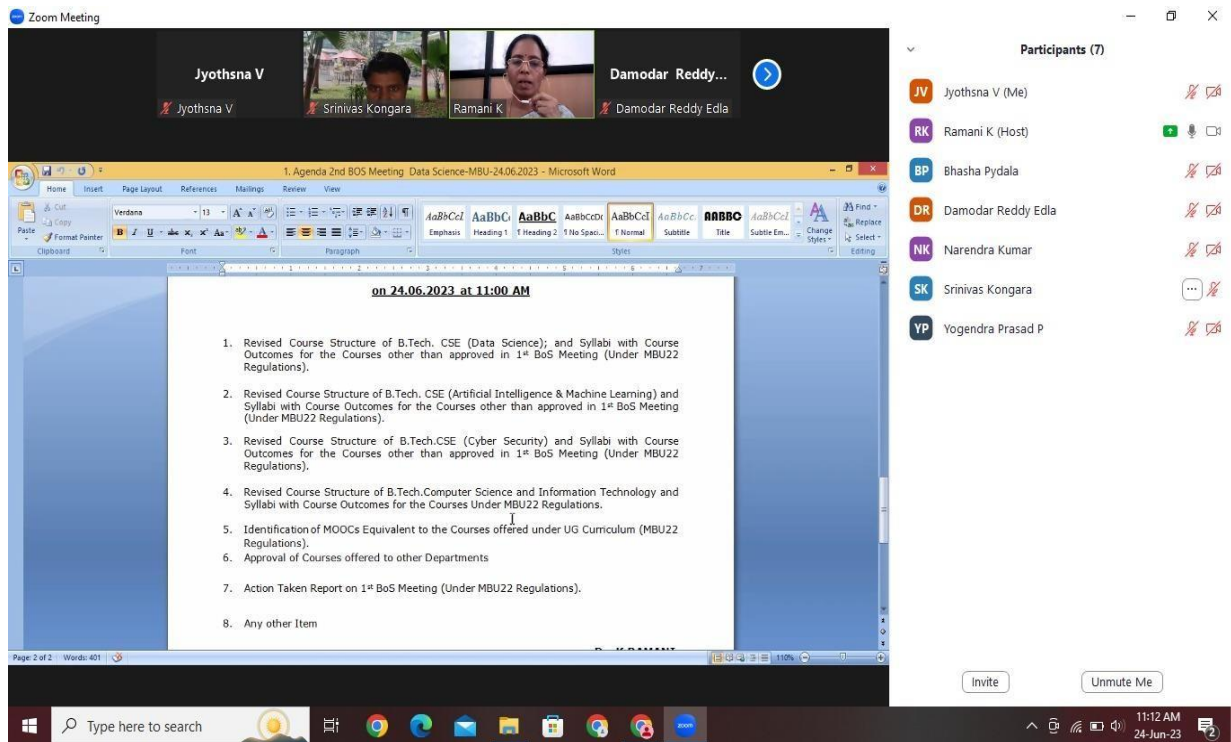
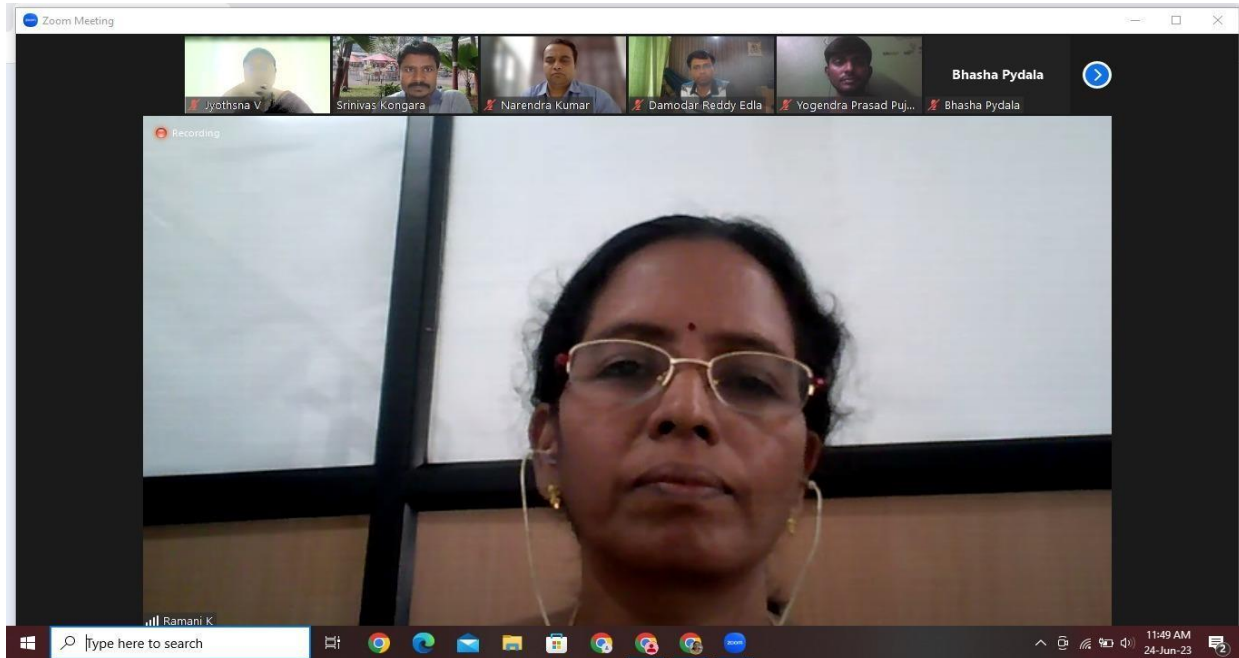
for UG programs on 24.06.2023 at 11:00 AM

Meeting Recoded Video Link: https://drive.google.com/file/d/1ntwq07cY_-TGk3_eHJAp4Va3XTxZDgKN/view?usp=drive_link

Members Present:

Name of the Member	Designation	Signature
Dr. K. Ramani Professor and Program Head(DS) Department of Data Science	Chairperson	
Dr. Damodar Reddy Edla Associate Professor, Dept. of CSE National Institute of Technology Goa Farmagudi, Goa	External Member (Academics)	
Mr. Srinivaas Kongara Senior program Manager Microsoft India Pvt. Ltd, Hyderabad	External Member (Industry)	
Dr. B. Narendra Kumar Rao Professor and Program Head(AI&ML)	Internal Member (Academia)	
Dr. V. Jyothsna Associate Professor, Dept. of Data Science	Internal Member (Academia)	
Mr. P. Bhasha Assistant Professor, Dept. of Data Science	Internal Member (Academia)	
Mr. M. Ramu Assistant Professor, Dept. of Data Science	Internal Member (Academia)	
Mr. P. Yogendra Prasad Assistant Professor, Dept. of Data Science	Internal Member (Academia)	

Screenshots of the Online Meeting:




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Andhra Pradesh-517 102

Minutes:

1. Revised Course Structure of B.Tech. CSE (Data Science); and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).

Dr. K. Ramani, Program Head-Data Science apprised the members about the revised course structure and syllabi of III to VIII semesters of B.Tech. CSE (Data Science) under MBU22 Regulations (**Annexure-I**). The members perused and ratified the same.

2. Revised Course Structure of B.Tech. CSE (Artificial Intelligence & Machine Learning) and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).

Dr. B. Narendra Kumar Rao, Program Head-AI&ML apprised the members about the revised course structure and syllabi of III to VIII semesters of B.Tech. CSE (Artificial Intelligence & Machine Learning) under MBU22 Regulations (**Annexure-II**). The members perused and ratified the same.

3. Revised Course Structure of B.Tech.CSE (Cyber Security) and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).

Dr. K. Ramani, Program Head-Data Science apprised the members about the revised course structure and syllabi of III to VIII semesters of B.Tech. CSE (Cyber Security) under MBU22 Regulations (**Annexure-III**).

BoS members approved the proposed Course Structure and syllabi of B.Tech. CSE(Cyber Security) under MBU Regulations with the following suggestions:

- Include security compliance as a part of Cyber Security curriculum.
- Refer to Top 10 vulnerabilities in OWAS and include them as a part of Web security Course.

4. Revised Course Structure of B.Tech. Computer Science and Information Technology and Syllabi with Course Outcomes for the Courses Under MBU22 Regulations.

Dr. K. Ramani, Program Head-Data Science apprised the members about the revised course structure and syllabi of III to VIII semesters of B.Tech. Computer Science and Information Technology under MBU22 Regulations (**Annexure-IV**).

BoS members approved the proposed Course Structure and syllabi of B.Tech. CSIT under MBU Regulations with the following suggestions:

- Implement DevOps Lab Cycle with Azure DevOps.

5. Identification of MOOCs Equivalent to the Courses offered under UG Curriculum (MBU22 Regulations).

BoS members approved to offer courses in MOOC equivalent to the courses offered under UG Curriculum (MBU22 Regulations).

6. Approval of Courses offered to other Departments

The University Courses with syllabi offered to other departments are apprised to BoS members and members approved the same.

7. Action Taken Report on 1st BoS Meeting (Under MBU22 Regulations)

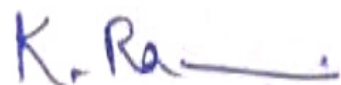
The Action Taken Report (**Annexure-V**) on 1st BoS Meeting Under MBU22 Regulations is apprised to the BoS members.

8. Any other Item

Board members have made following suggestions:

- Introduce courses like constitution of India & Finance Management into MOOC/University Electives.
- Human Computer Interaction/Embedded systems courses to be introduced in electives
- Summary on steps to be followed in the direction of NEP.

The Meeting concluded with thanks to the members.



BoS, Chairperson

(Dr. K.Ramani)



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School of Computing

Department of Computer Applications

Agenda for 2nd Meeting of Board of Studies in Computer Applications

for UG and PG on 22.06.2023 at 02:00 PM

(Online Mode through Google Meet)

Goto Meeting Link: <https://meet.google.com/cxs-anpf-bfi>

1. Revision of Course Structure of Bachelor of Computer Applications (B.C.A); and Syllabi with Course Outcomes for the Courses of III, IV, V and VI semesters of B.C.A (Under MBU Regulations).
2. Revision of Course Structure of B.C.A with specialization in Game and Graphic Design and Syllabi with Course Outcomes for the Courses of III, IV, V and VI semesters of B.C.A (Under MBU Regulations).
3. Revision of Course Structure of B.C.A with specialization in Augmented Reality and Virtual Reality and Syllabi with Course Outcomes for the Courses of III, IV, V and VI semesters of B.C.A (Under MBU Regulations).
4. Revision of Credits for MCA from 102 to 90.
5. Revision of Course Structure of M.C.A and Syllabi with Course Outcomes for the Courses of III and IV semesters of M.C.A (Under MBU Regulations).
6. Revision of Course Structure of M.C.A with specialization in Full Stack Development and Syllabi with Course Outcomes for the Courses of III and IV semesters of M.C.A (Under MBU Regulations).
7. Appraisal on teaching, research, extension and other academic activities, achievements of the Department.
 - (a) Implementation of Teaching, Learning and Evaluation Process
 - (b) Research and Consultancy
 - (c) Extension Activities
 - (d) Faculty Development Activities
 - (e) Staff Development Activities
 - (f) Student Development Activities
 - (g) Student Support Systems
 - (h) Achievements of the Department
8. Any other Item


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Yours sincerely,



(Dr. M. SUNIL KUMAR)
Chairman, BoS (C.A)



School of Engineering
Department of Computer Applications

MINUTES OF MEETING

2nd Meeting of Board of Studies in Computer Applications

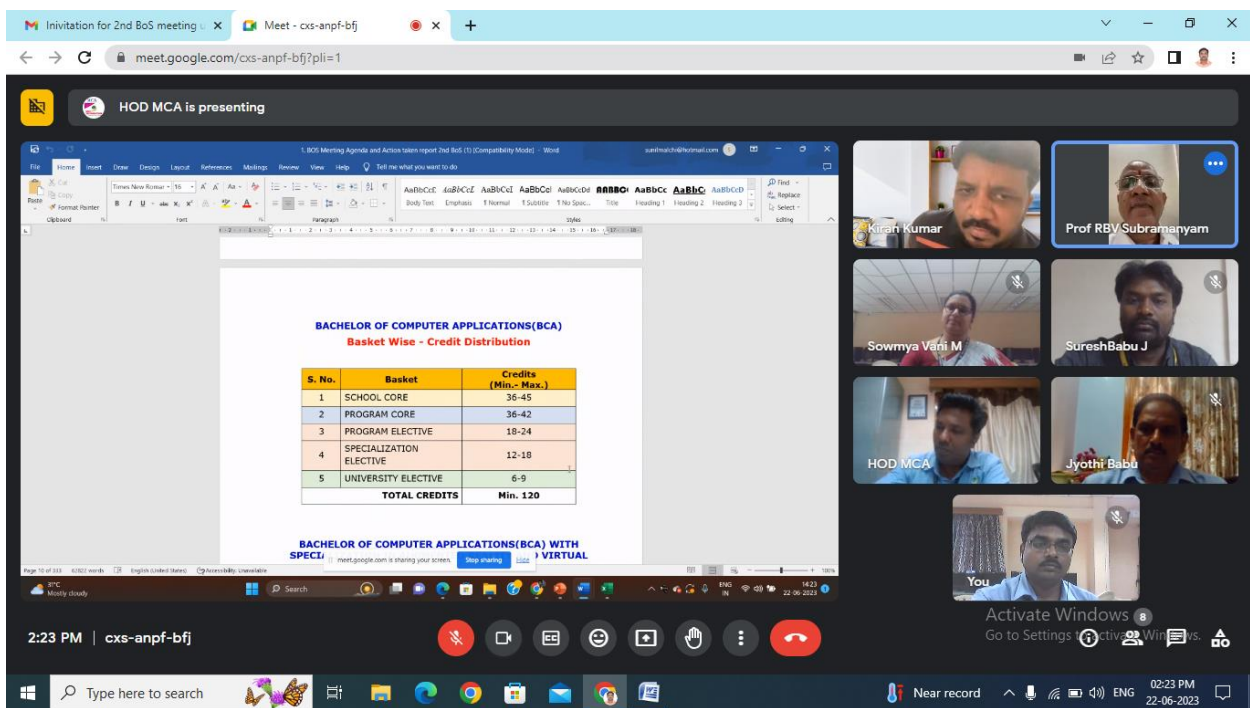
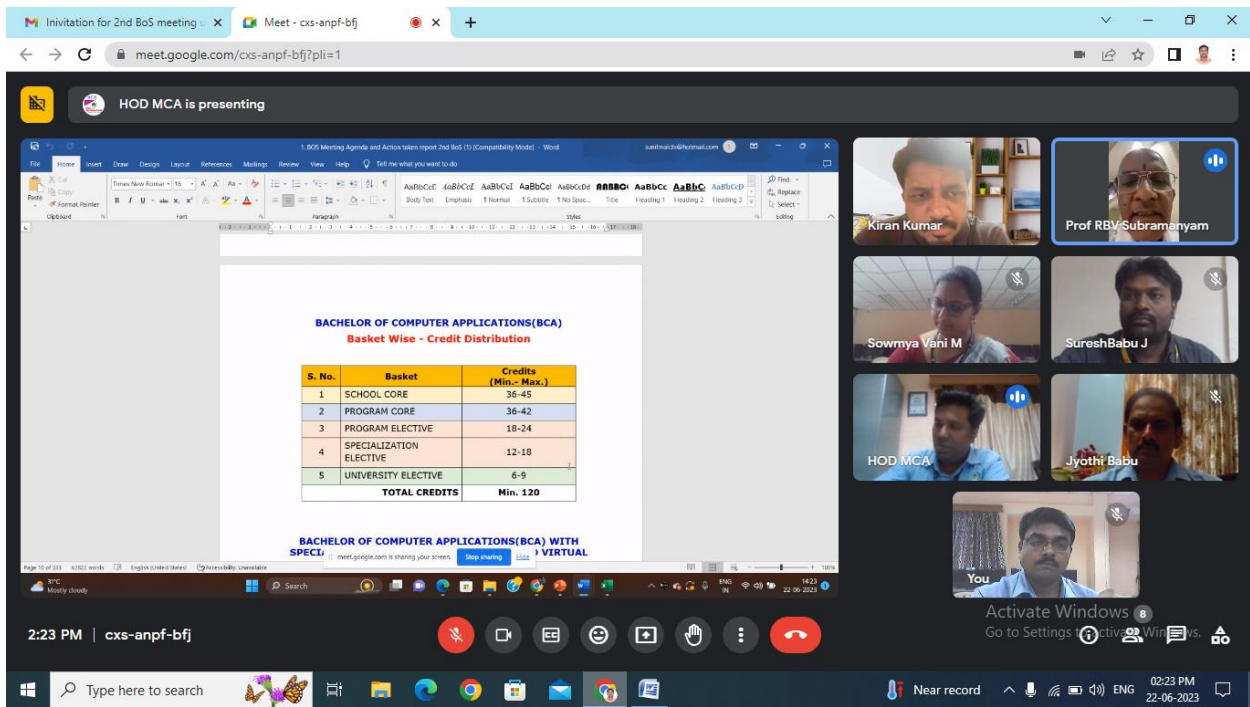
for UG and PG held on 22.06.2023 at 02:00 PM

Members Present:

S. No.	Name of the Member	Designation	Signature
1.	Dr. M. SUNIL KUMAR Professor & Head Department of Computer Applications	Chairman	
2.	Prof. R. B. V. SUBRAMANYAM Professor Department of Computer Science and Engineering, NIT, Warangal.	External Member (Academics)	
3.	Mr. Y. NAVEEN KUMAR REDDY Senior Consultant SAP-ABAP Technologies, MIND Trees Limited, Whitefield, Bengaluru.	External Member (Industry)	Not Attended
4.	Mr. KIRAN KUMAR MATTAM Manager-Cloud Engineering Deloitte, Sampangiram Nagar Bengaluru.	External Member (Alumni)	
5.	Dr. A. JYOTHI BABU Professor	Internal Member (Academia)	
6.	Dr. J. SURESH BABU Professor	Internal Member (Academia)	
7.	Dr. M. SIRISH KUMAR Associate Professor	Internal Member (Academia)	Not Attended
8.	Ms. M. SOWMYA VANI Assistant Professor	Internal Member (Academia)	
9.	Mr. S. GIRINATH Assistant Professor	Internal Member (Academia)	

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Andhra Pradesh-517 102

Screenshots of the Online Meeting:



K. Suresh
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MOHAN BABU UNIVERSITY
 Sree Sainath Nagar, Tirupati
 Andhra Pradesh-517 102

Minutes:

1. Revision of Course Structure of Bachelor of Computer Applications (B.C.A); and Syllabi with Course Outcomes for the Courses of III, IV, V and VI semesters of B.C.A (Under MBU Regulations).

BOS Members approved the proposed Course Structure of BCA, Syllabi with Course Outcomes of Computer Applications of I III, IV, V and VI semesters of B.C.A of MBU Regulations (**ANNEXURE-I**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were appraised of the Syllabi of courses of III, IV, V and VI semesters of B.C.A. In addition, the following suggestions are made for further improvement.

- Suggested to include Operating System course in curriculum.
- Recommended to have Design Thinking through lecture hours and need to be monitored.
- Suggested to include practical component to Innovation and Design Thinking.

2. Revision of Course Structure of B.C.A with specialization in Game and Graphic Design and Syllabi with Course Outcomes for the Courses of III, IV, V and VI semesters of B.C.A (Under MBU Regulations).

BOS Members approved the proposed Course Structure of BCA with specialization on Game and Graphic Design, Syllabi with Course Outcomes of Computer Applications core courses of III, IV, V and VI semesters of B.C.A. of MBU Regulations(**ANNEXURE-II**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were appraised of the Syllabi of courses of III, IV, V and VI semesters of B.C.A with specialization in Game and Graphic Design. In addition, the following suggestions are made for further improvement.

- Suggested to include Artificial Intelligence, Machine Learning and Data Analytics instead of Advanced Databases.
- Recommended to implement graph database instead of XML.

3. Revision of Course Structure of B.C.A with specialization in Augmented Reality and Virtual Reality and Syllabi with Course Outcomes for the Courses of III, IV, V and VI semesters of B.C.A (Under MBU Regulations).

BOS Members approved the proposed Course Structure of BCA with specialization on Game and Graphic Design, Syllabi with Course Outcomes of Computer Applications core courses of III, IV, V and VI semesters of B.C.A. with specialization in Augmented Reality and Virtual Reality of MBU Regulations(**ANNEXURE-III**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of courses of III, IV, V and VI semesters of B.C.A with specialization in Augmented Reality and Virtual Reality. In addition, the following suggestions are made for further improvement.

- Suggested to include NoSQL for implementation of databases.


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4. Revision of Credits for MCA from 102 to 90.

- BoS Members appreciated the change of reducing the credits for MCA students as the curriculum is framed for IV semesters.
- Suggested to implement NEP based credit system, used for Rejoining students.

5. Revision of Course Structure of M.C.A and Syllabi with Course Outcomes for the Courses of III and IV semesters of M.C.A (Under MBU Regulations).

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of Computer Applications of III and IV semesters M.C.A of MBU Regulations (**ANNEXURE-IV**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were appraised of the Syllabi of courses of III and IV semesters M.C.A. In addition, the following suggestions are made for further improvement.

- Recommended to include NoSQL database for practical implementation of databases.
- Suggested to include Reactjs instead of Angularjs.
- Recommended to include Generative AI instead of AI & ML. Suggested to introduce Database Performance Engineering concepts in DBMS to analyze the databases.
- Recommended to include the following:
 - Include Digital Image Processing and Multi Image Processing.

6. Revision of Course Structure of M.C.A with specialization in Full Stack Development and Syllabi with Course Outcomes for the Courses of III and IV semesters of M.C.A (Under MBU Regulations).

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of Computer Applications core courses of III and IV semesters M.C.A. with specialization in Full Stack Development of MBU Regulations (**ANNEXURE-V**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were appraised of the Syllabi of courses of III and IV semesters M.C.A with specialization in Full Stack Development. In addition, the following suggestions are made for further improvement.

- Suggested to include Installation of database in Cloud Environment.
- Suggested to incorporate JARA tool in Software Project Management.
- Recommended to include Flutter as a module in Mobile Application Development.
- Suggested to include Dockers, Kubernetes in DevOps Application Development.

Meeting concluded with thanks to the Chair.


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MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

Dr. M. SUNIL KUMAR
Chairman
BOS in Computer Applications



School of Liberal Arts and Sciences

Department of Biological and Chemical Sciences

Agenda for 2nd Meeting of Board of Studies in Biological and Chemical Sciences

for UG and PG on 24.06.2023

(Online Mode through Zoom)

AGENDA

1. Action Taken Report on Minutes of 1st Meeting held on 20.08.2022.
2. Vision and Mission of the Department.
3. PEOs, POs, PSOs, and Course Structure of B.Sc., and B.Sc. (Hons.) with Specialization in Bioinformatics; and Syllabi with Course Outcomes for the Courses of B.Sc., and B.Sc. (Hons.) with Specialization Bioinformatics (Under MBU Regulations).
4. PEOs, POs, PSOs, and Course Structure of B.Sc., and B.Sc. (Hons.) with Specialization in Biotechnology; and Syllabi with Course Outcomes for the Courses of B.Sc., and B.Sc. (Hons.) with Specialization Bioinformatics (Under MBU Regulations).
5. PEOs, POs, PSOs, and Course Structure of B.Sc., and B.Sc. (Hons.) with Specialization in Microbiology; and Syllabi with Course Outcomes for the Courses of B.Sc., and B.Sc. (Hons.) with Specialization Bioinformatics (Under MBU Regulations).
6. PEOs, POs, PSOs, and Course Structure of B.Sc. with Specialization Forensic Sciences; and Syllabi with Course Outcomes for the Courses of I B.Sc. with Forensic Sciences (Under MBU Regulations).
7. PEOs, POs, PSOs, and Course Structure of M.Sc. with Specialization in Biotechnology; and Syllabi with Course Outcomes for the Courses of M.Sc. with Specialization in Biotechnology (Under MBU Regulations).
8. PEOs, POs, PSOs, and Course Structure of M.Sc. with Specialization in Organic Chemistry; and Syllabi with Course Outcomes for the Courses of M.Sc. with Specialization in Organic Chemistry (Under MBU Regulations).
9. Any other Item

Dr. Y B KIRAN
BOS_Chairman

Biological and Chemical Sciences

REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



School of Liberal Arts & Sciences

Department of Biological and Chemical Sciences

2nd Meeting of Board of Studies in Biological and Chemical Sciences

for UG and PG on 24.06.2023

MINUTES OF MEETING

Members Present in the individual boards:

S. No.	Name of the Member	Designation	Signature
1.	Dr. Y B Kiran Associate Professor	Chairman	
2.	Dr. P. Uma Maheshwari Devi Professor Department of Applied Microbiology Sri Padmavati Mahila Visvavidyalayam Tirupati - 517502	External Member (Academics)	
3.	Dr. Velavan Kathirvelu Associate Professor of Chemistry Department of Applied Sciences, National Institute of Technology Goa, Farmagudi, Ponda, Goa 403401, India	External Member (Academics)	
4.	Dr. M. F. Stephen Babu Principal Scientist Chemyzo Lab PVT Ltd. IDA Peenya, Bangalore Karnataka	External Member (Industry)	
5.	Dr. M.M. Kesavalu Associate Professor	Internal Member (Academics)	
6.	Dr. S. Hemanthphanikumar Assistant Professor	Internal Member (Academics)	
7.	Dr. M. Varalakshmi Associate Professor	Internal Member (Academics)	
8.	Dr V. Hari Krishna Associate Professor	Internal Member (Academics)	
9.	Dr. Charles Lekhya Priya Assistant Professor	Internal Member (Academics)	

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Screenshots of the Online Meeting: (Biology)

Zoom Meeting Link: Time: June 24, 2023 01:15 PM India,

<https://us06web.zoom.us/j/4225431671?pwd=TC9CaDgxQmdFb3pyYzk4bUIObmtwUT09>

Meeting ID: 422 543 1671 Passcode: 004877

This screenshot shows a Zoom meeting in progress. The main window displays a slide titled "PROGRAM CORE" for the course "GENERAL MICROBIOLOGY". The slide includes the following information:

- Course Code:** 22BS202001
- Course Title:** GENERAL MICROBIOLOGY
- L T P S C:** 3 - 3 - 4.5
- Pre-Requisite:** -
- Anti-Requisite:** -
- Co-Requisite:** -
- COURSE DESCRIPTION:** This course provides a detailed discussion on Introduction to Microbiology, Microbial diversity, Microbial nutrition, microbial growth, and host-microbe interactions, and hands on training on Bacterial cell culture techniques, kinetics of growth curve and screening of microbes.
- COURSE OUTCOMES:** After successful completion of the course, students will be able to:
 - CO1 Identify the different tools required to study the microbes.
 - CO2 Understand classification, characteristics of major microbe categories and their characteristic features.
 - CO3 Understand the diversity of microbes and identify different types of culture techniques used for Microbial growth
 - CO4 Analyze the effects of different Microbes on other living organisms and influence of environmental factors on microbes, and vice versa.
 - CO5 Screen microbes and understand optimum conditions for different microbes using different techniques. Also work independently as well as in team to solve problems with effective communications.
- CO-PO-PSO Mapping Table:** (A table with columns for Course, Program Outcomes, and Program Specific Outcomes)

The Zoom interface shows five participants: Mohan Singh, Kiran YB, Dr. M. M. Kesavulu, Hemanth S, and Lekhya Priya Charles (Vice Chairperson APSCHE). The meeting is recorded, and the system time is 1:46 PM on 6/24/2023.

This screenshot shows a Zoom meeting in progress. The main window displays a slide titled "COURSE CONTENT" for the course "M.Sc. - Biotechnology". The slide includes the following information:

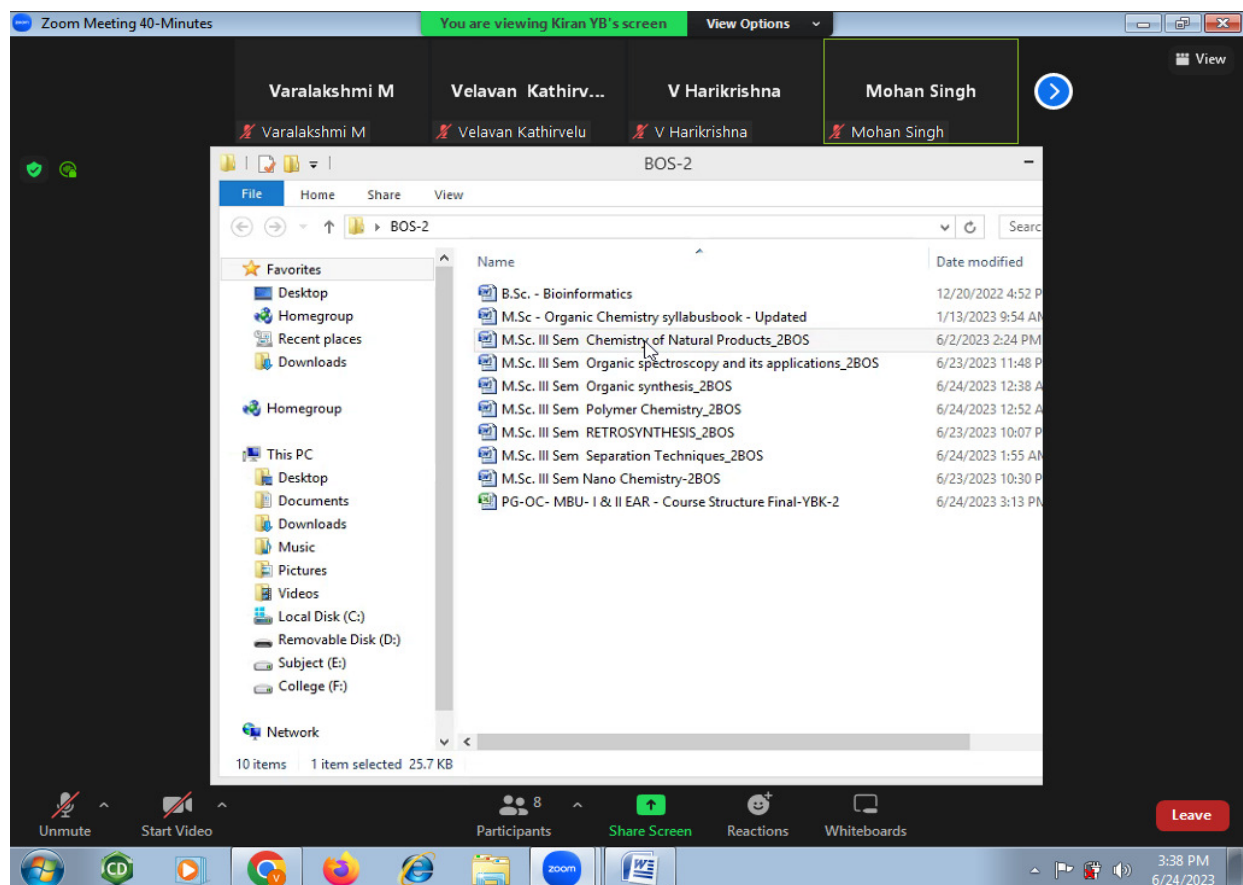
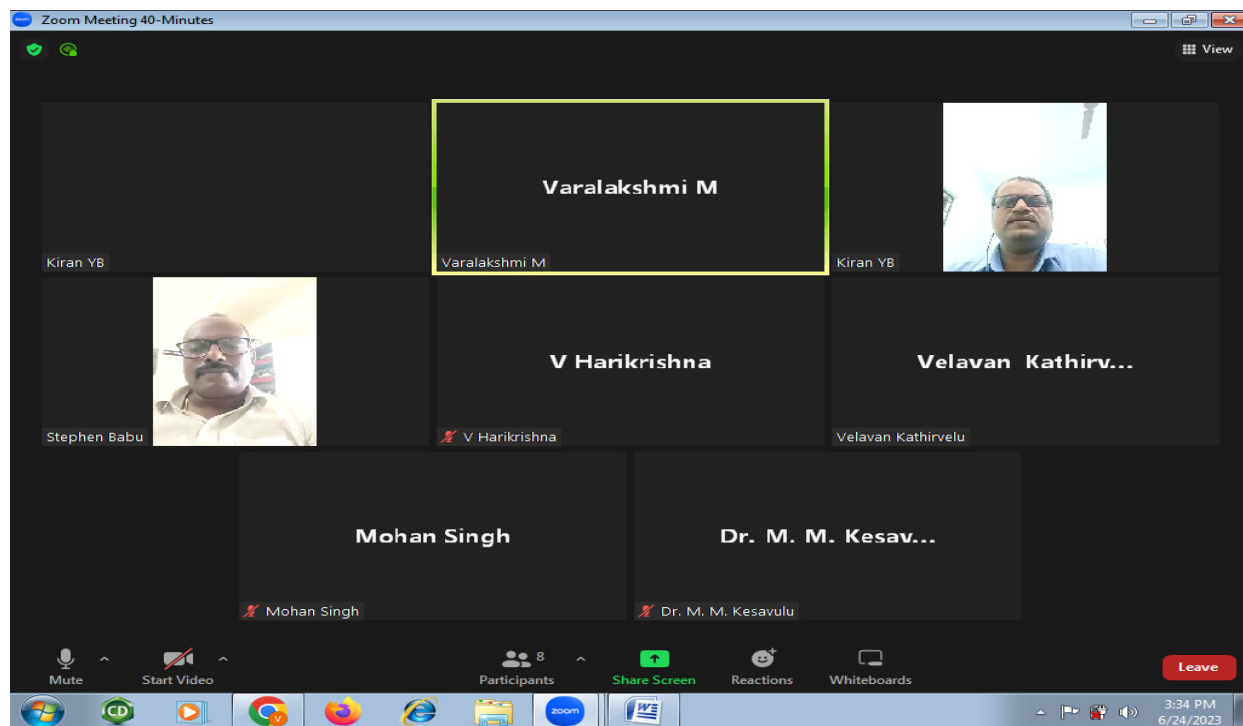
- M.Sc. - Biotechnology:** 21
- COURSE CONTENT**
- Module 1: INTRODUCTION TO MICROBIOLOGY (16 Periods)**
Scope, relevance, discovery and origin of microbial world, theories spontaneous generation and conflict, germ theory of diseases, Interaction of light with objects, Microscopy and its applications. Types and applications of microscopy, Bright field, Dark field, Fluorescence, Phase contrast, Confocal microscopy, Scanning and Transmission electron microscopy.
- Module 2: MICROBIAL DIVERSITY (09 Periods)**
Early evolution, complex metabolism and microbial diversity based on energy and carbon sources and distribution of microbes. Phylogeny of prokaryotes and eukaryotes. Classification of Microorganisms (bacteria, algae and fungi); General characteristics of virus, groups of viruses, viroids, prions, bacteriophage structure and its life cycle.
- Module 3 MICROBIAL NUTRITION (10 Periods)**
Organization: Types, Merits and demerits of different types of organization, (to be discussed in the next slide)

The Zoom interface shows five participants: Mohan Singh, Kiran YB, Dr. M. M. Kesavulu, Hemanth S, and Lekhya Priya Charles (Vice Chairperson APSCHE). The meeting is recorded, and the system time is 1:47 PM on 6/24/2023.


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MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

Screenshots of the Online Meeting: (Chemistry)

Zoom Meeting Link: Time: June 24, 2023 03:30 Noon India,
<https://us06web.zoom.us/j/4225431671?pwd=TC9CaDgxQmdFb3pyYzk4bUIObmtwUT09>
Meeting ID: 422 543 1671 Passcode: 004877



K. Sreedhar
REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

1) Action Taken Report on Minutes of 1st Meeting held on 20.08.2022.

The members of BOS were apprised of the action taken on the minutes of the 1th meeting held on 20.08.2022 through the ZOOM platform.

The members noted and approved the same

2) Vision and Mission of the Department:

BOS Members approved the proposed Vision and Mission of the Department presented in the meeting. (**ANNEXURE-I**).

3) PEOs, POs, PSOs, and Course Structure of B.Sc., and B.Sc. (Hons.) with Specialization in Bioinformatics; and Syllabi with Course Outcomes for the Courses of B.Sc., and B.Sc. (Hons.) with Specialization Bioinformatics (Under MBU Regulations)

BOS Members approved the above proposed PEOs, POs, PSOs, and Course Structure and Syllabi with Course Outcomes of core courses of B.Sc., and B.Sc. (Hons.) with specialization in Bioinformatics (**ANNEXURE-II**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

4) PEOs, POs, PSOs, and Course Structure of B.Sc., and B.Sc. (Hons.) with Specialization in Biotechnology; and Syllabi with Course Outcomes for the Courses of B.Sc., and B.Sc. (Hons.) with Specialization Biotechnology (Under MBU Regulations)

BOS Members approved the above proposed PEOs, POs, PSOs, and Course Structure and Syllabi with Course Outcomes of core courses of B.Sc., and B.Sc. (Hons.) with specialization in Biotechnology (**ANNEXURE-III**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

5) PEOs, POs, PSOs, and Course Structure of B.Sc., and B.Sc. (Hons.) with Specialization in Microbiology; and Syllabi with Course Outcomes for the Courses of B.Sc., and B.Sc. (Hons.) with Specialization Microbiology (Under MBU Regulations)

BOS Members approved the above proposed PEOs, POs, PSOs, and Course Structure and Syllabi with Course Outcomes of core courses of B.Sc., and B.Sc. (Hons.) with specialization in Microbiology (**ANNEXURE-IV**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

6) PEOs, POs, PSOs, and Course Structure of B.Sc. with Specialization in Forensic Sciences; and Syllabi with Course Outcomes for the Courses of I B.Sc. with Specialization Forensic Sciences (Under MBU Regulations)

BOS Members approved the above proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year B.Sc. with specialization in Forensic Sciences (**ANNEXURE-V**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

7) PEOs, POs, PSOs, and Course Structure of M.Sc. with Specialization in Biotechnology; and Syllabi with Course Outcomes for the Courses of I of M.Sc. with Specialization in Biotechnology (Under MBU Regulations).

BOS Members approved the above proposed PEOs, POs, PSOs, and Course Structure and Syllabi with Course Outcomes of core courses of M.Sc. (**ANNEXURE-VI**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.


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Andhra Pradesh-517 102

8) PEOs, POs, PSOs, and Course Structure of M.Sc. with Specialization in Organic Chemistry; and Syllabi with Course Outcomes for the Courses of I of M.Sc. with Specialization in Organic Chemistry (Under MBU Regulations).

BOS Members approved the above proposed PEOs, POs, PSOs, and Course Structure and Syllabi with Course Outcomes of core courses of M.Sc. with Specialization in Organic Chemistry (**ANNEXURE-VII**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.

In addition, the following suggestions are made for further improvement.

In Biology Board:

UG Syllabus:

- ❖ In Bioinformatics syllabus redundant topics shall be replaced with advanced topics.
- ❖ In molecular biology few advanced methods are to be included.
- ❖ In the Microbial physiology metabolism related topics need to be simplified
- ❖ Accepted the proposed B.Sc., (honors), course structure with 160 credits
- ❖ Suggested to add virology as a program elective for B.Sc., honors

PG Syllabus:

- ❖ The syllabus has to be minimized in Agri food biotechnology

In Chemistry Board:

UG Syllabus:

- ❖ Accepted the proposed B.Sc., (honors), course structure with 160 credits
- ❖ Suggested to add Spectroscopy Studies as a program elective for B.Sc., honors

PG Syllabus:

- ❖ In Nano chemistry Course suggested to replace the Module: CARBON NANO MATERIALS with NANO MATERIALS FOR SPECIAL FUNCTIONS.
- ❖ Suggested to remove the biosynthesis of Terpenoids, alkaloids in Chemistry of Natural Products.
- ❖ Advised to replace the Modern reagents in Organic Synthesis course with Separation Techniques.

Meeting concluded with thanks to the Members.



Dr. Y B KIRAN
BOS_Chairman

Biological and Chemical Sciences



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MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



Members of Board of Studies in Mathematical Sciences (2022-23 to 2024-25)

S. No.	Name & Designation	Designation
1.	Dr. K. Kumaraswamy Naidu Associate Professor	Chairman, BOS
2.	Dr. P. Ramakanth Kumar HOD, CSE R V College of Engineering, Mysore Rd, RV Vidyanikethan, Post, Bengaluru, Karnataka- 560059	External Member (Academics)
3.	Dr. D. Seshachalam Professor Department of ECE, BMS College of Engineering, Bull Temple Road, Basavanagudi, Bengaluru, Karnataka-560019	External Member (Academics)
4.	Ms. Madumathi Project Lead BNY Mellon Technologies India Pvt Ltd, No 4, Canal Bank Road, Kasturba Nagar, Tharamani, Chennai - 600113	External Member (Industry)
5.	Dr. P. V. Satyanarayana Associate Professor Department of Mathematics, School of Advanced Sciences Vellore Institute of Technology (Deemed to be University), Vellore, Tamilnadu-632104.	External Member (Special Invitee)
6.	Dr. A.V.M. Prasad Professor	Internal Member
7.	Dr. P. Vishnu Prasanth Professor	Internal Member
8.	Dr. K. Nandagopal Associate Professor	Internal Member
9.	Dr. Y. Monikarchana Assistant Professor (SL)	Internal Member
10.	Dr. P.Manohar Assistant Professor (SL)	Internal Member


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Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

11.	Dr. K.Srinivasulu Assistant Professor	Internal Member
12.	Mr. K. Muni Sankar Assistant Professor	Internal Member
13.	Mr. K. Anjaneyulu Assistant Professor	Internal Member
14.	Ms. K. Divya Assistant Professor	Internal Member


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School of Liberal Arts and Sciences

Department of Mathematical Sciences

Agenda for 2nd Meeting of Board of Studies in Mathematical Sciences

for UG and PG on 24.06.2023

(Online Mode through Google Meet)



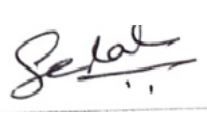
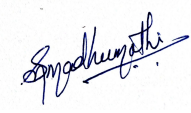
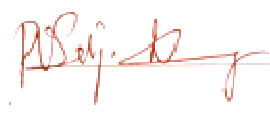
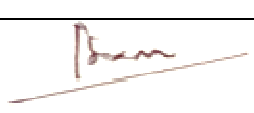
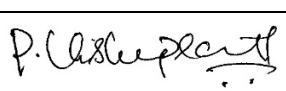
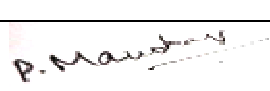
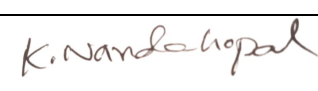
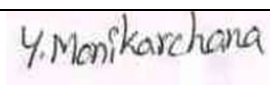
1. Revised Course Structure of B.Sc- Computer Science and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations) (Annexure-1)
2. Revised Course Structure of B.Sc-Data Science and Analytics and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations) (Annexure-II)
3. Revised Course Structure of B.Sc-Electronics with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations) (Annexure-III)
4. Revised Course Structure of M.Sc.Computer Science and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations) (Annexure-IV)
5. Revised Course Structure of M.Sc. Data Science and Analytics and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations) (Annexure-V)
6. Identification of MOOCs Equivalent to the Courses offered under UG and PG Curriculum (MBU22 Regulations)
7. Action taken report on previous meeting
8. Approval of the Courses offered for other departments
9. Any other Item

Dr. K.Kumaraswamy Naidu





BOS Chairman
Mathematical Sciences


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Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

MINUTES OF MEETING**Agenda for 2nd Meeting of Board of Studies in Mathematical Sciences, School of
Liberal Arts and Sciences for UG and PG
on 24.06.2023 at 10:30 AM****Members Present:**

S. No.	Name of the Member	Designation	Signature
1.	Dr. K.Kumaraswamy Naidu Associate Professor Of Mathematics (SL) Department of BS&H	Chairman	
2.	Dr. P. Ramakanth Kumar HOD, CSE R V College of Engineering, Mysore Rd, RV Vidyanikethan, Post, Bengaluru, Karnataka- 560059	External Member (Academics)	
3.	Dr. D. Seshachalam Professor Department of ECE, BMS College of Engineering, Bull Temple Road, Basavanagudi, Bengaluru, Karnataka-560019	External Member (Academics)	
4.	Ms. Madumathi Project Lead BNY Mellon Technologies India Pvt Ltd, No 4, Canal Bank Road, Kasturba Nagar, Tharamani, Chennai - 600113	External Member (Industry)	
5.	Dr. P. V. Satyanarayana Associate Professor Department of Mathematics, School of Advanced Sciences Vellore Institue of Technology (Deemed to be University), Vellore, Tamilnadu-632104.	External Member (Special Invitee)	
6.	Dr. A.V.M. Prasad Professor	Internal Member (Academics)	
7.	Dr. P. Vishnu Prasanth Professor	Internal Member (Academia)	
8.	Dr. P. Manohar Assistant Professor	Internal Member (Academia)	
9.	Dr. K. Nandagopal Associate Professor	Internal Member (Academia)	
10.	Dr. Y. Monikarchana Assistant Professor	Internal Member (Academia)	

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Andhra Pradesh, 517 102

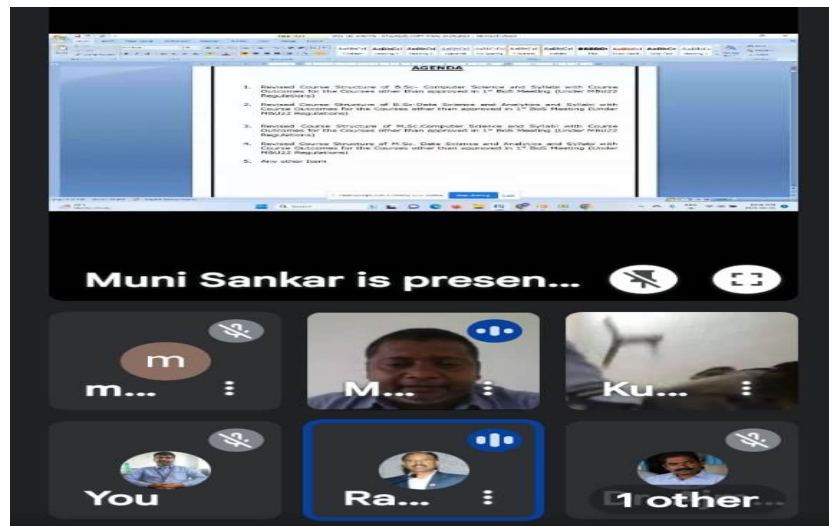
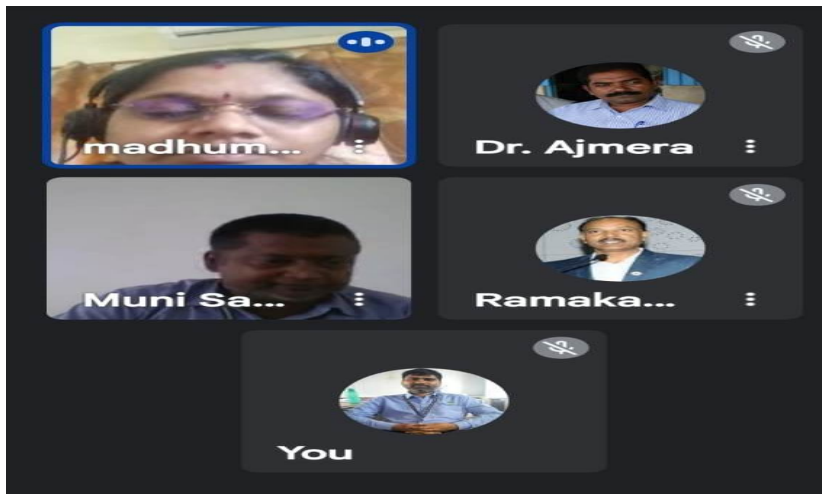
11.	Dr. K. Srinivasulu Assistant Professor	Internal Member (Academia)	
12.	Mr. K. Muni Sankar Assistant Professor	Internal Member (Academia)	
13.	Mr. K. Anjaneyulu Assistant Professor	Internal Member (Academia)	
14.	Ms. K. Divya Assistant Professor	Internal Member (Academia)	

Screen Shorts of the meeting

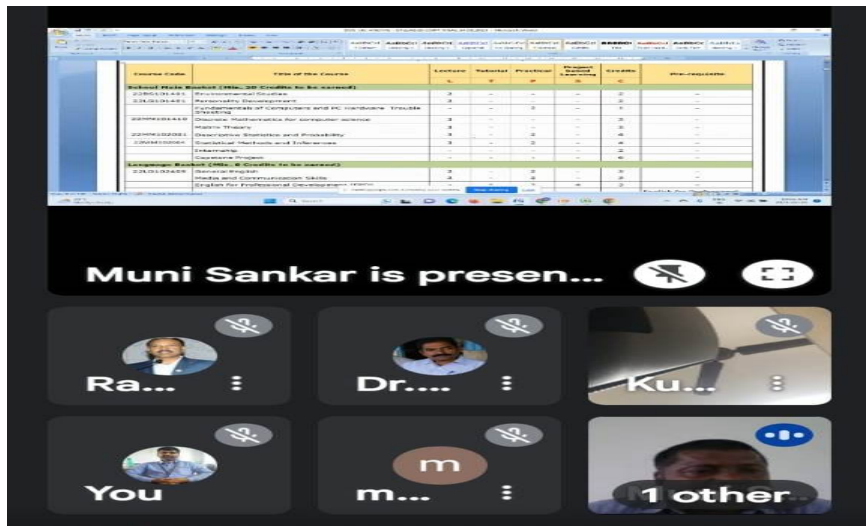
Screenshots of the Online Meeting: (Computer Science)

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<https://meet.google.com/eru-prfe-ukf>

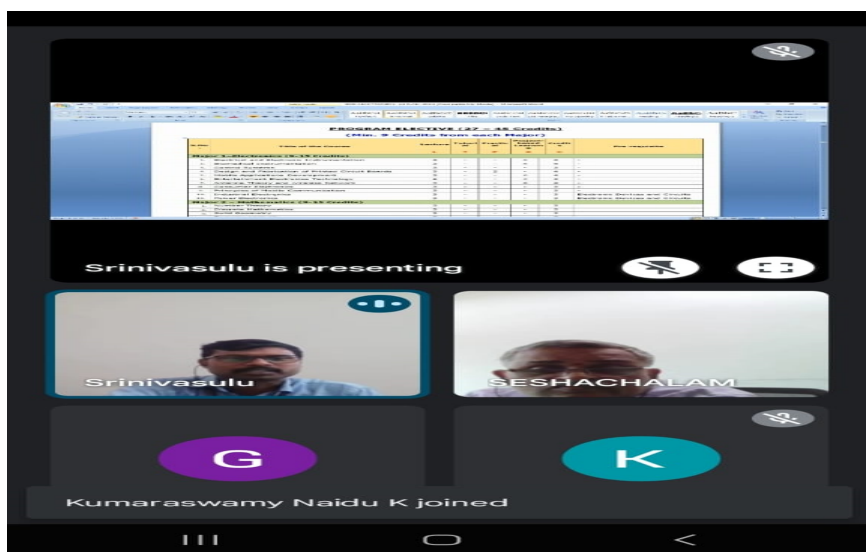
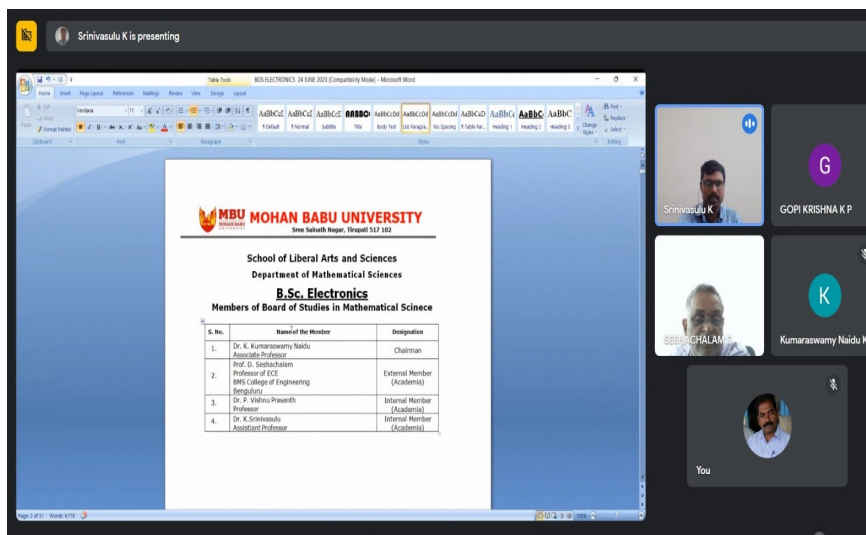



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Screenshots of the Online Meeting: (Electronics)

Google Meet Link: Time: June 24, 2023 11:00 AM India,
<https://meet.google.com/fmk-gnsr-srg>



K. Srinivasulu
REGISTRAR
MOHAN BABU UNIVERSITY
 Sree Sainath Nagar, Tirupati
 Andhra Pradesh-517 102



1. Revised Course Structure of B.Sc- Computer Science and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations)

BOS Members approved the proposed Revised Course Structure of B.Sc- Computer Science and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting under MBU22 Regulations (ANNEXURE-I). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of other courses of B.Sc- Computer Science. In addition, the following suggestions are made for further improvement.

- a) Suggested to incorporate any software testing tool as a course for all B.Sc programs in the course structure.
- b) Suggested to present faculty achievements, students performance and feed back with new curriculum in the next BOS meeting.

2. Revised Course Structure of B.Sc-Data Science and Analytics and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations)

BOS Members approved the proposed Revised Course Structure of B.Sc- Data Science and Analytics and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting under MBU22 Regulations (ANNEXURE-II). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of other courses of B.Sc- Data Science and Analytics. In addition, the following suggestions are made for further improvement.

- a) Suggested to incorporate any software testing tool as a course for all B.Sc programs in the course structure.
- b) Suggested to present faculty achievements, students performance and feed back with new curriculum in the next BOS meeting.

3. Revised Course Structure of B.Sc-Electronics with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations)

BOS Members approved the proposed Revised Course Structure of B.Sc- Electronics and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting under MBU22 Regulations (ANNEXURE-III). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way.


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Members were apprised of the Syllabi of other courses of B.Sc- Electronics. In addition, the following suggestions are made for further improvement.

- a) Suggested to maintain uniform course structure.
- b) Suggested to incorporate labs for all the courses offered in program core and program elective.

4. Revised Course Structure of M.Sc.Computer Science and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations)

BOS Members approved the proposed Revised Course Structure of M.Sc.Computer Science and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting under MBU22 Regulations (ANNEXURE-IV). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of other courses of M.Sc.Computer Science. In addition, the following suggestions are made for further improvement.

- a) Suggested to present faculty achievements, students performance and feed back with new curriculum in the next BOS meeting.

5. Revised Course Structure of M.Sc. Data Science and Analytics and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations)

BOS Members approved the proposed Revised Course Structure of M.Sc. Data Science and Analytics and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting under MBU22 Regulations (ANNEXURE-V). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of other courses of M.Sc. Data Science and Analytics. In addition, the following suggestions are made for further improvement.

- a) Suggested to present faculty achievements, students performance and feed back with new curriculum in the next BOS meeting.

6. Identification of MOOCs Equivalent to the Courses offered under UG and PG Curriculum (MBU22 Regulations):

Resolved to authorize the Chairman, BoS in Mathematical Science to identify and finalize the MOOCs equivalent to the courses offered under UG and PG curriculum, under MBU22 Regulations and forward the same to the respective School Dean/ Dean (Academic Affairs) for further action.

Meeting concluded with thanks to the Members.

Dr. K.Kumaraswamy Naidu
BOS Chairman
Mathematical Sciences


REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



School of Liberal Arts and Sciences

Department of Languages and Social Sciences

Agenda for 2nd Meeting of Board of Studies in Languages and Social Sciences

for UG and PG on 24.06.2023

(Online Mode through Zoom)



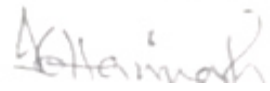
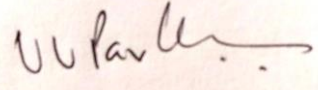

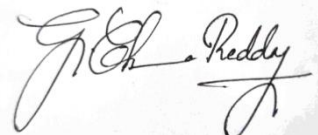
AGENDA

1. Vision and Mission of the Department.
2. PEOs, POs, PSOs, and Course Structure of B.A. English with Syllabi with Course Outcomes for the Courses of I B.A. English programme. (Under MBU Regulations)
3. PEOs, POs, PSOs, and Course Structure of M.A. English Syllabi with Course Outcomes for the Courses of I M.A. English programme. (Under MBU Regulations)

Dr. C. Raghavendra Reddy
BOS_Chairman
Languages and Social Sciences

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MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

School of Liberal Arts & Sciences**Department of Languages and Social sciences****2nd Meeting of Board of Studies in Department of Languages and Social Sciences for UG and PG on 24.06.2023****MINUTES OF MEETING****Members Present:**

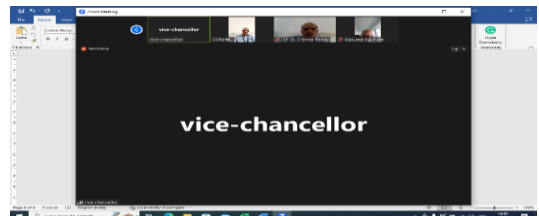
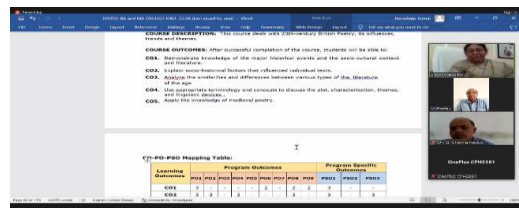
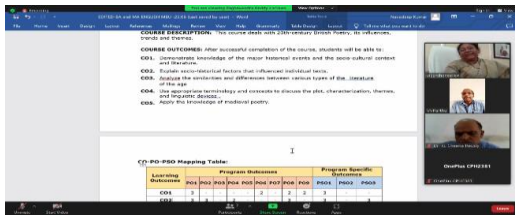
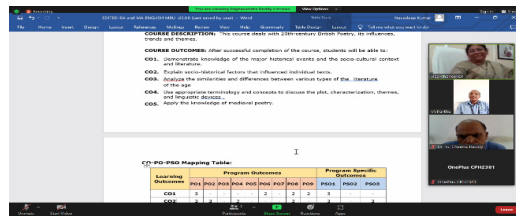
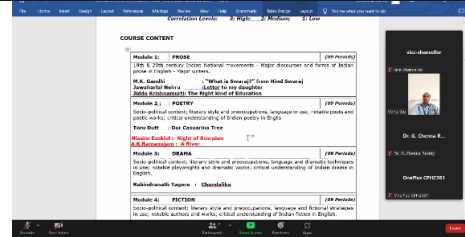
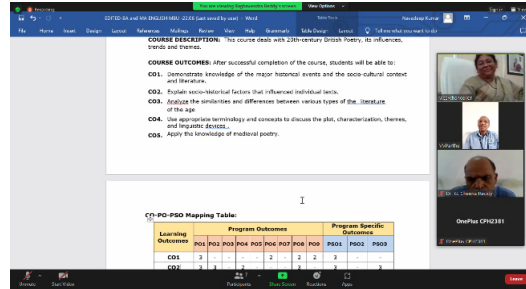
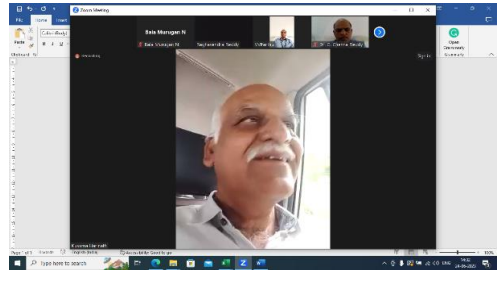
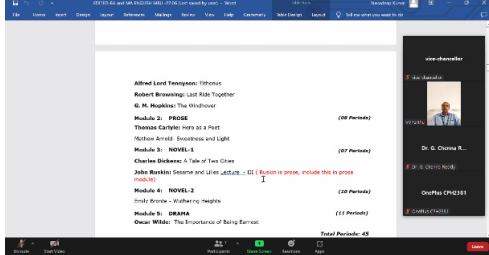
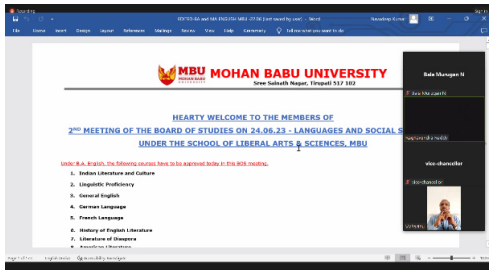
S. No.	Name of the Member	Designation	Signature
1	Dr. C. Raghavendra Reddy Assistant Professor (SL) BoS Chairperson	BoS Chairperson	
2	Prof. G.M. Sundaravalli Professor of English and Vice-Chancellor Vikramasimhapuri University Nellore- 524324 Andhra Pradesh, India	External Member (Academics)	
3	Dr.P. Kusuma Harinath Professor of English Department of English Sri Venkateswara University Tirupati-517502 Andhra Pradesh, India	External Member (Academics)	
6	Dr. V.V. Parthu Assistant Professor	Internal Member (Academia)	
7	Mr. BalaMurugan Assistant Professor	Internal Member (Academia)	
8	Dr. Chenna Reddy Assistant Professor	Internal Member (Academia)	

Screenshots of the Online Meeting: (English)*Zoom Meeting*

Link: <https://us06web.zoom.us/j/5255946934?pwd=eFhyTjhJamR5MU5PNHB0OEIrmjg3dz09>

Zoom Meeting Link: Time: June 24, 2023, 2:30 PM India


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MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



I. Action Taken Report on Minutes of 1st Meeting held on 20th Aug 2022.

The members of BOS were apprised of the action taken on the minutes of the 2nd meeting held on **24.06.2023** through the ZOOM platform.

The members noted and approved the same

K. Srinivasulu
REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

1) Vision and Mission of the Department:

BOS Members approved the proposed Vision and Mission of the Department presented in the meeting. **(ANNEXURE-I)**.

2) PEOs, POs, PSOs, and Course Structure of B.A. English with Syllabi with Course Outcomes for the Courses of I B.A. English (Under MBU Regulations).

BOS Members approved the above-proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year B.A.English. **(ANNEXURE II)**. Members have appreciated the efforts of the Chairman and Internal Members of BOS and the Department in framing syllabi in the best possible way.

3) PEOs, POs, PSOs, and Course Structure of M.A. English Syllabi with Course Outcomes for the Courses of I M.A.English (Under MBU Regulations).

BOS Members approved the above-proposed Course Structure and Syllabi with Course Outcomes of core courses of 1st year M.A. English **(ANNEXURE-III)**. Members have appreciated the efforts of the Chairman and Internal Members of BOS and the Department in framing syllabi in the best possible way.

In addition, the following suggestions are made for further improvement.

In English Board:

It is suggested to include the following in B.A. ENGLISH

1. In the literature of diaspora, It is suggested to fix one of the texts in each unit
2. In Victorian literature it is suggested to include Ruskin's works in the prose module.
3. In Indian writing in English, it is suggested to include A.K. Ramanujan's River and Nissim Ezekiel's Night of the Scorpion.
4. In the forms of popular fiction, it is suggested to include Henry Fielding's Joseph Andrew's
5. NissimEzekiel: 'Enterprise'to be replaced by 'Night of scorpion' under Indian Writing in English and Mulk Raj Anand: Untouchable to be replaced by 'Coolie', under Indian Writing in English.
6. To include 'Sripada Subramanya Sastri- Attar of Roses' Telugu Short Story under Modern Indian Writing in English Translation.
7. To include 'Treasure Island'by R.L. Stevenson under Literature for Children and Young Adults.
8. To Include Sir Philip Sydney's'An Apology for Poetry' and to remove John Dryden's- An Essay on Dramatic Poesy as this is not period specificof Literature Of Medieval to Renaissance, Shakespeare: Hamlet to be replaced by Julius Caesar.
9. Charles Dickens: A Tale of Two Cities to be replaced by Sir Walter Scott – Ivanhoe Under Forms of Popular Fiction.
- 10.To include language theories under Linguistic Proficiency.
- 11.To include Alfred Lord Tennyson: Tithonus, Robert Browning: Last Ride Together, G. M. Hopkins: The Windhover, Mathew Arnold- Sweetness And Light, John Ruskin: Sesame And Lilies Lecture - III, Emily Bronte - Wuthering Heights Under Victorian Literature.

12. To include Edgar Allan Poe - The Raven, Emily Dickenson-1) Because I could Not Stop for Death 2) I Taste a Liquor Never Brewed, Robert Frost* - 1) The Road Not Taken 2) Stopping by Woods on a Snowy Evening under module 1, Tennessee Williams -A Street Car Named Desire, Arthur Miller - Death of a Salesman under American Literature.

It is suggested to include the following in M.A. ENGLISH

1. In English for Academic purposes, it is suggested to include subject-verb agreement
2. In poetry from Chaucer to Milton, it is suggested to include Milton's text in the 5th module.
3. In Elizabethan drama, it is suggested to replace Macbeth with Othello.
4. In Shakespeare, it is suggested to replace King Lear with The Tempest.
5. To include Short Story Under Basic Concepts in Literature.
6. To include Chaucer's Poetry- Canterbury Tales, John Donne: "The Good Morrow" And "The Canonization" is replaced by Ben Johnson's Poems - (The Oak Tree) Small Poems, "Song: To Celia" (Better Known As "Drink To Me Only With Thine Eyes"), A Celebration Of Charis: I. His Excuse For Loving Under English Literature from Chaucer to Elizabethan Age.
7. To include Coleridge- Biographia Literaria Chapter 12, The Wasteland by T.S Eliot, Waiting for Godot Play- Samuel Beckett, Under Study Of The History of English Literature.
8. To include Milton- Lysidas, John Donne - A Valediction: Forbidding Mourning', Tempest Or Winters Tale, Ben Jonson - Volpone; Or, The Fox to be removed under Jacobean Era to Neoclassical Age.
9. To include William Wordsworth: "Ode On The Intimations Of Immortality, Charles Lamb: Dream Children, Dissertation Of A Roast Pig, Old China Under Romantic and Victorian Ages.
10. To include Word Formation under Introduction To Linguistics.

Meeting concluded with thanks to the Member



Dr. C. Raghavendra Reddy
BOS_Chairman
Languages and Social Sciences



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2nd MEETING OF BOARD OF STUDIES

IN MANAGEMENT

24th June 2023 (Saturday) 11:00 AM

(Online Mode)

AGENDA

1. Revised Course Structure of B.B.A. General; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
2. Revised Course Structure of B.B.A with specialization in E-Commerce and Supply Chain Management I; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
3. Revised Course Structure of B.B.A with specialization in Financial Technology; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
4. Revised Course Structure of B.B.A with specialization in Business Analytics; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
5. Revised Course Structure of B.B.A with specialization in Digital Marketing; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations)
6. Revised Course Structure of M.B.A.General (Dual Specialisation); and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
7. Revised Course Structure of M.B.A with specialization in Business Analytics; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
8. Revised Course Structure of M.B.A with specialization in Digital Transformation; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
9. Revised Course Structure of M.B.A with specialization in International Business; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
10. Revised Course Structure of M.B.A with specialization in Logistics and Supply Chain Management; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).


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11. Revised Course Structure of Bachelor of Hotel Management and Catering Technology (B.H.M.C.T); and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
12. Action Taken Report of the previous meeting
13. Approval of Courses offered to other Departments
14. Any other Item

M. N. Babu

DR.M. NARESH BABU

CHAIRMAN
BOS in Dept. of Management

K. Sreedhar

REGISTRAR
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MINUTES OF MEETING

Agenda for 2nd Meeting of Board of Studies in Dept. of Management

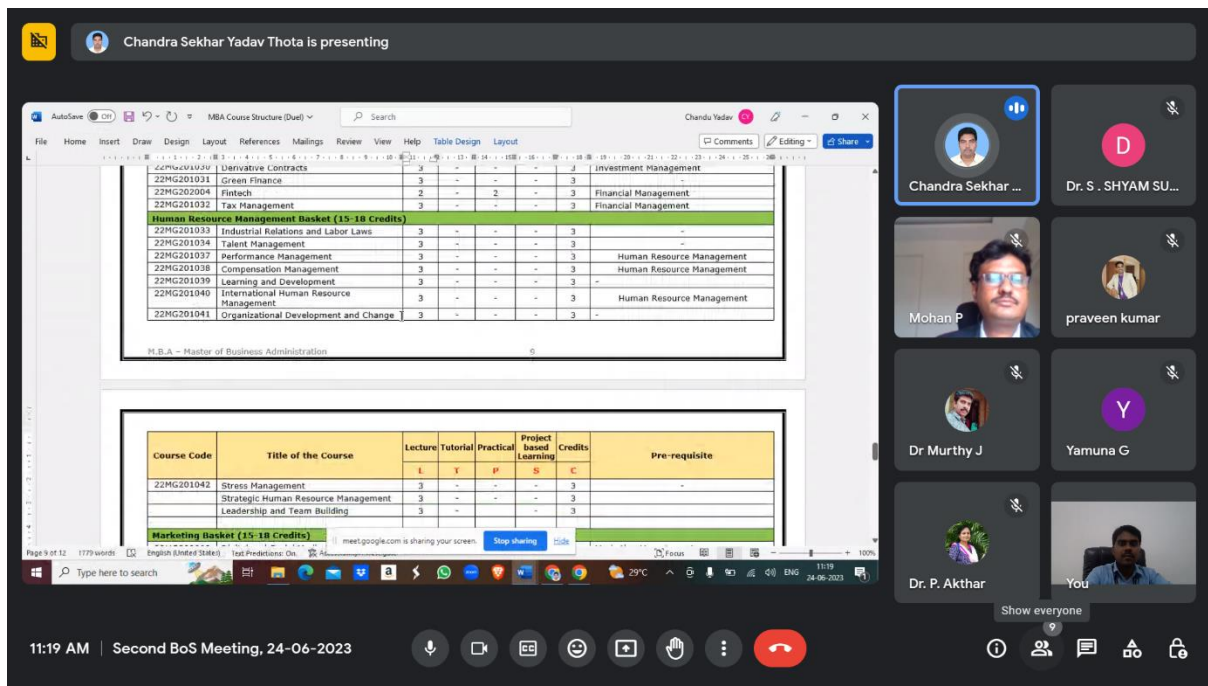
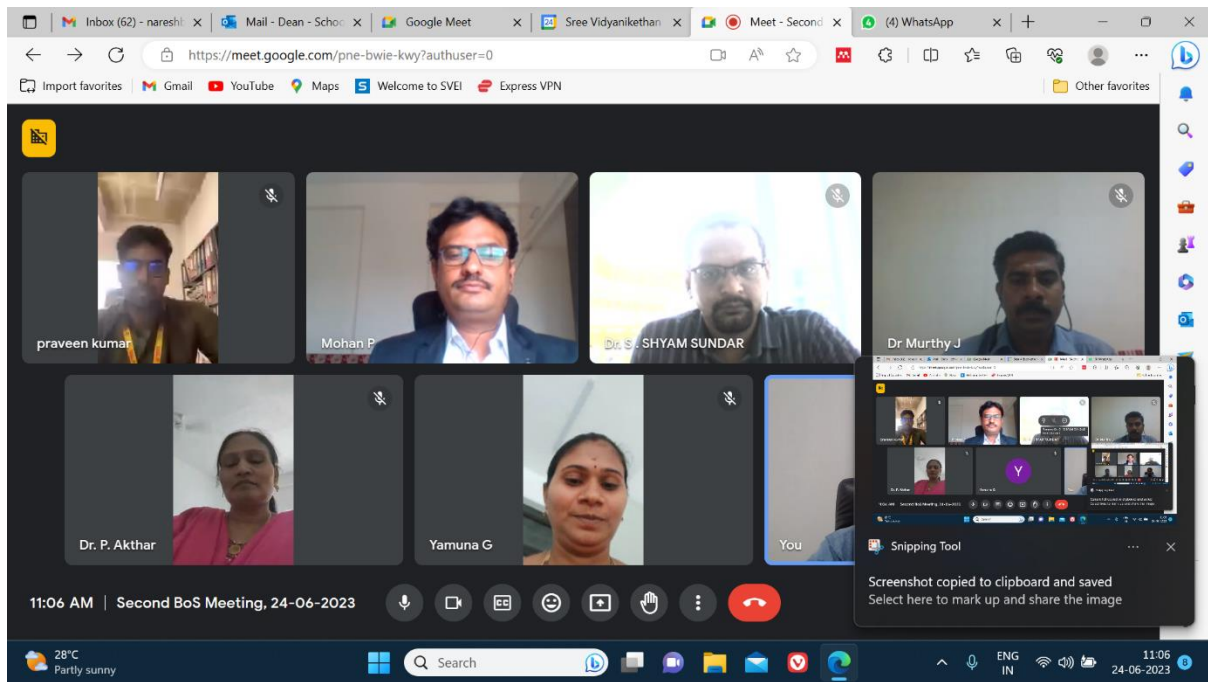
for UG and PG

on 24.06.2023 at 11:00 AM

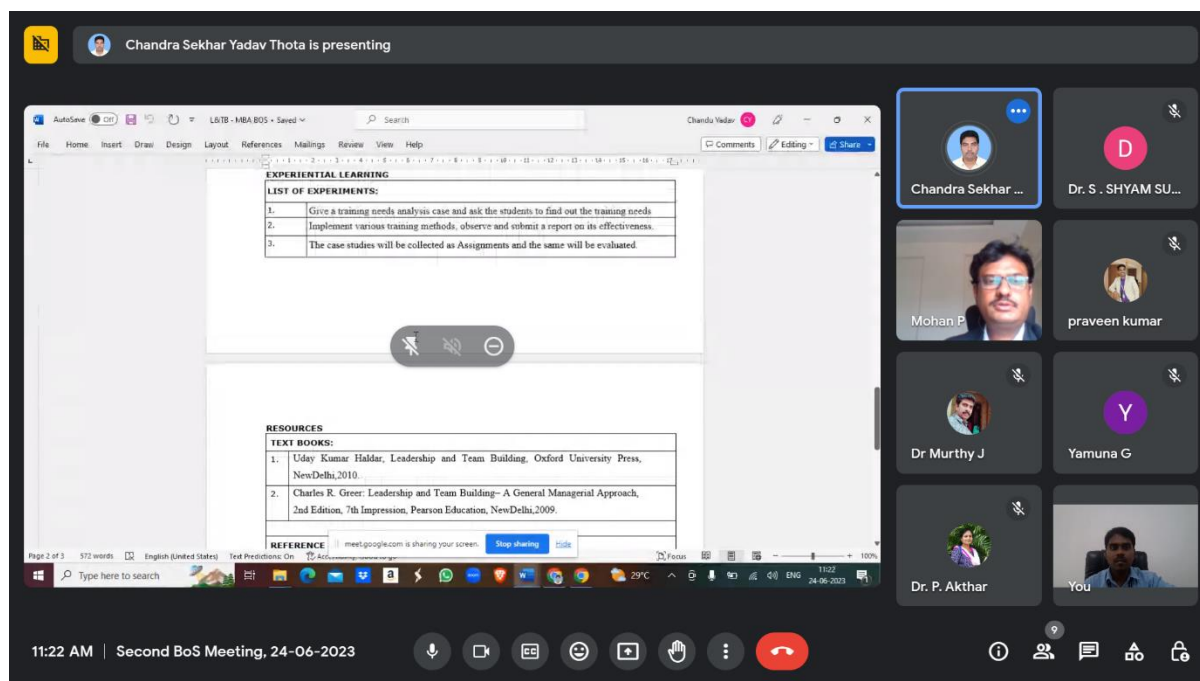
Members Present:

S. No.	Name of the Member	Designation	Present/Absent
1.	Dr. M. Naresh Babu Associate Professor & BoS Chairman	Chairman, BOS	Present
2.	Mr. P. Mohan Sr. Data Scientist Tech Mahindra Pvt Ltd Hyderabad - 500081 (Telangana) India	External Member (Industry)	Present
3.	Dr. C. Prabhakar Reddy, Professor and Principal Global Institute of Hotel Management Hyderabad - 500 027	External Member (Special Invitee for BHMCT)(Academia)	Present
4.	Dr. N.Gurunatha Naidu Professor	Internal Member	Present
5.	Dr. J. Murthy Associate Professor	Internal Member	Present
6.	Dr. Akthar Sultan Sr. Assistant Professor	Internal Member	Present
7.	Dr. S. Shyam Sundar Assistant Professor	Internal Member	Present
8.	Dr. G. Yamuna Assistant Professor	Internal Member	Present
9.	Dr.T.Chandra Sekhar Yadav Assistant Professor	Internal Member	Present


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1. Revised Course Structure of B.B.A. General; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).

BOS Members approved the proposed Revised Course Structure of BBA General and Syllabi with Course Outcomes for the management Core Courses other than approved in 1st BoS Meeting, under MBU22 Regulations (ANNEXURE-I). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of other courses of BBA General in Management. In addition, the following suggestions are made for further improvement.

1. Suggested to minimise the advanced courses.
2. Suggested to include new course on Sustainable business Practice
3. Suggested to plan and conduct Faculty Development Programs on emerging subjects
4. Suggested to conduct more number of Expert lectures from industry
5. Suggested to include Case Studies with visual explanation in the syllabi to gain practical knowledge
6. Suggested to include seminar course but the same course is given experiential learning activity

2. Revised Course Structure of B.B.A with specialization in E-Commerce and Supply Chain Management I; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).

BOS Members approved the proposed Revised Course Structure of BBA with specialization in E-Commerce and Supply Chain Management and Syllabi with Course Outcomes for the Core Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations) (ANNEXURE-II). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way

3. Revised Course Structure of B.B.A with specialization in Financial Technology; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).

BOS Members approved the proposed Revised Course Structure of BBA with specialization in Financial Technology and Syllabi with Course Outcomes for the Core Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations) (ANNEXURE-II). Members have

appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way

4. Revised Course Structure of B.B.A with specialization in Business Analytics; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).

BOS Members approved the proposed Revised Course Structure of BBA with specialization in Business Analytics and Syllabi with Course Outcomes for the Core Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations) (**ANNEXURE-II**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way

5. Revised Course Structure of B.B.A with specialization in Digital Marketing; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations)

BOS Members approved the proposed Revised Course Structure of BBA with specialization in Digital Marketing and Syllabi with Course Outcomes for the Core Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations) (**ANNEXURE-II**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way

6. Revised Course Structure of M.B.A. General (Dual Specialisation); and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).

BOS Members approved the proposed Revised Course Structure of MBA General (Dual Specialisation) and Syllabi with Course Outcomes for the management Core Courses other than approved in 1st BoS Meeting, under MBU22 Regulations (ANNEXURE-III). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of other courses of MBA General (Dual Specialisation) in Management. In addition, the following suggestions are made for further improvement.

1. Suggested to add some of the advanced courses.
2. Suggested to include new course on Sustainable business Practice
3. Suggested to conduct more number of Expert lectures from industry
4. Suggested to include Case Studies with visual explanation in the syllabi to gain practical knowledge

7. Revised Course Structure of M.B.A with specialization in Business Analytics; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).

BOS Members approved the proposed Revised Course Structure of MBA with Business Analytics Specialisation and Syllabi with Course Outcomes for the management Core Courses other than approved in 1st BoS Meeting, under MBU22 Regulations (ANNEXURE-III). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of other courses of MBA with Business Analytics Specialisation in Management. In addition, the following suggestions are made for further improvement.

1. Suggested modifications in data visualization courses .
2. Suggested to include new course on Python and Excel
3. Suggested to include more case studies with data set for hands on experience in R and Python
4. Suggested to include a separate chapter on case studies in each course

8. Revised Course Structure of M.B.A with specialization in Digital Transformation; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).

BOS Members approved the proposed Revised Course Structure of MBA with specialization in Digital Transformation and Syllabi with Course Outcomes for the Core Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations) **(ANNEXURE-III)**. Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way

9. Revised Course Structure of M.B.A with specialization in International Business; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).

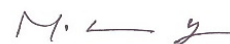
BOS Members approved the proposed Revised Course Structure of MBA with specialization in International Business and Syllabi with Course Outcomes for the Core Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations) **(ANNEXURE-III)**. Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way

10. Revised Course Structure of M.B.A with specialization in Logistics and Supply Chain Management; and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).

BOS Members approved the proposed Revised Course Structure of MBA with specialization in Logistics and Supply Chain Management and Syllabi with Course Outcomes for the Core Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations) **(ANNEXURE-III)**. Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way

11. Revised Course Structure of Bachelor of Hotel Management and Catering Technology (B.H.M.C.T); and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).

BOS Members approved the proposed Revised Course Structure of Bachelor of Hotel Management and Catering Technology (B.H.M.C.T) and Syllabi with Course Outcomes for the Core Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations) **(ANNEXURE-IV)**. Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way



DR.M. NARESH BABU

CHAIRMAN

BOS in Dept. of Management



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2nd MEETING OF BOARD OF STUDIES

IN COMMERCE

24th June 2023 (Saturday) at 10:45 AM
(Online Mode)

AGENDA

1. Revised Course Structure of B.Com. and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations).
2. Revised Course Structure of B.Com. with specialization in Computer Applications and Syllabi with Course Outcomes for Courses other than approved in the 1st BoS Meeting (Under MBU22 Regulations).
3. Identification of MOOCs Equivalent to the Courses offered under UG Curriculum (MBU22 Regulations).
4. Prepare course structure of B.Com (Hons.) and syllabi with course outcomes for the courses other than those approved in the 1st BOS Meeting (Under MBU22 Regulations).
5. Action Taken Report of the previous meeting.
6. of Courses offered to other Departments.
7. Any other Item.

Dr. D.VENKATESH
BOS CHAIRMAN, COMMERCE

REGISTRAR
MOHAN BABU UNIVERSITY
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MINUTES OF MEETING

Agenda for 2nd Meeting of Board of Studies in dept. of Commerce

for UG

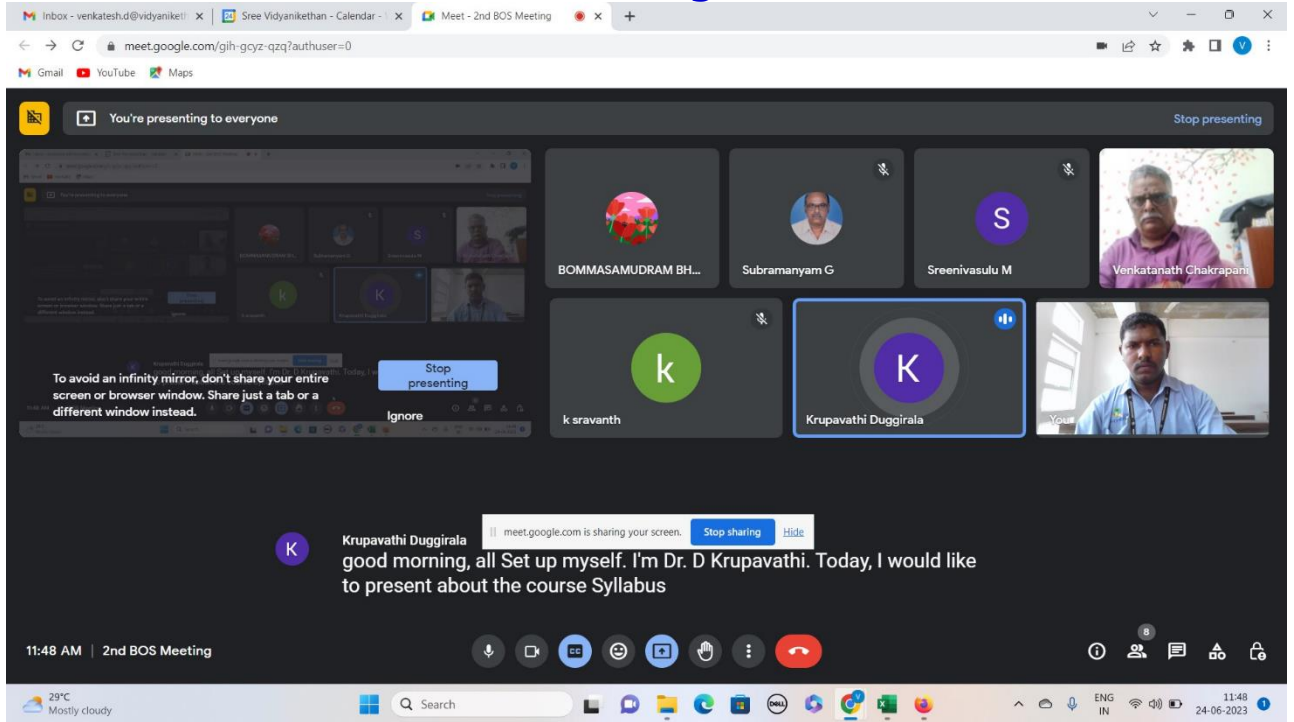
on 24.06.2023 at 10:45 AM

Members Present:

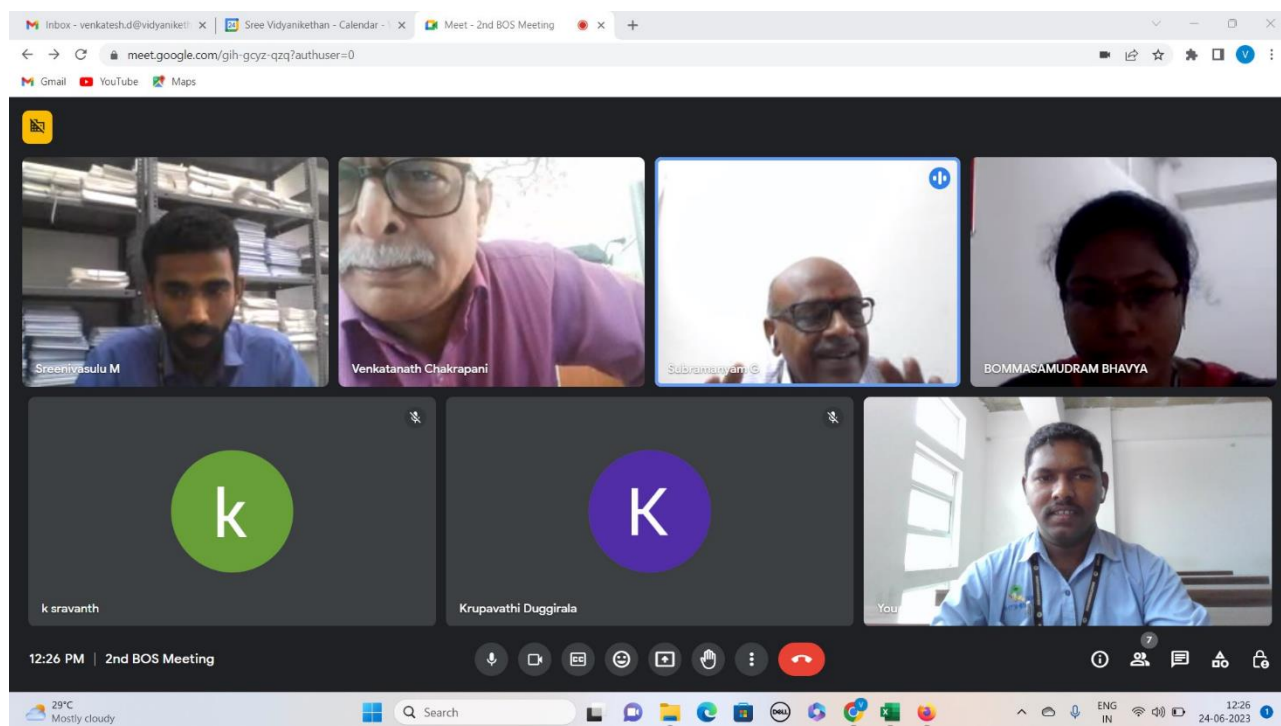
S. No.	Name of the Member	Designation	Present/Absent
1.	Dr. D.Venkatesh Assistant Professor Department of Commerce	Chairman	Present
2.	Prof. V. Appa Rao Professor, School of Commerce and Management, Osmania University, Hyderabad.	External Member (Academia)	Absent
3.	Dr.M.C.Venkatnath Chartered Accountant Venkat Nath Audit Firm, Bhavani Nagar, Tirupati.	External Member (Industry)	Present
4.	Ms.V.Supraja	External Member (Alumni)	Absent
5.	G.Subramanyam Assistant Professor	Internal Member	Present
6.	Dr.D.Krupavathi Assistant Professor	Internal Member	Present
7.	Dr.K.Reddy Sai Sravanth Assistant Professor	Internal Member	Present
8.	Ms.B.Bhavya Assistant Professor	Internal Member	Present


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Screen Shorts of the meeting




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1. Revised Course Structure of B.Com (CA); and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations):

BOS Members approved the proposed Revised Course Structure of B.Com (CA) and Syllabi with Course Outcomes for the B.Com (CA) Core Courses other than approved in the 1st BoS Meeting, under MBU22 Regulations (ANNEXURE-I). Members have appreciated the efforts of the Chairman and Internal Members of BOS and the Department in framing syllabi in the best possible way. Members were apprised of the Syllabi of other courses of B.Com (CA). In addition, the following suggestions are made for further improvement.

1. Suggest to Revise time allocations to each segment or portion of the syllabus
2. Suggested that Koontz and Odonil authored textbook should also be made available
3. Suggested to have a copy of the various committee Reports on Corporate Governance may be kept in the reference section of the department library- encourage the students to read supplementary material- ask them to present a paper on the reading – incentivize the students to read.
4. Suggested to introduce Tally prime- in place of erp-9.
5. Suggested for Guest lectures by experts on the field should be conducted on a weekly basis covering all the subjects over a period of three years- year wise approach should be in place.
6. Suggested that Income tax paper – a relook is required.


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2. Revised Course Structure of B.Com (CA) with specialization in Structural Engineering and Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations):

BOS Members approved the proposed Revised Course Structure of B.Com (CA) Syllabi with Course Outcomes for the Courses other than approved in 1st BoS Meeting (Under MBU22 Regulations) (ANNEXURE-II). Members have appreciated the efforts of the Chairman and Internal Members of BOS and the Department in framing syllabi in the best possible way.

3. Identification of MOOCs Equivalent to the Courses offered under UG Curriculum (MBU22 Regulations):

Resolved to authorize the Chairman, BoS in Commerce to identify and finalize the MOOCs equivalent to the courses offered under the UG curriculum, under MBU22 Regulations, and forward the same to the respective School Dean/ Dean (Academic Affairs) for further action.

4. The BOS Chairman is permitted to make changes in the syllabus in accordance with the latest amendments and requirements.

The meeting concluded with thanks to the Members.



Dr. D.VENKATESH

BOS CHAIRMAN, COMMERCE



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Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

SCHOOL OF PARAMEDICAL, ALLIED, AND HEALTH CARE SCIENCE

Minutes of 2nd Meeting of Board of Studies in the Department of Physiotherapy held on 08.12.2023

The Following Members Attended the Meeting

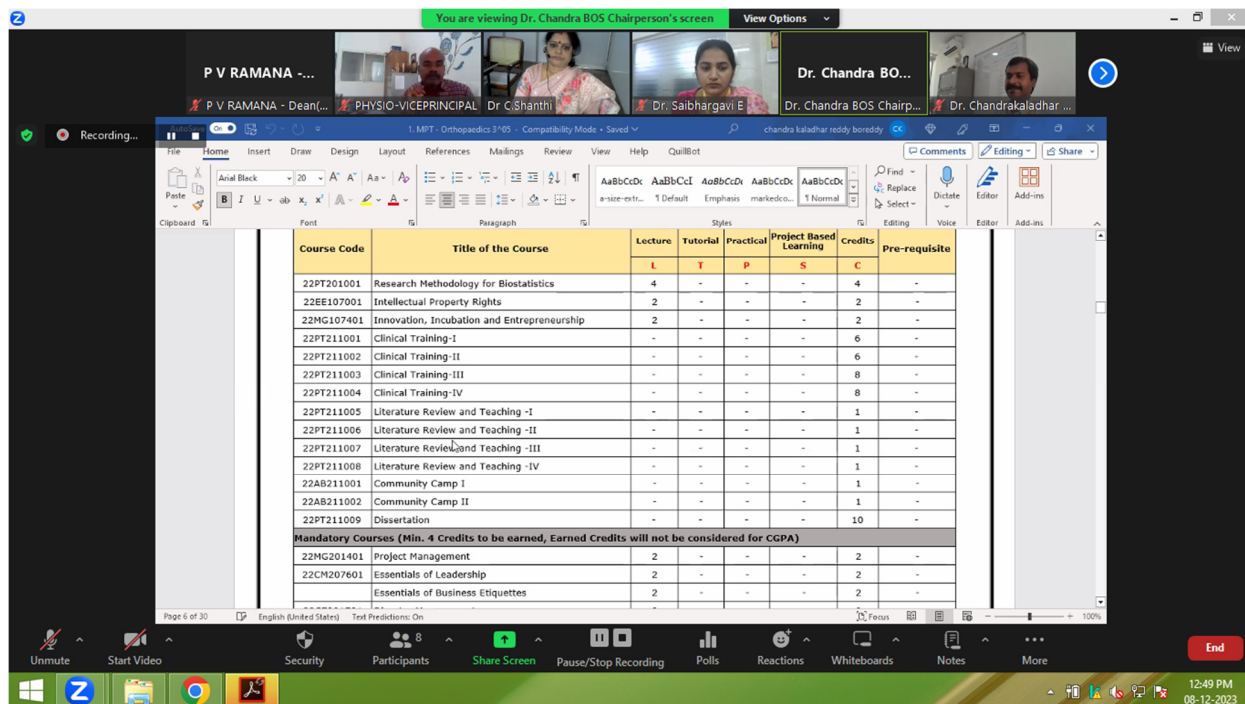
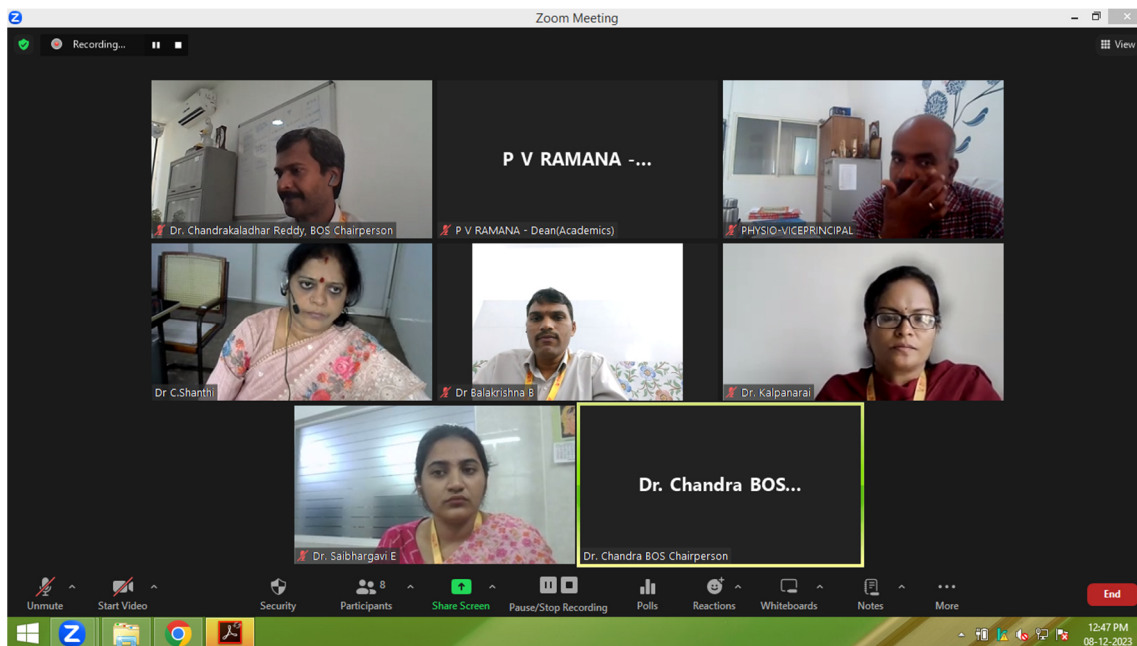
S. No.	Name of the Member	Designation
1.	Dr. B. Chandra Kaladhar Reddy Professor & Head.	Chairman BOS
2.	Dr. K. Madhavi Professor & Principal College of Physiotherapy Sree Venkateswara Institute of Medical Sciences – Tirupathi.	External Member (Academics)
3.	Dr. V. Kiran . Professor & Principal Apollo college of Physiotherapy – Chittor.	External Member (Academics)
4.	Dr. B. Balakrishna Professor Department of Physiotherapy	Internal Member (Academia)
5.	Dr. E. Sai Bhargavi Assistant Professor, Department of Physiotherapy.	Internal Member (Academia)
6.	Dr. V. Kalpana Rai Assistant Professor, Department of Physiotherapy	Internal Member (Academia)

Credentials for Online Attendees

Link: <https://zoom.us/j/9769083542?pwd=aXJhbGZGU3FnOW13RnlUOFVFeEQ1UT09>

Meeting ID : **9769083542**

Passcode : **54321**



K. Sreedhar
REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
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1. Action Taken Report on First Meeting

The BOS Chairperson presented the report on the implementation of the Curriculum of BPT and MPT I & II Semester under MBU22 Academic Regulations during the academic year 2022-23. The members appreciated and ratified the report.

2. Revised Course Structure of B.P.T and corresponding Syllabi up to IV Semester.

The BOS Chairperson presented the Revised Course Structure of B.P.T and Syllabi with course outcomes and corresponding mapping for the courses up to IV Semester.

The members approved the revised course structure, III & IV Semester Syllabus and ratified the implemented II Semester Syllabus.

The following are suggestions were made by the members for the benefit of students

- i. Internship hours shall be increased from 960hrs to 1200hrs within the period (Six Months) as prescribed in the course structure.
- ii. More time can be spent on Clinical Education by offering the same on Saturdays.

3. Ratification of PEO, PO, PSO, and Course Structure and Syllabus of M.P.T programs.

The BOS Chairperson presented PEOs, POs, PSOs, Course Structure and Syllabus of the following MPT programs along with Course outcomes and corresponding Mapping.

- MPT in Orthopaedics
- MPT in Sports
- MPT in Neurology
- MPT in Cardiopulmonary

The members approved and ratified the PEOs, POs, PSOs, Course Structure and Syllabus of MPT programs and appreciated the model followed.

The following are suggestions were made by the members for the benefit of students

- i. More time can be spent on Clinical training.
- ii. preferably to start a hospital for regular Clinical postings and training.
- iii. Suggested a correction in the Course Title Research Methodology for Biostatistics to Biostatistics and Research Methodology in the 1st Semester.

4. Any Other Item

Review the necessity of course Sanskrit under the Mandatory courses. Instead, foreign languages can be introduced.

The members appreciated the approach and efforts taken by the Department for its growth. The meeting concluded with thanks to the Members.


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Dr. B. Chandra Kaladhar Reddy
Chairman, BOS
Department of Physiotherapy



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**Agenda for 2nd meeting of Board of Studies
in
School of Agriculture
28.06.2023 at 11:00 AM to 1:30 PM**

Agenda:

1. Approval of course structure offered to B.Sc. (Hons.) Agriculture from III Semester to VIII Semester.
2. Approval of vision and mission, Program Educational Objectives (PEOs), Program Outcomes (POs), & Program Specific Outcomes (PSOs) for B.Sc. (Hons.) Horticulture.
3. Approval of Course Structure for B.Sc. (Hons.) Horticulture from I Semester to VIII Semester.
4. Any other item.

Dr. R. Gowri Sankara Rao
Chairman BOS,
School of Agriculture

REGISTRAR
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Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



2nd Meeting of Board of Studies for B.Sc. (Hons.) Agriculture and for B.Sc. (Hons.) Horticulture Program on 28.06.2023 at 11:00 am to 01:30 pm
(Online Mode)

MINUTES

Members Present:

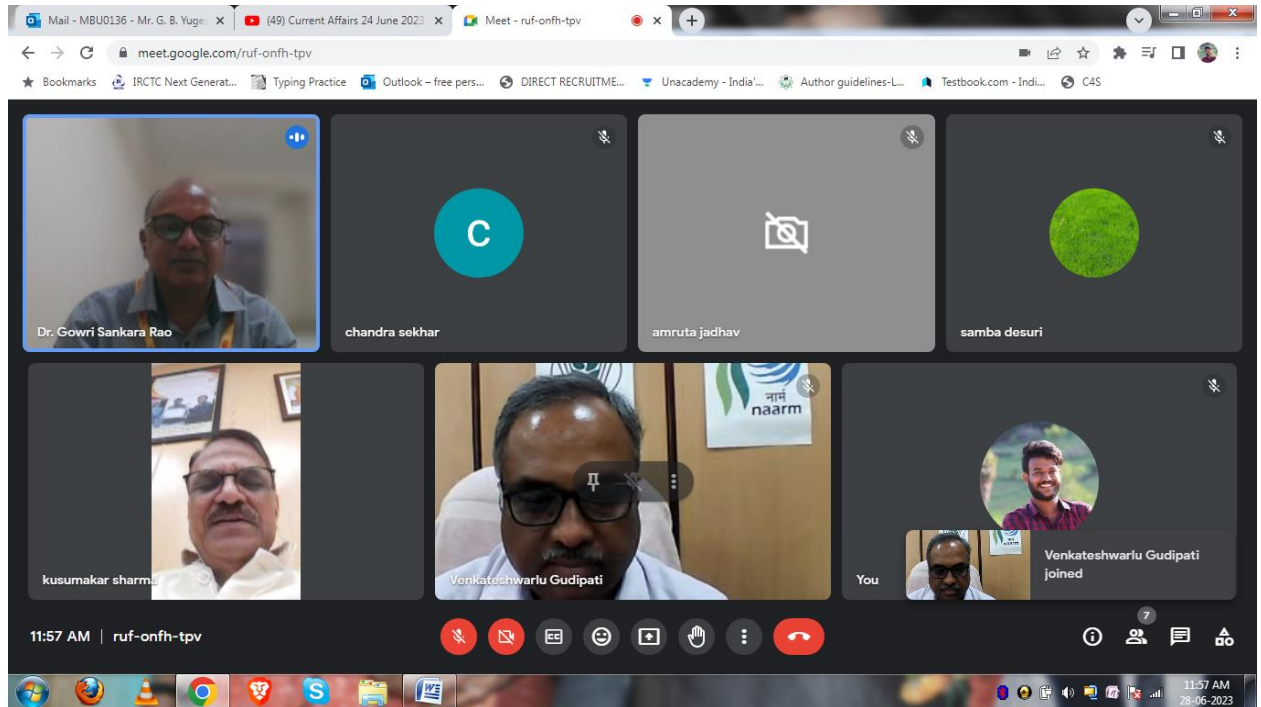
Name of the Member	Designation
Dr. Gowri Sankara Rao	Dean (School of Agriculture)
Dr. Kusumakar Sharma Retd. ADG, ICAR, New Delhi.	External Member (Academia)
Dr. G. Venkateswarulu Joint Director, ICAR, NAARM, Hyderabad.	External Member (Academia)
Dr. Senthil Vinayagam, Principal Scientist, ICAR, NAARM, Hyderabad.	External Member (Academia)
Dr. Samba Siva Rao D Assistant Professor	Internal Member (Academia)
Dr. Chandra Sekhar Assistant Professor	Internal Member (Academia)
Ms. Amrutha Jadav Assistant Professor	Internal Member (Academia)
Mr. Yugesh GB Assistant Professor	Internal Member (Academia)

Zoom Credentials for Online Zoom Meeting

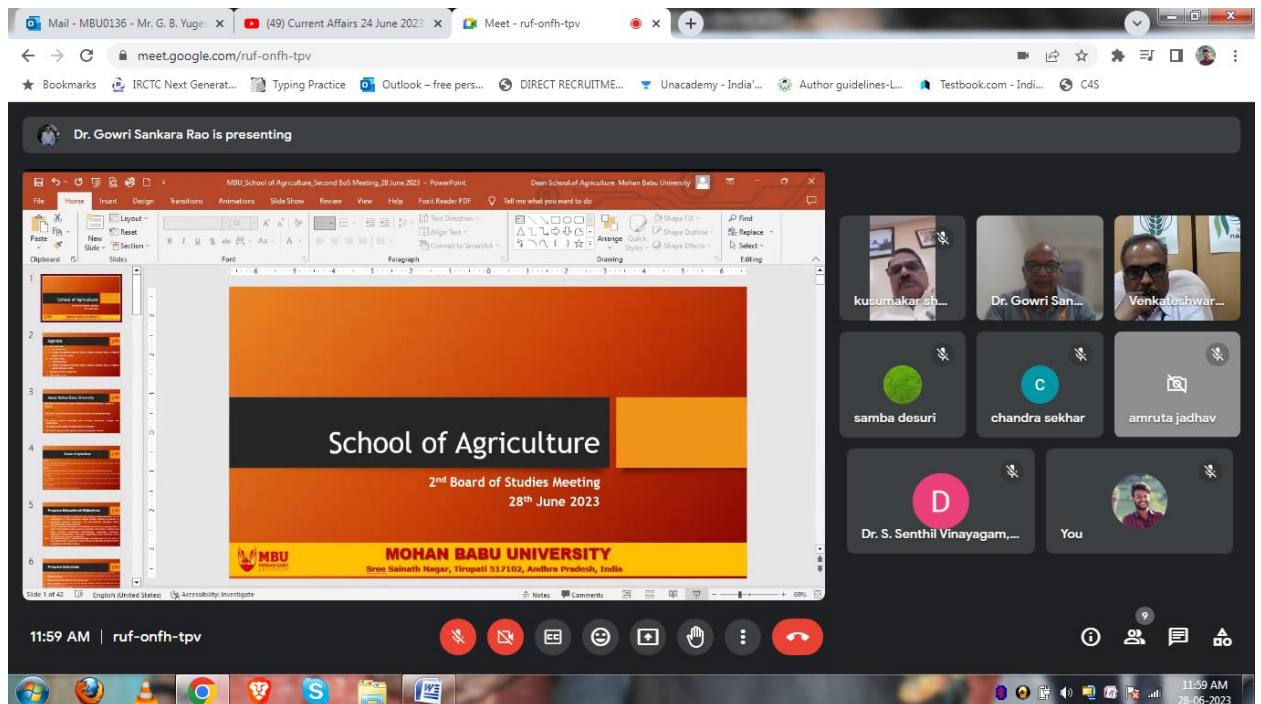
Meeting link: meet.google.com/ruf-onfh-tpv


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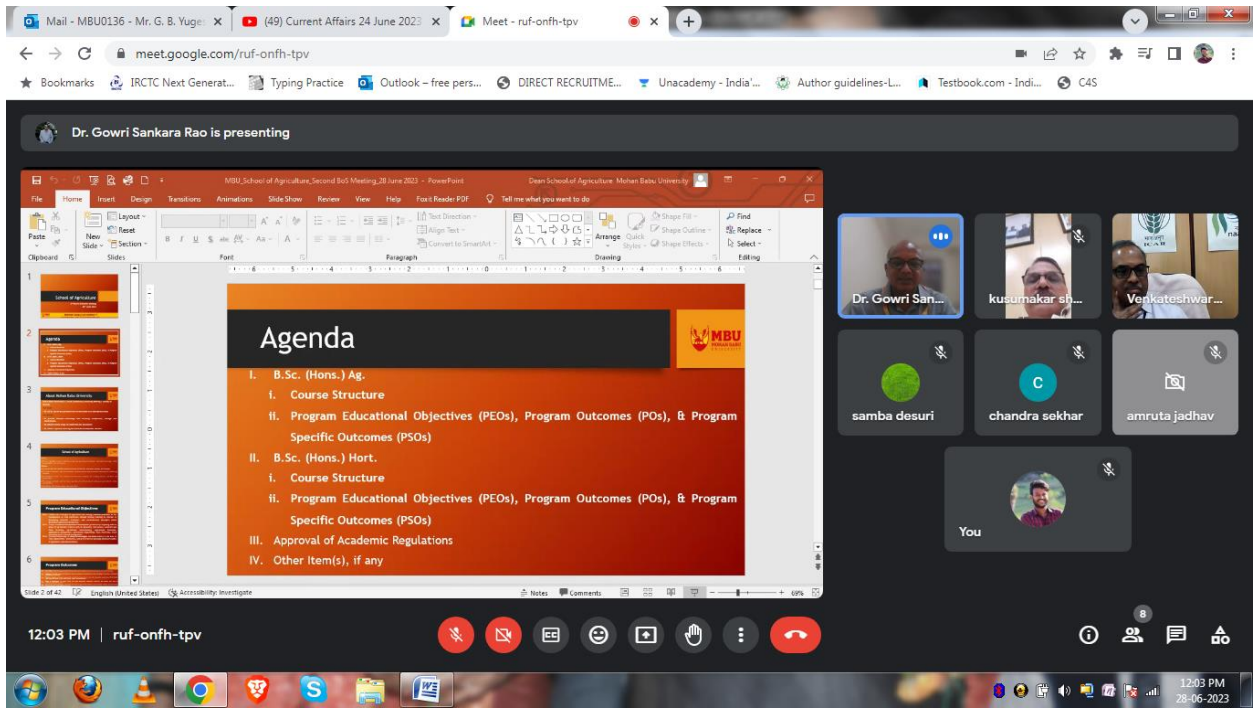
Screenshots of the Meeting



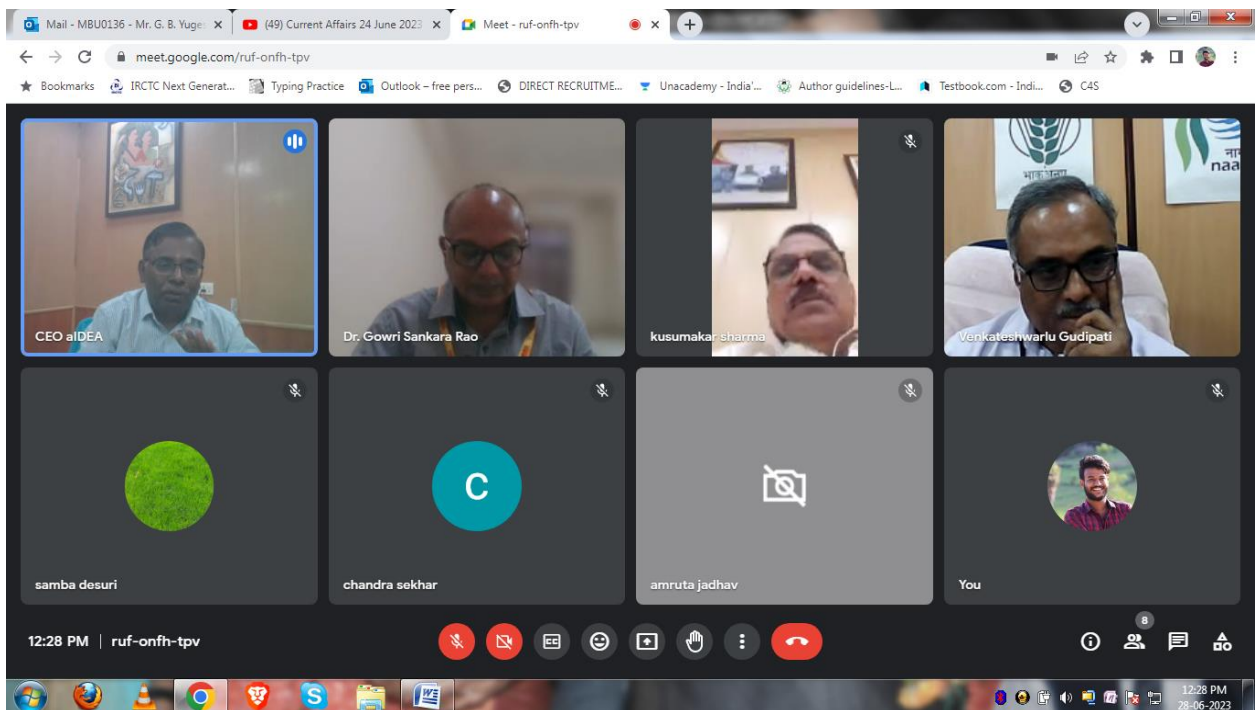
Dr. R. Gowri Sankara Rao, Chairman, BoS, SOA, MBU welcoming the Honorable Members




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Dean – School of Agriculture presenting the Agenda items



Honorable Members presenting their suggestions for the implementation of Best Practices

K. Sankar
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1. Approval of course structure offered to B.Sc. (Hons.) Agriculture from III Semester to VIII Semester

BOS Members approved the proposed course structure for B.Sc. (Hons.) Agriculture from III Semester to VIII Semester
(ANNEXURE-I).

2. Approval of vision and mission, Program Educational Objectives (PEOs), Program Outcomes (POs), & Program Specific Outcomes (PSOs) for B.Sc. (Hons.) Horticulture.

BOS Members approved the proposed vision and mission, Program Educational Objectives (PEOs), Program Outcomes (POs), & Program Specific Outcomes (PSOs) for B.Sc. (Hons.) Horticulture **(ANNEXURE-II).**

3. Approval of Course Structure for B.Sc. (Hons.) Horticulture from I Semester to VIII Semester.

BOS Members approved the proposed Course Structure for B.Sc. (Hons.) Horticulture from I Semester to VIII Semester.
(ANNEXURE-III).

4. Recommendation of Honourable Members.

BoS members approved the proposed Course Structure and syllabi of B.Sc. (Hons.) Ag. and B.Sc. (Hons.) Horti. under MBU Regulations with the following suggestions:

- ❖ Dr. Kusumakar Sharma congratulated and appreciated the work done. He suggested to make students to improve their writing skills, to provide knowledge on writing dissertation, abstract, articles. He suggested to include research experiments in ELP like market survey, field demonstrations, and also to provide good infrastructure (laboratories and farm land with best facilities etc.)
- ❖ Dr. Senthil Vinayagam expressed his pleasure to join the BoS, and appreciated the school for adding few important courses related to animal sciences, physiology and principles of storage. He suggested to orient and train students with field demonstrations, addition of industrial components as a part of curriculum and learning process. He suggested to tie-up with NAARM, NIAM projects, KVKs etc. He also suggested to make students learn by staying in village during their Experiential learning program (ELP) so that the students will come to know the village atmosphere.
- ❖ Dr. Venkateswarulu appreciated the multidisciplinary and interdisciplinary perspectives and efforts of the university. He suggested to arrange a physical BoS meeting at least once in near future for better appraisal and suggestions. He suggested to make students have internships from the start-ups to be good entrepreneurs. He suggested to facilitate hands on training to the students during RAWE program and suggested not to offer any course work during ELP.
- ❖ The meeting ended with vote of thanks by Dr. Gowri Sankara Rao, Chairman, BoS



Dr. Gowri Sankara Rao
Chairman BOS
School of Agriculture


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Andhra Pradesh-517 102



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1ST MEETING OF BOARD OF STUDIES
IN SCHOOL OF PHARMACEUTICAL SCIENCES

28th June 2023 (Wednesday) 11:30 AM
(Online Mode)

AGENDA

1. Vision and Mission of the School of Pharmaceutical Sciences
2. PEOs, POs, PSOs, and Course Structure of B.Pharm; and Syllabi with Course Outcomes for the Courses of IB.Pharm (Under MBU Regulations).
3. PEOs, POs, PSOs, and Course Structure of M.Pharm; and Syllabi with Course Outcomes for the Courses of I M.Pharm with specialization Pharmaceutics (Under MBU Regulations).
4. PEOs, POs, PSOs, and Course Structure of M.Pharm; and Syllabi with Course Outcomes for the Courses of I M.Pharm with specialization Pharmaceutical Analysis (Under MBU Regulations).
5. PEOs, POs, PSOs, and Course Structure of Pharm.D; and Syllabi with Course Outcomes for the Courses of I Pharm D (Under MBU Regulations).
6. PEOs, POs, PSOs, and Course Structure of Pharm.D (Post Baccalaureate); and Syllabi with Course Outcomes for the Courses of I Pharm.D (Under MBU Regulations).
7. Any other Item

Dr. Mallikarjuna B.P
BOS Chairman,
Pharmaceutical Sciences

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**Agenda for the 1st Meeting of Board of Studies in Pharmaceutical Sciences
for UG and PG programmes
on 28.06.2023 at 11:30AM**

MINUTES

Members Present:

S. No.	Name of the Member	Designation
1.	Dr. B.P. Mallikarjuna Dean & Professor MB School of Pharmaceutical Sciences	Chairman
2.	Dr. R. Nagaraju Dean & Professor Institute of Pharmaceutical Technology, Sri Padmavathi Mahila ViswaVidyalayam, Tirupati - 517502, Andhra Pradesh.	External Member (Academia)
3.	Dr. K. Sreedhara RanganathPai Professor & Head Dept of Pharmacology Manipal College of Pharmaceutical Sciences Manipal - 576104, Karnataka	External Member (Academics)
4.	Dr. Ramachandra G. Reddy MD & CFO Glory Pharma Chem. India PVT Ltd, Gajulamandyam, Tirupati	External Member (Industry)
5.	Mr. M. Y. Aneef Deputy Head GLP-QAU in Anthem Bio Sciences, Bangalore	External Member (Alumni)
6.	Dr. V. S. Venkateswara Rao Professor	Internal Member (Academia)
7.	Dr. R. Hari Babu Professor	Internal Member (Academia)
8.	Dr. G. Dharmamoorthy Professor	Internal Member (Academia)
9.	Dr. K. Varalaxmi Associate Professor	Internal Member (Academia)
10.	Dr. Hari. V Associate Professor	Internal Member (Academia)
11.	Mr. M. S. Srikanth Assistant Professor	Internal Member (Academia)
12.	Ms. R. Suseela Assistant Professor	Internal Member (Academia)


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BoS Meeting Members

The screenshot shows a Zoom meeting interface with the following participants and details:

- P V Ramana**: Video on, microphone muted.
- Sreedhar Ranganath Pai**: Video on, microphone muted.
- Srikanth M S**: Video off, represented by a blue circle with the letter 'S'. Microphone muted.
- Nagaraju Ravouru**: Video on, microphone muted.
- HOD PHARMACY PRACTICE**: Video off, represented by a green circle with the letter 'H'. Microphone muted.
- Saradhi K**: Video off, represented by a circular profile picture. Microphone muted.
- glorypharma chem**: Video on, microphone muted.
- 9 others**: Video off, represented by two overlapping circles with letters 'D' and 'S'. Microphone muted.
- You**: Video on, microphone muted. This is the user's own view.

At the bottom of the screen, the meeting title is "Meeting of Board of Studies" and the time is "11:34 AM". The Zoom control bar includes icons for mute, video, chat, reactions, share screen, hand raise, more options, and end meeting. A notification for 17 unread messages is visible in the top right corner of the control bar.

K. Sreedhar
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1. Vision and Mission of the Department:

BOS Members approved the proposed Vision and Mission of the Department with the following suggestions (**ANNEXURE-I**).

To align with the university's vision statement for excellence in pharmaceutical sciences, the BOS members have suggested revising the sentence as "To emerge as a renowned global school of excellence in pharmaceutical sciences, committed to improving global health and well-being through education, research, innovations, and collaborations." This revision highlights the university's commitment to becoming a recognized leader in the field while emphasizing the importance of improving global health and well-being.

2. PEOs, POs, PSOs, and Course Structure of B.Pharm; and Syllabi with Course Outcomes for the Courses of I B.Pharm (Under MBU Regulations):

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of Pharmaceutical Sciences courses of I B.Pharm. Pharmacy under MBU Regulations (**ANNEXURE-II**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. In addition, the following suggestions are made for further improvement.

1. To strictly adhere and follow the PCI Course Structure and Syllabi.
2. Suggested to reduce program outcomes and to following blooms taxonomy method.

These suggestions aim to ensure compliance with the guidelines set by the Pharmacy Council of India (PCI) and to enhance the effectiveness of the course outcomes by aligning them with the Bloom's taxonomy method, which focuses on different levels of cognitive learning. These suggestions will contribute to the continuous improvement of the course structure and syllabi for the benefit of the students and the field of pharmaceutical sciences.

3. PEOs, POs, PSOs, and Course Structure of M.Pharm; and Syllabi with Course Outcomes for the Courses of I M.Pharm with specialization Pharmaceutics (Under MBU Regulations).

The External BOS Experts suggested modifying the courses in terms of leaders, pioneers, and medicine. Additionally, they recommended changing the sentence in the courses for the allotment of lecture "hours" instead of periods. No changes are required in the first year, first semester subjects. However, modifications are needed in the second semester subjects by introducing recent topics of current interest. The corrections have been made in the syllabi (**Annexure - III**).

4. PEOs, POs, PSOs, and Course Structure of M.Pharm; and Syllabi with Course Outcomes for the Courses of I M.Pharm with specialization Pharmaceutical analysis (Under MBU Regulations).

The BOS members have suggested revising the subject Modern pharmaceutical Analysis (common paper) in module-5 & CO5 mapping. The corrections were made accordingly in **Annexure - IV**

5. PEOs, POs, PSOs, and Course Structure of Pharm.D; and Syllabi with Course Outcomes for the Courses of I Pharm D (Under MBU Regulations).

BOS Members approved the proposed Course Structure, Syllabi with Course Outcomes of pharmaceutical sciences courses of I Pharm.D MBU Regulations. The External BOS Experts suggested and recommended to apply credits to the subjects of the Pharm.D course and revise the syllabus in alignment with the Pharmacy Council of India (PCI) guidelines. The corrections have been made accordingly in the syllabi and revised syllabus **Annexure - V**.

6. PEOs, POs, PSOs, and Course Structure of Pharm.D (Post Baccalaureate); and Syllabi with Course Outcomes for the Courses of I Pharm.D (Under MBU Regulations).


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The board members suggested implementing credits for the Pharm.D (P.B) course and revising the syllabus according to the Pharmacy Council of India (PCI) guidelines, Credits were given to the subjects of Pharm.D (P.B) course and revised the syllabus as per the PCI
Annexure - VI.

7. Any other Item

Meeting concluded with thanks to the Members.



Dr. Mallikarjuna B.P
BoS Chairman
Pharmaceutical Sciences



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No. MBU/DA/Circulars/2022-23/01

08.07.2022

GUIDELINES FOR THE CONSTITUTION OF
BOARD OF STUDIES (BOS)

The following guidelines shall be strictly followed while constituting the BOS of various Departments of the Schools under Mohan Babu University (MBU)


1. There shall be one Board of Studies for each Department of the School.
2. The Dean of the School/ Head of the Department shall be the Chairperson.
3. Maximum Two/Three Professors, Two Associate Professors, Two Assistant Professors of the School/Department by rotation of seniority shall be the internal members.
4. Two Experts one from Academia and one from Industry shall be co-opted as the external members.
5. One Alumni as an external member.
6. Optional: One special invitee to be co-opted as an external member if it is essential to have expertise in a specific knowledge area.

DEAN (ACADEMICS)**VICE CHANCELLOR**

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Annexure – 16.a

Information about the Research Labs & Major Equipment's List :

S.No.	Name of the Centre	Description	Photo	Outcomes
1.	MEMS Research Centre (NMDC)	<p>The Centre motivates the research activity in the field of MEMS by proper utilization of the facilities provided by NPMASS from design to fabrication of prototype MEMS products and specific field applications. NMDC is equipped with licensed software such as COVENTOR MEMS+, Intellisuite and COMSOL under National Program on Micro and Smart Systems (NPMASS). The Centre focuses on design, model and fabrication of the MEMS/NEMS devices. Nano electronics lab of the centre has the materials depositing units (PVD and spin-coater), digital annealing unit and VI analyser for device fabrication.</p> <p>S/w and H/w available:</p> <ul style="list-style-type: none"> • OmniCant (Hardware Equipment) for Characterization • Hind HIVAC deposition unit • Digiquil Vacuum/Tabular Furnace • Heater With Magnetic Bit • Chemical Bench • Spectrospin Spin coater • Thickness monitor unit 		<ul style="list-style-type: none"> • Development of Novel MEMS Devices: The center has successfully developed and prototyped several novel MEMS devices. These devices are characterized by their miniaturization, low power consumption, and high precision, enabling applications in various industries such as healthcare, aerospace, and telecommunications. • Enhanced Sensing and Actuation Capabilities: The research center has made remarkable progress in improving the sensing and actuation capabilities of MEMS devices. By integrating advanced materials, innovative fabrication techniques, and state-of-the-art sensors, the center has achieved enhanced performance, sensitivity, and reliability in MEMS-based sensors and actuators. • Integration of MEMS with Other Technologies: The center has focused on integrating MEMS with other technologies to unlock new functionalities and applications. This includes the integration of MEMS with microelectronics, nanotechnology, and



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wireless communication, leading to the development of smart systems and Internet of Things (IoT) devices.

- **Miniaturization and Power Efficiency:** One of the main objectives of the center is to further miniaturize MEMS devices while maintaining or improving their performance. Through advancements in microfabrication techniques and optimization of device designs, the research center has successfully reduced the size and power consumption of MEMS devices, making them suitable for portable and wearable applications.
- **Biomedical Applications:** The MEMS Research Centre has dedicated efforts to explore and develop MEMS-based devices for biomedical applications. This includes the development of bio-sensing platforms, lab-on-a-chip systems, implantable devices, and microfluidic devices for diagnostics, drug delivery, and monitoring of physiological parameters.
- **Collaboration and Industry Partnerships:** The center actively collaborates with industry partners, research institutions, and governmental organizations to accelerate the translation of MEMS research into real-world applications. These partnerships facilitate technology

W. Sreedhar

				<p>transfer, commercialization of MEMS devices, and the development of practical solutions to address industry-specific challenges.</p>
<p>2.</p>	<p>Micromachining Research Centre</p>	<p>The Micromachining Research Centre at Mohan Babu University is a dedicated facility focused on advancing the field of micromachining. Through cutting-edge research and collaboration, the center explores innovative techniques and technologies for precise fabrication and machining at the microscale, enabling breakthroughs in various industries and applications.</p> <ul style="list-style-type: none"> • Molybdenum Reusable Wire Electrical Discharge Machine • Inverted Optical Microscope • Digital Profilometry 	 <p>Wire EDM Machine</p>  <p>Metallurgical Microscope</p>	<ul style="list-style-type: none"> •



Profile Projector



Micromachining Research Lab


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			 <p style="text-align: center;">Wire EDM Micromachine</p>	
3.	Centre for Communication s & Signal Processing	<p>The Center for Communications and Signal Processing (CCSP) is dedicated to advancing the fields of communications and signal processing. Known for its exceptional research capabilities, CCSP focuses on developing ground breaking solutions to enhance communication systems and optimize signal processing techniques. With a team of highly skilled researchers and cutting-edge facilities, the centre actively collaborates with industry partners and academic institutions to address industry challenges and explore emerging trends. Through its innovative research efforts, CCSP aims to drive</p>		<ul style="list-style-type: none"> • Development of advanced signal processing algorithms for enhanced communication systems. • Design and implementation of innovative communication protocols for improved data transmission. • Contribution to the field of wireless communication through novel antenna designs. • Research and development of cutting-edge signal processing techniques for efficient signal extraction and analysis. • Collaboration with industry partners to translate research findings into practical applications for real-world communication systems.

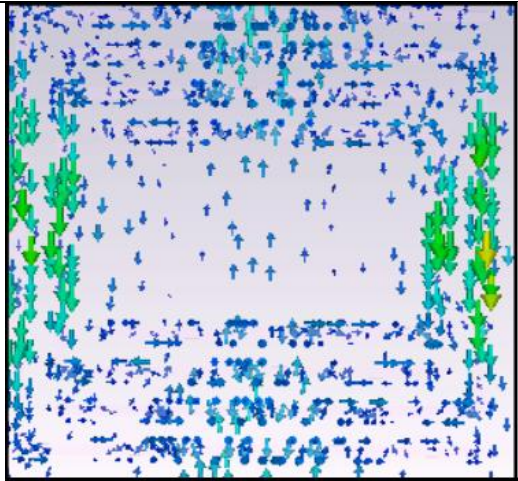
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technological advancements, enabling faster, more reliable, and efficient communication networks while pushing the boundaries of signal processing algorithms.



- EMI/EMC Setup
 - Spectrum analyser with tracking generator-3GHz
 - Spectrum analyser – 500 MHz
 - Function / Arbitrary Waveform generator – 50 MHz
 - Dual wavelength fiber optic laser source and detector module, fiber optic passive component module, single mode fiber optic cable module and chromatic dispersion module
 - FOL – CWDM: DWDM and BRAGG grating module
 - MATLAB tool boxes
 - OPTSIM & MODESYS
- FEKO SUITE 7.0: Antenna Design & Simulation Software (R & D License 05 Users)



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4.	Centre for VLSI & Embedded Systems	<p>The Research Centre aims to engage faculties, researchers, and students in the latest research works and technologies through project involvement and collaboration with industries. Currently, center is actively engaging in research and development in the field of Low Power CMOS VLSI Design, Circuit and Device Modelling in VLSI Applications, Network on Chip, Energy Harvesting Applications, Wearable Devices, Sensors in Medical and Environmental Applications, Error Mitigation in High Density Memories, Remote Sensing, IOT Application, and other related areas.</p> <p>S/w and H/w available</p> <ul style="list-style-type: none"> • Mentor Graphics • Xilinx ISE • Xilinx VIVADO • Advanced FPGA Boards • OrCAD SPICE • Micro wind 	 <p>Current distribution plot at 3.045 THz.</p>	<ul style="list-style-type: none"> • Developed innovative low-power VLSI designs for energy-efficient electronic devices. • Produced research publications in top-tier conferences and journals, contributing to the academic community. • Collaborated with industry partners to transfer technology and implement real-world applications. • Trained and produced highly skilled engineers specialized in VLSI and embedded systems. • Secured research grants and funding for further advancements in the field.
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<p>5.</p>	<p>Centre for Intelligent Computing</p>	<p>The Centre for Intelligent Computing is a research center located at Mohan Babu University. The Intelligent Computing Research Centre is focused on the development of Intelligent Computing algorithms and models for solving real world problems. The members are actively working in the area of Intelligent Computing and its related research fields like Computer Vision, Image/Speech/Video Processing, Medical Image Processing, Natural language Processing and Smart applications, etc., The Research Centre has essential infrastructure to conduct independent and interdisciplinary Research.</p> <ul style="list-style-type: none"> • Computers: 65 • Configuration: LENOVO, I5 Processor, 8 GB • RAM, 1 TB, HDD, Monitors • Server: 01 • Power Edge R70-DELL • Server Rack-17U • CPU-2X Intel Xeon Silver 4214 2.2 G • RAM-8X32GB RDIMM • HDD 2X1.2 TB 10K RPM SAS 12Gbps • GPU-2X NVIDIA Tesla P4 8GB GPU • RAID-Controller-1 		<ul style="list-style-type: none"> • Advanced Algorithms: The research centre has developed cutting-edge algorithms for various domains, including machine learning, natural language processing, and computer vision. • Industry Collaborations: The centre has established collaborations with leading industries, fostering technology transfer and facilitating the implementation of intelligent computing solutions in real-world applications. • Publications and Conferences: Researchers at the centre have published numerous papers in reputable journals and presented their work at international conferences, contributing to the advancement of the field. • Student Engagement: The centre actively engages students in research activities, providing them with opportunities to work on challenging projects and gain hands-on experience in intelligent computing. • Technological Innovations: The centre has produced several innovative technologies, such as intelligent systems for automated decision-making, intelligent data analytics tools, and intelligent robotics solutions, with potential applications across various
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				<p>industries.</p>
<p>6.</p>	<p>Applied Renewable Energy Research Lab</p>	<p>The Applied Renewable Energy Research Lab at Mohan Babu University is a dedicated facility focused on advancing research and development in the field of energy. It aims to explore innovative technologies, sustainable energy sources, and promote energy efficiency to address the growing energy challenges of today's world. Research lab is equipped with</p> <ul style="list-style-type: none"> • Power Quality Analyzer, • Programmable AC & DC Electronic 		<ul style="list-style-type: none"> • Renewable Energy Technologies: The center has made significant contributions in developing and implementing renewable energy technologies such as solar power, wind energy, and biomass utilization. • Energy Efficiency Solutions: Researchers have focused on enhancing energy efficiency in various sectors, including buildings, transportation, and industrial processes, leading to reduced energy consumption

		<p>Load, Digital Storage Oscilloscope and MATLAB/SIMULINK Software.</p> <ul style="list-style-type: none"> • Solar Irradiance Sensor, • Solar Cell I-V Characteristics Kit, • Solar Spectrum Analyzer, • 1 kW Grid Tied Inverter system, • Solar Home UPS System, <p>Different types of PV modules which includes: High efficient Maxeon Solar PV panel;</p> <ul style="list-style-type: none"> • PERC PV panel; • Mono and Poly Crystalline PV panels; Amorphous Silicon, • Cadmium Telluride and Copper Indium Gallium Selenide Solar Panels. 		<p>and lower carbon emissions.</p> <ul style="list-style-type: none"> • Policy Development: The center has actively participated in policy discussions and provided valuable insights to shape energy policies at regional and national levels, promoting sustainable energy practices. • Knowledge Dissemination: Through workshops, seminars, and publications the center has disseminated knowledge on energy-related topics, empowering students, professionals, and the wider community. • Industry Collaborations: The center has established partnerships with industry stakeholders, fostering collaborations to facilitate technology transfer, commercialization of innovations, and the development of sustainable energy solutions.
7.	Computer Networks and Cyber Security Research Center	<p>The Computer Networks and Cyber security Research Centre at Mohan Babu University is a dedicated facility that conducts innovative studies in the fields of computer networks and cyber security. Its primary focus is on the development of advanced technologies and strategies for protecting information systems, detecting threats, and improving network performance and security.</p> <p>Desktop Systems (34 No.s)</p>		<ul style="list-style-type: none"> • Improved network security: The research center at Mohan Babu University has contributed to the development of advanced techniques and strategies to enhance network security, safeguarding sensitive data from cyber threats. • Cyber security awareness: The center's initiatives have raised awareness about cyber security among students, faculty, and the community, promoting best practices and responsible digital



	<p>Details of Configuration:</p> <ul style="list-style-type: none"> • Lenovo Desktop MT10NLBU ThinkFMV520-151K • Lenevo Desktop MTYSORRU ThinkCentre Neo50s Gen3 • Intel ® Core ™ i3-7100 CPU@3.90 GHZ • Intel ® Core ™ i5-12400 CPU@2.5 GHZ, 6 Core, 12 Logical Processors • DDR4 12 GB RAM • 1 TB Hard disk • 64-bit OS with Windows 10 Pro • Intel i5 – 7th Generation 3 GHZ Processor • Lenovo 3102 Model Motherboard • DDR4 12 GB RAM • 1 TB Seagate-Blue hard disk <p>19.5 inch TFT LCD Monitor</p> <ul style="list-style-type: none"> • Python 3.5.1 • R-Studio 1.1.423 • XAMPP 5.6 • Weka 3.8.1 • Oracle 10.2.1015 • Android Studio 1.0 • Mongo Database 3.2 • Argo UML 0.34 • R 3.5.0 • Apache Tomcat 7.0 • Java 8.0 		<p>behavior.</p> <ul style="list-style-type: none"> • Advanced threat detection: Through innovative research, the center has developed sophisticated tools and methodologies for detecting and mitigating cyber threats, helping organizations proactively safeguard their networks. • Industry collaboration: The research center actively collaborates with industry partners, fostering mutually beneficial relationships and facilitating the transfer of knowledge and technology for practical cyber security applications. • Research publications: The center's researchers have published numerous papers in reputable conferences and journals, contributing to the global body of knowledge in computer networks and cyber security and inspiring further advancements in the field.
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		<ul style="list-style-type: none"> • Eclipse Java IDE 4.7.3a • BOSS Linux 3.14 • Anaconda 5.2 • TensorFlow 1.9 • Keras 2.2.0 • DeePy 0.2.1 • Gensim 0.13.4 • PyML 7.3 • Pandas 0.22.0 • Matplotlib 2.2.2 • NumPy 1.11.3 • RapidMiner 8.1.3 • Matlab 2017a 		
8.	Centre for Applied Sciences	<p>The Centre for Applied Sciences at Mohan Babu University is a specialized academic department that focuses on the practical application of scientific knowledge and principles. It offers a diverse range of programs and courses in various scientific disciplines, providing students with hands-on training and skills necessary for real-world applications.</p> <ul style="list-style-type: none"> • Rotary Evaporator • UV Chamber • Fume Hood • Two-zone tubular furnace attached to a vacuum pump. • Spray Pyrolysis unit • Hall effect experimental setup 	 <p style="text-align: center;">Rotary Evaporator</p>	<ul style="list-style-type: none"> • Cutting-edge research: The center conducts pioneering research in various disciplines of applied sciences, pushing the boundaries of knowledge and innovation. • Technological advancements: The center's research outputs contribute to the development of new technologies, enhancing industrial processes and addressing societal challenges. • Skill development: The center provides students with hands-on training and practical experience, equipping them with the necessary skills for successful careers in applied sciences. • Collaborative partnerships: The center actively collaborates with industry,

Hot air oven



UV Chamber



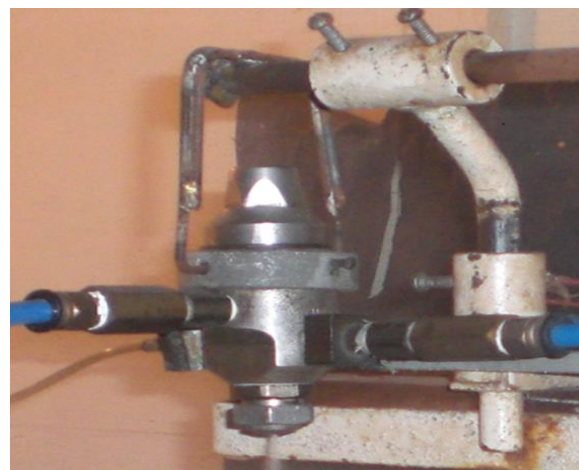
Fume Hood

government agencies, and research institutions to facilitate knowledge exchange and promote interdisciplinary approaches.

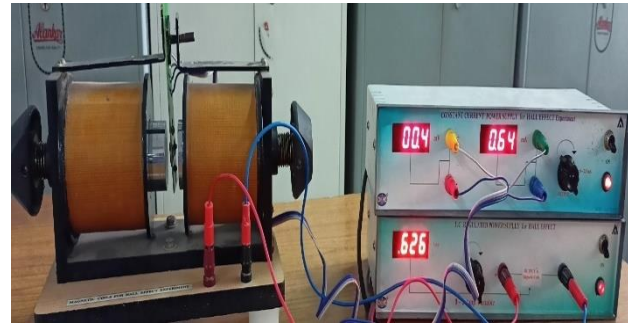
- Societal impact: The center's research and applications have tangible benefits for society, improving healthcare, energy efficiency, environmental sustainability, and other critical areas of societal concern.



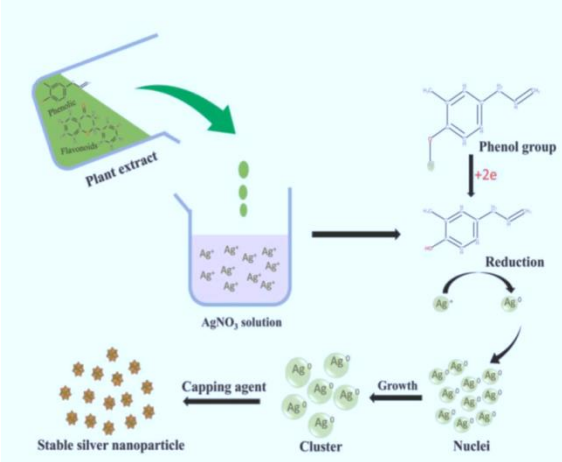
Two-zone tubular furnace attached to a vacuum pump.

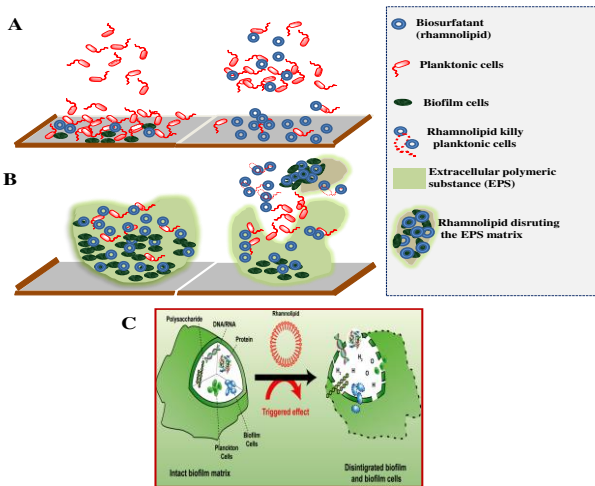


Spray Pyrolysis unit



Hall effect experimental setup Hot air oven

9.	Bio-Signal Research Centre	<p>The Bio-Signal Research Centre at Mohan Babu University is a state-of-the-art facility dedicated to studying and analyzing biological signals. It employs advanced technologies and methodologies to investigate various aspects of human physiology, including brain activity, cardiovascular functions, and muscular responses, contributing to advancements in medical research and healthcare practices.</p> <ul style="list-style-type: none"> • ECG System(Real Time) • EEG System(Real Time) • EMG System(Real Time) • BP Calibration & Measurement System • EPR System with simulator • Electrical Safety Analyzer 		<ul style="list-style-type: none"> • Development of advanced algorithms for analyzing bio-signals, improving medical diagnosis accuracy. • Discovery of new bio-markers for early detection of diseases, leading to improved treatment outcomes. • Innovation of wearable devices for real-time monitoring of vital signs, enhancing patient care. • Collaboration with industry partners to translate research findings into practical applications. • Training and mentorship of aspiring researchers, fostering growth in the field of bio-signal research.
10.	Centre for Biological and Allied Sciences	<p>The Centre for Biological and Allied Sciences at Mohan Babu University is a research facility dedicated to the study of various biological disciplines. It conducts advanced research, promotes interdisciplinary collaboration, and provides a platform for scientific discovery and innovation.</p> <ul style="list-style-type: none"> • Laminar airflow cabinet • Autoclave • Centrifuge • Research Microscope • Homogenizer • -20 Freezer 	 <p>The diagram illustrates the green synthesis of silver nanoparticles. It starts with a plant extract being added to an AgNO₃ solution. The process involves the reduction of Ag⁺ ions to Ag⁰ atoms, which then form nuclei, clusters, and finally stable silver nanoparticles. A capping agent is used to stabilize the nanoparticles. A chemical structure of a phenol group is shown with a +2e reduction step.</p>	<ul style="list-style-type: none"> • Research advancements: The center has produced groundbreaking research in areas such as molecular biology, genetics, biotechnology, and allied sciences, leading to the development of new knowledge and technologies. • Publication record: Researchers at the center have consistently published their findings in reputable scientific journals, contributing to the dissemination of scientific knowledge and establishing the center's reputation. • Collaborations: The center actively collaborates with national and

		<ul style="list-style-type: none"> • Colorimeters • Compound Microscopes • Incubators • Hot Air oven • Water bath • Spectrophotometer • pH meter • Fermenter 	<p>Mechanisms of Plant mediated synthesis of AgNP's</p>  <p>Role of Rhamnolipid in interfering with the biofilm formation mechanism in <i>S. aureus</i></p>	<p>international research institutions, fostering exchange of ideas, resources, and expertise, resulting in interdisciplinary research projects and joint publications.</p> <ul style="list-style-type: none"> • Training and education: The center plays a crucial role in training and educating students and researchers in biological and allied sciences, equipping them with essential skills and knowledge for their professional careers. • Community engagement: The center engages with the local community through outreach programs, workshops, and public lectures, promoting scientific literacy, creating awareness about important scientific issues, and inspiring the next generation of scientists.
11.	Data Analytics Research Centre	<p>The Data Analytics Research Centre at Mohan Babu University is a hub of innovative research, focusing on exploring and harnessing the power of data analytics. With cutting-edge technologies and a team of expert researchers, the center aims to drive data-driven insights and solutions for various industries.</p> <p>Desktop Systems (20 No.s)</p> <p>Details of Configuration:</p>		<ul style="list-style-type: none"> • The Data Analytics Research Centre at Mohan Babu University has developed innovative algorithms that significantly improve data processing and analysis efficiency. • The Centre's research has led to the development of cutting-edge data visualization tools that enhance data interpretation and decision-making. • The Centre's studies have contributed to the advancement of machine learning



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	<ul style="list-style-type: none"> • Lenovo Desktop V520, 1S10NLA011IHPG00XR • Intel ® Core ™ i5-7400 CPU@3.00 GHZ • DDR4 12 GB RAM • 1 TB Hard disk • 64-bit OS with Windows 10 Pro • Intel i5 – 7th Generation 3 GHZ Processor • Lenovo 3102 Model Motherboard • DDR4 12 GB RAM • 1 TB Seagate-Blue hard disk • 19.5 inch TFT LCD Monitor • Python 3.5.1 • R-Studio 1.1.423 • XAMPP 5.6 • Weka 3.8.1 • Oracle 10.2.1015 • Android Studio 1.0 • Mongo Database 3.2 • Argo UML 0.34 • R 3.5.0 • Apache Tomcat 7.0 • Java 8.0 • Eclipse Java IDE 4.7.3a • BOSS Linux 3.14 • Anaconda 5.2 • TensorFlow 1.9 • Keras 2.2.0 		<p>techniques, enabling more accurate predictions and insights from complex datasets.</p> <ul style="list-style-type: none"> • Research conducted at the Centre has resulted in the creation of data privacy and security frameworks that protect sensitive information while facilitating data analytics. • The Centre's collaborations with industry partners have led to the implementation of data analytics solutions that optimize business processes and improve organizational performance.
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		<ul style="list-style-type: none"> • DeePy 0.2.1 • Gensim 0.13.4 • PyML 7.3 • Pandas 0.22.0 • Matplotlib 2.2.2 • NumPy 1.11.3 • RapidMiner 8.1.3 • Matlab 2017a 		
12.	Geotechnical Engineering Research Centre	<p>The Geotechnical Engineering Research Centre at Mohan Babu University is a specialized facility dedicated to advancing the field of geotechnical engineering. It conducts research, experiments, and analysis related to soil mechanics, foundation engineering, and slope stability to develop innovative solutions for infrastructure development and environmental sustainability.</p> <p>Experimental Setup for Pullout Tests on Granular Pile Anchors</p> <p>Experimental Setup for Pullout Tests on Geosynthetic Reinforced Soil Slope</p> <p>Geotechnical Engineering Lab equipment also used for GTE research centre purpose is as follows:</p> <ul style="list-style-type: none"> • Hot Air Oven • Rapid Moisture Tester • Proctor's Needle Apparatus • Core-Cutter Apparatus • Sand Replacement Apparatus 		<ul style="list-style-type: none"> • Improved understanding of soil behaviour: The Geotechnical Engineering Research Centre at Mohan Babu University has contributed to advancing our knowledge of soil mechanics and geotechnical engineering principles. • Development of innovative construction techniques: The research center has led to the development of new and improved construction methods that enhance stability and durability in geotechnical projects. • Enhanced geotechnical hazard mitigation: Through extensive research, the center has provided valuable insights into mitigating geotechnical hazards such as landslides, soil liquefaction, and slope instability. • Sustainable geotechnical practices: The center promotes the adoption of sustainable geotechnical practices by

K. Sreedhar

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		<ul style="list-style-type: none"> • Mechanical Sieve Shaker • Hydrometer Apparatus • Casagrande’s Liquid Limit Apparatus • Cone Penetrometer Apparatus • Shrinkage Limit Test Apparatus • Specific Gravity Test Apparatus • Relative Density Testing Machine • Permeability Test Apparatus • Standard Proctor’s Compaction Test Apparatus (Light Compaction) • Modified Proctor’s Compaction Test Apparatus (Heavy Compaction) • Direct Shear Testing Machine • Unconfined Compression Testing Machine • Triaxial Compression Testing Machine • Consolidation Testing Machine • California Bearing Ratio (CBR) Testing Machine • Vane Shear Test Apparatus • Sample Extractor - Rack Type (Hand Operated) • Sample Extractor - Hydraulic Type (Hand Operated) 		<p>investigating environmentally friendly materials, techniques, and designs that minimize the impact on natural resources.</p> <ul style="list-style-type: none"> • Collaborative industry partnerships: The research center actively collaborates with industry partners to transfer knowledge and research findings, fostering innovation in geotechnical engineering and enabling real-world application of research outcomes.
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<p>13.</p>	<p>Water and Environment Research Centre</p>	<p>The Water and Environment Research Centre at Mohan Babu University is a dedicated facility focused on studying and analyzing the relationship between water resources and the environment. Through research and innovation, the center aims to address critical water-related challenges and promote sustainable solutions for the preservation and management of water and the environment.</p> <p>Research centre's exclusive equipment at Environmental Engineering Lab is as follows:</p> <ul style="list-style-type: none"> • Water Level Indicator • Double Ring Infiltrometer • Weather Monitoring Station • Multi-enviro Sound level Meter • Fine Dust Sampler • Visual MODFLOW Flex Pro V4.1 • Aquachem V2014.2 <p>Environmental Engineering Lab equipment also used for Water and Environment research centre purpose is as follows:</p> <ul style="list-style-type: none"> • Hot Air Oven • Muffle Furnace 	 <p>Weather Monitoring Station</p>  <p>5 in 1 Multi Enviro-meter: Digital sound level multi-meter to measure sound, humidity, Temperature, Wind speed and Lighting flux.</p>	<ul style="list-style-type: none"> • Developed innovative water purification technologies. • Conducted extensive studies on water quality and pollution sources. • Published research papers on sustainable water management practices. • Collaborated with government agencies to implement conservation measures. • Provided training and education on environmental awareness to local communities.
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|--|--|---|--|--|
| | | <ul style="list-style-type: none">• Jar Test Apparatus• BOD Incubator• Water Bath• Hot Plate• Magnetic Stirrer• Digital Weighing Balance• UV-VIS Spectrophotometer• Micro Controller based Turbidity Meter• Micro Controller based Conductivity TDS Meter• Dissolved Oxygen Meter• All Glass Double Distillation-1.5 Ltrs.• Digital pH Meter | | |
|--|--|---|--|--|

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<p>14.</p>	<p>Centre for Pharmaceutical Sciences</p>	<p>The Centre for Pharmaceutical Sciences Research Centre at Mohan Babu University is a leading institution dedicated to advancing pharmaceutical research. It focuses on innovative drug discovery, development, and analysis, aiming to improve healthcare outcomes. The center fosters collaboration, cutting-edge technologies, and interdisciplinary approaches to address critical challenges in the field of pharmaceutical sciences.</p> <ul style="list-style-type: none"> • 8 Station Tablet Dissolution Apparatus • UV Visible Spectrophotometer • Electronic Transmission Microscope • Tablet Disintegration Tester • High Performance Liquid Chromatography • FTIR • Bone Density Apparatus • Rotavapor R-100 Rotary Evaporator System • Rimek Tablet Minipress 	 <p>8 Station Tablet Dissolution Apparatus-Electrolab</p>  <p>UV Visible Spectrophotometer</p>	<ul style="list-style-type: none"> • Development of new drug formulations: The research center at Mohan Babu University has contributed to the development of innovative drug formulations, improving drug delivery systems, and enhancing the efficacy and safety of medications. • Advancement in drug discovery: The center's research efforts have led to the identification and characterization of novel drug targets, facilitating the discovery of potential new drugs for various diseases and conditions. • Pharmacological studies: The research center has conducted comprehensive pharmacological studies to evaluate the efficacy, toxicity, and mechanism of action of existing and newly developed drugs, providing valuable insights for clinical use. • Collaboration with industry: The center has fostered collaborations with pharmaceutical companies, facilitating technology transfer and the translation of research findings into practical applications, leading to the development of marketable pharmaceutical products. • Training and education: The research center plays a crucial role in training the next generation of pharmaceutical scientists, offering research opportunities, mentoring programs, and
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Electronic Transmission Microscope



Tablet Disintegration Tester

advanced courses, contributing to the overall advancement of pharmaceutical sciences.



High Performance Liquid Chromatography



FTIR – Agilent



Bone Density Apparatus



Rotavapor R-100 Rotary Evaporator System (BUCHI)



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Rimek Tablet Minipress



15.	Research Centre for Health Care	<p>The Micro Electronic Mechanical Systems (MEMS) Research Centre at Mohan Babu University is a dedicated facility focused on advancing the field of MEMS technology. The center conducts research and development in the design, fabrication, and characterization of miniature devices and systems with integrated electronic and mechanical components. Through cutting-edge research, the center aims to explore innovative applications of MEMS in various fields such as healthcare, telecommunications, automotive, and consumer electronics. The center also collaborates with industry partners to promote technology transfer and drive commercialization of MEMS-based products.</p> <ul style="list-style-type: none"> • SHORTWAVE DIATHERMY • Semi auto analyser • Colorimeter 	 <p>CORPOREAL SHOCK WAVE THERAPY</p>	<ul style="list-style-type: none"> • Improved patient outcomes: The Centre for Health Care Research at Mohan Babu University has contributed to the development of innovative healthcare interventions and strategies, leading to improved patient outcomes and better quality of care. • Enhanced healthcare delivery: The research conducted at the centre has resulted in the identification and implementation of best practices in healthcare delivery, optimizing processes and improving efficiency. • Evidence-based policymaking: Through rigorous research, the centre has generated evidence that informs healthcare policies, enabling policymakers to make informed decisions and allocate resources effectively. • Advancements in medical knowledge: The centre's research initiatives have contributed to the advancement of medical knowledge, expanding the understanding of diseases, treatments, and preventive measures. • Collaborative partnerships: The centre fosters collaborations with healthcare institutions, researchers, and practitioners, facilitating knowledge exchange and promoting interdisciplinary approaches to address
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			 <p>SHORTWAVE DIATHERMY</p>	<p>complex healthcare challenges.</p>
16.	Centre for Rural Development	<p>The Centre for Rural Development at Mohan Babu University focuses on addressing the unique challenges and needs of rural communities. Through research, training, and outreach programs, the center strives to empower rural areas with sustainable development strategies, improving livelihoods and promoting social and economic growth.</p> <ul style="list-style-type: none"> • Seed Drill • Tractor and Rotavator for small farmers • Biogas Plant • Construction of water tank • Library and counseling centre 		<ul style="list-style-type: none"> • Improved access to education and healthcare services in rural areas. • Enhanced agricultural productivity through training and technology adoption. • Empowered rural communities through skill development programs and entrepreneurship opportunities. • Promoted sustainable development practices for environmental conservation. • Strengthened local governance and community participation for inclusive rural development.



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		<ul style="list-style-type: none"> • Reading materials related to modern agricultural practices • Mini Dal Mill • Village knowledge centre • Distribution of dustbins for environmental conservation • Awareness programmes on Dispute-Free Village, Natural Resource Management, Workshops on collective farming & organic farming, sessions on Health and Livelihood, Training on Digital Financial Literacy and Small saving schemes 		
17.	Machine Learning Center	<p>The Machine Learning Center at Mohan Babu University is a specialized research and educational facility dedicated to the advancement of machine learning technologies. It serves as a hub for interdisciplinary collaboration among researchers, academics, and industry professionals. The center conducts cutting-edge research, develops innovative algorithms, and offers training programs and workshops to foster the growth and application of machine learning in various fields. It provides a platform for</p>		<ul style="list-style-type: none"> • Improved prediction accuracy: The Machine Learning Center at Mohan Babu University has achieved significant advancements in developing algorithms and models that consistently deliver higher prediction accuracy across various domains. • Enhanced decision-making: Through the application of machine learning techniques, the center has empowered organizations to make data-driven decisions, leading to improved efficiency and productivity. • Automation and optimization: The



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		<p>knowledge exchange, industry partnerships, and the exploration of new frontiers in artificial intelligence.</p> <ul style="list-style-type: none"> • Computers: 10 • Configuration: LENOVO,I5 Processor, 8 GB RAM, 1 TB, HDD, Monitors • Server: 01 • Power Edge R70-DELL • Server Rack-17U • CPU-2XIntel Xeon Silver4214 2.2 G • RAM-8X32GB RDIMM • HDD 2X1.2 TB10K RPM SAS12Gbps • GPU-2X NVIDIA Tesla P4 8GB GPU • RAID Controller - 1 		<p>center's research has resulted in the development of automated machine learning tools and optimization techniques, enabling businesses to streamline processes and maximize resource utilization.</p> <ul style="list-style-type: none"> • Novel insights and discoveries: By analyzing large and complex datasets, the center has uncovered valuable insights and made novel discoveries that have the potential to drive innovation and create new opportunities. • Collaboration and knowledge sharing: The Machine Learning Center actively fosters collaboration with industry partners and academia, promoting knowledge sharing and the dissemination of cutting-edge machine learning techniques and best practices.
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Annexure-16.b

Information about the Research Scholars are admitted in various Disciplines

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(Act No: 3 of 2016 & 40 of 2023)

Annexure-16.c

Information about the List of Publications in Journals & Conferences

S.No.	Authors	Title	Year	Source title	Volume	Issue	Art. No.	Page start	Page end	Document Type
1	Kumar B.H., Subburaj V.	Integration of RES with MPPT by SVPWM scheme	2021	Intelligent Renewable Energy Systems: Integrating Artificial Intelligence Techniques and Optimization Algorithms				157	178	Book Chapter
2	Prasad P.B., Padmaja N., Kumar B.S., Aravind A.	Industry 4.0: Augmented and virtual reality in education	2021	Innovating with Augmented Reality: Applications in Education and Industry				29	52	Book Chapter
3	Bright B.M., Joseph Selvi B., Abu Hassan S., Mustapha Jaafar M., Siengchin S., Mavinkere Rangappa S., Liu Y., Padmavathy S.R.	Characterization of chemically treated new natural cellulosic fibers from peduncle of Cocos nucifera L. Var typica	2021	Polymer Composites	42	12		6403	6416	Article
4	Panigrahi S., Sharma H.B., Tiwari B.R., Krishna N.V., Ghangrekar M.M., Dubey B.K.	Insight into understanding the performance of electrochemical pretreatment on improving anaerobic biodegradability of yard waste	2021	Renewable Energy	180			1166	1178	Article
5	Chakrapani V., Babu S.K.	DCTP Architecture for Data-Centric Applications of Wireless Sensor Networks	2021	Iranian Journal of Science and Technology - Transactions of Electrical Engineering	45	4		1203	1215	Article
6	Suresh Kumar A., Muthukannan M., Kanniga Devi R., Arunkumar K., Chithambar Ganesh A.	Reduction of hazardous incinerated bio-medical waste ash and its environmental strain by utilizing in green concrete	2021	Water Science and Technology	84	10-Nov		2780	2792	Article
7	Sathyaseelan B., Vijay Shankar S., Suresh K., Saravanan R.	Design and Implementation of Comprehensive Converter	2021	Journal of Electrical Engineering and Technology	16	6		3093	3101	Article
8	Ananda Rao N., Satyanarayana Tallapragada V.V., Venkat Reddy D., Narashimha Prasad K.L.	Dgs loaded broadband circular patch antenna for satellite communications	2021	Journal of Communications	16	11		485	491	Article
9	Kora P., Reddy Madhavi K., Avanija J., Gurram S., Meenakshi K., Swaraja K., Priyanka Y.	Automatic Segmentation of Prostate Cancer using cascaded Fully Convolutional Network	2021	E3S Web of Conferences	309		1068			Conference Paper
10	Yadlapalli P., Reddy Madhavi K., Gurram S., Avanija J., Meenakshi K., Kora P.	Breast Thermograms Asymmetry Analysis using Gabor filters	2021	E3S Web of Conferences	309		1109			Conference Paper
11	Shaik D.P.M.D., Kumar M.V.S., Reddy P.N.K., Hussain O.M.	High electrochemical performance of spinel Mn3O4 over Co3O4 nanocrystals	2021	Journal of Molecular Structure	1241		130619			Article
12	Thejasree P., Krishnamachary P.C.	Effect of Weld Speed on Joint Quality of Nd: YAG Laser Welded Inconel 718 Alloy Weldments	2021	SAE Technical Papers	Part 173236	2021				Conference Paper
13	Thejasree P., Manikandan N., Krishnamachary P.C., Varaprasad K.C., Joseph Selvi B.	Application of Taguchi Approach on Wire Electrical Discharge Machining of SS304	2021	SAE Technical Papers	Part 173236	2021				Conference Paper
14	Manikandan N., Joseph Selvi B., Krishnamachary P.C., Thejasree P.	Experimental Analysis on Wire Electrical Discharge Machining of Nickel Alloy Using Taguchi Based Grey Relational Analysis	2021	SAE Technical Papers	Part 173236	2021				Conference Paper
15	Bao X., Li M., Niu R., Lu J., Panigrahi S., Garg A., Berretta C.	Hygroscopic water retention and physio-chemical properties of three in-house produced biochars from different feedstock types: Implications on substrate amendment in green infrastructure	2021	Water (Switzerland)	13	19	2613			Article
16	Jayasree Y., Kumar Y.B.K., Babu G.S., Bhaskar P.U.	Growth of Cu2ZnSnS4 thin films by hybrid chemical approach	2021	Physica B: Condensed Matter	618		413199			Article
17	Naresh Kumar Reddy P., Shaik D.P.M.D., Ganesh V., Nagamalleswari D., Thyagarajan K., Vishnu Prasanth P.	High electrochemical activity of 3D flower like nanostructured TiO2 obtained by green synthesis	2021	Applied Surface Science	561		150092			Article
18	Aruna Jyothy S., Srinivasa Murthy D., Mallikarjuna P.	Climate Change Impacts On Seasonal Rainfall Trends in the Regions of Andhra Pradesh and Telangana States, India	2021	Journal of The Institution of Engineers (India): Series A	102	3		673	685	Article
19	Nagamalleswari D., Kumar Y.B.K., Ganesh V.	Effect of substrate temperature on the growth of CuSbS2 thin films by chemical spray pyrolysis	2021	Physica B: Condensed Matter	616		413119			Article
20	Hanuma Kumar G.E.N., Kumar S.S., Balaji M., Maurya D.K., Kesavulu M.	Pterocarpus santalinus L. extract mitigates gamma radiation-inflicted derangements in BALB/c mice by Nrf2 upregulation	2021	Biomedicine and Pharmacotherapy	141		111801			Article
21	Jyothsna V., Prasad K.M., Rajiv K., Chandra G.R.	Flow based anomaly intrusion detection system using ensemble classifier with Feature Impact Scale	2021	Cluster Computing	24	3		2461	2478	Article

S.No.	Authors	Title	Year	Source title	Volume	Issue	Art. No.	Page start	Page end	Document Type
22	Kukutia P.R., Prasad B.V.S.S.S., Tarigonda H., Reddy D.R.	Optimization of film hole row locations of a nozzle guide vane using network approach	2021	Journal of Thermal Analysis and Calorimetry	145	5		2661	2674	Article
23	Kuraparathi S., Reddy M.K., Sujatha C.N., Valiveti H., Duggineni C., Kollati M., Kora P., Sravan V.	Brain tumor classification of MRI images using deep convolutional neural network	2021	Traitement du Signal	38	4		1171	1179	Article
24	Peneti S., Sunil Kumar M., Kallam S., Patan R., Bhaskar V., Ramachandran M.	BDN-GWMNN: Internet of Things (IoT) Enabled Secure Smart City Applications	2021	Wireless Personal Communications	119	3		2469	2485	Article
25	Karunakaran R.S., Lokanatha O., Muni Swamy G., Venkataramaiah C., Muni Kesavulu M., Appa Rao C., Badri K.R., Balaji M.	Anti-Obesity and Lipid Lowering Activity of Bauhiniastatin-1 is Mediated Through PPAR- γ /AMPK Expressions in Diet-Induced Obese Rat Model	2021	Frontiers in Pharmacology	12		704074			Article
26	Mohan E., Rajesh A., Sunitha G., Konduru R.M., Avanija J., Ganesh Babu L.	A deep neural network learning-based speckle noise removal technique for enhancing the quality of synthetic-aperture radar images	2021	Concurrency and Computation: Practice and Experience	33	13	e6239			Article
27	Kiran Y.B., Rambabu G., Vijayakumar V., Barbosa L.C.A.	Acetic Acid-Mediated Synthesis of Kojic Acid Derivatives	2021	Russian Journal of Organic Chemistry	57	7		1158	1166	Article
28	Swamy K.A., Alex Z.C.	Efficient hearing aid algorithm using DCT with uniformly re-sampled and recursively modified audiogram values	2021	Indonesian Journal of Electrical Engineering and Computer Science	23	1		237	246	Article
29	Senthil S.M., Nathan S.R., Parameshwaran R.	Experimental investigation on joining process of aluminium alloy 6063-T6 pipes using hybrid friction stir welding	2021	Journal of the Brazilian Society of Mechanical Sciences and Engineering	43	7	331			Article
30	Meher R.S., Jaikumar S.	Enhancement of condensate water quantity and coefficient of performance of an air conditioning system: An experimental study	2021	Heat Transfer	50	5		4144	4151	Article
31	Rangari V.A., Bhatt C.M., Umamahesh N.V.	Rapid Assessment of the October 2020 Hyderabad Urban Flood and Risk Analysis Using Geospatial Data	2021	Current Science	120	12		1840	1847	Article
32	Babu D.H., Tarakaramu N., Satya Narayana P.V., Sarojamma G., Makinde O.D.	MHD flow and heat transfer of a jeffrey fluid over a porous stretching/shrinking sheet with a convective boundary condition	2021	International Journal of Heat and Technology	39	3		885	894	Article
33	Kumar S., Basumatary I.B., Sudhani H.P.K., Bajpai V.K., Chen L., Shukla S., Mukherjee A.	Plant extract mediated silver nanoparticles and their applications as antimicrobials and in sustainable food packaging: A state-of-the-art review	2021	Trends in Food Science and Technology	112			651	666	Review
34	Jaikumar S., Srinivas V., Meher R.S.	Combustion Characteristics of Direct Injection Diesel Engine Fueled with Dispersant-mixed Al ₂ O ₃ Nanoparticle-added Biodiesel Blend	2021	International Journal of Thermophysics	42	6	91			Article
35	Kumaraswamy Naidu K., Harish Babu D., Harinath Reddy S., Satya Narayana P.V.	Radiation and partial slip effects on magnetohydrodynamic jeffrey nanofluid containing gyrotactic microorganisms over a stretching surface	2021	Journal of Thermal Science and Engineering Applications	13	3	31011			Article
36	Gandikota C., Gandhi L., Maisnam D., Kesavulu M.M., Billoria A., Prasad V.S.V., Venkataramana M.	A novel anti-NS2BNS3pro antibody-based indirect ELISA test for the diagnosis of dengue virus infections	2021	Journal of Medical Virology	93	6		3312	3321	Article
37	Sarkar A., Sreenath M., Srinivas K., Teja N.V.	Investigation of Graphene as a Sensing Layer for Future Prostate Cancer Biosensing Applications	2021	Journal of Physics: Conference Series	1921	1	12038			Conference Paper
38	Suresh K., Jyotheeswara Reddy K., Dash R., Hampannavar S., Srikakulapu R., Subburaj V.	A Universal Converter for Different Power Conversion Operations and High Power Applications	2021	Proceedings of the Energy Conversion Congress and Exposition - Asia, ECCE Asia 2021			9479284	1666	1671	Conference Paper
39	Rajani A., Kora P., Madhavi K.R., Avanija J.	Quality improvement of retinal optical coherence tomography	2021	2021 2nd International Conference for Emerging Technology, INCET 2021			9456151			Conference Paper
40	Chalapathi T., Sajana S.	Unitary Invertible Graphs of Finite Rings	2021	Discussiones Mathematicae - General Algebra and Applications	41	1		195	208	Article
41	Chinthaparthi R.R., Chittoena V.L., Jorepalli S., Gangireddy C.S.R.	Green synthesis and anticancer activity of tetrahydropyrazolo[3,4-b:4',3'-e]pyridines catalyzed by phospho sulfonic acid	2021	Journal of Heterocyclic Chemistry	58	5		1104	1116	Article
42	Daram S.B., Kumar U.K., Nagasrinivasulu M., Reddy D.S., Amarthaluri J.	Contingency Ranking for Single Transmission Line Outage Incorporating Quadrature Booster	2021	International Journal of COMADEM	24	2		67	71	Article
43	Ganesh C., Muthukannan M., Kumar A.S., Arunkumar K.	Influence of bacterial strain combination in hybrid fiber reinforced geopolymer concrete subjected to heavy and very heavy traffic condition	2021	Journal of Advanced Concrete Technology	19	4		359	369	Article
44	Janamala V., Kamal Kumar U., Pandraju T.K.S.	Future search algorithm for optimal integration of distributed generation and electric vehicle fleets in radial distribution networks considering techno-environmental aspects	2021	SN Applied Sciences	3	4	464			Article

S.No.	Authors	Title	Year	Source title	Volume	Issue	Art. No.	Page start	Page end	Document Type
45	Vinoth R., Sachuthanathan B.	Flow and heat transfer behavior of hybrid nanofluid through microchannel with two different channels	2021	International Communications in Heat and Mass Transfer	123		105194			Article
46	Jebadurai S.G., Raj R.D.E., Sreenivasan V.S., Binoj J.S.	Coccinia grandis stem fiber polymer composite: thermal and mechanical analysis	2021	Iranian Polymer Journal (English Edition)	30	4		369	380	Article
47	Sudhakar T., Hari Krishnan G., Krishnamoorthy N.R., Janney J.B., Pradeepa M., Raghavi J.P.	Sleep Disorder Diagnosis using EEG based Deep Learning Techniques	2021	Proceedings of 2021 IEEE 7th International Conference on Bio Signals, Images and Instrumentation, ICBSII 2021			9445158			Conference Paper
48	Addepalli T., Anitha V.R.	Design and analysis of a novel compact spanner-shaped ultra-wideband antenna for MIMO systems	2021	International Journal of Communication Systems	34	5	e4739			Article
49	Kousik N., Natarajan Y., Arshath Raja R., Kallam S., Patan R., Gandomi A.H.	Improved salient object detection using hybrid Convolution Recurrent Neural Network	2021	Expert Systems with Applications	166		114064			Article
50	Satyam, Neelima K., Ramana P.V., Nagendra R.	Performance enhancement of microstrip antenna at ISM band using slots	2021	2021 International Conference on Emerging Smart Computing and Informatics, ESCI 2021			9396898	797	800	Conference Paper
51	Divya Lakshmi S., Neelima K., Subhas C.	Proficient Matrix Codes for NOC Applications	2021	4th International Symposium on Devices, Circuits and Systems, ISDCS 2021 - Conference Proceedings			9397914			Conference Paper
52	Santhosh S., Juliet A.V., Krishnan G.H.	Impact of electrodes separation distance on bio-impedance diagnosis	2021	Biomedical and Pharmacology Journal	14	1		141	146	Article
53	Palanisamy D., Manikandan N., Ramesh R., Kathirvelan M., Arulkirubakaran D.	Machinability analysis and optimization of wire-EDM textured conventional tungsten carbide inserts in machining of 17-4 PH stainless steel	2021	Materials Today: Proceedings	39			359	367	Conference Paper
54	Gnanarathinam A., Palanisamy D., Manikandan N., Devaraju A., Arulkirubakaran D.	Comparison of corrosion behavior on laser welded austenitic stainless steel	2021	Materials Today: Proceedings	39			649	653	Conference Paper
55	Ujjaini Kumar S., Manikandan N., Binoj J.S., Thejasree P., Shajahan S., Arulkirubakaran D.	Multi objective optimization of wire-electrical discharge machining of stellite using Taguchi – Grey approach	2021	Materials Today: Proceedings	39			216	222	Conference Paper
56	Raju R., Manikandan N., Binoj J.S., Palanisamy D., Arulkirubakaran D., Thejasree P., Kalyan A.P., Reddy G.S.	Optimization and performance evaluation of PLA polymer material in situ carbon particles on structural properties	2021	Materials Today: Proceedings	39			223	229	Conference Paper
57	Palanisamy D., Manikandan N., Ramesh R., Devaraju A., Arulkirubakaran D.	Development of neural network models for wire electrical discharge machining of Haste alloy	2021	Materials Today: Proceedings	39			438	445	Conference Paper
58	Palanisamy D., Manikandan N., Ramesh R., Binoj J.S., Arulkirubakaran D.	Development of grey-ANFIS model for wire electrical discharge machining of Al-GNP composites	2021	Materials Today: Proceedings	39			301	310	Conference Paper
59	Palanisamy D., Jayasurya S., Manikandan N., Arulkirubakaran D., Divakar V.	Performance evaluation of textured inserts with MQL in machining of pH stainless steel	2021	Materials Today: Proceedings	39			279	284	Conference Paper
60	Babu K.S.S., Parandhama A., Vijaya R.B.	Non-linear MHD convective flow of Carreau nanofluid over an exponentially stretching surface with activation energy and viscous dissipation	2021	SN Applied Sciences	3	3	382			Article
61	Kallam S., Patan R., Ramana T.V., Gandomi A.H.	Article linear weighted regression and energy-aware greedy scheduling for heterogeneous big data	2021	Electronics (Switzerland)	10	5	554	1	16	Article
62	Rangari V.A., Umamahesh N.V., Patel A.K.	Flood-hazard risk classification and mapping for urban catchment under different climate change scenarios: A case study of Hyderabad city	2021	Urban Climate	36		100793			Article
63	Sekaran R., Goddumbari S.N., Kallam S., Ramachandran M., Patan R., Gupta D.	5G Integrated Spectrum Selection and Spectrum Access using AI-based Frame work for IoT based Sensor Networks	2021	Computer Networks	186		107649			Article
64	Reddy C.K., Srinivasan G., Lokasree B.S.	Optimization of reactive power support in power distribution network - An economical based study	2021	Proceedings of the 7th International Conference on Electrical Energy Systems, ICEES 2021			9383716	390	396	Conference Paper
65	Maheswari B., Aswini J., Anita M.	Hybrid feature selection approach for naive bayes to improve consumer behavior analysis	2021	Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021			9388439	1200	1204	Conference Paper
66	Tarakaramu N., Satya Narayana P.V., Babu D.H., Sarojamma G., Makinde O.D.	Joule heating and dissipation effects on magnetohydrodynamic couple stress nanofluid flow over a bidirectional stretching surface	2021	International Journal of Heat and Technology	39	1		205	212	Article
67	Chakradhar K.S., Rao V.M.	Three different compact elliptical slot ultra-wide band antennas for wireless communication applications	2021	Journal of Communications	16	2		52	59	Article
68	Mustafa Y., Subburaj V., Ruderman A.	Revisited SCC Equivalent Resistance High-Frequency Limit Accounting for Stray Inductance Effect	2021	IEEE Journal of Emerging and Selected Topics in Power Electronics	9	1	8847620	638	646	Article

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69	Parthasarathy M., Adigopula S., Gownivari H., Mudhivedu G., Vasudevan A., Ulaganathan D.S.	Carbon-Coated Magnetic Iron Oxide Nanoparticles as Green Catalysts for Aromatic Nitration	2021	International Journal of Nanoscience	20	1	2150008			Article
70	Gangula V.R., Nandhana Gopal G.R., Tarigonda H.	Investigation on Different Thermal Barrier-Coated Piston Engines Using Mahua Biodiesel	2021	Journal of The Institution of Engineers (India): Series C	102	1		131	144	Article
71	Santhosh S., Juliet A.V., Krishnan G.H.	Predictive analysis of identification and disease condition monitoring using bioimpedance data	2021	Journal of Ambient Intelligence and Humanized Computing	12	2		2955	2963	Retracted
72	Reddy G.R.S., Rangaswamy K., Sudhakara M., Anjaiah P., Madhavi K.R.	Towards the protection and security in fog computing for industrial internet of things	2021	Innovations in the Industrial Internet of Things (IIoT) and Smart Factory				17	32	Book Chapter
73	Goundar S., Avanija J., Sunitha G., Madhavi K.R., Bhushan S.B.	Innovations in the industrial internet of things (IIoT) and smart factory	2021	Innovations in the Industrial Internet of Things (IIoT) and Smart Factory				1	311	Book
74	Prahalathan G., Babu S.K., Praveena H.D.	Digitalization and automation in agriculture industry	2021	Innovations in the Industrial Internet of Things (IIoT) and Smart Factory				205	216	Book Chapter
75	Bhogaraju S.D., Kumar K.V.R., Anjaiah P., Shaik J.H., Madhavi K.R.	Advanced predictive analytics for control of industrial automation process	2021	Innovations in the Industrial Internet of Things (IIoT) and Smart Factory				33	49	Book Chapter
76	Seeja G., Reddy O.R., Kumar K.V.R., Mounika S.S.L.C.H., Madhavi K.R.	Internet of things and robotic applications in the industrial automation process	2021	Innovations in the Industrial Internet of Things (IIoT) and Smart Factory				50	64	Book Chapter
77	Chaitanya M., Manikandan P., Prem Kumar V., Elavenil S., Vasugi V.	Prediction of self-healing characteristics of GGBS admixed concrete using artificial neural network	2021	Journal of Physics: Conference Series	1716	1	12019			Conference Paper
78	Suresh K., Padmanaban S., Vivek S.	Analysis and Design of Bidirectional Circuits for Energy Storage Application	2021	Design and Development of Efficient Energy Systems				131	149	Book Chapter
79	Rao C.M., Babu J.R., Pimo S.J., Dixit A., Jaiswal S., Jamshed A.	A Comparative Study of NLP based Semantic Web Standard model using SPARQL database	2021	Proceedings - 2021 International Conference on Computing Sciences, ICCS 2021				1	6	Conference Paper
80	Pandi P., Subbarao M., Suresh K.	HBC-Based 3Ø System for Wide Range of Power Conversion [Système 3Ø basé sur le HBC pour une large gamme de conversion de puissance]	2021	IEEE Canadian Journal of Electrical and Computer Engineering	44	3		321	328	Article
81	Dandu M.S.R., Nanthagopal K., Ashok B., Balasubramanian D., Sakthivel R.	Impact of NOx control measures on engine life	2021	NOx Emission Control Technologies in Stationary and Automotive Internal Combustion Engines: Approaches Toward NOx Free Automobiles				387	421	Book Chapter
82	Bharath K.N., Dileepkumar S.G., Manjunatha G.B., Amith Kumar S.J., Indran S., Binoj B.S.	Optimization of parametric study on drilling characteristics of sheep wool reinforced composites	2021	Advances in Bio-Based Fiber: Moving Towards a Green Society				237	248	Book Chapter
83	Tallapragada V.V.S.	Applications of blockchain technology for smart cities in a nutshell	2021	Blockchain for Smart Cities				313	333	Book Chapter
84	Kumar K.M., Mathew N.T., Baburaj M.	Sustainable milling of Ti-6Al-4V super alloy using AlCrN and TiAlN coated tools	2021	Materials Today: Proceedings	50			1732	1738	Conference Paper
85	Sree Lakshmi T., Govindarajan M., Sreenivasulu A.	Malware Detection Kit for Malware Analysis of Big Data	2021	Learning and Analytics in Intelligent Systems	20			191	204	Conference Paper
86	Swamy K.A., Alex Z.C., Ramachandran P., Mathew T.L., Sushma C., Padmaja N.	Real-time Implementation of Delay Efficient DCT Based Hearing Aid Algorithm Using TMS320C5505 DSP Processor	2021	3rd IEEE International Virtual Conference on Innovations in Power and Advanced Computing Technologies, I-PACT 2021						Conference Paper
87	Baburaj M., Kumar K.M., Mathew N.T., Nathan S.R.	Fabrication of Ti-6Al-4V thin sheet using wire-EDM and its characterisation	2021	International Journal of Machining and Machinability of Materials	23	5-Jun		514	526	Article
88	Venkataramana L., Kalla R.M.N., Venkataramaiah C., Kumari K.S., Varalakshmi M., Raju C.N.	Novel naphthalene-1,5-diamine containing urea/thiourea derivatives – Promising antimicrobial agents	2021	Organic Communications	14	4		323	333	Article
89	Baseer K.K., Pasha M. J., Albert D. W., Sujatha V.	Navigation and Obstacle Detection for Visually Impaired People	2021	Proceedings of the 4th International Conference on Microelectronics, Signals and Systems, ICMSS 2021						Conference Paper
90	Divya N., Chandana B.H., Harika D.	Implementation of Radar Digital Receiver based on Xeon-Processor using Intel IPP	2021	2021 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics, DISCOVER 2021 - Proceedings				141	144	Conference Paper
91	Neelima K., Satyam	High Performance Variable Precision Multiplier and Accumulator Unit for Digital Filter Applications	2021	2021 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics, DISCOVER 2021 - Proceedings				209	212	Conference Paper
92	Mounika K., Ramana P.V.	FPGA implementation of power efficient floating point fused multiply-add unit	2021	Proceedings - 2021 IEEE 10th International Conference on Communication Systems and Network Technologies, CSNT 2021				258	263	Conference Paper

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93	Priyadarsini K., Raj E.F.I., Begum A.Y., Shanmugasundaram V.	Comparing DevOps procedures from the context of a systems engineer	2021	Materials Today: Proceedings						Article
94	Krupakaran R.L., Vidyasagar Reddy G., Dandu M.S.R., Doddipalli R.R.	Effect of Combustion Bowl Shape on Performance Combustion and Emission Characteristics of Diesel Engine Using Biodiesel with TiO2Nanoparticle Additive as Fuel	2021	SAE Technical Papers		2021				Conference Paper
95	Joseph Selvi B., Natarajan M., Pattipati Chinna K., Karu Clement V., Pasupuleti T., Justin Abraham Baby S.	Mechanical Property Optimization of Tamarind Fruit Fiber for Lightweight Structural Composites Applications	2021	SAE Technical Papers		2021				Conference Paper
96	Manimekalai G., Kavitha S., Divya D., Indran S., Binoj J.S.	Characterization of enzyme treated cellulose stem fiber from Cissus quadrangularis plant: An exploratory investigation	2021	Current Research in Green and Sustainable Chemistry	4		100162			Article
97	Mansingh B.B., Binoj J.S., Sai N.P., Hassan S.A., Siengchin S., Sanjay M.R., Liu Y.C.	Sustainable development in utilization of Tamarindus indica L. and its by-products in industries: A review	2021	Current Research in Green and Sustainable Chemistry	4		100207			Review
98	Sachuthananthan B., Vinoth R., Reddy D.R., Bandari V., Anusha P.	Environmental impact on the use of diesel waste plastic oil nano-additive blends in a di diesel engine	2021	International Journal of Nanotechnology	18	11-Dec		990	1006	Conference Paper
99	Tekuri C., Shaik S., Florentin S.	Neutrosophic Quadratic Residues and Non-Residues	2021	Neutrosophic Sets and Systems	46			356	371	Article
100	Obulesu O., Kallam S., Dhiman G., Patan R., Kadiyala R., Raparthi Y., Kautish S.	Adaptive Diagnosis of Lung Cancer by Deep Learning Classification Using Wilcoxon Gain and Generator	2021	Journal of Healthcare Engineering	2021		5912051			Article
101	Suneetha K., Mounika Raj K.	Automatic Vehicle Number Plate Recognition System (AVNPR) Using OpenCV Python	2021	Lecture Notes in Networks and Systems	215			487	496	Conference Paper
102	Kalla R.M.N., Chakali R., Amudala M., Varalakshmi M., Raju C.N.	Friedel-Crafts benzylation of arenes with benzylic alcohols using sulfonic-acid-functionalized hyper-cross-linked poly(2-naphthol) as a solid acid catalyst	2021	Organic Communications	14	3		300	304	Article
103	Harathi N., Sarkar A.	TiO2 based surface acoustic wave gas sensor with modified electrode dimensions for enhanced H2 sensing application	2021	International Journal of Nano Dimension	12	1		83	89	Article
104	Sarkar A., Suresh R., Padmavathy N., Aswini C.	Investigation of Dielectric Dependency on CNTFET Characteristics in Ballistic Regime	2021	Lecture Notes in Mechanical Engineering				275	282	Conference Paper
105	Chithambar Ganesh A., Vinod Kumar M., Kanniga Devi R., Srikar P., Prasad S., Manoj Kumar M., Sarath R.P.	Pervious Geopolymer Concrete under Ambient Curing	2021	Materials Today: Proceedings	46			2737	2741	Conference Paper
106	Rangari V.A., Umamahesh N.V., Patel A.K.	Extraction of Surface Imperviousness from Land Use Land Cover Analysis for Part of Hyderabad City	2021	Lecture Notes in Civil Engineering	149			179	189	Conference Paper
107	Senthil S.M., Ragu Nathan S., Parameshwaran R., Bhuvanesh Kumar M.	Comparative study on mechanical performances of circular and flat geometry welds in friction stir welding of aluminium alloy	2021	Archives of Metallurgy and Materials	66	3		881	886	Article
108	Muppalaneni N.B., Prathima C.	A Secure Smart Shopping Cart Using RFID Tag in IoT	2021	Lecture Notes in Networks and Systems	176 LNNS			701	712	Conference Paper
109	Abbagalla S., Rupa Devi B., Anjaiah P., Reddy Madhavi K.	Analysis of COVID-19-Impacted Zone Using Machine Learning Algorithms	2021	Lecture Notes on Data Engineering and Communications Technologies	63			621	627	Book Chapter
110	Reddy Madhavi K., Vijaya Sambhavi Y., Sudhakara M., Srujan Raju K.	COVID-19 Isolation Monitoring System	2021	Lecture Notes on Data Engineering and Communications Technologies	63			601	609	Book Chapter
111	Avanija J., Sunitha G., Reddy Madhavi K., Hitesh Sai Vittal R.	An Automated Approach for Detection of Intracranial Haemorrhage Using DenseNets	2021	Lecture Notes on Data Engineering and Communications Technologies	63			611	619	Book Chapter
112	Madhavi K.R., Madhavi G., Krishnaveni C.V., Kora P.	COVID-19 Detection Using Deep Learning	2021	Advances in Intelligent Systems and Computing	1375 AIST			263	269	Conference Paper
113	Addepalli T., Anitha V.R.	Design of a Compact 2 x 2 MIMO Diversity Antenna for X-band Applications	2021	Lecture Notes in Electrical Engineering	722 LNEE			23	34	Conference Paper
114	Swamy K.A., Sushma C., Alex Z.C., Prathima S.	A Non-Uniform Digital Filter Bank Hearing Aid for Aged People with Hearing Disability	2021	Lecture Notes in Electrical Engineering	722 LNEE			179	197	Conference Paper
115	Medida L.H., Ramani K.	Impact of Deep Learning on Localizing and Recognizing Handwritten Text in Lecture Videos	2021	International Journal of Advanced Computer Science and Applications	12	4		336	344	Article
116	Prathima C., Muppalaneni N.B.	Deep Learning Approach for Prediction of Handwritten Telugu Vowels	2021	Smart Innovation, Systems and Technologies	213 SIST			367	374	Conference Paper
117	Bhasha P., Pavan Kumar T., Baseer K.K., Jyothsna V.	An IoT-Based BLYNK Server Application for Infant Monitoring Alert System to Detect Crying and Wetness of a Baby	2021	Advances in Intelligent Systems and Computing	1312 AISC			55	65	Conference Paper
118	Davanam G., Pavan Kumar T., Sunil Kumar M.	Novel Defense Framework for Cross-layer Attacks in Cognitive Radio Networks	2021	Advances in Intelligent Systems and Computing	1312 AISC			23	33	Conference Paper
119	Reddy A.R., Ghantasala G.S.P., Patan R., Manikandan R., Kallam S.	Smart Assistance of Elderly Individuals in Emergency Situations at Home	2021	Internet of Things				95	115	Book Chapter

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120	Sachuthananthan B., Krupakaran R.L., Balaji G.	Exploration on the behaviour pattern of a DI diesel engine using magnesium oxide nano additive with plastic pyrolysis oil as alternate fuel	2021	International Journal of Ambient Energy	42	6		701	712	Article
121	Ganesh D., Kumar T.P., Kumar M.S.	Optimised levenshtein centroid cross-layer defence for multi-hop cognitive radio networks	2021	IET Communications	15	2		245	256	Article
122	Praveena H.D., Subhas C., Rama Naidu K.	Classification and discrimination of focal and non-focal EEG signals using hybrid features and support vector machine	2021	International Journal of Advanced Intelligence Paradigms	18	3		417	437	Article
123	Raja S., Manikumar R., Benruben R., Ragunathan S.	Effect of backing plate on strength and microstructural characteristics of friction stir welded AA2014-T6 aluminium alloy joints	2021	Materials Today: Proceedings	45			895	899	Conference Paper
124	Hemanth Kumar G., Ramesh G.P., Ravindra Murthy C.	Energy Efficient Multi-hop Routing Techniques for Cluster Head Selection in Wireless Sensor Networks	2021	Intelligent Systems Reference Library	193			3	9	Book Chapter
125	Davanam G., Pavan Kumar T., Sunil Kumar M.	Efficient energy management for reducing cross layer attacks in cognitive radio networks	2021	Journal of Green Engineering	11	2		1412	1426	Article
126	Medida L.H., Ramani K.	Deep Learning and its Applications: A Real-World Perspective	2021	EAI/Springer Innovations in Communication and Computing				149	166	Book Chapter
127	Sunitha G., Avanija J.	Program assessment and evaluation for continuous quality improvement	2021	Journal of Engineering Education Transformations	34	3		42	55	Article
128	Swapna G., Ajmath K.A., Thumbur G.	An efficient pairing-free certificateless signcryption scheme with public verifiability	2021	Journal of Mathematical and Computational Science	11	1		24	43	Article
129	B.V.V.N., Varaprasad K.C., Prahada Rao K.	Machinability analysis on wire electrical discharge machining of stir casted AA2024/Al2O3/BN hybrid composite for aerospace applications	2021	Materials and Manufacturing Processes	36	6		730	743	Article
130	Babu S.K., Kumar C.V.M.S.N.P.	Non-dominated sorting particle swarm optimisation for multi-channel cooperative spectrum sensing in heterogeneous green CRNs	2021	International Journal of Advanced Intelligence Paradigms	18	1		25	45	Article
131	Hemanth Kumar B., Bhavani A., Jeevithesh C.V., Padmanaban S., Subburaj V.	A New Series-Parallel Switched Capacitor Configuration of a DC-DC Converter for Variable Voltage Applications	2021	Green Energy and Technology				247	270	Book Chapter
132	Binoj J.S., Manikandan N., Varaprasad K.C., Thejasree P., Raju R.	Investigations on Wire Spark Erosion Machining of AA 6061 Alloy Using Taguchi's Approach	2021	Lecture Notes in Mechanical Engineering	23			577	585	Conference Paper
133	Palanisamy D., Manikandan N., Raju R., Arul Kirubakaran D., Binoj J.S.	Prediction of Performance Measures in Wire Electrical Discharge Machining of Aluminum-Fly Ash Composites Using Regression Analysis	2021	Lecture Notes in Mechanical Engineering	23			387	396	Conference Paper
134	Vishnu Vardhana Naidu B., Varaprasad K.C., Manikandan N., Binoj J.S.	Development of Multiple Regression Models for Wire Spark Erosion Machining of AA2024 Alloy	2021	Lecture Notes in Mechanical Engineering	23			653	661	Conference Paper
135	Manikandan N., Binoj J.S., Krishnamachary P.C., Thejasree P., Arul Kirubakaran D.	Predictive Models for Wire Spark Erosion Machining of AA 7075 Alloy Using Multiple Regression Analysis	2021	Lecture Notes in Mechanical Engineering	23			429	438	Conference Paper
136	Thejasree P., Binoj J.S., Krishnamachary P.C., Manikandan N., Palanisamy D.	Experimental Analysis on Wire Electrical Discharge Machining of Inconel 718 Using Taguchi's Method	2021	Lecture Notes in Mechanical Engineering	23			497	504	Conference Paper
137	Manikandan N., Binoj J.S., Varaprasad K.C., Thejasree P., Raju R.	Investigations on Wire Electrical Discharge Machining of Nickel-Based Superalloy Using Taguchi's Approach	2021	Lecture Notes in Mechanical Engineering	23			267	274	Conference Paper
138	Arulkirubakaran D., Prince M.R., Palanisamy D., Manikandan N., Ramesh R.	ECM Machining and Its Process Optimization for AISI 304 Steel	2021	Lecture Notes in Mechanical Engineering	23			357	365	Conference Paper
139	Amala Mithin Minther Singh A., Arul Franco P., Binoj J.S., Manikandan N.	Evaluation of Mechanical Properties on Ni-Cr Alloy-Coated Marine Structures	2021	Lecture Notes in Mechanical Engineering	23			473	486	Conference Paper
140	Malchi S.K., Kallam S., Al-Turjman F., Patan R.	A trust-based fuzzy neural network for smart data fusion in internet of things	2021	Computers and Electrical Engineering	89		106901			Article
141	Gadekari R.S., Kolatayar S., Chitrachedu R.K.	Experimental Studies on the Suitability of Coconut Shell as a Filler Material in Concrete Cubes	2021	Lecture Notes in Civil Engineering	78			45	53	Conference Paper
142	Satyanaarayana Tallapragada V.V., Nagabhushanam M.V., Pradeep Kumar G.V.	Turbo Code with Hybrid Interleaver in the Presence of Impulsive Noise	2021	Advances in Intelligent Systems and Computing	1165			163	174	Conference Paper
143	Harish Babu D., Samantha Kumari S., Satya Narayana P.V.	Chemical Reaction and Thermophoresis Effects on MHD Mixed Convection Flow Over an Inclined Porous Plate with Variable Suction	2021	Lecture Notes in Mechanical Engineering				723	735	Conference Paper
144	Harinath Reddy S., Harish Babu D., Kumaraswamy Naidu K., Raju M.C., Satya Narayana P.V.	The Characteristics of Heat and Mass Transfer on MHD Fluid Flow over a Moving Melting Surface	2021	Lecture Notes in Mechanical Engineering				737	748	Conference Paper
145	Durga Prasad P., Sivaraj R., Madhusudhana Rao B., Raju C.S.K., Venkateswara Raju K., Varma S.V.K.	Unsteady Casson MHD Flow Due to Shrinking Surface with Suction and Dissipation	2021	Lecture Notes in Mechanical Engineering				549	558	Conference Paper

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147	Yogaprasad K., Anitha V.R.	CPW Fed Hexa-to-Hexa Fractal Antenna for Multiband Applications	2021	Lecture Notes in Electrical Engineering	655			277	283	Conference Paper
148	Reddy G.V., Rasu N.G., Prasad T.H.	Analysis of performance and emission characteristics of TBC coated low heat rejection engine	2021	International Journal of Ambient Energy	42	7		808	815	Article
149	Padmaja, N., Yashoda, P., Sridharan, M.	Design of graphic user interface model for processing atmospheric radar signals	2021	The International journal of analytical and experimental modal analysis	13	3		946	953	Article
150	Rajyalakshmi, C., Bharathi, M., Yasha Jyothi, M.	VLSI implementation of multiply and accumulate unit using distributed arithmetic	2021	Biosc.Biotech.Res.Comm	13	5		212	217	Article
151	Damodaram, D.	MIMO based cooperative communication and joint maximum-likelihood detection for cognitive radio system	2021	International Journal of Recent Technology and Engineering	10	1		39	43	Article
152	Vijaya Kishore, V., Kalpana, V.	Impact of noise in the quantification of ILD patterns in lung CT images	2021	International Journal of Future Generation Communication and Networking	14	1		2578	2768	Article
153	Satyanarayana, V., Balaji, M., Neelima, K.	Optimal of 1-bit comparator design and energy estimation using quantum dot cellular automata	2021	International Journal of Engineering and Applied Physics	1	2		103	110	Article
154	Bhanu Sandhya, T., Venkata Sudhakar, C., Ganesh Kumar, G.	Design and synthesis of two bit asynchronous and two bit synchronous counter with conventional and reversible logic	2021	International Journal of Engineering Research & Technology	9	8		46	50	Article
155	Niharika, A., Naresh, G., Neelima, K.	Design of Three Input Floating Point Adder or Subtractor	2021	International Journal of Engineering Research & Technology	9	8		51	53	Article
156	Harikrishnan., G., Mohandass, G., Hemalatha, R.J.	Pediatrics cerebral palsy and epilepsy - clinical overview	2021	International Research Journal of Modernization in Engineering Technology and Science	8	3		42	47	Article
157	Leleedhar Rao, K., Amit Jain.	Comparative Analysis of Solar PV Modules Performance for Up-scaling Green Electricity Contribution	2021	Bulletin Monumental	9	5		97	105	Article
158	Manikandan, K., Subramaniyan., V., Vignesh, D.	Instantaneous Allocation of DG and DSTATCOM for Loss Reduction and Voltage Profile Enhancement in Radial Distribution Network	2021	Journal of Emerging Technologies and Innovative Research	8	6		140	148	Article
159	Maanvitha., K., Deepthi., T., Sowmya Sree., N., Prathima, Ch.	Air Quality Monitoring System	2021	Kala Sarovar	23	2		24	28	Article
160	Suresh Kumar, A., Muthukannan., Arun Kumar., Chithambar Ganesh, A.	Mathematical Prediction on the strength and behaviour of structural member by incorporating Incinerated Bio-Medical Waste Ash in Ground Granulated Blast Furnace Slag based Geopolymer Concrete	2021	Turkish Journal of Computer and Mathematics Education	12	10		4070	4079	Article
161	Sasikumar G., Naresh Babu M., Sandhya Kumari, G.	EEG Signal Denoising Using Haar Transform and Maximal Overlap Discrete Wavelet Transform (MODWT) for the Finding of Epilepsy	2021	Epilepsy						Book Chapter
162	Shukla., K., Muthumanickam, T., Sheela, V.	MEMS Based Gesture Controlled Robot Using Wireless Communication	2021	International E- Conference on Advances in Information Technology, Business Management, and e-Commerce						Conference Paper
163	Krishna Moorthy, T., Aruna Priya, P.	Nano-Devices for High Speed Switching Applications: A Review	2021	International Conference on Electronics, Photonics and Smart Technologies						Conference Paper
164	Ravi Kumar Naidu., T., Gowtham Prasad, V., Susila, M.	Developments And Challenges in the Design of Active Integrated Antennas	2021	International Conference on Electronics, Photonics and Smart Technologies						Conference Paper
165	Yasmine Begum., A., Balaji., M, Padmaja, M.	Experimenting with Design of Low Power Johnson Counter using Lector Technique using 50nm Technology	2021	Recent Developments in Engineering Research						Conference Paper
166	Bhuvana Suganthi, D., Gobalakrishnan, N., Chinnasamy A., Satyanarayana, T.	Edge Computing	2021	Emerging Technologies in Engineering Research						Conference Paper
167	Ashok Kumar., Kavitha., A., Venkatramana, P., Durgesh Nandan.	Architecture Design: Network-on-Chip	2021	VLSI Architecture for Signal, Speech, and Image Processing.						Conference Paper
168	Ashok Kumar, N., Vishnu Priyan., S., Venkatramana, P., Durgesh Nandan.	Routing Strategy: Network-on-Chip Architectures	2021	VLSI Architecture for Signal, Speech, and Image Processing						Conference Paper
169	Geetha., P., Praveena, H.D., Sudha, K.	Global Warming	2021	Diamond English Essays						Book Chapter
170	Praveena, H.D., Geetha, P., Sudha, K.	A non- destructive method of measuring Chlorophyll	2021	Diamond EnglishEssays						Book Chapter
171	Sudha, K., Praveena, H.D., Geetha, P.	Online Education	2021	Diamond English Essays						Book Chapter

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172	Leleedhar Rao, K., Bandi Kumari.	Exploration of Energy Consumption In Existing Cooking System	2021	Reaching The Heights Of Technology Trends						Book Chapter
173	Kamal Kumar, U., Suresh Babu, D., Ramlinga Reddy, M.	Enhancing the performance of Distribution systems using PSO	2021	Reaching The Heights Of Technology Trends						Book Chapter
174	Suresh Babu, D., Kamal Kumar, U., Durgam Pravalika., Venkatramu, P.S.	Cyber Security in Power System:A Review	2021	Reaching The Heights Of Technology Trends						Book Chapter
175	Kumar, Y.B.K., Doddipalli, R.R., Nagamalleswari, D., Tarigonda, H.	Fabrication of CuSbS ₂ Thin Film Solar Cells by Using Chemical Spray Pyrolysis	2022	SAE Technical Papers						Conference Paper
176	Tarigonda, H., Gangula, V.R., Ratnaraju, P., Doddipalli, R.R., Krupakaran, R.L.	Effect of TBC, Turbocharger and EGR on the Performance of Diesel Engine Using Biodiesel	2022	SAE Technical Papers						Conference Paper
177	Gangula, V.R., Krupakaran, R.L., Tarigonda, H., Kala, K.L., Doddipalli, R.R.	Optimization of the Effect of Low Heat Rejection Diesel Engine Using Biodiesel with Taguchi Method	2022	SAE Technical Papers						Conference Paper
178	Arunachalam, S.K., Muthiah, M., Rangaswamy, K.D., Kadarkarai, A., Arunasankar, C.G.	Improving the structural performance of reinforced geopolymer concrete incorporated with hazardous heavy metal waste ash	2022	World Journal of Engineering	19	6		808	821	Article
179	Khiani, S., Mohamed Iqbal, M., Dhakne, A., Sai Thrinath, B.V., Gayathri, P.G., Thiagarajan, R.	An effectual IOT coupled EEG analysing model for continuous patient monitoring	2022	Measurement: Sensors	24		100597			Article
180	Aroulanandam, V.V., Satyam, Sherubha, P., Lalitha, K., Hymavathi, J., Thiagarajan, R.	Sensor data fusion for optimal robotic navigation using regression based on an IOT system	2022	Measurement: Sensors	24		100598			Article
181	Singh, N., Sasirekha, S.P., Dhakne, A., Thrinath, B.V.S., Ramya, D., Thiagarajan, R.	IOT enabled hybrid model with learning ability for E-health care systems	2022	Measurement: Sensors	24		100567			Article
182	Priyatharsini, G.S., Babu, A.J., Kiran, M.G., Sathish Kumar, P.J., Nelson Kennedy Babu, C., Ali, A.	Self secured model for cloud based IOT systems	2022	Measurement: Sensors	24		100490			Article
183	Shyam Sunder Reddy, K., Manohara, M., Shailaja, K., Revathy, P., Kumar, T.M., Premalatha, G.	Power management using AI-based IOT systems	2022	Measurement: Sensors	24		100551			Article
184	Orekanti, E.R., Puram, R.	Pullout Behaviour of Micropiles Stabilized with Fly Ash	2022	International Journal of Geosynthetics and Ground Engineering	8	6	69			Article
185	Kasat, K., Rani, D.L., Khan, B., J. A., Kirubakaran, M.K., Malathi, P.	A novel security framework for healthcare data through IOT sensors	2022	Measurement: Sensors	24		100535			Article
186	Satyanarayana, T.V.V., Mohana Roopa, Y., Maheswari, M., Patil, M.B., Tamrakar, A.K., Prabhu Shankar, B.	A secured IoT-based model for human health through sensor data	2022	Measurement: Sensors	24		100516			Article
187	Madhuri, N.S., Shailaja, K., Saha, D., P, R., Glory, K.B., Sumithra, M.	IOT integrated smart grid management system for effective energy management	2022	Measurement: Sensors	24		100488			Article
188	Venkataresh, M., Yadav, R., Thiagarajan, D., Yasotha, S., Ramkumar, G., Varma, P.S.	Effective proactive routing protocol using smart nodes system	2022	Measurement: Sensors	24		100456			Article
189	Selvakanmani, S., B, A., Devi, G.N.R., Misra, S., R, J., Perli, S.B.	Deep learning approach to solve image retrieval issues associated with IOT sensors	2022	Measurement: Sensors	24		100458			Article
190	Arunkumar, K., Muthukannan, M., Kumar, A.S., Ganesh, A.C., Devi, R.K.	INFLUENCE OF HYBRID FIBRES ON THE MECHANICAL CHARACTERIZATION OF LOW CALCIUM GEOPOLYMER CONCRETE	2022	Journal of Technology	37	4		225	235	Article
191	Chawla, R., Beram, S.M., Murthy, C.R., Thiruvendakam, T., Bhavani, N.P.G., Saravanakumar, R., Sathishkumar, P.J.	Brain tumor recognition using an integrated bat algorithm with a convolutional neural network approach	2022	Measurement: Sensors	24		100426			Article
192	Reddy, S.H., Umamaheswar, M., Reddy, P.C., Naidu, K.K., Babu, D.H., Raju, M.C., Reddy, E.K.	MHD flow pattern in a parabolic mode based on the angle of inclination under cross-diffusion	2022	Heat Transfer	51	8		7688	7704	Article
193	Gunasekar, S., Joselin Retna Kumar, G., Dileep Kumar, Y.	Sustainable optimized LSTM-based intelligent system for air quality prediction in Chennai	2022	Acta Geophysica	70	6		2889	2899	Article
194	Kumar, M.V., Alzein, R., Ganesh, A.C., Kumar, K.R., Gurumoorthy, N., Adesina, A.	Analytical investigation of the influence of various void shape and spacing on the load-bearing behavior of concrete hollow core slabs	2022	Journal of Building Pathology and Rehabilitation	7	1	4			Article
195	Malarvizhi, N., Aswini, J., Sasikala, S., Chakravarthy, M.H., Neeba, E.A.	RETRACTED ARTICLE: Multi-parameter optimization for load balancing with effective task scheduling and resource sharing(Journal of Ambient Intelligence and Humanized Computing, (2021), 13, (9), 10.1007/s12652-021-03005-2)	2022	Journal of Ambient Intelligence and Humanized Computing	13			75		Article
196	Gayathri, A., Aswini, J., Divya, R., SenthilKannan, K., Aranganayagam, K.R., Vimalan, M., Mohamed, M.G.	Simulation, Computational Sort by using Coding, Softwares for Elucidation of Structure and for Calculation of Energy, Force Field, Interactions of Carbon Nano Tubes (CNTs)	2022	AIP Conference Proceedings	2446		100024			Conference Paper


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198	Kumar, Y.B.K., Nagamalleswari, D., Babu, G.S.	Deposition of Cu ₂ ZnSnS ₄ thin film at different solution flow rates	2022	Physica B: Condensed Matter	645		414263			Article
199	Thrinath, B.V.S., Prabhu, S., Nayak, B.M.	Power quality improvement by using photovoltaic based shunt active harmonic filter with Z-source inverter converter	2022	Electrical Engineering and Electromechanics	2022	6		35	41	Article
200	Parimalasundar, E., Kumar, N.M.G., Geetha, P., Suresh, K.	Performance investigation of modular multilevel inverter topologies for photovoltaic applications with minimal switches	2022	Electrical Engineering and Electromechanics	2022	6		28	34	Article
201	Sharma, S.K., Grewal, H.S., Saxena, K.K., Mohammed, K.A., Prakash, C., Davim, J.P., Buddhi, D., Raju, R., Mohan, D.G., Tomków, J.	Advancements in the Additive Manufacturing of Magnesium and Aluminum Alloys through Laser-Based Approach	2022	Materials	15	22	8122			Review
202	Davanam, G., Kallam, S., Singh, N., Gunjan, V.K., Roy, S., Rahebi, J., Farzamia, A., Saad, I.	Multi-Controller Model for Improving the Performance of IoT Networks	2022	Energies	15	22	8738			Article
203	Binoj, J.S., Manikandan, N., Mansingh, B.B., Anbazhagan, V.N., Bharathiraja, G., Siengchin, S., Sanjay, M.R., Indran, S.	Taguchi's Optimization of Areca Fruit Husk Fiber Mechanical Properties for Polymer Composite Applications	2022	Fibers and Polymers	23	11		3207	3213	Article
204	Sudhakar, M., Meena, M.J., Madhavi, K.R., Anjaiah, P., Prakash K, L.N.C.	Fish Classification Using Deep Learning on Small Scale and Low-Quality Images	2022	International Journal of Intelligent Systems and Applications in Engineering	10	1s		282	293	Article
205	Karuppiah, K., Uma Maheswari, N., Balamurugan, N., Venkatesh, R.	Diagnosis of heart disease using improved genetic algorithm-based naive bayes classifier	2022	Using Multimedia Systems, Tools, and Technologies for Smart Healthcare Services				117	140	Book Chapter
206	Natarajan, M., Pasupuleti, T., Silambarasan, R., Ramesh, R., Katta, L.N.	Development of Prediction Models for Spark Erosion Machining of SS304 Using Regression Analysis	2022	SAE Technical Papers						Conference Paper
207	Naidu, B.V.V., Natarajan, M., Ramesh, R., Somsale, L.N., Pasupuleti, T.	Machinability Studies on Wire Electrical Discharge Machining of Aluminium Based Metal Matrix Composite for Automotive Applications	2022	SAE Technical Papers						Conference Paper
208	Doddipalli, R.R., Krupakaran, R.L., Gangula, V.R., Tarigonda, H., Anchupogu, P., Petla, R.K.	A Comparison of Coated and Uncoated Diesel Engine Performance and Emission Characteristics Powered by Chlorella Vulgaris Biodiesel Blend with an Assistance of Alumina Nano Additive	2022	SAE Technical Papers						Conference Paper
209	Pasupuleti, T., Natarajan, M., Silambarasan, R., Ramesh, R.	Development of Regression Models for Laser Beam Welding of Inconel 718 Alloy Thin Sheets	2022	SAE Technical Papers						Conference Paper
210	Pasupuleti, T., Natarajan, M., Krishnamachary, P.C., Ramesh, R.	Investigations on advanced Joining Method for Inconel 718 and SS304 Dissimilar Joints	2022	SAE Technical Papers						Conference Paper
211	Anitha, K., Aswini, J., Sabitha, R., Nalini, M.	An intelligent traffic management system adapting image processing techniques in comparison with wireless sensor monitoring	2022	AIP Conference Proceedings	2519		50056			Conference Paper
212	Kumar, N.M.G., Sekhar, A.H., Reddy, K.B.N.K., Angulakshmi, M., Shah, D.U.	Remote Fault Identification and Analysis in Electrical Distribution Network Using Artificial Intelligence	2022	International Journal of Electrical and Electronics Research	10	4		1213	1218	Article
213	Geetha, P., Jothiprashanth, R.S.	Low-cost Energy Harvesting using ZnO Nanorods on Paper Substrate	2022	ECS Journal of Solid State Science and Technology	11	10	105001			Article
214	Rambabu, G., Kiran, Y.B.R., Tarakeswar, Y., Khalivulla, S.I., Barbosa, L.C.A., Vijayakumar, V.	Montmorillonite K10 Clay Catalyzed Synthesis of Novel β -Aminocarbonyl Compounds and Their Biological Evaluation	2022	Chemistry and Biodiversity	19	10	e202200669			Article
215	Liu, L., Shafiq, M., Sonawane, V.R., Murthy, M.Y.B., Reddy, P.C.S., Reddy, K.M.N.C.K.	Spectrum trading and sharing in unmanned aerial vehicles based on distributed blockchain consortium system	2022	Computers and Electrical Engineering	103		108255			Article
216	Venkata Sudhakar, C., Umamaheswara Reddy, G., Usha Rani, N.	Delineation and evaluation of the captive limestone mining area change and its influence on the environment using multispectral satellite images for industrial long-term sustainability	2022	Cleaner Engineering and Technology	10		100551			Article
217	Tarigonda, H., Shaik, D.P.M.D., Reddy, D.R.R., Reddy, G.V.S.	Experimental Investigation on the Heat Pipe using Al ₂ O ₃ and CuO Hybrid Nanofluid	2022	International Journal of Thermophysics	43	10	153			Article
218	Basha, S.K.T., Kalla, R.M.N., Varalakshmi, M., Sudhamani, H., Appa, R.M., Chul Hong, S., Raju, C.N.	Heterogeneous catalyst SiO ₂ -LaCl ₃ ·7H ₂ O: characterization and microwave-assisted green synthesis of α -aminophosphonates and their antimicrobial activity	2022	Molecular Diversity	26	5		2703	2715	Article


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220	Harathi, N., Subramanian, K., Sarkar, A., Selvarajan, R.	Performance Evaluation of SAW-Based Hydrogen Gas Sensors with Different IDT Geometries	2022	Nano LIFE	12	3	2250009			Article
221	Suryanarayana, G., Varadarajan, V., Pillutla, S.R., Nagajyothi, G., Kotapati, G.	Multiple Degradation Skilled Network for Infrared and Visible Image Fusion Based on Multi-Resolution SVD Updation	2022	Mathematics	10	18	3389			Article
222	Kannan, K.S., Sunitha, G., Deepa, S.N., Vijendra Babu, D., Avanija, J.	A multi-objective load balancing and power minimization in cloud using bio-inspired algorithms	2022	Computers and Electrical Engineering	102		108225			Article
223	Sunitha, G., Arunachalam, R., Abd-Elnaby, M., Eid, M.M.A., Rashed, A.N.Z.	A comparative analysis of deep neural network architectures for the dynamic diagnosis of COVID-19 based on acoustic cough features	2022	International Journal of Imaging Systems and Technology	32	5		1433	1446	Article
224	Tarakaramu, N., Satya Narayana, P.V., Sivajothi, R., Bhagya Lakshmi, K., Harish Babu, D., Venkateswarlu, B.	Three-dimensional non-Newtonian couple stress fluid flow over a permeable stretching surface with nonlinear thermal radiation and heat source effects	2022	Heat Transfer	51	6		5348	5367	Article
225	Harish Babu, D., Venkateswarlu, B., Sarojamma, G., Satya Narayana, P.V.	Coupled Impression of Radiative Thermal Flux and Lorentz Force on the Water Carrying Composite Nanoliquid Streaming Past an Elastic Sheet	2022	Journal of Thermal Science and Engineering Applications	14	9	91002			Article
226	Manorama Devi, B., Vemuri, S., Chandrashekhara, A., Sushama, C., Nandankar, P.V., Kundu, P.	Impact of COVID-19 pandemic and the diagnosis of the virus in the human body	2022	World Journal of Engineering	19	5		652	657	Article
227	Radhakrishnan Lawrence, K., Huang, Z., Nguyen, X.P., Balasubramanian, D., Gangula, V.R., Doddipalli, R.R., Le, V.V., Bharathy, S., Hoang, A.T.	Exploration over combined impacts of modified piston bowl geometry and tert-butyl hydroquinone additive-included biodiesel/diesel blend on diesel engine behaviors	2022	Fuel	322		124206			Article
228	Mathakala, V., Muppuru, M.K., Palempalli, U.M.D.	Halophila beccarii extract ameliorate glucose uptake in 3T3-L1 adipocyte cells and improves glucose homeostasis in streptozotocin-induced diabetic rats	2022	Heliyon	8	8	e10252			Article
229	Raj, A.G.S., Mishra, C.S.	Simulation and experimental data resemblance of darmstadt spark ignition engine with different turbulence models – A computational fluid dynamics cold flow data	2022	Data in Brief	43		108340			Data Paper
230	Moulali, P., Tarigonda, H., Prasad, B.D.	Optimization of Performance Characteristics of Homogeneous Charge Compression Ignition Engine with Biodiesel using Artificial Neural Network (ANN) and Response Surface Methodology (RSM)	2022	Journal of The Institution of Engineers (India): Series C	103	4		875	888	Article
231	Cheepati, K.R., Rivera, M., Wheeler, P., Subburaj, V., Krishnan, S., Daram, S.B., Amaresh, K.	A Two-Step Horizon Optimum Switching Vector-Model Predictive Control with a Novel Shunt Active Filter Reference Current Extraction	2022	Journal of Circuits, Systems and Computers	31	10	2250174			Article
232	Jyothsna, V., Munivara Prasad, K., GopiChand, G., Durga Bhavani, D.	DLMHS: Flow-based intrusion detection system using deep learning neural network and meta-heuristic scale	2022	International Journal of Communication Systems	35	10	e5159			Article
233	Pamula Pullaiah, N.R., Venkatesekhar, D., Venkatramana, P., Sudhakar, B.	Binary differential evolution with self learning and deep neural network for breast cancer classification	2022	Concurrency and Computation: Practice and Experience	34	15	e6951			Article
234	Nimmagadda, P., Swamy, K.A., Prathima, S., Chintla, S., Alex, Z.C.	Short-term uncleaned signal to noise threshold ratio based end-to-end time domain speech enhancement in digital hearing aids	2022	Indonesian Journal of Electrical Engineering and Computer Science	27	1		131	138	Article
235	Neelima, K., Chennapalli, S.	Post-pandemic global inequalities: Causes and measures	2022	Emerging Trends and Insights on Economic Inequality in the Wake of Global Crises				40	55	Book Chapter
236	Buragadda, V., Kompala, M.P.	Effect of Novel Chicken Feather-Jute Geotextile Composite Reinforcement on Sand Load Bearing Capacity: An Experimental Study	2022	International Journal of Geosynthetics and Ground Engineering	8	3	42			Article
237	Devaraj, S., Yarrakula, K., Martha, T.R., Murugesan, G.P., Vaka, D.S., Surampudi, S., Wadhwa, A., Loganathan, P., Budamala, V.	Time series SAR interferometry approach for landslide identification in mountainous areas of Western Ghats, India	2022	Journal of Earth System Science	131	2	133			Article
238	Seshadri Ramana, K., Bala Chowdappa, K., Obulesu, O., Mandru, D.B., Kallam, S.	Deep convolution neural networks learned image classification for early cancer detection using lightweight	2022	Soft Computing	26	12		5937	5943	Article

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240	Kumar, G.H., Ramesh, G.P.	Node localization algorithm for detecting malicious nodes to prevent connection failures and improve end-to-end delay	2022	Computer Communications	190			37	47	Article
241	Sujatha, D., Subramaniam, M., Rene Robin, C.R.	A new design of multimedia big data retrieval enabled by deep feature learning and Adaptive Semantic Similarity Function	2022	Multimedia Systems	28	3		1039	1058	Article
242	Babu, K.S.S., Parandhama, A., Vijaya, R.B.	Significance of heat source/sink on the radiative flow of Cross nanofluid across an exponentially stretching surface towards a stagnation point with chemical reaction	2022	Heat Transfer	51	4		2885	2904	Article
243	Britto, A.S.F., Binoj, J.S., Manikandan, N., Surendranatha, G.M., Naidu, B.V.V., Raveendran, P.S.	Effect of interfacial thickness on microstructure, mechanical properties, and modelling of diffusion fused dissimilar Al alloys for process optimization using ANN-GA method	2022	Multiscale and Multidisciplinary Modeling, Experiments and Design	5	2		105	117	Article
244	Mekala, M.S., Dhiman, G., Patan, R., Kallam, S., Ramana, K., Yadav, K., Alharbi, A.O.	Deep learning-influenced joint vehicle-to-infrastructure and vehicle-to-vehicle communication approach for internet of vehicles	2022	Expert Systems	39	5	e12815			Article
245	Sreelakshmi, S., Sujatha, M.S., Rahul, J.R.	Multi-level inverter with novel carrier pulse width modulation technique for high voltage applications	2022	Indonesian Journal of Electrical Engineering and Computer Science	26	2		667	674	Article
246	Sunitha, G., Geetha, K., Neelakandan, S., Pundir, A.K.S., Hemalatha, S., Kumar, V.	Intelligent deep learning based ethnicity recognition and classification using facial images	2022	Image and Vision Computing	121		104404			Article
247	Uma Ravi Sankar, A., Varalakshmi, M., Kiran, Y.B., Rambabu, G., Yoon, K.R.	Design and Synthesis of new binuclear photo luminescent Europium (III) complex	2022	Inorganic Chemistry Communications	139		109328			Article
248	Harathi, N., Bollu, M., Pasupuleti, K.S., Tauanov, Z., Peta, K.R., Kim, M.-D., Reddeppa, M., Sarkar, A., Rao, V.N.	PrGO decorated TiO2 nanoplates hybrid nanocomposite for augmented NO2 gas detection with faster gas kinetics under UV light irradiation	2022	Sensors and Actuators B: Chemical	358		131503			Article
249	Sathish, K., Narayana, Y.V., Mekala, M.S., Rizwan, P., Kallam, S.	Efficient tumor volume measurement and segmentation approach for CT image based on twin support vector machines	2022	Neural Computing and Applications	34	9		7199	7207	Article
250	Aswini, J., Yamini, B., Jatohu, R., Nayaki, K.S., Nalini, M.	An efficient cloud-based healthcare services paradigm for chronic kidney disease prediction application using boosted support vector machine	2022	Concurrency and Computation: Practice and Experience	34	10	e6722			Article
251	Mydukuri, R.V., Kallam, S., Patan, R., Al-Turjman, F., Ramachandran, M.	Deming least square regressed feature selection and Gaussian neuro-fuzzy multi-layered data classifier for early COVID prediction	2022	Expert Systems	39	4	e12694			Article
252	Parimalasundar, E., Jayakumar, S., Ravikumar, R., Suresh, K.	Investigation analysis of open circuit and short circuit fault on cascaded H-bridged multilevel inverter using artificial neural network approach	2022	International Journal of Electrical and Electronics Research	10	2	03225I-IJEER-2022-14	320	326	Article
253	Pushpakumar, K., Varalakshmi, M., Sankar, A.U.R., Naidu, R.M., Umamahesh, K., Reddy, D.V., Raju, C.N.	Synthesis, Spectral Characterization, and Antimicrobial Evaluation of N,N'-(1,4-Phenylene)diurea Derivatives	2022	Russian Journal of Organic Chemistry	58	4		612	618	Article
254	Morasa, B., Nimmagadda, P.	Low power residue number system using lookup table decomposition and finite state machine based post computation	2022	Indonesian Journal of Electrical Engineering and Computer Science	26	1		127	134	Article
255	Madhavi, K.R., Kora, P., Reddy, L.V., Avanija, J., Soujanya, K.L.S., Telagarapu, P.	Cardiac arrhythmia detection using dual-tree wavelet transform and convolutional neural network	2022	Soft Computing	26	7		3561	3571	Article
256	Venkata Sudhakar, C., Umamaheswara Reddy, G.	Land use Land cover change Assessment at Cement Industrial area using Landsat data-hybrid classification in part of YSR Kadapa District, Andhra Pradesh, India	2022	International Journal of Intelligent Systems and Applications in Engineering	10	1		75	86	Article
257	Feroz Khan, A.B., R, H.L., Kalpana Devi, S., Rajalakshmi, C.N.	A multi-attribute based trusted routing for embedded devices in MANET-IoT	2022	Microprocessors and Microsystems	89		104446			Article
258	Thooyavan, Y., Kumaraswamidhas, L.A., Raj, R.E., Binoj, J.S.	Influence of SiC micro and nano particles on tribological, water absorption and mechanical properties of basalt bidirectional mat/vinyl ester composites	2022	Composites Science and Technology	219		109210			Article
259	Balakrishnan, A., Ramana, K., Nanmaran, K., Ramachandran, M., Bhaskar, V., Kallam, S.	RSSI Based Localization and Tracking in a Spatial Network System using Wireless Sensor Networks	2022	Wireless Personal Communications	123	1		879	915	Article

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260	Kavitha, T., Mathai, P.P., Karthikeyan, C., Ashok, M., Kohar, R., Avanija, J., Neelakandan, S.	Deep Learning Based Capsule Neural Network Model for Breast Cancer Diagnosis Using Mammogram Images	2022	Interdisciplinary Sciences – Computational Life Sciences	14	1		113	129	Article
261	Sujatha, D., Subramaniam, M., Kathirvel, A.	Class level multi-feature semantic similarity-based efficient multimedia big data retrieval	2022	Artificial Intelligent Techniques for Wireless Communication and Networking				155	173	Book Chapter
262	Kathirvel, A., Navaneethan, S., Subramaniam, M.	EIDR umpiring security models for wireless sensor networks	2022	Artificial Intelligent Techniques for Wireless Communication and Networking				299	316	Book Chapter
263	Ch, G., S, T., R, R., Sri Sai Satyanarayana, D., Srinivasulu, A., K, K.K.	Association of vaccine medication for the efficacious COVID-19 treatment	2022	World Journal of Engineering	19	1		98	108	Article
264	Kumar, M.S., Harika, A., Sushama, C., Neelima, P.	Automated extraction of non-functional requirements from text files: A supervised learning approach	2022	Handbook of Intelligent Computing and Optimization for Sustainable Development				149	170	Book Chapter
265	Suresh, K., Vijayshankar, S., Sathyaseelan, B., Saravanan, R.	Multi-Input Multi-Output Converter for Universal Power Conversion Operation	2022	Journal of Circuits, Systems and Computers	31	1	2250019			Article
266	Saravanan, R., Vijayshankar, S., Sathyaseelan, Suresh, K.	Integrated DC-AC and AC-DC converter using H-converter for wide range voltage applications	2022	Circuit World	48	1		139	146	Article
267	Siva Subramanian, R., Prabha, D., Maheswari, B., Aswini, J.	Customer analysis using machine learning algorithms: A case study using banking consumer dataset	2022	Advances in Parallel Computing	39			689	694	Conference Paper
268	Daram, S.B., Ak, V., Angadi, R.V., Sesiprabha, K.	An approach to Contingency Severity Prediction using Data Analytic Techniques in a Power System	2022	Proceedings - 2022 International Conference on Smart and Sustainable Technologies in Energy and Power Sectors, SSTEPS 2022				63	67	Conference Paper
269	Angadi, R.V., Daram, S.B., Venkataramu, P.S., Joshi Manohar, V.	Data Mining and Machine Learning Technique in Contingency Analysis of Power System with UPFC	2022	Distributed Generation and Alternative Energy Journal	37	5		1305	1328	Article
270	Anil Kumar, N., Farooq, S.A., Dankan Gowda, V., Sandeep Prabhu, M., Reddy, A.M., Tanguturi, R.	Improved Secure Communication Mechanism for IoT Platform Devices	2022	2022 International Conference on Smart Generation Computing, Communication and Networking, SMART GENCON 2022						Conference Paper
271	Sundaramoorthy, P., Arun, V., Kumar, B.H., Kavali, J., Balaji, M.	Investigations on Novel Hybrid Reluctance Motor for Electric Vehicle Applications [Recherches sur un nouveau moteur à réluctance hybride pour les applications au véhicule électrique]	2022	IEEE Canadian Journal of Electrical and Computer Engineering	45	4		454	465	Article
272	Anil Kumar, N., Kumar, G.K., Girirajan, B., Gopatoti, A., Kiran, S., Sarkar, P.	Image Enhancement Using Laplacian Gaussian Pyramid Based Fusion and Band Rationing Algorithm	2022	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022				463	468	Conference Paper
273	Anitha, C., John, E.P., Kathiresan, K., Krishnakumar, N.J., Karthik, V., Sasidevi, J.	Emotion Identification and Detection from Multichannel EEG Signals Using Artificial Neural Network	2022	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022				2070	2074	Conference Paper
274	Umaeswari, P., Babu, S.B.G.T., Sankaru, G.A., Prasad, G.N.R., Sai Thrinath, B.V., Balasubramanyam, K.	Machine Learning Based Predicting the Assisted Living Care Needs	2022	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022				2141	2146	Conference Paper
275	Moorthy, C.B., Sai Thrinath, B.V., Palanivel, M., Pavani, K., Kumar, P., Kumar Jha, M.	Smart Grid Using Power Internet of Things Architecture	2022	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022				2136	2140	Conference Paper
276	Mahendran, R., Tadiboina, S.N., Sai Thrinath, B.V., Gadgil, A., Madem, S., Srivastava, Y.	Application of Machine Learning and Internet of Things for Identification of Nutrient Deficiencies in Oil Palm	2022	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022				2024	2028	Conference Paper
277	Ravi Kumar, D.N.S., Madhavi, K.R., Praveen, N., Kumar, H.H.P., Srinivas, G., Raju, M.V.	Acoustic Feedback Noise Cancellation in Hearing Aids Using Adaptive Filter	2022	International Journal of Integrated Engineering	14	7		45	55	Article
278	Sakthivel, M., Kant Gupta, S., Karras, D.A., Khang, A., Kumar Dixit, C., Haralayya, B.	Solving Vehicle Routing Problem for Intelligent Systems using Delaunay Triangulation	2022	IEEE International Conference on Knowledge Engineering and Communication Systems, ICKES 2022						Conference Paper
279	Kumar, V.S., Sakthivel, M., Karras, D.A., Kant Gupta, S., Parambil Gangadharan, S.M., Haralayya, B.	Drone Surveillance in Flood Affected Areas using Firefly Algorithm	2022	IEEE International Conference on Knowledge Engineering and Communication Systems, ICKES 2022						Conference Paper
280	Pamula Pullaiah, N.R., Venkatasekhar, D., Venkatramana, P.	Breast Cancer Classification using Customized ResNet based Convolution Neural Networks	2022	IEEE International Conference on Knowledge Engineering and Communication Systems, ICKES 2022						Conference Paper
281	Morasa, B., Anwaraly, Y.B., Chennuru, J.R., Devara, C., Gavvalla, M.	Smart Monitoring System for Waste Management Using IoT	2022	Communications in Computer and Information Science	1738	CCIS		461	470	Conference Paper
282	Begum Anwaraly, Y., Balaji, M.	Design of PLC based Building Control for Energy Optimization	2022	INDICON 2022 - 2022 IEEE 19th India Council International Conference						Conference Paper

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283	Murthy, D.S., Prasad, V.S., Aman, K., Kumar Reddy, M.P., Madhavi, K.R., Sunitha, G.	An Investigative Study of Shallow, Deep and Dense Learning Models for Breast Cancer Detection based on Microcalcifications	2022	2022 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2022						Conference Paper
284	Narendra Kumar Rao, B., Partheeban, P., Naseeba, B., Raju, H.P.	ML Approaches to Detect Email Spam Anamoly	2022	2022 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2022						Conference Paper
285	Balakrishna, N., Sunitha, G., Karthik, A., Madhavi, K.R., Avanija, J.	Tomato Leaf Disease Detection Using Deep Learning: A CNN Approach	2022	2022 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2022						Conference Paper
286	Natarajan, V.A., Bhavishya, G., Siddardha, B., Reddy, B.S.N., Dathusai, G., Sree, G.V.	Detection of Skin Malignancy Using Deep Convolutional Neural Networks with Transfer Learning Techniques	2022	2022 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2022						Conference Paper
287	Sujatha, M.S., Shashank, P., Ahammad, S., Dharma Teja, R., Vijji, K., Hithesh, A.R.	Advanced Protection System for SCADA using Fog Computing	2022	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings				1202	1207	Conference Paper
288	Anil Kumar, N., Vijayalakshmi, S., Baswaraj, D., Selvarajan, P., Chandramohan, S., Tiwari, M.	Towards Internet of Things: Integration of Wireless Sensor Network to Cloud Services for Data Collection and Sharing	2022	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings				363	369	Conference Paper
289	Anantha Natarajan, V., Vardhan, P.V., Priya, N.M.S., Vineeth, N., Parthu, V.	Real-Time Face Mask Detection from CCTV Video Frames using Deep Neural Networks	2022	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings				809	812	Conference Paper
290	Sindhuja, R., Padma, S., Parimalasundar, E., Suresh, K.	Comparison between Symmetrical and Asymmetrical 13 Level MLI with Minimal Switches	2022	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings				187	191	Conference Paper
291	Ravindra, G., Venkateswara Rao, M., Venkatasivanagaraju, S.	Sensor Assisted Ghat Road Navigation and Accident Prevention	2022	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings				1402	1407	Conference Paper
292	Sindhuja, R., Suresh, K., Parimalasundar, E., Padma, S.	A Reconfigurable Multilevel Inverters with Minimal Switches for Battery Charging and Renewable Energy Applications	2022	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings				422	427	Conference Paper
293	Chinamuttevi, V.S., Prasad, K.D.V., Gowda, V.D., Begum, A.Y., Tanguturi, R.C., Ahmed, B.	Implementation of an Early Warning System using Internet of Things and Rainfall Threshold	2022	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings				491	496	Conference Paper
294	Janardhan, K., Parthasarathi, P., Karyemsetty, N., Arunkumar, K., Krishnamoorthy, R., Umapathy, K.	Device Free Human Body Fall Detection to Aid Senior Citizen	2022	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings				1158	1162	Conference Paper
295	Peruthambi, V., Cheepati, K.R., Kumar, D.P., Daram, S.B., Angadi, R.A., Prabha, K.S.	Forecasting the Open Pool Energy Market with Facts Devices and Alternative Energy Sources under Contingency Conditions	2022	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings				416	421	Conference Paper
296	Ravichand, M., Kumar, R., Hazela, B., Suthar, T.	Crack on Brick Wall Detection by Computer Vision using Machine Learning	2022	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings				1017	1020	Conference Paper
297	Damodaram, A.K., Tulasi, Ch.L., Reddy, L.V.	Recent Decade Global Trends in Renewable Energy and Investments - A Review	2022	International Journal of COMADEM	25	3		3	8	Article
298	Depuru, S., Nandam, A., Sivanantham, S., Amala, K., Akshaya, V., Saktivel, M.	Convolutional Neural Network based Human Emotion Recognition System: A Deep Learning Approach	2022	Proceedings - 2nd International Conference on Smart Technologies, Communication and Robotics 2022, STCR 2022						Conference Paper
299	Tallapragada, V.V.S., Reddy, V.D., Varma, S.K.N.V., Bharathi, D.V.N.	Design and Optimization of Fuzzy-Based FIR Filters for Noise Reduction in ECG Signals Using Neural Network	2022	International Journal of Fuzzy System Applications	11	3	A13			Article
300	Tallapragada, V.V.S., Reddy, V.D., Varma, S.K.N.V.	Fuzzy Joint Gaussian-Impulsive Noise Removal Using Joint Distribution Modelling in Sparse Domain	2022	International Journal of Fuzzy System Applications	11	3				Article
301	Balaji, M., Padmaja, N.	High-Speed DSP Pipelining and Retiming techniques for DistributedArithmetic RNS-based FIR Filter Design	2022	WSEAS Transactions on Systems and Control	17			549	556	Article
302	Dharani, D.L., Jagadeesan, S., Madhavi, N.B., Senthilkumar, N.C., Kumar, M.S., Prabhu, K.	CLASSIFICATION OF NITRATE CHEMICAL CONCENTRATION IN GROUND WATER USING CLOUD BASED ARTIFICIAL INTELLIGENCE	2022	European Chemical Bulletin	11	11		90	97	Article
303	Rani, K.S., Jayadurga, R., Raja, V.L., Kumar, M.S., Venkata Rama Swathi, R.S., Kumar, P.	MASS TRANSFER PREDICTION USING ARTIFICIAL NEURAL NETWORK IN AN ALUMINA MATRIX POROUS MEDIA	2022	European Chemical Bulletin	11	11		113	120	Article

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304	Rao, N.K., Challa, N.P., Chakravarthi, S.S., Ranjana, R.	Movie Recommendation System using Machine Learning	2022	4th International Conference on Invention Research in Computing Applications, ICIRCA 2022 - Proceedings				711	716	Conference Paper
305	Avanija, J., Sunitha, G., Madhavi, K.R., Chakravarthi, S.S., Sai Vittal, R.H.	Prediction and Analysis of Cervical Cancer: An Ensemble Approach	2022	4th International Conference on Invention Research in Computing Applications, ICIRCA 2022 - Proceedings				1734	1739	Conference Paper
306	Challa, N.P., Ranjana, R., Chakravarthi, S.S., Rao, N.K.	Virtual Alphabet Recognition using Deep Convolution Neural Networks	2022	4th International Conference on Invention Research in Computing Applications, ICIRCA 2022 - Proceedings				1235	1238	Conference Paper
307	Sivanantham, S., Sakthivel, M., Krishnamoorthy, V., Balakrishna, N., Akshaya, V.	Reliable Data Storage and Sharing using Block chain Technology and Two Fish Encryption	2022	4th International Conference on Invention Research in Computing Applications, ICIRCA 2022 - Proceedings				561	565	Conference Paper
308	Sunitha, G., Prathima, B., Yadav, C.C., Sudeepthi, A., Charitha, C.L., Berinath, V.S.	Speech Recognition based Assistant Bee: Vision to the Impaired	2022	4th International Conference on Invention Research in Computing Applications, ICIRCA 2022 - Proceedings				1535	1540	Conference Paper
309	Reddy, M.K., Kovuri, K., Avanija, J., Sakthivel, M., Kaleru, S.	Brain Stroke Prediction Using Deep Learning: A CNN Approach	2022	4th International Conference on Invention Research in Computing Applications, ICIRCA 2022 - Proceedings				775	780	Conference Paper
310	Prabakar, D., Ganesan, R., Leela Rani, D., Neti, P., Kalyani, N., Mudradi, S.K.	Hybrid Deep Learning Model for Copy Move Image Forgery Detection	2022	6th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2022 - Proceedings				1023	1028	Conference Paper
311	Bharathi, M., Geetha, K., Mani, P.K., Nixon Samuel Vijayakumar, G., Srinivasan, K., Kumar, K.R.	AI and IoT-based Electric Vehicle Monitoring System	2022	6th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2022 - Proceedings				722	727	Conference Paper
312	Kapila, D., Dileep Kumar, Y., Pant, B., Jayapratha, T., Kakoli Rao, A., Gehlot, A.	Design and analysis of the Chameleon scheduling algorithm for reconfigurable computing	2022	Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022				811	816	Conference Paper
313	Ganesan, U., Paul, N.E.E., Krishnan, G.H., Aarathi, S., Swamy, I.K.	Detecting Diabetes Mellitus from Tongue Image Hybrid Features and Neural Network Classifier	2022	Proceedings of 4th International Conference on Cybernetics, Cognition and Machine Learning Applications, ICCMLA 2022				425	427	Conference Paper
314	Divya, N., Neha, P.S., Shivani, S., Reddy, P.N., Sathvik, P.D., Sahith, P.K.	Triple Band Printed Wearable Antenna for Remote Healthcare Monitoring Device	2022	Proceedings of 4th International Conference on Cybernetics, Cognition and Machine Learning Applications, ICCMLA 2022				216	220	Conference Paper
315	Kumari, A., Prasad, K.D.V., Sushama, C., Kale, A.P., Wahul, R.M., Sagar, S.	A Framework for Extracted Data from Social Networking Sites in Addressing the Cross-Site Cold-Start Product Recommendation	2022	International Journal of Intelligent Systems and Applications in Engineering	10	2s		286	290	Article
316	Kumar, K.A., Rajalakshmi, R., Shashikala, H.K., Ganjoo, M., Vats, A., Tyagi, R.	Gestational Diabetes Detection Using Machine Learning Algorithm: Research Challenges of Big Data and Data Mining	2022	International Journal of Intelligent Systems and Applications in Engineering	10	2s		260	263	Article
317	Gondhalekar, G., Ashreeth, B., Thellaputta, G.R., Venkatarameddy, D., Sumithra, M., Karyemsetty, N.	A Safety Assessment Model for Automotive Embedded Systems Networks	2022	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference						Conference Paper
318	Punitha, S., Selvaraj, M., Kumar, N.A., Nagarajan, G., Kiran, C.S., Karyemsetty, N.	Development of Hybrid Optimum Model to Determine the Brake Uncertainties	2022	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference						Conference Paper
319	Parimalasundar, E., Suresh, K., Sindhuja, R., Manikandan, K.	A Performance Investigations of Modular Multilevel Inverter with Reduced Switch Count	2022	Proceedings of 2022 International Conference on Intelligent Innovations in Engineering and Technology, ICIET 2022				83	87	Conference Paper
320	Shanthi, N., Stonier, A.A., Sherine, A., Devaraju, T., Abinash, S., Ajay, R., Arul Prasath, V., Ganji, V.	An integrated approach for mental health assessment using emotion analysis and scales	2022	Healthcare Technology Letters						Article
321	Mani, P.K., Sunagar, P., Madhuri, N.S., Rajah, A.J.L., Ramya, D., Kathir, I.	IoT-based Solar Panel Tracking System to Enhance the Output Power	2022	3rd International Conference on Smart Electronics and Communication, ICOSEC 2022 - Proceedings				488	493	Conference Paper
322	Suresh, K., Parimalasundar, E.	Design and Implementation of Universal Converter Conception et implémentation d'un convertisseur universel	2022	IEEE Canadian Journal of Electrical and Computer Engineering	45	3		272	278	Article
323	Kumar, B.H., Kadam, D.P., Rajitha, S., Sundaramoorthy, P., Penchalaiah, T., Janardhan, K.	Modified Synchronous Reluctance Motor for Electric Vehicle Applications	2022	International Journal of Electrical and Electronics Research	10	4		926	931	Article
324	Geetha, P.	Modeling of ZnO Nanorods on Paper Substrate for Energy Harvesting	2022	International Journal of Electrical and Electronics Research	10	4		954	957	Article

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325	Janardhan, K., Nayak, M., Venkataramana, C., Maheswara Rao, P., Kumar, B.H.	Performance Investigation of Solar Photovoltaic System for Mobile Communication Tower Power Feeding Application	2022	International Journal of Electrical and Electronics Research	10	4		921	925	Article
326	Praveena, H.D., Sudha, K., Geetha, P., Suneetha, I.	A Compact Square and Hexagonal Antennas with Fractal DGS for Mobile Satellite Applications	2022	Journal of Pharmaceutical Negative Results	13	4		962	967	Article
327	Ranjit Reddy, M., Lakshmi Sagar, P., Shaik, N.S.	Diabetes Mellitus Detection and Self Management based on Machine Learning	2022	Journal of Pharmaceutical Negative Results	13	4		1014	1018	Article
328	Sakthivel, M., Sivanantham, S., Akshaya, V., Sivakumar, D., Karthikeyan, H.	A Malicious Botnet Traffic Detection Using Machine Learning	2022	Journal of Pharmaceutical Negative Results	13	4		968	977	Article
329	Yogendra Prasad, P., Nagalakshmi, G., Siva Kumar, P.	Fake News Detection Using Machine Learning	2022	Journal of Pharmaceutical Negative Results	13	4		1024	1030	Article
330	Pujitha, K., Krishna, K.P., Amala, K., Yasaswini, A., Depuru, S., Runvika, K.	Development of Secured Online Parking Spaces	2022	Journal of Pharmaceutical Negative Results	13	4		1010	1013	Article
331	Ramani, K., Suneetha, I., Pushpalatha, N., Harish, P., Yugandhar, P.	Chronic Disease Prediction through Supervised Learning Techniques	2022	Journal of Pharmaceutical Negative Results	13	4		990	998	Article
332	Ramani, K., Suneetha, I., Pushpalatha, N., Harish, P., Yugandhar, P.	Efficient Multi-Object Identification and Guiding System for Visually Impaired	2022	Journal of Pharmaceutical Negative Results	13	4		1019	1023	Article
333	Sivanantham, S., Krishnamoorthy, V., Karthikeyan, D., Sakthivel, M., Mohanraj, V., Akshaya, V.	Web Hazard Identification and Detection Using Deep Learning - A Comparative Study	2022	Journal of Pharmaceutical Negative Results	13	4		1052	1060	Article
334	Depuru, S., Nandam, A., Ramesh, P.A., Saktivel, M., Amala, K., Sivanantham	Human Emotion Recognition System Using Deep Learning Technique	2022	Journal of Pharmaceutical Negative Results	13	4		1031	1035	Article
335	Shukla, D.K., Singh, J., Muthusamy, S., Satpathy, S., Goyal, V.	Workflow task scheduling for homogeneous environments on multiprocessor based on IoT variant of beta artificial bee colony	2022	Transactions on Emerging Telecommunications Technologies						Article
336	Vijayakumar, A., Stonier, A.A., Peter, G., Loganathan, A.K., Ganji, V.	Power quality enhancement in asymmetrical cascaded multilevel inverter using modified carrier level shifted pulse width modulation approach	2022	IET Power Electronics						Article
337	Lavanya, M., Chandan, R.R., Rajasekar, P., Rham, P.R., Deivakani, M., Mahesh Kumar, A.S.	Machine Learning-based Alzheimer's Disease Prediction using Personalized Methods	2022	3rd International Conference on Smart Electronics and Communication, ICOSEC 2022 - Proceedings				1278	1283	Conference Paper
338	Bharathi, M., Prasad, D., Venkatakrishnamoorthy, T., Dharani, M.	Diabetes Diagnostic Method based on Tongue Image Classification Using Machine Learning Algorithms	2022	Journal of Pharmaceutical Negative Results	13	4		1247	1250	Article
339	Agarwal, H., Pandya, K.A., Khut, D., Lenka, S., Karthik, N., Yadav, V.	A Novel Approach to Tackle and Predict Absenteeism of Students Using Deep Learning and Data Analytics	2022	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings				1376	1380	Conference Paper
340	Ganesh, D., Suresh, K., Kumar, M.S., Balaji, K., Burada, S.	Improving Security in Edge Computing by using Cognitive Trust Management Model	2022	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings				524	531	Conference Paper
341	Anitha, C., Devi, K.K., Jayasutha, D., Gomathi, B., Mahaveerakannan, R., Kaur, C.	Development of Medical Internet of Things with Big Data using RF-BFA and DL in Healthcare System	2022	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings				194	199	Conference Paper
342	Awari, H., Subramani, N., Janagaraj, A., Balasubramaniapillai Thanammal, G., Thangarasu, J., Kohar, R.	Three-dimensional dental image segmentation and classification using deep learning with tunicate swarm algorithm	2022	Expert Systems						Article
343	Sudha, K., Praveena, H.D., Suneetha, I., Hemantha, G.R.	A Miniature Circular Polarized Fractal based Antenna for Satellite Applications	2022	Journal of Pharmaceutical Negative Results	13	4		978	984	Article
344	Baburaj, M., Kumar, K.M., Mathew, N.T., Nathan, S.R.	A novel approach to measure kerf-width in wire-electric discharge machining	2022	International Journal of Machining and Machinability of Materials	24	5		331	349	Article
345	Bright, B.M., Selvi, B.J., Abu Hassan, S., Jaafar, M.M., Suchart, S., Mavinkere Rangappa, S., Kurki Nagaraj, B.	Characterization of Natural Cellulosic Fiber from Cocos nucifera Peduncle for Sustainable Biocomposites	2022	Journal of Natural Fibers	19	14		9373	9383	Article
346	Pawar, U.C., Chavan, S.G., Bhole, K.S., Ramesh, R., Oza, A.D.	Optimization of roll forming process for different standard sections of steel structures	2022	International Journal on Interactive Design and Manufacturing						Article
347	Sushma, C., Padmaja, N.	Design of Hearing Aid using Variable Bandwidth Digital FIR Filterbank	2022	Proceedings - 2022 International Conference on Breakthrough in Heuristics and Reciprocation of Advanced Technologies, BHARAT 2022				77	82	Conference Paper
348	Saxena, R., Mandal, A., Chattopdhyay, S., Oza, A.D., Kumar, A., Ramesh, R.	Experimental investigation of electrochemical discharge drilling (ECDM-D) performance characteristics for N-BK7 glass material	2022	International Journal on Interactive Design and Manufacturing						Article
349	Binoj, J.S., Edwin Raj, R., Manikandan, N.	Development of Bio-Composites From Industrial Discarded Fruit Fibers	2022	Natural Polymers: Perspectives and Applications for a Green Approach				41	68	Book Chapter

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350	Alanya-Beltran, J., Akram, S.V., Ajmath, K.A., Valderrama-Zapata, C., Singh, Y., Nomani, M.Z.M.	Implementation of DNN in Cyber Security	2022	Proceedings of the 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2022						Conference Paper
351	Lakshmi, T.S., Govindarajan, M., Srinivasulu, A.	Embedding and Siamese deep neural network-based malware detection in Internet of Things	2022	International Journal of Pervasive Computing and Communications						Article
352	Agbulu, G.P., Kumar, G.J.R., Gunasekar, S.	Energy Management, Design Constraints and Solution for Data Dissemination in Wireless Sensor Networks	2022	Proceedings of the 2022 3rd International Conference on Intelligent Computing, Instrumentation and Control Technologies: Computational Intelligence for Smart Systems, ICICICT 2022				586	595	Conference Paper
353	Dhanalakshmi, P., Venkatesh, V., Ranjit, P.S., Hemalatha, N., Divyapriya, S., Sandhiya, R., Kushwaha, S., Marathe, A., Huluka, M.A.	Application of Machine Learning in Multi-Directional Model to Follow Solar Energy Using Photo Sensor Matrix	2022	International Journal of Photoenergy	2022		5756610			Article
354	Sangamithra, B., Manjunath Swamy, B.E., Sunil Kumar, M.	Personalized Ranking Mechanism Using Yandex Dataset on Machine Learning Approaches	2022	Cognitive Science and Technology				629	639	Book Chapter
355	Prabhu, S., Balaji, M.	Performance Analysis of Permanent Magnet Assisted Outer Rotor Switched Reluctance Motor with Non-Oriented Laminating Material for Electric Transportation Systems	2022	2022 IEEE 2nd International Conference on Sustainable Energy and Future Electric Transportation, SeFeT 2022						Conference Paper
356	Burada, S., Swamy, B.E.M., Kumar, M.S.	Computer-Aided Diagnosis Mechanism for Melanoma Skin Cancer Detection Using Radial Basis Function Network	2022	Cognitive Science and Technology				619	628	Book Chapter
357	Kathirvel, A., Das, D., Kirubakaran, S., Subramaniam, M., Navaneethan, S.	Artificial Intelligence-Based Mobile Bill Payment System Using Biometric Fingerprint	2022	Recurrent Neural Networks: Concepts and Applications				233	245	Book Chapter
358	Neelima, K., Satyam, Teja, N.V., Gireesh, N.	Classification of Diabetic Retinopathy Fundus Images using Deep Neural Network	2022	International Conference on Futuristic Technologies in Control Systems and Renewable Energy, ICFRCR 2022						Conference Paper
359	Dewangan, S., Selvaraj, S.K., Karthikeyan, B., Adane, T.M., Chattopadhyaya, S., Królczyk, G., Raju, R.	Metallographic Investigation on Postweld Heat-Treated 0.21%C-1020 Steel Plates Joined by SMAW Method	2022	Advances in Materials Science and Engineering	2022		9377591			Article
360	Malkiya Rasalin Prince, R., Satya Meher, R., Arulkirubakaran, D., Debnath, T., Darwin Immanuel, I., Jayaprakash, P., Christopher Ezhil Singh, S., Jeen Robert, R.B.	Comprehensive review on lanthanum based thermal barrier coating materials for high temperature applications	2022	Materials Today: Proceedings	68			1769	1774	Article
361	Darji, R.S., Joshi, G.R., Hembrom, S., Kumar, M., Shinde, S.M., Ramesh, R.	Powder mixed electrical discharge machining of Inconel 718: investigation on material removal rate and surface roughness	2022	International Journal on Interactive Design and Manufacturing						Article
362	Sankar, A.M., Reddy, T.K., Nagaraja, Y., Tejaswi, D.	IoT Based Smart Control of Load for Demand Side Management	2022	International Journal of Electrical and Electronics Research	10	3		684	688	Article
363	Prakash, C., Senthil, P., Lakshmi Narayana, S., Ravichandran, A.	Tribological behaviour of hybrid AMMC sliding against EN 31 steel	2022	Materials Today: Proceedings	68			1750	1756	Article
364	Komala, C.R., Vimal, S., Ravindra, G., Hariramakrishnan, P., Razia, S., Geerthik, S., Raja, K., Mohanavel, V., Arappali, N.	Deep Learning for an Innovative Photo Energy Model to Estimate the Energy Distribution in Smart Apartments	2022	International Journal of Photoenergy	2022		1048378			Article
365	Sunitha, G., Madhavi, K.R., Avanija, J., Reddy, S.T.K., Sai Vittal, R.H.	Modeling Convolutional Neural Network for Detection of Plant Leaf Spot Diseases	2022	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings				1187	1192	Conference Paper
366	Manikandan, P., Selija, K., Vasugi, V., Prem Kumar, V., Natrayan, L., Helen Santhi, M., Senthil Kumaran, G.	An Artificial Neural Network Based Prediction of Mechanical and Durability Characteristics of Sustainable Geopolymer Composite	2022	Advances in Civil Engineering	2022		9343330			Article
367	Shinde, S.M., Diwan, M., Niranjana, R.S., Vaikole, S., Ramesh, R.	Geometric optimization of compressor head fin body for effective heat transfer by finite element method	2022	International Journal on Interactive Design and Manufacturing						Article
368	Thejasree, P., Manikandan, N., Raju, R., Narasimhamu, K.L., Surendranatha, G.M., Damodaram, A.K.	Investigations on laser beam welded Inconel 718 weldments	2022	Materials Today: Proceedings	68			1757	1761	Article
369	Sudhakar, T., Hari Krishnan, G., Prem Kumar, J., Divakaran, S., Janney, B., Mohandass, G., Devanesan, P.S., Shalini, S.	Inducement of Artificial Sleep using Low Strength Magnetic Waves	2022	Journal of Physics: Conference Series	2318	1	12028			Conference Paper
370	Gnanarathinam, A., Palanisamy, D., Gangaraju, M., Arulkirubakaran, D., Balachander, E.	Investigation of corrosion behavior of welded area of austenitic stainless steel under different environments	2022	Materials Today: Proceedings	68			1737	1741	Article

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371	Prabhu, S., Sri, M.N.S., Anusha, P., Saravanan, G., Kannan, K., Manickam, S.	Improvement of Mechanical Behavior of FSW Dissimilar Aluminum Alloys by Postweld Heat Treatments	2022	Advances in Materials Science and Engineering	2022		3608984			Article
372	Naidu, K.K., Babu, D.H., Narayana, P.V.S., Reddy, S.H., Chalapathi, T.	CONVECTIVE FLOW OF PRANDTL HYBRID NANOFUID (SWCNT-MWCNT/EG) OVER AN EXPONENTIALLY ELONGATED SHEET WITH SECOND-ORDER SLIP	2022	Journal of Porous Media	25	12		43	57	Article
373	Darwin Immanuel, I., Gangaraju, M., Arulirubakaran, D., Malkiya Rasalin Prince, R., Debnath, T., Palanisamy, D.	Fabrication, mechanical testing, machining of shape memory alloy-A review	2022	Materials Today: Proceedings	68			1718	1723	Article
374	Refaai, M.R.A., Dattu, V.S., Gireesh, N., Dixit, E., Sandeep, C.H., Christopher, D.	Application of IoT-Based Drones in Precision Agriculture for Pest Control	2022	Advances in Materials Science and Engineering	2022		1160258			Article
375	Venkata Sudhakar, C., Umamaheswara Reddy, G., Usha Rani, N.	In situ measurement and management of soil, air, noise and water pollution in and around the Limestone mining area of Yerraguntla, YSR kadapa, Andhra Pradesh, India for the sustainable development	2022	Journal of Applied and Natural Science	14	3		746	761	Article
376	Pitchai, R., Praveena, K., Murugeswari, P., Kumar, A., Mariam Bee, M.K., Alyami, N.M., Sundaram, R.S., Srinivas, B., Vadda, L., Prince, T.	Region Convolutional Neural Network for Brain Tumor Segmentation	2022	Computational Intelligence and Neuroscience	2022		8335255			Article
377	Kumar, B.H., Reddy, P.K.K., Naik, N.R., Tharun, M., Nagaraj, K., Babu, N.M.	Control of Modified Switched Reluctance Motor for EV Applications	2022	International Conference on Trends in Electrical, Electronics, Computer Engineering, TEECCON 2022				123	127	Conference Paper
378	Mansingh, B.B., Binoj J.S., Manikandan, N., Sai, N.P., Siengchin, S., Mavinkere Rangappa, S., Bharath, K.N., Indran, S.	Kenaf fibers, their composites and applications	2022	Plant Fibers, their Composites, and Applications				283	304	Book Chapter
379	Angadi, R.V., Daram, S.B., Venkataramu, P.S.	Role of big data analytic and machine learning in power system contingency analysis	2022	Smart Electrical and Mechanical Systems: An Application of Artificial Intelligence and Machine Learning				151	184	Book Chapter
380	Patil, A.S., Sunnapwar, V.K., Bhole, K.S., Oza, A.D., Shinde, S.M., Ramesh, R.	Effective machining parameter selection through fuzzy AHP-TOPSIS for 3D finish milling of Ti6Al4V	2022	International Journal on Interactive Design and Manufacturing						Article
381	Kale, B.S., Bhole, K.S., Dhongadi, H., Oak, S., Deshmukh, P., Oza, A., Ramesh, R.	Effect of polygonal surfaces on development of viscous fingering in lifting plate Hele-Shaw cell	2022	International Journal on Interactive Design and Manufacturing						Article
382	Anitha, C., Sangtani, V.S., Bansal, A.K., Mahaveerakannan, R., Sharma, R.R., Saravanan, M.S.	Hybrid RSA-ROA Scheduling Algorithm for Minimization of Power Loss and Improving the Renewable with Sustainable Energy Harvesting in Power System	2022	Advances in Materials Science and Engineering	2022		8579180			Article
383	Arun, V., Kannan, R., Ramesh, S., Vijayakumar, M., Raghavendran, P.S., Siva Ramkumar, M., Anbarasu, P., Sundramurthy, V.P.	Review on Li-Ion Battery vs Nickel Metal Hydride Battery in EV	2022	Advances in Materials Science and Engineering	2022		7910072			Review
384	Kasambe, P.V., Bhole, K.S., Raykar, N.R., Oza, A.D., Ramesh, R., Bhoir, D.V.	Mechanical modeling, numerical investigation and design of cantilever beam for low pull-in MEMS switch	2022	International Journal on Interactive Design and Manufacturing						Article
385	Avanija, J., Madhavi, K.R., Sunitha, G., Sangapu, S.C., Raju, S.	Facial Expression Recognition using Convolutional Neural Network	2022	2022 1st International Conference on Artificial Intelligence Trends and Pattern Recognition, ICAITPR 2022						Conference Paper
386	Palanisamy, D., Lakshmikala, K., Umapathi, D.	Machinability studies on nickel based super alloys using cryo-treated tungsten carbide inserts	2022	Materials Today: Proceedings	68			1641	1647	Article
387	Francis, A., Thirugnanasambantham, K.G., Ramesh, R., Roshan, M.V., Kumar, M.P.U.	High-temperature erosion and its mechanisms of IN-738 superalloy under hot air jet conditions	2022	International Journal on Interactive Design and Manufacturing						Article
388	Manikandan, N., Raju, R., Narasimhamu, K.L., Damodaram, A.K.	Optimization of wire electrical discharge machining of Monel 400 using Taguchi-Grey approach	2022	Materials Today: Proceedings	68			1690	1696	Article
389	Ashokkumar, N., Meera, S., Anandan, P., Murthy, M.Y.B., Kalavani, K.S., Alahmadi, T.A., Alharbi, S.A., Raghavan, S.S., Jayadhas, S.A.	Deep Learning Mechanism for Predicting the Axillary Lymph Node Metastasis in Patients with Primary Breast Cancer	2022	BioMed Research International	2022		8616535			Article
390	Saahithi, S., Hemant Kumar, B., Reddy, J., Dash, R., Subburaj, V.	Dual-Topology Cross-Coupled Configuration of Switched Capacitor Converter for Wide Range of Application	2022	MELECON 2022 - IEEE Mediterranean Electrotechnical Conference, Proceedings				796	800	Conference Paper
391	Nathan Seerangan, R., Chinnasamy, R., Natrajan, R., Ashok kumar, A., Ranganathan, H.	Stress corrosion cracking of friction stir welded AISI 304 and 316 L dissimilar steel alloys	2022	Materials Today: Proceedings	68			1663	1666	Article
392	Palanisamy, D., Vishnu Vardhana Naidu, B., Lenin, K., Parthiban, A., Gnanarathinam, A.	Machinability investigation on nickel based super alloys using textured inserts	2022	Materials Today: Proceedings	68			1617	1621	Article

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393	Shinde, S.M., Lekurwale, R.R., Bhole, K.S., Oza, A.D., Patil, A.S., Ramesh, R.	On efficient electrode design and manufacturing techniques for hot die steel inserts	2022	International Journal on Interactive Design and Manufacturing						Article
394	Nathan Seerangan, R., Amarnath, V., Rajesh, A., Chinnasamy, R., Balakrishnan, V.	Hardness prediction of post heat treated electron beam welded defense grade AA2219 aluminum alloy for light weight application	2022	Materials Today: Proceedings	68			1667	1672	Article
395	Reddappa, B., Babu, M.S., Sreenadh, S.	MHD FREE CONVECTION AND THE EFFECTS OF SECOND ORDER CHEMICAL REACTIONS AND DOUBLE STRATIFICATION JEFFREY FLOW THROUGH POROUS MEDIUM OVER AN EXPONENTIALLY STRETCHING SHEET	2022	ARPN Journal of Engineering and Applied Sciences	17	10		1047	1059	Article
396	Thejasree, P., Palanisamy, D.	Experimental investigations on wire cut electric discharge machining on Monel 400 alloys	2022	Materials Today: Proceedings	68			1622	1627	Article
397	Vijayakumar, A., Alexander Stonier, A., Peter, G., Kumaresan, P., Reyes, E.M.	A Modified Seven-Level Inverter with Inverted Sine Wave Carrier for PWM Control	2022	International Transactions on Electrical Energy Systems	2022		7403079			Article
398	Tiwari, P.K., Kannan, K., Veeraiiah, D., Ranjan, N., Singh, J., Alshammri, G.H., Halifa, A.	Security Protection Mechanism in Cloud Computing Authorization Model Using Machine Learning Techniques	2022	Wireless Communications and Mobile Computing	2022		1907511			Article
399	Kumar, S., Kumar, N.M.G., Geetha, B.T., Sangeetha, M., Chakravarthi, M.K., Tripathi, V.	Cluster, Cloud, Grid Computing via Network Communication Using Control Communication and Monitoring of Smart Grid	2022	2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022				1220	1224	Conference Paper
400	Surendranatha, G.M., Vishnu Vardhana Naidu, B., Gangaraju, M., Sarapure, S., Hemanth, K.R.	Development of predictive models for wire electrical discharge machining of aluminium metal matrix composites by using regression analysis and neural network	2022	Materials Today: Proceedings	68			1581	1587	Article
401	Lakshmi Narayana, S., Lakshmi Narasimhamu, K., Anantha Krishna, N., Vishnu Vardhana Naidu, B., Deekshith, C.	Effect of chemical treatment on mechanical properties of fiber reinforced composites	2022	Materials Today: Proceedings	68			1496	1503	Article
402	Michael, A., Raja, K., Kaliyan, K., Arul, R.	A Novel Secure Data Processing Mechanism in IoT Using Deep Learning with Ontology	2022	Lecture Notes in Networks and Systems	394			419	425	Conference Paper
403	Raju, R., M.K. Varma, M.M., Kumar Baghel, P.	Optimization of process parameters for 3D printing process using Taguchi based grey approach	2022	Materials Today: Proceedings	68			1515	1520	Article
404	Elukuru, S., Chennapalli, S., Nanjappa, G.M.	A NEW HARDWARE ARCHITECTURE FOR HIGH-PERFORMANCE PARALLEL TURBO DECODER	2022	IJUM Engineering Journal	23	2		125	137	Article
405	Prakash, P., Vemoori, R., Kuladeep, G., Sarayu, G., Nagendraravaprasad, K., Karthik, C., Harshavardhan Reddy, C.	Effect of holding periods at normalization temperature on formation of various phases, precipitates, hardness of reduced activation and ferritic-martensitic steels	2022	Materials Today: Proceedings	68			1437	1441	Article
406	Ravi Kumar, M., Satya Meher, R., Swarna Kumari, A.	Experimental Investigations of Effect of NanoComposites on Performance of VCR System at Variable Capillary Tube Lengths	2022	NanoWorld Journal	8	1		28	35	Review
407	Arun, V., Prabhu, S.	Design and vibration analysis on EMS by using Block Lanczos method for humanoid robotics arm applications	2022	International Journal on Interactive Design and Manufacturing						Article
408	Shinde, S.M., Lekurwale, R.R., Bhole, K.S., Oza, A.D., Patil, A.S., Ramesh, R.	5-axis virtual machine tool centre building in PLM environment	2022	International Journal on Interactive Design and Manufacturing						Article
409	Thejasree, P., Narasimhamu, K.L., Natarajan, M., Raju, R.	Generative modelling of laser beam welded Inconel 718 thin weldments using ANFIS based hybrid algorithm	2022	International Journal on Interactive Design and Manufacturing						Article
410	Kundu, M., Teja, N.V., Kumar Chakraborty, S.	Investigation of New Protocol: Cyclic Shift in Aggressive Packet Combining Scheme to Combat the Error in Same Bit Location	2022	2022 2nd International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2022						Conference Paper
411	Sachuthananthan, B., Vinoth, R., Satya Meher, R., Sandeep, B., Sudheer Kumar, N., Deekshith, C.	Study on the use of selective catalytic reduction technique for NOx emission reduction in an diesel engine fuelled with Methyl ester of Water Hyacinth	2022	Materials Today: Proceedings	68			1415	1421	Article
412	Kamal Kumar, U., Janamala, V.	Artificial Ecosystem-Based Optimization for Optimal Location and Sizing of Solar Photovoltaic Distribution Generation in Agriculture Feeders	2022	Lecture Notes on Data Engineering and Communications Technologies	114			743	757	Book Chapter
413	Yasmine Begum, A., Balaji, M., Satyanarayana, V.	Quantum dot cellular automata using a one-bit comparator for QCA gates	2022	Materials Today: Proceedings	66			3539	3546	Article

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414	Krupakaran, R.L., Jamuna Rani, G., Anchupogu, P., Vidyasagar Reddy, G., Ragurami Reddy, D., Petla, R.K.	Comparative assessment of MWCNTs and alumina nanoparticles dispersion in biodiesel blend on the engine characteristics of an unmodified DI diesel engine	2022	Materials Today: Proceedings	68			1241	1251	Article
415	Gnana Sagaya Raj, A., Sachuthanathan, B., Mishra, C.S., Arshi Banu, P.S.	Diesel engine behavior using coconut oil methyl esters and its blends	2022	Materials Today: Proceedings	68			1288	1293	Article
416	Venkata Ratna Kumar, K.N., Mahaveerakannan, R., Rao, C.M., Rao, P.N., Rao, K.S.	Intrusive Detection of Wormhole Attack Using Cluster - Based Classification Model In MANET	2022	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022				1869	1874	Conference Paper
417	Suresh Kumar, A., Muthukannan, M., Arunkumar, K., Sriram, M., Vigneshwar, R., Gulshan Sikkandar, A.	Development of eco-friendly geopolymer concrete by utilizing hazardous industrial waste materials	2022	Materials Today: Proceedings	66			2215	2225	Article
418	Koteswara Rao Devana, V.N., Kusuma Kumari, E., Chakradhar, K.S., Kadali Sharma, P., Rama Devi, D., Manohar Kumar, C., Dhana Raj, V., Prasad, D.R.	A novel foot-shaped elliptically embedded patch-ultra wide band antenna with quadruple band notch characteristics verified by characteristic mode analysis	2022	International Journal of Communication Systems						Article
419	Gnana Sagaya Raj, A., Sekhar Mishra, C., Sachuthanathan, B., Arshi Banu, P.S.	Impact of dual fuel compression ignition engine on its performance, combustion and emission characteristics	2022	Materials Today: Proceedings	64			302	307	Article
420	Saravanan, L., Nancy, W., Chandran, K.P., Vijayanandh, D., Arunkumar, J.R., Prabhu, R.T.	A Novel Approach for a Smart Early Flood Detection and Awareness System using IoT	2022	8th International Conference on Smart Structures and Systems, ICSSS 2022						Conference Paper
421	Ashokkumar, N., Kavitha, A., Devi, S., Venkataramana, P.	Wireless Sensor Data Fusion Techniques in Estimating Temporal Resource Attributes in Scenarios of Intermittent Connectivity [Aralıklı Bağlantı Senaryolarında Zamansal Kaynak Niteliklerini Tahmin Etmede Kablosuz Sensör Veri Birleştirme Teknikleri]	2022	El-Cezeri Journal of Science and Engineering	9	2		413	423	Article
422	Prabhakar, T., Srujan Raju, K., Reddy Madhavi, K.	Support Vector Machine Classification of Remote Sensing Images with the Wavelet-based Statistical Features	2022	Smart Innovation, Systems and Technologies	283			603	613	Conference Paper
423	Manikandan, N., Binoj, J.S., Thejasree, P., Krishnamachary, P.C., Raju, R., Palanisamy, D., Hari Jhanavi, G.	Investigations on Wire Electrical Discharge Machining of Magnesium Alloy	2022	Lecture Notes in Mechanical Engineering				523	531	Conference Paper
424	Raju, R., Manikandan, N., Palanisamy, D., Arulkirubakaran, D., Binoj, J.S., Thejasree, P., Ahilan, C.	A Review of Challenges and Opportunities in Additive Manufacturing	2022	Lecture Notes in Mechanical Engineering				23	29	Conference Paper
425	Binoj, J.S., Manikandan, N., Thejasree, P., Palanisamy, D., Sagai Francis Britto, A., Anusha, P., Pavan Kumar, S.	Investigations on Wire Electrical Discharge Machining of Magnesium Alloy AZ31B by Taguchi's Approach	2022	Lecture Notes in Mechanical Engineering				923	931	Conference Paper
426	Thejasree, P., Manikandan, N., Binoj, J.S., Krishnamachary, P.C., Arulkirubakaran, D., Reddy, J.J., Reddy, V.I.K., Saikiran, K., Vardhan, C.V.	Application of Multiple Regression Analysis for Wire Electrical Discharge Machining of Stainless Steel 304	2022	Lecture Notes in Mechanical Engineering				175	183	Conference Paper
427	Manikandan, N., Binoj, J.S., Thejasree, P., Varaprasad, K.C., Anusha, P., Hema, G.R.	Application of Multiple Regression Analysis for Prediction of Performance Measure in Wire Electrical Discharge Machining of Inconel 625	2022	Lecture Notes in Mechanical Engineering				663	671	Conference Paper
428	Binoj, J.S., Thejasree, P., Palanisamy, D., Naidu, B.V.V., Manikandan, N., Raju, R., Manideep, M.	Application of Multiple Regression Analysis for Wire Electrical Discharge Machining of Ti-6Al-4 V (Grade 5)	2022	Lecture Notes in Mechanical Engineering				1085	1093	Conference Paper
429	Binoj, J.S., Manikandan, N., Thejasree, P., Krishnamachary, P.C., Raju, R., Sasikala, P., Alisher Basha, S.	Machinability Investigations on Wire Electrical Discharge Machining of Ti-6Al-4V (Grade 5) by Taguchi Approach	2022	Lecture Notes in Mechanical Engineering				867	874	Conference Paper
430	Palanisamy, D., Devaraju, A., Narasimhamu, K.L., Manikandan, N., Raju, R., Thejasree, P., Arulkirubakaran, D.	Performance of Textured Tool with MQL in Machining of Precipitation Hardened Stainless Steel	2022	Lecture Notes in Mechanical Engineering				39	50	Conference Paper
431	Tallapragada, V.V.S., Reddy, D.V., Varma, K.N.V.S., Sarma, G.S.	Improved Atrial Fibrillation Detection using CNN-LSTM	2022	2022 6th International Conference on Trends in Electronics and Informatics, ICOEI 2022 - Proceedings				1050	1055	Conference Paper
432	Manikandan, N., Varaprasad, K.C., Thejasree, P., Palanisamy, D., Arulkirubakaran, D., Raju, R., Badrinath, K.	Prediction of Performance Measures Using Multiple Regression Analysis for Wire Electrical Discharge Machining of Titanium Alloy	2022	Lecture Notes in Mechanical Engineering				601	612	Conference Paper
433	Palanisamy, D., Devaraju, A., Narasimhamu, K.L., Thejasree, P., Manikandan, N., Ramesh, R.	Machinability Investigations on Turning of PH Steel Using Taguchi-Based Grey Relational Approach	2022	Lecture Notes in Mechanical Engineering				265	272	Conference Paper
434	Prakash, C., Senthil, P., Manikandan, N., Palanisamy, D.	Machinability Investigations of Aluminum Metal Matrix Composites (LM26 + Graphite + Flyash) by Using Wire Electrical Discharge Machining Process	2022	Lecture Notes in Mechanical Engineering				983	991	Conference Paper

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435	Binoj, J.S., Manikandan, N., Thejasree, P., Varaprasad, K.C., Sasikala, P., Manideep, M.	Application of Predictive Models for Wire Electrical Discharge Machining of Nickel Alloy	2022	Lecture Notes in Mechanical Engineering				1003	1011	Conference Paper
436	Manikandan, N., Thejasree, P., Raju, R., Palanisamy, D., Varaprasad, K.C., Sagai Francis Britto, A., Deeraj Chengalva Sai, A.	Investigations on Wire Electrical Discharge Machining of Titanium Alloys by Taguchi—Grey Approach	2022	Lecture Notes in Mechanical Engineering				359	368	Conference Paper
437	Manikandan, N., Binoj, J.S., Thejasree, P., Raju, R., Krishnamachary, P.C., Palanisamy, D., Lehya, P.R.	Machinability Investigations on Wire Electrical Discharge Machining of Titanium Alloy (Grade 9) Using Taguchi's Approach	2022	Lecture Notes in Mechanical Engineering				447	457	Conference Paper
438	Palanisamy, D., Devaraju, A., Narasimhamu, K.L., Thejasree, P., Manikandan, N., Ramesh, R.	Machinability Analysis and Development of Hybrid Grey-ANFIS Model in Machining of (0Cr17Ni4Cu4Nb) Stainless Steel with MQL and Cryo-Treated Textured Inserts	2022	Lecture Notes in Mechanical Engineering				565	575	Conference Paper
439	Varma, M.M.M.K., Baghel, P.K., Raju, R.	Additive Manufacturing of Thermosetting Resins In-Situ Carbon Fibers: A Review	2022	Lecture Notes in Mechanical Engineering				97	105	Conference Paper
440	Suresh, K., Parimalasundar, E.	A Modified Multi Level Inverter With Inverted SPWM Control [Un onduleur multi-niveaux modifié avec une commande SPWM inversée]	2022	IEEE Canadian Journal of Electrical and Computer Engineering	45	2		99	104	Article
441	Arun, V., Kumar, N.M.G., Jagadeesh, D.	Study on thermo-electrical characteristics of natural oils	2022	Materials Today: Proceedings	68			1208	1213	Article
442	Bagale, U., Kadi, A., Potoroko, I., Rangari, V., Mahale, M.	Ultrasound-Assisted Dibutyl Phthalate Nanocapsules Preparation and its Application as Corrosion Inhibition Coatings	2022	Karbala International Journal of Modern Science	8	2		154	168	Article
443	Dharani, N.P., Bojja, P.	Analysis and Prediction of COVID-19 by using Recurrent LSTM Neural Network Model in Machine Learning	2022	International Journal of Advanced Computer Science and Applications	13	5		171	178	Article
444	Vishnu Vardhana Naidu, B., Natarajan, M., Surendranatha, G.M., Varaprasad, K.C.	Fabrication of aluminium hybrid metal matrix composites and development multiple regression models for wire electrical discharge machining	2022	International Journal on Interactive Design and Manufacturing						Article
445	Chalapathi, T., Kumaraswamy, N.K., Harish, B.D.	Algebraic Properties of Finite Neutrosophic Fields	2022	Neutrosophic Sets and Systems	49			253	261	Article
446	Vinod Kumar, M., Siddaramaiah, Y.M., Jaideep, C., Chithambar Ganesh, A.	An analytical studies on static and fatigue response of steel fibre and re-cycled aggregate integrated high strength concrete beam	2022	Materials Today: Proceedings	66			1810	1818	Article
447	Thirugnanasambantham, K.G., Francis, A., Ramesh, R., Aravind, M., Reddy, M.K.	Investigation of erosion mechanisms on IN-718 based turbine blades under water jet conditions	2022	International Journal on Interactive Design and Manufacturing						Article
448	Jayagopal, V., Basser, K.K.	Data Management and Big Data Analytics: Data Management in Digital Economy	2022	Research Anthology on Big Data Analytics, Architectures, and Applications	4			1614	1633	Book Chapter
449	Kalaivani, K., Uma Maheswari, N., Venkatesh, R.	Heart disease diagnosis using optimized features of hybridized ALCSOGA algorithm and LSTM classifier	2022	Network: Computation in Neural Systems	33	1-Feb		95	123	Article
450	Meda, S., Bhogapathi, R.	An Integrated Machine Learning Model for Heart Disease Classification and Categorization	2022	Journal of Computer Science	18	4		257	265	Article
451	Chandana, B.H., Nune, D., Harika, D.	Design and Simulation of Circular Textile Antenna with C-Slot	2022	2022 International Conference on Emerging Smart Computing and Informatics, ESCI 2022						Conference Paper
452	Satyam, Neelima, K., Divya, N., Karthikeyan, K., Kumar, N.	Design of Rubber Substrate based Flexible Antenna with DGS for WBAN Applications	2022	2022 International Conference on Emerging Smart Computing and Informatics, ESCI 2022						Conference Paper
453	Prakash, C., Senthil, P., Manikandan, N., Palanisamy, D.	Investigations and regression modeling on mechanical characterization of cast aluminum alloy based (LM 26 + graphite + fly ash) hybrid metal matrix composites	2022	International Journal on Interactive Design and Manufacturing						Article
454	Marimuthu, S., Natarajan, M., Ramesh, R., Murugesan, R.	Hollow three-dimensional model for fuel reduction in aviation industry	2022	International Journal on Interactive Design and Manufacturing						Article
455	Anil Kumar, A., Bhatt, B.R., Anitha, P., Yadav, A.K., Devi, K.K., Joshi, V.C.	A new Diagnosis using a Parkinson's Disease XGBoost and CNN-based classification model Using ML Techniques	2022	2022 International Conference on Advanced Computing Technologies and Applications, ICACTA 2022						Conference Paper
456	Nirmala, P., Manimegalai, T., Arunkumar, J.R., Vimala, S., Rajkumar, G.V., Raju, R.	A Mechanism for Detecting the Intruder in the Network through a Stacking Dilated CNN Model	2022	Wireless Communications and Mobile Computing	2022		1955009			Article
457	Manikandan, S., Dhanalakshmi, P., Rajeswari, K.C., Delphin Carolina Rani, A.	Deep Sentiment Learning for Measuring Similarity Recommendations in Twitter Data	2022	Intelligent Automation and Soft Computing	34	1		183	192	Article
458	Sunitha, G., Pushpalatha, M.N., Parkavi, A., Boyapati, P., Walla, R., Kohar, R., Qureshi, K.	Modeling of Chaotic Political Optimizer for Crop Yield Prediction	2022	Intelligent Automation and Soft Computing	34	1		423	437	Article

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459	Kumar, N.A., Nagarajan, P., Mohana Sundari, L., Arockia Dhanraj, J., Kumar, T.S.	Analysis of Millimeter-Wave based on Multichannel Wireless Networks-on-Chip	2022	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022				405	409	Conference Paper
460	Sivakumar, C., Sathyanarayanan, D., Karthikeyan, P., Velliangiri, S.	An Improvised Method for Anomaly Detection in social media using Deep Learning	2022	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022				1196	1200	Conference Paper
461	Chandra, I., Mohana Sundari, L., Ashok Kumar, N., Singh, N.P., Arockia Dhanraj, J.	A Logical Data Security Establishment over Wireless Communications using Media based Steganographic Scheme	2022	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022				823	828	Conference Paper
462	Nagarajan, P., Kumar, N.A., Arockia Dhanraj, J., Kumar, T.S., Sundari L, M.	Delay Flip Flop based Phase Frequency Detector for Power Efficient Phase Locked Loop Architecture	2022	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022				410	414	Conference Paper
463	Anitha, C., Sivakumar, C., Rajasekar, V., Velliangiri, S.	Dynamic Tree Routing Protocol with Convex Hull Optimization for Optimal Routing Paths	2022	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022				729	733	Conference Paper
464	Suresh, K., Parimalasundar, E.	A novel dual-leg DC-DC converter for wide range DC-AC conversion	2022	Automatika	63	3		572	579	Article
465	Praveena, H.D., Guptha, N.S., Kazemzadeh, A., Parameshachari, B.D., Hemalatha, K.L.	Effective CBMIR System Using Hybrid Features-Based Independent Condensed Nearest Neighbor Model	2022	Journal of Healthcare Engineering	2022		3297316			Article
466	Kumar, N.A., Shyni, G., Peter, G., Stonier, A.A., Ganji, V.	Architecture of Network-on-Chip (NoC) for Secure Data Routing Using 4-H Function of Improved TACIT Security Algorithm	2022	Wireless Communications and Mobile Computing	2022		4737569			Article
467	Santhi, M.V.B.T., Hrushikesava Raju, S., Adinarayna, S., Lokanadham Naidu, V., Waris, S.F.	A Hybrid Framework for Efficient Detection of Fake Currency Notes	2022	Lecture Notes in Networks and Systems	355			213	225	Conference Paper
468	Siva Subramanian, R., Prabha, D., Maheswari, B., Aswini, J.	Wrapper-Naive Bayes Approach to Perform Efficient Customer Behavior Prediction	2022	Lecture Notes on Data Engineering and Communications Technologies	96			17	31	Book Chapter
469	A, S.K., M, M., K, A.K., A, C.G., R, K.D.	Influence of incinerated biomedical waste ash and waste glass powder on the mechanical and flexural properties of reinforced geopolymer concrete	2022	Australian Journal of Structural Engineering	23	3		254	268	Article
470	Naidu, K.K., Sreenadh, S.	Fully developed free convective flow of a Bingham fluid in a circular pipe with permeable wall	2022	International Journal of Ambient Energy	43	1		6643	6650	Article
471	Venkata Sudhakar, C., Umamaheswara Reddy, G.	Satellite Image Based Spatio-Temporal Variation Assessment in Captive Limestone Mines for Long-Term Viability	2022	Journal of Mobile Multimedia	18	3		635	660	Article
472	Siva Subramanian, R., Prabha, D., Aswini, J., Maheswari, B.	Evaluation of Different Variable Selection Approaches with Naive Bayes to Improve the Customer Behavior Prediction	2022	Lecture Notes in Networks and Systems	336			181	201	Conference Paper
473	Ganesh, A.C., Mukilan, K., Srikar, B.P.V., Teja, L.V.S., Prasad, K.S.V., Kumar, A.A., Sharath, R.P.	Effect of Flyash-Rice Husk Ash Blend in the Energy Efficient Geopolymer Tiles Using Industrial Wastes	2022	Materials Science Forum	1048 MSF			403	411	Conference Paper
474	Suresh Kumar, A., Muthukannan, M., Irene, A.D.K.B., Arunkumar, K., Chithambar, G.A.	Flexural Behaviour of Reinforced Geopolymer Concrete incorporated with Hazardous Heavy Metal Waste Ash and Glass Powder	2022	Materials Science Forum	1048 MSF			345	358	Conference Paper
475	Suresh Kumar, A., Muthukannan, M., Kanniga Devi, R., Arunkumar, K., Chithambar Ganesh, A.	Improving the Performance of Structural Members by Incorporating Incinerated Bio-Medical Waste Ash in Reinforced Geopolymer Concrete	2022	Materials Science Forum	1048 MSF			321	332	Conference Paper
476	Sreenivasa Chakravarthi, S., Jagadeesh Kannan, R., Anantha Natarajan, V., Gao, X.-Z.	Deep Learning Based Intrusion Detection in Cloud Services for Resilience Management	2022	Computers, Materials and Continua	71	2		5117	5133	Article
477	Sajin, J.B., Christu Paul, R., Binoj, J.S., Brailson Mansingh, B., Gerald Arul Selvan, M., Goh, K.L., Rimal Isaac, R.S., Senthil Saravanan, M.S.	Impact of fiber length on mechanical, morphological and thermal analysis of chemical treated jute fiber polymer composites for sustainable applications	2022	Current Research in Green and Sustainable Chemistry	5		100241			Article
478	Kumar, P.A., Kumar, G.N.P., Nandan, M.J.	Assessment of Contaminant Migration Using MT3DMS Model	2022	Lecture Notes in Civil Engineering	176			599	608	Conference Paper
479	Selvan, M.T.G.A., Binoj, J.S., Moses, J.T.E.J., Sai, N.P., Siengchin, S., Sanjay, M.R., Liu, Y.	Extraction and characterization of natural cellulosic fiber from fragrant screw pine prop roots as potential reinforcement for polymer composites	2022	Polymer Composites	43	1		320	329	Article
480	Gnana Prasanna, G., Venkata Krishna, G.	Strength Behavior of Lime Stabilized Soil Reinforced with Waste Plastic Strips	2022	Lecture Notes in Civil Engineering	167			385	394	Conference Paper
481	Reshma, G., Al-Atroschi, C., Nassa, V.K., Geetha, B.T., Sunitha, G., Galety, M.G., Neelakandan, S.	Deep learning-based skin lesion diagnosis model using dermoscopic images	2022	Intelligent Automation and Soft Computing	31	1		621	634	Article
482	Tallapragada, V.V.S., Alivelu Manga, N., Nagabhushanam, M.V., Venkatanaresh, M.	Greek Handwritten Character Recognition Using Inception V3	2022	Smart Innovation, Systems and Technologies	235			247	257	Conference Paper

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483	Tallapragada, V.V.S., Kullayamma, I., Kumar, G.V.P., Venkatanares, M.	Significance of Internet of Things (IoT) in Health Care with Trending Smart Application	2022	Smart Innovation, Systems and Technologies	235			237	245	Conference Paper
484	Patan, R., Kallam, S., Gandomi, A.H., Hanne, T., Ramachandran, M.	Gaussian relevance vector MapReduce-based annealed Glowworm optimization for big medical data scheduling	2022	Journal of the Operational Research Society	73	10		2204	2215	Article
485	Sivaiah, P., Venkata Ajay kumar, G., Lakshmi Narasimhamu, K., Siva Balaji, N.	Performance improvement of turning operation during processing of AISI 304 with novel textured tools under minimum quantity lubrication using hybrid optimization technique	2022	Materials and Manufacturing Processes	37	6		693	700	Article
486	Prakash, C., Senthil, P., Manikandan, N., Palanisamy, D.	Investigations on machinability characteristics of Cast Aluminum Alloy based (LM 26+Graphite+Fly ash) Hybrid Metal Matrix Composites for automobile components	2022	Materials and Manufacturing Processes	37	7		748	763	Article
487	Praveen, A., Krupakaran, R.L., Lakshmi Narayana Rao, G., Balakrishna, B.	An assessment of the TiO2 nanoparticle concentration in the C. inophyllum biodiesel blend on the engine characteristics of a DI diesel engine	2022	International Journal of Ambient Energy	43	1		5464	5477	Article
488	Satya Narayana, P.V., Tarakaramu, N., Harish Babu, D.	Influence of chemical reaction on MHD couple stress nanoliquid flow over a bidirectional stretched sheet	2022	International Journal of Ambient Energy	43	1		4928	4938	Article
489	Vinoth, R., Sachuthanathan, B.	Experimental study of heat transfer and pressure drop characteristics of microtube condenser using R134a	2022	International Journal of Ambient Energy	43	1		4832	4837	Article
490	Reddy, B.M., Reddy, R.M., Reddy, D.M.S., Ananthakrishna, N., Reddy, P.V.	Development and characterisation of Cordia Dichotoma Fibre / Granite filler reinforced polymer blended (Epoxy/Polyester) hybrid composites	2022	Advances in Materials and Processing Technologies	8	1		461	477	Article
491	Pasupuleti, T., Natarajan, M., Katta, L.N., Ramesh, R., Naidu, B.V.V.	Microstructure and Mechanical Behaviour of Dissimilar Laser Welded Joints for Automobile Applications	2022	SAE Technical Papers						Conference Paper
492	Pasupuleti, T., Natarajan, M., Krishnamachary, P.C., Ramesh, R., Katta, L.N.	Development of Hybrid Grey Based ANFIS Model for Laser Beam Welding of Inconel 718 Alloy for Automotive Industries	2022	SAE Technical Papers						Conference Paper
493	Natarajan, M., Palanisamy, D., Pasupuleti, T., Umapathi, D., Ramesh, R.	Machinability Analysis of PH Stainless Steel with Uncoated and Textured Tool Inserts with Minimum Quantity Lubricants	2022	SAE Technical Papers						Conference Paper
494	Seerangan, R.N., Kumar, S.P.	An Intensive Study on Effect of Tool Traverse Speed on Formation of Stir Zone Microstructure and Mechanical Properties of Friction Stir Welded HSLA Steel Joints	2022	SAE Technical Papers						Conference Paper
495	Katta, L.N., Natarajan, M., Pasupuleti, T., Sivaiah, P., Chittoor Naga Venkata, S.	Neural Network Model for Machinability Investigations on CNC Turning of AA5052 for Marine Applications with MQL	2022	SAE Technical Papers						Conference Paper
496	Natarajan, M., Pasupuleti, T.	Development of Predictive Models and Prediction of Process Parameters for Wire Electrical Discharge Machining of Monel 400	2022	SAE Technical Papers						Conference Paper
497	Krupakaran, R.L., Gangula, V.R., Tarigonda, H., Doddipalli, R.R., Kala, K.L., Anchupogu, P., Petla, R.	"optimization of Operational Parameters on Engine Performance and Emissions of a Diesel Engine Powered with Mimusops Elengi Methyl Ester with Doped TiO2Nanoparticle with Varying Injection Pressure"	2022	SAE Technical Papers						Conference Paper
498	Katta, L.N., Pasupuleti, T., Natarajan, M., Siva Rami Reddy, N., Somsole, L.N.	Development of Adaptive Neuro Fuzzy Inference System Model for CNC Milling of AA5052 Alloy with Minimum Quantity Lubrication by Natural Cutting Fluid	2022	SAE Technical Papers						Conference Paper
499	Goluguri, N.V.R., Suganya Devi, K., Prathima, C.H.	Infectious diseases of Rice plants classified using a deep learning-powered Least Squares Support Vector Machine Model	2022	Indian Journal of Computer Science and Engineering	13	5		1640	1659	Article
500	Mansingh, B.B., Binoj, J.S., Anbazhagan, V.N., Abu Hassan, S., Goh, K.L., Siengchin, S., Sanjay, M.R., Mustapha Jaafar, M., Liu, Y.	Characterization of Cocos nucifera L. peduncle fiber reinforced polymer composites for lightweight sustainable applications	2022	Journal of Applied Polymer Science	139	22	52245			Article
501	Thooyavan, Y., Kumaraswamidhas, L.A., Edwin Raj, R., Binoj, J.S., Brailson Mansingh, B.	Failure analysis of basalt bidirectional mat reinforced micro/nano Sic particle filled vinyl ester polymer composites	2022	Engineering Failure Analysis	136		106227			Article

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502	Thooyavan, Y., Kumaraswamidhas, L.A., Raj, R.D.E., Binoj, J.S., Brailson Mansingh, B.	Effect of combined micro and nano silicon carbide particles addition on mechanical, wear and moisture absorption features of basalt bidirectional mat/vinyl ester composites	2022	Polymer Composites	43	5		2574	2583	Article
503	Vijaya Lakshmi, P., Musala, S., Srinivasulu, A.	Flash ADC's low power, high speed dynamic comparator	2022	Proceedings of 2022 IEEE International Women in Engineering (WIE) Conference on Electrical and Computer Engineering, WIECON-ECE 2022				352	355	Conference Paper
504	Dharani, N.P., Ismail, M., Vidhya, M.	Drunk and Drive Detection System for Safety Driving	2022	Proceedings of 2022 IEEE International Conference on Current Development in Engineering and Technology, CCET 2022						Conference Paper
505	Mukund, Mohammad, K., Basu, S., Prasad, T.N., Muthu, R., Naidu, R.C.	Optimizing Hydrogen Consumption in Fuel cells Using Simulated Annealing Algorithm	2022	2022 7th International Conference on Environment Friendly Energies and Applications: Renewable and Sustainable Energy Systems, Hybrid Transportation Systems, Energy Transition, and Energy Security, EFEA 2022 - Proceedings						Conference Paper
506	Johari, A., Khan, N., Prasad, T.N., Mathew, D., Muthu, R., Naidu, R.C.	Particle Swarm Optimization Approach for Cost Minimization of Hybrid Renewable Energy Sources	2022	2022 7th International Conference on Environment Friendly Energies and Applications: Renewable and Sustainable Energy Systems, Hybrid Transportation Systems, Energy Transition, and Energy Security, EFEA 2022 - Proceedings						Conference Paper
507	Agrawal, U., Pingala, N., Ishan, G., Prasad, T.N., Muthu, R., Naidu, R.C.	Development and Integration of Biomass and Concentrating Photovoltaic System for Rural and Urban Areas	2022	2022 7th International Conference on Environment Friendly Energies and Applications: Renewable and Sustainable Energy Systems, Hybrid Transportation Systems, Energy Transition, and Energy Security, EFEA 2022 - Proceedings						Conference Paper
508	Bagchi, K., Poojith, R., Madhavan, A.R., Gireesh, N., Muthu, R., Naidu, R.C.	Designing and Optimizing an Active Car Suspension with Genetic Algorithm	2022	2022 7th International Conference on Environment Friendly Energies and Applications: Renewable and Sustainable Energy Systems, Hybrid Transportation Systems, Energy Transition, and Energy Security, EFEA 2022 - Proceedings						Conference Paper
509	Malhotra, K., Ahmed, A., Shyam, A., Prasad, T.N., Muthu, R., Naidu, R.C.	Economic Load Dispatch Using Novel Bat Algorithm Applying Doppler Effect	2022	2022 7th International Conference on Environment Friendly Energies and Applications: Renewable and Sustainable Energy Systems, Hybrid Transportation Systems, Energy Transition, and Energy Security, EFEA 2022 - Proceedings						Conference Paper
510	Parameshwar, A., Bhat, R., Mitra, H., Kumar, D.P., Muthu, R., Naidu, R.C.	Design and Optimisation of Hybrid Solar Dryers for Dehydration of Vegetables	2022	2022 7th International Conference on Environment Friendly Energies and Applications: Renewable and Sustainable Energy Systems, Hybrid Transportation Systems, Energy Transition, and Energy Security, EFEA 2022 - Proceedings						Conference Paper
511	Sanjit, F., John, H., Naidu, R.C., Hemachandra, S., Mathew, D., Muthu, R.	State of Charge Estimation for a Lithium-Ion Battery Pack	2022	2022 7th International Conference on Environment Friendly Energies and Applications: Renewable and Sustainable Energy Systems, Hybrid Transportation Systems, Energy Transition, and Energy Security, EFEA 2022 - Proceedings						Conference Paper
512	Bhargava, R., Dixit, M., Gupta, I., Prasad, T.N., Muthu, R., Naidu, R.C.	A Bio-inspired Meta-heuristic Optimization approach for Economic Load Dispatch	2022	2022 7th International Conference on Environment Friendly Energies and Applications: Renewable and Sustainable Energy Systems, Hybrid Transportation Systems, Energy Transition, and Energy Security, EFEA 2022 - Proceedings						Conference Paper

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513	Abraham, A.V., Sasidharan, P., Tejas, S.J.S., Manohara, M., Muthu, R., Naidu, R.C.	Predicting Energy Consumption Using LSTM and CNN Deep Learning Algorithm	2022	2022 7th International Conference on Environment Friendly Energies and Applications: Renewable and Sustainable Energy Systems, Hybrid Transportation Systems, Energy Transition, and Energy Security, EFEA 2022 - Proceedings						Conference Paper
514	Jiji, C., Nagaraj, R., Maikandavel, V.	ASALD: adaptive sparse augmented lagrangian deblurring of underwater images with optical priori	2022	Imaging Science Journal	70	8		564	577	Article
515	Musala, S., Vasavi, P.D., Spandana, B., Srinivasulu, A., Ravariu, C.	A Novel 2:1 Multiplexer Based Quaternary Full Adder	2022	Proceedings - 2022 IEEE International Symposium on Smart Electronic Systems, ISES 2022				372	377	Conference Paper
516	Karthik, M.G., Balaji, K., Harish, M., Prakash, P.J., Silpa, C.	Patches Detection on Roads using Machine Learning Techniques	2022	Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2022				436	441	Conference Paper
517	Syed, Z., Srinivasulu, A., Musala, S., Pal, D., Bhargav, A.	Square Wave Generator Using Second Generation Current Controlled Conveyor (CCCCI)	2022	Proceedings of 2022 1st IEEE International Conference on Industrial Electronics: Developments and Applications, ICIDeA 2022				29	34	Conference Paper
518	Geetha, P., Praveena, H.D., Sudha, K.	Comparative Study of Single, Double and Multi Shell CNTMOSFET for Biosensing Applications	2022	Journal of Pharmaceutical Negative Results	13	4		999	1004	Article
519	Sudha, K., Praveena, H.D., Geetha, P.	Design and Simulation of Compact Dual Band Fractal Antenna for Navigation Applications	2022	Journal of Pharmaceutical Negative Results	13	4		1005	1009	Article
520	Chilukuri, P., Arun Kumar, J.R., Anusuya, R., Ramkumar Prabhu, M.	Auto Encoders and Decoders Techniques of Convolutional Neural Network Approach for Image Denoising In Deep Learning	2022	Journal of Pharmaceutical Negative Results	13	4		1036	1040	Article
521	Silpa, C., Suneetha, I., Reddy Hemantha, G., Arava, R.P.R., Bhumika, Y.	Medication Alarm: A Proficient IoT-Enabled Medication Alarm for Age Old People to the Betterment of their Medication Practice	2022	Journal of Pharmaceutical Negative Results	13	4		1041	1046	Article
522	Binoj, J.S., Hassan, S.A., Khan, R.A., Ali, A.	Applications of Mobile Information Processor Edge-Over-Edge Molecular Wires with High-Performance Thermoelectric Generators	2022	Journal of Nanomaterials	2022		7104377			Article
523	Ali, A., Hassan, S.A., Baqais, A., Binoj, J.S.	A Study on the Application of Solar Cells Sensitized with a Blackberry-Based Natural Dye for Power Generation	2022	Journal of Nanomaterials	2022		2834206			Article
524	Hassan, S.A., Binoj, J.S., Goh, K.L., Mansingh, B.B., Varaprasad, K.C., Yahya, M.Y., Che Othman, F.E., Ahmed, U., Nurhadyanto, D., Mujiyono, Wulandari, A.P.	Effect of fiber stacking sequence and orientation on quasi-static indentation properties of sustainable hybrid carbon/ramie fiber epoxy composites	2022	Current Research in Green and Sustainable Chemistry	5		100284			Article
525	P. Dharani prasad	Inhibitory effect of Dalbergia Latifolia extract on acetylcholinesterase enzyme by invitro methods	2022	YMER	21	8		724	731	Article
526	Jayaraman Rajangam	Ameliorative potential of Ruvastatin on Doxorubicin-induced cardiotoxicity by modulating oxidative damage in Rats	2022	Turkish journal of pharmaceutical sciences	19	1		28	34	Article
527	M.S. Srikanth	Factorial design and optimization of Antiepileptic drug: Lamotrigine cocrystals immediate release tablets	2022	Journal of positive school psychology	6	9		4070	4077	Article
528	G. Dharmamoorthy	Development and validation of RP-HPLC Method for the simultaneous estimation of Cedazurine and Decitabine by in and its pharmaceutical dosage form	2022	Asian journal of pharmaceutics	16	3		285	301	Article
529	Anna Balaji	Efficacy of Gabapentin for low back pain at tertiary hospital: A prospective observational study	2022	Journal of Acute disease	11	3		101	106	Article
530	H. Bava bakrudeen	Bio-nanocomposite films loaded with lemon leaf extract for bio packaging application	2022	Journal of king saud university- science	34		1023333	1	6	Article
531	Jayaraman Rajangam	Neuroprotective effects of etoricoxib on invitro and invivo toxicity models: Targeting oxidative stress and apoptosis pathway	2022	Neuroepidemiology	56	1		90	99	Article
532	Jayaraman Rajangam	Protective role of Verninia cineria against the carmoisine induced brain injury and angiogenic effect in mice	2022	Egyptian journal of basic and applied sciences	10	1		12	24	Article
533	Jayaraman Rajangam	Anticonvulsant like activity of silbin correlates blood glucose levels in PTZ induced Chemo-convulsive rats	2022	YMER	21	6		550	560	Article

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535	G. Dharmamoorthy	Simultaneous method development and validation of Eprosartan and hydrochlorothiazide in human plasma by RP-HPLC Method	2022	YMER	21	7		796	816	Article
536	G. Dharmamoorthy	A review on quality control of herbal raw materials	2022	YMER	21	11		125	152	Article
537	G. Dharmamoorthy	A powerful analytical technique in pharmaceutical drug discovery: rapid resolution liquid chromatography (rrlc)	2022	European Chemical Bulletin	11	10		30	40	Article
538	G. Dharmamoorthy	A review on fda approval of lymphoma drug ukoniq (umbralisib) and its withdrawal due to safety concerns	2022	Journal of Pharmaceutical Negative Results	13	4		1465	1474	Article
539	G. Dharmamoorthy	A review on trailblazing telemedicine apps	2022	YMER	21	11		728	748	Article
540	G. Dharmamoorthy	A overview on 3d printing – current pharmaceutical applications and future directions	2022	YMER	21	11		749	765	Article
541	G. Dharmamoorthy	Development and validation of rp- hplc method for the simultaneous estimation of ampicillin and cloxacillin in capsule dosage form	2022	YMER	21	11		59	66	Article
542	G. Dharmamoorthy	A review on scopus vs web of sciences	2022	High technology Letters	28	12		231	275	Article
543	G. Dharmamoorthy	An overview on top 10 pharma industry trends & innovations 2022	2022	YMER	21	11		2123	2140	Article
544	G. Dharmamoorthy	An overview of different types of columns used in liquid chromatography	2022	High technology Letters	28	12		611	652	Article
545	Dr.P.Dharani Prasad	A prospective study on assessment of risk factors, clinical characteristics and outcomes of acute pancreatitis in a tertiary care center	2022	ijpr	13	1		1	8	Article
546	Dr. B. Jeevan Kumar	Assessment of nutrition status in adolescent girls residing in hostels: a cross sectional study	2022	Journal of Clinical Otorhinolaryngology, Head, and Neck Surgery	26	2		317	327	Article
547	G. Dharmamoorthy	A review on covid omicron xxb 1.5 variant	2022	IJCRT	11	1		a950	a967	Article
548	Kavitha S and Sandhya J, G Hari Krishnan, I Kumaraswamy, G Umashankar, T Sudhakar, Joshini E V	IoT Based Automated Saline Drip and Hand Movement Detection System for Critical Care Patients	2022	Biosciences Biotechnology Research Asia	19	4		955	962	Article
549	I Kumaraswamy, G Hari Krishnan, S Jayachandra, Sangaraju Navya, Y Tejaswi	Investigation of Islanding Detection in Distributed Network using SPMU	2022	Telematique				3101	3109	
550	Mr. S.Sivanantham	An Analysis of Machine Learning Depend on Q-MIND for Defencing The Distributed Denial of Service Attack on Software Defined Network	2022	International Journal of Early Childhood Special Education(INT-JECSE)	14			3769	3776	Article
551	Mr. P.Lakshmi Sagar	Resolving sets and Dimension inBidiakis Cube and Durer Graphs	2022	International journal of NeuroQuantology	20			4988	4992	Article
552	Mr. M. Ramu	Study on Potential AI Applications in Childhood Education	2022	International Journal of Early Childhood Special Education(INT-JECSE)	14			103	125	Article
553	Mr. P. Yogendra Prasad	Implementation of Machine Learning Based Google Teachable Machine	2022	International Journal of Early Childhood Special Education	14			4132	4138	Article
554	Mr. S. Shiva Prakash	Educating and communicating with deaf learner's using CNN based Sign Language Prediction	2022	International Journal of Early Childhood Special Education	14			4624	4630	Article
555	Dr.C. Sivakumar	Recognition of Traffic Information with the Help of Social Media Tweets	2022	Journal of Pharmaceutical Negative Results	13			22	28	Article
556	Dr.C. Sivakumar	NMLA: The Smart Detection of Motor Neuron Disease and Analyze the Health Impacts with Neuro Machine Learning Model	2022	International journal of Neuro Quantology	20			892	899	Article
557	Dr.C. Sivakumar	The Speech-Language Processing Model for Managing the Neuro-Muscle Disorder Patients by Using Deep Learning	2022	International journal of Neuro Quantology	20			192	198	Article
558	Dr. P. Dhanalakshmi	Cascading Deep Learning Approach for Identifying Facial Expression YOLO Method	2022	ECS Transactions	107			16649	16652	Article
559	Dr. P. Dhanalakshmi	Image-based classification of healthy and diseased bell pepper using the transfer learning method	2022	International journal of Health Sciences	54			6773	6784	Article
560	Ayyaswamy Kathirvel, D. Sudha, S. Navaneethan, M. Subramaniam, Debashreet Das, Stewart Kirubakaran	AI Based Mobile Bill Payment System using Biometric Fingerprint	2022	American Journal of Engineering and Applied Sciences	15 No. 1, 2022, 23-31	31				

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561	Muddangala Naresh Babu, MRS Suryanarayana Reddy, E. Gnanaprasuna, Y. Madhavi, S. Susendiran	Impact Of Talent Management On Organisational Performance- Mediating Role Of Talent Acquisition, Talent Retention, And Employee Engagement	2022	Journal of Positive School Psychology	Vol. 6, No. 11			700-706		
562	Muddangala Naresh Babu; Gundraju Yamuna; MRS Suryanarayana Reddy; S. Susendiran	Neuromarketing: What is known already? What is yet to explore? -A view from the Practitioner	2022	NeuroQuantology	Volume 20 Issue 16			1613-1619		
563	K. Ramani	Securing Data from Active Attacks in IoT: An Extensive Study	2022	International Conference on Deep Learning, Computing and Intelligence. Advances in Intelligent Systems and Computing	vol 1396.			6	9	Conference Paper
564	Ch. Prathima	A Novel Curve-Energy Framework to Find the Shortest Possible Lines Through Computer Vision	2022	International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks. Advanced Technologies and Societal Change(CHSN-2020) organized by JNTUK						Conference Paper
565	Ch. Prathima	High-Performance Computing Center Framework for Smart Farming	2022	International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks. Advanced Technologies and Societal Change(CHSN-2020) organized by JNTUK						Conference Paper
566	Ch. Prathima	Reliable Smart Grid Framework Designs Through Data Processing and Analysis Process	2022	International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks. Advanced Technologies and Societal Change(CHSN-2020) organized by JNTUK						Conference Paper
567	Srilakshmi CH , E. Ramesh Babu , Dhivya. K , S. Venkataramana , Ata. Kishore Kumar	COMPARISON OF VARIOUS MACHINE LEARNING ALGORITHMS FOR PREDICTION OF LIVER ABNORMALITIES	2022	Journal of Clinical Otorhinolaryngology, Head, and Neck Surgery	Vol.: 27 Issue: 1, 2023			499	551	journal
568	V. Nirupamaa,*, Prabha Shreeraj Nairb, ATA Kishore Kumarc , Mantripragada Yaswanth Bhanu Murthyd, Priyanka Malhotrae , Syed Noeman Taquif , Hesham S. Almoallimg, Sulaiman Ali Alharbih and S.S. Raghavani	Cancer victims' attitudes towards the importance of supportive treatment and health-care	2022	Journal of Intelligent & Fuzzy Systems xx (20xx) x-xx	10.3233/JIFS-231903					
569	Tirumala Vasu G , Samreen Fiza ATA. Kishore Kumar, V. Sowmya Devi, Ch Niranjan Kumar, Afreen Kubra	Improved chimp optimization algorithm (ICOA) feature selection and deep neural network framework for internet of things (IOT) based android malware detection	2022	Measurement: Sensors	28 (2023) 100785					
570	Prof. P. Venkataramana Javid Basha Shaik	Design of quaternary MIN and MAX circuits using graphene nanoribbon field effect transistors	2022	Materials Today: Proceedings				3502	3506	Conference Paper
571	Ms B Hari Chandana Divya Nune; Harika D	Design and Simulation of Circular Coplanar Textile Antenna with C – Slot	2022	International Conference on Emerging Smart Computing and Informatics -2 2022				1	4	Conference Paper
572	Neelima KPulimi Sai Nithish Kumar, N. Vikram Teja , and Penumuru Mohith	Concentric Elliptical Patch Antenna with Omni-directional Radiation pattern for WLAN Applications	2022	International Conference on Intelligent Healthcare and Computational Neural Modeling (ICHCNN – 2022), November 2022						Conference Paper
573	Hirald Dwaraka Praveena, Katta Sudha, P. Geetha, Venkataraman C, V V Satyanarayana Tallapragada, M Venkatanaresh	XG Boosting and Deep Random Forest Based Home Number Detection	2022	6th International Conference on Computational Vision and Bio Inspired Computing ICCVBIC 2022				248	258	Conference Paper
574	P. Geetha	Energy Harvesting using ZnO Nanorods for Wearable Devices	2022	Proceedings of 4th International Conference on Cybernetics, Cognition and Machine Learning Applications, ICCMLA 2022				376	380	Conference Paper
575	Nune Divya, K Neelima, B Hari Chandana, D Harika	Hexagonal Split Ring Resonator for 5G Applications	2022	2023 IEEE 12th International Conference on Communication Systems and Network Technologies (CSNT)				66	70	Conference Paper
576	V Kalpana, V. Vijaya Kishore & R. V. S. Satyanarayana	MRI and SPECT Brain Image Analysis Using Image Fusion	2022	3rd International Conference on Mobile Radio Communications & 5G Networks				571	576	Conference Paper
577	P. Geetha	Design and simulation of NanoMOSFET	2022	3rd International Conference on Emerging Trends in Engineering and Technology				91		Conference Paper

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578	P.Geetha	NUMERICAL MODELING OF CNTMOSFET	2022	International Conference on Advanced Communication Control & Computing Technology (ICACCT-2022)				2		Conference Paper
579	P.Geetha,H.D. Praveena, Katta Sudha	EARLY DISEASE PREDICTION DETECTION OF BLAST IN ORYZA SATIVA	2022	International Conference on Intelligent Healthcare and Computational Neural Modelling (ICHCNN 2022)				156	163	Conference Paper
580	C.Venkata Sudhakar,G.Umaheswara Reddy, N.Usha Rani	Delineation of the Captive Limestone Mine Boundaries Using Multispectral Satellite Images Through the Use of NDVI and Google Earth Image Template Matching	2022	International Conference on Innovative Computing & Communication (ICICC) 2022						Conference Paper
581	Madhu G.CKiran Kumar Kommineni,Rajadurai Narayanamurthy,Gurpreet Singh	IoT Crypto Security Communication System	2022	International Conference on IoT Based Control Networks and Intelligent Systems				27	39	Conference Paper
582	Nune DivyaKanikapuram HariPriya, Kumari Vijay Kumar, Korrapati Lasya, G Govardhan Sai	H-slot coupled antenna design for IoT applications	2022	2023 3rd International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS)				52	57	Conference Paper
583	K.M.N. Chaitanya Kumar Reddy, N. Kanagasabai, N. Gireesh	Comparative Study on THD based study of BLDC Motor Speed Characteristics through the applications of PID and Fuzzy PID	2022	International Journal Of Research And Analytical Reviews	9	1		903	907	Article
584	Javid Basha Shaik and P.V.Ramana	Investigation of Crosstalk Issues for MWCNT Bundled TSVs in Ternary Logic	2022	ECS Journal of Solid State Science and Technology	11	3		1	8	Article
585	Nagaraja Rao Pamula Pullaiah, Dorai Venkatesekhar, Padarathi Venkatramana, Balaraj Sudhakar	Binary differential evolution with self-learning and deep neural network for breast cancer classification	2022	Concurrency and Computation Practice and Experience	35	15	e6951	1	15	Article
586	B.Ashreetha, Anil Kumar N,	Role of Embedded Systems in Industrial Section-By considering the Automotive Industry as an Example	2022	Journal of Optoelectronics Laser	41	3		100	103	Article
587	B.Ashreetha, M. Ramya Devi	Soft optimization techniques for automatic liver cancer detection in abdominal liver images	2022	International Journal of Health Sciences	6	S1		10820	10831	Article
588	N. Ashok Kumar, G Shyni	Architecture of NoC for Secure Data Routing using 4-H function of improved TACIT Security Algorithm	2022	Wireless Communications and Mobile Computing	2022			1	9	Article
589	V.Vijaya Kishore, V.kalpna	Application tool for assisting diagnosis and forecast Progression of abnormality and medical condition of patients	2022	Cardiometry	2022			520	526	Article
590	Madhukumar Patnala, C Jithendra Varma, Achyuta Sai, B Rajesh Reddy, B Sai Divya, B Baby Sri Divya	Homegrowns: An E-Commerce platform for farmers , vol.9, Issue 6,pp.307-316, June 2022.	2022	Journal of Emerging Technologies and Innovative Research	9	6		307	316	Article
591	K. S. Chakradhar	A Novel foot-shaped elliptically embedded patch ultra wide band antenna with quadruple band notch characteristics mode analysis	2022	International Journal of Communication Systems	35	15	e5284			Article
592	GBSR Naidu, A. Bhagyalakshmi & K.S. Chakradhar	Error Rate and Throughput Analysis of Next Generation MIMO-OFDM Cellular Systems	2022	Journal of Optoelectronics Laser	41	5		717	722	Article
593	GBSR Naidu, P M K Prasad, K.S. Chakradhar	A comprehensive probabilistic analysis of PAPR reduction approach with localized mapping, " I, vol. 6, No. S2, pp.9024-9031, 2022.	2022	International Journal of Health Sciences	6	S2		9024	9031	Article
594	Praveena, K., Venkatesh, U. S., Sahoo, N. K., Ramanan, S. V., Bee, M. K. M., & Darwante, N. K,	Brain tumor detection using ANFIS classifier and segmentation,	2022	International Journal of Health Sciences	6	S3		11817	11828	Article
595	Madhu,G.C.,Venkatesh,U.S.,Diwan,S.P.,Chavan,H.P.,Saravanakumar, C., & Sakhare,D.T	Issues and Challenges of brain tumor segmentation methods using MRI images	2022	International Journal of Health Sciences	6	S3		14793	14782	Article
596	T. V. S. Gowtham Prasad, B. Rama Rao, D. Nataraj & Srikanth Lammatha	Design of Multi Band Micro Strip Patch Antenna for S-Band and Ku Band Applications	2022	Journal of Optoelectronics Laser	41	6		405	411	Article
597	Neelima K., Ch. Kavya, Satyam, N. Vikram Teja	Design of Parabola Transformation for Gray Scale Image Processing using Xilinx System Generator	2022	Neuro Quantology	20	6		4239	4248	Article
598	Tathababu Adepalli, T.Vidyavathi, K.Neelima, M.sharma, D.Kumar	Asymmetrical fed Calendula flower shaped four-port 5G band(n77,n78, and n79) MIMO antenna with high diversity performance	2022	International Journal of Microwave and Wireless Technologies				1	15	Article
599	N. Gireesh, Satyam, K. Neelima, C. Guru Prasanna and B. Prasad Naik	DGS Based Slotted Microstrip Patch Antenna For Mm-Wave and 5G Applications	2022	Neuro Quantology	20	7		1539	1549	Article
600	D.Harika, B.Hari Chandana, K. Neelima, Satyam	A Multiband microstrip patch antenna with rampart line structure for UWB applications," Neuro Quantology, vol. 20, Issue 7, pp.34-42, July 2022.	2022	Neuro Quantology	20	7		34	42	Article
601	B.Hari Chandana, D.Harika, Neelima K, R. Nagendra	Design of 4x4 Array Antenna for Satellite Communication	2022	Neuro Quantology	20	7		74	77	Article

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602	N. Divya, Satyam, K. Neelima and T. Ganesh Kumar	Compact triple band millimeter wave patch antenna array for vehicular and 5G communications	2022	Neuro Quantology	20	7		54	64	Article
603	M.Dharani	Influence of Artificial Intelligence Technology on Teaching Slow Learners	2022	International Journal of Early Childhood Special Education (INT-JECS)	14	4		1824	1829	Article
604	M.Bharathi, D. Leela Rani, N. Padmaja & M.Dharani	A Health Monitoring System Based on IOT for Persons in Quarantine	2022	Journal of Algebraic Statistics	13	3		387	392	Article
605	Kuppala Saritha, D. Leela Rani, K. balaji, Vanlalruata Hnamte, Jama Hussain	Implementation of Novel Cryptographic Techniques for Mitigating Security Attacks in IOT	2022	Journal of Algebraic Statistics	13	3		1929	1937	Article
606	Neeruganti Vikram Teja, P.Vamsi, Neelima K, Nune Divya	Multi-scale Exposure Fusion for Low Dynamic Range Images	2022	Journal of Emerging Technologies and Innovative Research	9	8		c727	c737	Article
607	Balaji Morasa, Padmaja Nimmagadda	High-Speed Pipelined Architecture-Based Residue Number System For FIR Filter Design	2022	Advanced Engineering Science	54	6				Article
608	D. Damodaram, Ms. Mangali Meri, Ms. Manchala Usmounika, Ms. Madem Guru Sohini, Mr. Mallangi Rama Ganesh Reddy, Ms. Midabalam Manasa	Carbon Nanotube based Bio-Nanosensor	2022	International Journal of Advanced Research in Science, Communication and Technology	2	1		229	234	Article
609	R.Nagendra, Neelima K, P.Madhu Kumar, D.Harika	Design and simulation of Elliptical Shaped Multiband MIMO Antenna for Millimeter Wave Applications	2022	Neuro Quantology	20	7		3328	3335	Article
610	G.Srihari, D.Prasad, K.Hemabaram, K.Gopi	An Efficient PTSDCT-LH PARR Reduction Scheme for 5G Wireless Communications with OFDM Technology	2022	Journal of Algebraic Statistics	13	3		4440	4452	Article
611	V.Vijaya Kishore, V.kalpana, Shaik Shahul, B K Nagaraja	GUI Tool for Detection and Analysis of Honeycomb ILD pattern from Lung CT Images.	2022	Mathematical Statistician and Engineering Applications	71	4		4426	4430	Article
612	P.Venkatramana, M.Tharun Kumar Reddy, M.Madhurima, P.V.Sahithya Lakshmi, S.Saleema Begum, S.Harsha Vardhan Reddy	Smart Mobility Attendance System	2022	Journal of Emerging Technologies and Innovative Research	9	9		106	114	Article
613	Anjali G, Rajesh K, Chandana G, Vamsidhar Reddy K, T.V.V.Satyanarayana	Smart Access Control for restricted buildings using vehicle number plate recognition system	2022	Journal of Emerging Technologies and Innovative Research		9	9	115	120	Article
614	T. V. S. Gowtham Prasad, Anil V Turukumane, M.Sunil Kumar, N.Bindu Madhavi	CNN Based Pathway Control to Prevent COVID Spread Using Face Mask and Body Temperature Detection	2022	Journal of Pharmaceutical negative results	13	Sp.4		1374	1381	Article
615	K.S.Chakradhar, B.Rama Rao, D.Nataraj,	Microstrip Patch Antenna Design with Improved Shark Smell Optimization	2022	Wireless Personal Communications				1	21	Article
616	P. Geetha, Hiralad Dwaraka Praveena , Katta Sudha	"Comparative Study of Single, Double and Multi Shell CNTMOSFET for Biosensing Applications ,", vol.13, Issue 4, pp.999-1004,2022.	2022	Journal of Pharmaceutical negative results						Article
617	Katta Sudha, Hiralad Dwaraka Praveena , P. Geetha	"Design and Simulation of Compact Dual Band Fractal Antenna for Navigation Applications," , vol.13, Issue 4, pp.1005-1009,2022.	2022	Journal of Pharmaceutical negative results						Article
618	M. Dharani , M. Bharathi , M. Tharun Reddy , P. Venkata Sahithya Lakshmi , Kanna Samskruthi , Chengamma Chitteti	A Novel Realization of Multiplier Design for Signal Processing	2022	Journal of Pharmaceutical negative results	13	4		985	998	Article
619	M.Bharathi, M.Dharani	OCR-Based Vehicle Number Plate Recognition Powered By A Raspberry Pi International,	2022	i-manager Journal on Electronics Engineering,	12	3				Article
620	Nagaraja Rao Pamula Pullaiah Dorai Venkatesekhar, Padarathi Venkatramana, Balaraj Sudhakar	Breast Cancer Classification Using Customized ResNet Based Convolutional Neural Networks	2022	International Journal of Intelligent Engineering Systems	15	6		382	391	Article
621	Padmaja Nimmagadda, C.Sushma	Design of Optimal Ten Band Adjustable Finite Impulse Response Filter Bank for Hearing Aid," , Vol 54, Issue 07, pp.2405-2413, Sep 2022.	2022	Advanced Engineering Science	54	7		2405	2413	Article
622	B.Kameswara Rao, Dr.A.Saranya, Mr Velidi Saibaba, P G Mamatha, Dillip Narayan Sahu, Venkata Naga Rani Bandaru	Security Algorithm Analysis and Implementation in an IoT Environment," , vol.20, Issue 9, pp.2731-3742, 2022.	2022	Neuroquantology	20	9		2731	3742	Article
623	P G Mamatha , N. Geetha Rani , K. Mahesh , I. Suneetha , G. Vasanthi, G. Rakesh Kumar	Design of Graphene Nanoribbon FET using Quantumwise ATK	2022	Advanced Engineering Science	54	8		2669	2676	Article
624	Hiralad Dwaraka Praveena , A. Jaya Lakshmi , Katta Sudha , P. Geetha	A Novel Method for Seismic Time –Frequency Analysis via Wavelet Filter Bank Tree	2022	Advanced Engineering Science	54	9		2725	2733	Article
625	Hiralad Dwaraka Praveena, Katta Sudha, P. Geetha, M. Venkatanatesh	Comprehensive Time-Frequency Analysis of Noisy ECG Signals – A Review," Issue 24, pp.271-275, November 2022.	2022	Cardiometry	24			271	275	Article
626	V. Kalpana, V. Vijaya Kishore, K. M. Hemambaran	Intra-Vascular Ultrasound Image Based Decision Support System For Coronary Plaque Classification," Cardiometry, Issue 24, pp.1065-1072, November 2022.	2022	Cardiometry	24			1065	1072	Article
627	V. Kalpana, M.Jayalakshmi, V. Vijaya Kishore	Medical Image Forgery Detection By A Novel Segmentation Method With KPCA	2022	Cardiometry	24			1079	1085	Article

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628	M. Bharathi, K.Ramani,M.Dharani, N.Ashok Kumar, N.Padmaja	VLSI Implementation of EEG Signal Generation using ROM Based Approach	2022	Advanced Engineering Science	54	9		2903	2909	Article
629	D. Leel Rani	A NOVEL SECURITY FRAMEWORK FOR HEALTH CARE DATA THOROUGH IOT SENSORS	2022	MEASUREMENT SENSOR	S 24					Article
630	M.Venkata Naresh	Automated Food image classification using squeezeenet and VGG 16	2022	Journal of Xidian University				110	113	Article
631	Styam	Compact defected gorund structure micro strip patch antenna for 5G applications,	2022	Neuroquantology	20	7		3316	3322	Article
632	G.Srihari	Reactive Control Wave Energy Conertor with Emulator to withstand irregular wave conditions with artifiail neural networks,	2022	Journal od Basic Sciences	19			71	76	Article
633	Dr A Kishore Kumar	Secured supply chain management system for fisheries thorough IOT	2022	Measurement Sensors	25					Article
634	Dr A Kishore Kumar	Disease Prediction using Novel Deep learning mechanisms,	2022	Journal of pharmaceuticals negative results	13			42672	42675	Article
635	Satyam	Sensor Data Fusion for optimal robotic navigation using regression based on an IOT system,	2022	Measurement Sensors journal	24		100598			Article
636	M Balaji	High speed pipelined architecture based residue number system for FIR filter design, AES	2022	Advanced Engineering Science	54	6				Article
637	R.Nagendra	Design and evaluation of dual band eight port MIMO antenna for IOT applications,	2022	Journal of pharmaceuticals negative results	13	9		4351	4359	Article
638	D.Damodaram	Power control management system model using wireless sensor network,	2022	Measurement Sensors	25		100639			Article
639	T.V.V.Satyanarayana, N. Alivelu Manga, G. Pradeep Kumar & V. Satyanarayana Tallapragada	FPGA design of arithmetic optimised APT-VDF using reusable Vedic multiplier with simplified combinational logics for medical signal denoising	2022	International Journal of Electronics	111	1		64	85	Article
640	D Srinivasa Murthy, S Aruna Jyothy and P Mallikarjuna	A COMPARATIVE STUDY ON THE PERFORMANCE OF PROBABILITY DISTRIBUTIONS WITH CONVENTIONAL AND L-MOMENTS FOR ANNUAL MAXIMUM DAILY STREAMFLOW AT THE GAUGING SITES OF GODAVARI RIVER SUB-BASINS	2022	Indian Water Resources Society (IWRS)	42	1		1	26	Article
641	S Aruna Jyothy, D Srinivasa Murthy and P Mallikarjuna	Trend Analysis of Seasonal and Annual Rainfall – A Case Study of Rayalaseema, Coastal Andhra and Telangana Regions, India	2022	Indian Water Works Association (IWWA)						
642	Balaji, M., Padmaja, N.	High Speed and Area Efficient RNS Based FIR Filter Design Using Distributed Arithmetic Approach	2023	AIP Conference Proceedings	2901	1	90007			Conference Paper
643	Raju, H.P., Vijaya Kumar, M., Partheeban, P.	Wastewater Treatment in Constructed Wetlands by Phytoremediation Technique	2023	E3S Web of Conferences	455		3023			Conference Paper
644	Ainapure, B., Baheti, N., Buch, J., Appasani, B., Jha, A.V., Srinivasulu, A.	Drinking water potability prediction using machine learning approaches: a case study of Indian rivers	2023	Water Practice and Technology	18	12		3004	3020	Article
645	Damodaram, A.K., Reddy, L.V., Babu, U.R., Babu, M.M.	Impact of Multiple Entry & Exit System on Future Engineering Education in India – Theoretical Perspectives	2023	Journal of Engineering Education Transformations	37	2		60	71	Article
646	Chalichalamala, S., Govindan, N., Kasarapu, R.	Logistic Regression Ensemble Classifier for Intrusion Detection System in Internet of Things	2023	Sensors	23	23	9583			Article
647	Suresha, R., Arunkumar, R., Hanumagowda, B.N., Abduvalieva, D., Tarakaram, N., Awwad, F.A., Ismail, E.A.A., Khan, M.I.	Combined effect of magneto hydrodynamics, couple stress, and viscosity variation on squeeze film characteristics of a cylinder and rough flat plate	2023	SN Applied Sciences	5	12	350			Article
648	Orekantı, E.R., Bandi, V., Madhav, M.R.	Ultimate capacity of granular pile anchors	2023	Innovative Infrastructure Solutions	8	12	317			Article
649	Nagaraju, S., Nagendra, R., Balasundaram, S., Kiran Kumar, R.	Biometric key generation and multi round AES crypto system for improved security	2023	Measurement: Sensors	30		100931			Article
650	K, M., Nimmagadda, P.	Error resilient wireless video transmission via parallel processing using puncturing rule enabled coding and decoding	2023	e-Prime - Advances in Electrical Engineering, Electronics and Energy	6		100324			Article
651	Godala, S., Kumar, M.S.	A weight optimized deep learning model for cluster based intrusion detection system	2023	Optical and Quantum Electronics	55	14	1224			Article
652	Lekha, J., Sandhya, K., Archana, U., Anilkumar, C., Soman, S.J., Satheesh, S.	Secure medical sensor monitoring framework using novel optimal encryption algorithm driven by Internet of Things	2023	Measurement: Sensors	30		100929			Article
653	Sangamithra, B., Swamy, B.E.M., Kumar, M.S.	Evaluating the effectiveness of RNN and its variants for personalized web search	2023	Optical and Quantum Electronics	55	13	1202			Article

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654	Sudhakar, P.N., Vijaya Kishore, V.	A power/energy-efficient, process-variation-resilient multiplier using graphene nanoribbon technology and ternary logic	2023	AEU - International Journal of Electronics and Communications	172		154939			Article
655	Y.B, K.K., Babu, G.S., Chalapathi, U., Kiran, Y.B., Bhaskar, P.U., Park, S.-H.	Growth and characterization of spray-deposited Cu ₂ ZnSnS ₄ thin films by using two different carrier gases	2023	Physica B: Condensed Matter	670		415366			Article
656	Ganesh, A.C., Mohana, R., Loganathan, P., Kumar, V.M., Kirgiz, M.S., Nagaprasad, N., Ramaswamy, K.	Development of alkali activated paver blocks for medium traffic conditions using industrial wastes and prediction of compressive strength using random forest algorithm	2023	Scientific Reports	13	1	15152			Article
657	Buragadda, V., Orekanti, E.R., Kompala, M.P., Naresh, B., Sravani, E.	Effect of Modified Geotextile Reinforcement on Improvement of Anchor Uplift Capacity: An Experimental Study	2023	Indian Geotechnical Journal	53	6		1441	1453	Article
658	Basha, S.J., Venkatramana, P.	Design of Ternary Logic Circuits Using GNRFT and RRAM	2023	Circuits, Systems, and Signal Processing	42	12		7335	7356	Article
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661	Jagadeesh, S., Chenna Krishna Reddy, M., Tarakaramu, N., Ahmad, H., Askar, S., Shukhratovich Abdullaev, S.	Convective heat and mass transfer rate on 3D Williamson nanofluid flow via linear stretching sheet with thermal radiation and heat absorption	2023	Scientific Reports	13	1	9889			Article
662	Rani, P.S., Rani, K.R., Daram, S.B., Angadi, R.V.	Is It Feasible to Reduce Academic Stress in Net-Zero Energy Buildings? Reaction from ChatGPT	2023	Annals of Biomedical Engineering	51	12		2654	2656	Letter
663	Ragu Nathan, S., Balasubramanian, V., Rao, A.G., Sonar, T., Ivanov, M., Suganeswaran, K.	Effect of tool rotational speed on microstructure and mechanical properties of friction stir welded DMR249A high strength low alloy steel butt joints for fabrication of light weight ship building structures	2023	International Journal of Lightweight Materials and Manufacture	6	4		469	482	Article
664	Rafee, S.M., Prasad, M., Sunil Kumar, M., Easwaran, B.	AI technologies, tools, and industrial use cases	2023	Toward Artificial General Intelligence: Deep Learning, Neural Networks, Generative AI				21	51	Book Chapter
665	Thangaraj, K., Sakthivel, M., Balasamy, K., Suganyadevi, S.	Computer-aided cluster formation in wireless sensor networks using machine learning	2023	Journal of Intelligent and Fuzzy Systems	45	5		7415	7428	Article
666	Lakshmi, P.V., Musala, S., Srinivasulu, A., Ravariu, C.	Design of a 0.4 V, 8.43 ENOB, 5.29 nW, 2 kS/s SAR ADC for Implantable Devices	2023	Electronics (Switzerland)	12	22	4691			Article
667	Krishnan, V.G., Saleem, P.A.A., Kirubakaran, N., Sankaradass, V., Kumar, A.T.A.K., Jehan, C., Deepa, J., Dhanalakshmi, G.	Ensemble Deep Learning Classifier with Optimized Cluster Head Selection for NIDS in MANET	2023	Journal of Information Science and Engineering	39	6		1233	1246	Article
668	Mahaveerakannan R, Anitha, C., Aby K Thomas, Rajan, S., Muthukumar, T., Govinda Rajulu, G.	An IoT based forest fire detection system using integration of cat swarm with LSTM model	2023	Computer Communications	211			37	45	Article
669	Ramadevi, J., Sushama, C., Balaji, K., Talasila, V., Sindhwani, N., Mukti	AI enabled value-oriented collaborative learning: Centre for innovative education	2023	Journal of High Technology Management Research	34	2	100478			Article
670	Kumar, G.V.P., Tallapragada, V.V.S., Manga, N.A.	Optimized transmit antenna selection and self-attention based convolutional resource allocation model for massive MIMO technology	2023	Computer Networks	235		109948			Article
671	Lakshmi, A.J., Kumar, A., Kumar, M.S., Patel, S.I., Naik, S.K.L., Ramesh, J.V.N.	Artificial intelligence in steering the digital transformation of collaborative technical education	2023	Journal of High Technology Management Research	34	2	100467			Article
672	Suresh, K., Parimalasundar, E.	Newly designed single-stage dual leg DC-DC/AC buck-boost converter for grid connected solar system	2023	International Journal of Circuit Theory and Applications	51	11		5452	5469	Article
673	Janamala, V., Ram, I.S., Daram, S.B.	Realization of Green 5G Cellular Network Role in Medical Applications: Use of ChatGPT-AI	2023	Annals of Biomedical Engineering	51	11		2337	2339	Letter
674	Janamla, V., Daram, S.B., Rajesh, P., Kumari, C.H.N.	Response of ChatGPT for Humanoid Robots Role in Improving Healthcare and Patient Outcomes	2023	Annals of Biomedical Engineering	51	11		2359	2361	Letter
675	Anilkumar, N., Saravanakumar, A., Ragagopal, Karthick, S., Ghosh, A., Sekhar, B.R.	Usage of epoxy based natural fibre composites reinforced with veldt grape fibre and kenaf fibre to improve the efficiency management	2023	AIP Conference Proceedings	2869	1	30028			Conference Paper
676	Parimalasundar, E., Muthukaruppasamy, S., Dharmaprakash, R., Suresh, K.	Performance investigations of five-level reduced switches count H-bridge multilevel inverter	2023	Electrical Engineering and Electromechanics	2023	6		58	62	Article

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677	Sudhakar, V.C., Reddy, U.G.	Assessment of open-pit captive limestone mining areas using sentinel-2 imagery with spectral indices and machine learning algorithms	2023	International Journal of Knowledge-Based and Intelligent Engineering Systems	27	2		133	148	Article
678	Das, P., Vetrithangam, D., Krishnan, G.H., Kumar, A., Reddy, R.V.K.	Deep learning techniques revolutionizing biomedical applications: Arrhythmia detection, cardiac sensed signals, and cell-free synthetic biology	2023	Applications of Synthetic Biology in Health, Energy, and Environment				68	91	Book Chapter
679	Prayagi, S., Mareddy, P.L., Katta, L.N., Narapureddy, S.R.	Optimum Scheduling of a Multi-Machine Flexible Manufacturing System Considering Job and Tool Transfer Times without Tool Delay	2023	Mathematics	11	19	4190			Article
680	Krishnan, G.H., Thrinath, B.V.S., Karthikeyan, G., Ravi, V., Parimalasundar, E.	Switched Capacitor-Based Bidirectional Power Converter with Enhanced Voltage Boost and Reduced Switching Strain for Electric Vehicle Applications	2023	International Journal of Electrical and Electronics Research	11	4		904	908	Article
681	Tarigonda, H., Lakshmi Kala, K., Gnanaprakash, P., Raghurami Reddy, D., Harsha Vardhan Reddy, K.	Desirability function analysis approach for optimization of fused deposition modelling process parameters	2023	International Journal of Materials Research	114	10-Nov		940	946	Article
682	Devaraju, T., Vijayakumar, Y.N., Pala Prasad Reddy, M., Kosaleswara Reddy, T.	Dynamic Voltage Control in Multilevel Inverters with TAR PWM for Non-Uniform DC Inputs	2023	SSRG International Journal of Electrical and Electronics Engineering	10	10		207	217	Article
683	Balaji, M., Padmaja, N.	Area and Delay Efficient RNS-Based FIR Filter Design Using Fast Adders and Multipliers	2023	SSRG International Journal of Electrical and Electronics Engineering	10	10	IJEEE-V10I10P115	151	164	Article
684	Devaraju, T., Pala Prasad Reddy, M., Sujatha, D., Ravikumar, R., Munisankar, A., Senthikumar, V.	Advanced Control Techniques for Power Quality Enhancement in Off-Grid Wind Power Systems	2023	SSRG International Journal of Electrical and Electronics Engineering	10	10		40	53	Article
685	Patil, P.R., Pushpalatha Kumari, M., Devaraju, T., Parvathi, Kosaleswara Reddy, T., Rajasekhar, G.G.	A Novel Reliable Five-Level Multilevel Inverter for Critical Loads	2023	SSRG International Journal of Electrical and Electronics Engineering	10	10		89	97	Article
686	Stateczny, A., Praveena, H.D., Krishnappa, R.H., Chythanya, K.R., Babysarojam, B.B.	Optimized Deep Learning Model for Flood Detection Using Satellite Images	2023	Remote Sensing	15	20	5037			Article
687	Bharathi, M., Mohanarangam, K., M Shirur, Y.J., Choi, J.R.	Accelerating DSP Applications on a 16-Bit Processor: Block RAM Integration and Distributed Arithmetic Approach	2023	Electronics (Switzerland)	12	20	4236			Article
688	Ganesh, A.C., Raju, H.P., Prasad, J.R., Mukilan, K.	Effect of granite waste in slag-based geopolymer activated by RHA derivative	2023	Innovative Infrastructure Solutions	8	10	269			Article
689	Nathan, S.R., Balasubramanian, V., Gourav Rao, A., Sonar, T., Ivanov, M., Rajendran, C.	Influence of tool plunging rate on mechanical properties and microstructure of friction stir welded DMR249A high strength low alloy (HSLA) steel butt joints	2023	Materialprüfung/Materials Testing	65	10		1528	1538	Article
690	Balaji, K., Nirosha, V., Yallamandaiah, S., Karthik, S., Prasad, V.S., Prathyusha, G.	DesU-NetAM: optimized DenseU-Net with attention mechanism for hyperspectral image classification	2023	International Journal of Information Technology (Singapore)	15	7		3761	3777	Article
691	Sen, S., Sarkar, A., Chakraborty, P., Teja, N.V., Kundu, M.	Investigation and Characterization of Graphene/Al, ZnO/Al and Al/Graphene/ZnO Contacts	2023	IEEE Transactions on Electrical and Electronic Engineering	18	10		1564	1568	Article
692	Mohammed, S., Nanthini, S., Bala Krishna, N., Srinivas, I.V., Rajagopal, M., Ashok Kumar, M.	A new lightweight data security system for data security in the cloud computing	2023	Measurement: Sensors	29		100856			Article
693	Chakravarthi, S.S., Kannan, R.J.	RETRACTED: Detection of anomalies in cloud services using network flowdata analysis, (International Journal of Electrical Engineering & Education, (2020))	2023	International Journal of Electrical Engineering and Education	60	1_suppl		1096	1107	Erratum
694	Kumar, B.H., Janardhan, K., Chandrika, V.S., Sekhar, G.G.R., Kadam, D.P., Kumar, D.	A Five Level SC Inverter with Reduced Switch Count and Self Balancing Capability	2023	El-Cezeri Journal of Science and Engineering	10	3		517	525	Article
695	Prakaash, A.S., Kalaivani, K., Rajheshwari, K.C., Dhanalakshmi, P., Mohanaprakash, T.A.	Revolutionizing Rain Prediction: Deep Learning-Powered TensorFlow Solution for Meteorology and Emergency Management	2023	International Journal of Intelligent Systems and Applications in Engineering	11	4		844	852	Article
696	Gurav, Y., Prashanth, S.K., Shaikh, A.A., Ravichand, M., Samarathro, K.V., Biradar, V.	Experimental Hybrid Technique for Enhancing the Quality of Personalized Product Recommendation System using Deep Learning	2023	International Journal of Intelligent Systems and Applications in Engineering	11	4		376	386	Article
697	Duraihem, F.Z., Renuka Devi, R.L.V., Prakash, P., Sreelakshmi, T.K., Saleem, S., Durgaprasad, P., Raju, C.S.K., Suresh Kumar Raju, S.	Enhanced heat and mass transfer characteristics of multiple slips on hydro-magnetic dissipative Casson fluid over a curved stretching surface	2023	International Journal of Modern Physics B	37	23	2350229			Article
698	Satav, S.D., Lamani, D., Harsha, K.G., Kumar, N.M.G., Manikandan, S., Sampath, B.	Energy and battery management in the era of cloud computing: Sustainable wireless systems and networks	2023	Sustainable Science and Intelligent Technologies for Societal Development				141	166	Book Chapter
699	Cheepati, K.R., Parimalasundar, E., Suresh, K., Rami Reddy, C., Alqahtani, M.M., Khalid, M.	Design of Triple Tuned Passive Harmonic Power Filter - A Novel Approach	2023	IEEE Canadian Journal of Electrical and Computer Engineering	46	4		270	277	Article

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700	Sarada, K., Kadam, D.P., Reddy, S., Patil, P.R., Azamira, S.S.N., Reddy, M.R.	A Single Source Switched Capacitor Seven-Level Boost Inverter for Solar PV Applications	2023	SSRG International Journal of Electrical and Electronics Engineering	10			76	85	Article
701	Muthukaruppasamy, S., Daram, S.B., Kumar, S.S., Dharmaprakash, R.	Predictive Modeling of Power System Contingencies with SVMs and FACTS Devices for Enhanced Stability	2023	SSRG International Journal of Electrical and Electronics Engineering	10			112	123	Article
702	Dhanalakshmi, P., Reddy, U.J., Ranjith Reddy, M., Ravikanth, G.	Machine Learning Electrical Vehicle Charging Management under the Optimization of Flyback Converter for Solar Photovoltaic Applications	2023	SSRG International Journal of Electrical and Electronics Engineering	10			137	153	Article
703	Muthukaruppasamy, S., Geetha, P., Rajagopal, V., Duraipandy, P.	Modeling of Energy Generation Using Piezoelectric Material for Wearable Devices	2023	SSRG International Journal of Electrical and Electronics Engineering	10	9		101	111	Article
704	Jayaraman, J., Rani, D.L., Selvarani, A., Aljanabi, M., Gopianand, M., Saravanapandian, M.	An Adaptive Deep Feature Neural Classification Algorithm for Efficient Cardiac Disease Early Risk Identification	2023	Journal of Advanced Research in Applied Sciences and Engineering Technology	32	1		18	31	Article
705	Ambareesh, S., Kantharaju, H.C., Sakthivel, M.	A novel Fuzzy TOPSIS based hybrid jarratt butterfly optimization for optimal routing and cluster head selection in WSN	2023	Peer-to-Peer Networking and Applications	16	5		2512	2524	Article
706	Vijayalakshmi, N., Roopa, Y.M., Ashreetha, B., Ramesh, J.V.N., Rao, E.G., Sundararajan, P.N.	Development of Digital Twin with External Data Resources in Manufacturing with Complex Algorithms	2023	SN Computer Science	4	5	611			Article
707	Basha, S.J., Venkatramana, P.	High performance quaternary logic designs using GNFETs	2023	e-Prime - Advances in Electrical Engineering, Electronics and Energy	5		100197			Article
708	Ashok, J., Tallapragada, V.V.S., Padmaja, D.L., Sathish, E., Karthikeyan, S., Kumar, J.P.	Modelling and Implementation of Microcontroller System Robotic Devices Through Digital Twins with the Modernization of Complex Systems	2023	SN Computer Science	4	5	497			Article
709	Anitha, C., Rajesh Kumar, T., Balamaniandan, R., Mahaveerakannan, R.	Fault Diagnosis of Tennessee Eastman Process with Detection Quality Using IMVOA with Hybrid DL Technique in IIOT	2023	SN Computer Science	4	5	458			Article
710	Kumar, P.V., Sivakumar, N., Shukla, P., Prakash, P., Durgaprasad, P., Krishna, C.M., Raju, C.S.K., Reddy, G.V.	Dynamics of Brownian motion and flux conditions on naturally unsteady thermophoretic flow with variable fluid properties	2023	Heat Transfer	52	6		4137	4157	Article
711	Devi, M.R., Sivakumar, N., Tarakaramu, N., Narayana, P.V.S.	The impact of heat source and thermal radiation on nanobioconvection containing gyrotactic microorganism flow in parallel channel	2023	AIP Conference Proceedings	2852	1	50010			Conference Paper
712	Rudra Kumar, M., Anitha, P., Ashwitha, A., Reddy, P.V., Gadiyar, H.M.T.	Automated Cotton Leaf Identification Using Feature Selection Techniques	2023	International Journal of Intelligent Systems and Applications in Engineering	11	11s		410	415	Article
713	Deepak, A., Chavan, A.S., Bodhankar, A., Annabel, L.S.P., Nimmalarathi, Vanathi, A.	Advancing Air Quality Prediction in Specific Cities Using Machine Learning	2023	International Journal of Intelligent Systems and Applications in Engineering	11	11s		309	317	Article
714	Natarajan, V.P., Chandra Shekhar, S.N., Kumar, R.K., Swaminathan, A., Harika, D., Mahalakshmi, G.	Improved Power Effective Node Combined Heterogeneous Path Protocol for Enhance Network Lifetime Based on Cloud Resource Management in WSN	2023	International Journal of Intelligent Systems and Applications in Engineering	11	11s		235	244	Article
715	Kumar, M.S., Harsha, B.K., Jule, L.T.	AI-driven cybersecurity modeling using quantum computing for mitigation of attacks in IOT-SDN network	2023	Quantum-Safe Cryptography Algorithms and Approaches: Impacts of Quantum Computing on Cybersecur				37	47	Book Chapter
716	Muthukaruppasamy, S., Parimalasundar, E., Rajagopal, V., Duraipandy, P.	Integrating MPPT and Artificial Neural Networks for Efficient DC-DC and DC-AC Conversion in Photovoltaic Applications	2023	SSRG International Journal of Electrical and Electronics Engineering	10	8		51	61	Article
717	Reddy, V.M.K., Venkatesh, P., Dharmaprakash, R., Kumar, S.S.	An Integrated Economic and Emissions Dispatch Problem using the Sparrow Search Algorithm	2023	SSRG International Journal of Electrical and Electronics Engineering	10	8		206	214	Article
718	Javvaji, H., Kadam, D.P., Kishore, Y.K., Sarada, K., Reddy, M.R., Reddy, M.L.	Design and Performance Assessment of a Multilevel Inverter for Improved Standalone PV System Operation	2023	SSRG International Journal of Electrical and Electronics Engineering	10	8		67	78	Article
719	Hirald Dwaraka Praveena R Sree Lakshmi, Nitturu Naveen, Setty Surendra, S Neha Keerthy, T Venkata Sudarshan	Comparative Analysis of Deep Learning Algorithms for Skin Cancer Classification	2023	Proceedings of International Conference on Advanced Materials and Technologies for Industry 4.0 (ICAMT 4.0)						Conference Paper
720	Vanteru, M.K., Jayabalaji, K.A., P, S.G., Ilango, P., Nautiyal, B., Yasmine Begum, A.	Multi-Sensor Based healthcare monitoring system by LoWPAN-based architecture	2023	Measurement: Sensors	28		100826			Article
721	Suresh, K., Parimalasundar, E.	Design and implementation of dual-leg generic converter for DC/AC grid integration	2023	International Journal of Circuit Theory and Applications	51	8		3865	3879	Article
722	Sultanuddin, S.J., Vibin, R., Rajesh Kumar, A., Behera, N.R., Pasha, M.J., Baseer, K.K.	Development of improved reinforcement learning smart charging strategy for electric vehicle fleet	2023	Journal of Energy Storage	64		106987			Article

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723	Sonwal, S., Shukla, S., Alhammadi, M., Umapathi, R., Sudhani, H.P.K., Cho, Y., Huh, Y.S.	Colorimetric sensing of calcium carbide over banana peels using 5,5'-dithiobis-(2-nitrobenzoic acid) (DTNB) as a rapid chemoreceptor: a point of care tool for food fraud analysis	2023	Materials Advances	4	19		4390	4399	Article
724	Loganathan, P., Prasad Raju, H., Margret, A.L., Ragavan, V., Ganesh, A.C.	Extraction of Heavy Metals from Soil Affected by Landfill Leachate through Constructed Wetlands: A Phytoremediation Approach to Rejuvenating the Contaminated Environment	2023	E3S Web of Conferences	405		1001			Conference Paper
725	Sivaji, U., Sateesh Kumar Reddy, C., Dhanya, D., Manasa, C.M., Chitteti, C.	Unveiling Deceptive Patterns: AI-Driven Fraud Detection in Healthcare Finance	2023	International Journal of Intelligent Systems and Applications in Engineering	11	9s		782	789	Article
726	Shanthi, T., Sheela, M.S., Jayakanth, J.J., Karpagam, M., Srividhya, G., Gowtham Prasad, T.V.S.	A Novel approach Secure Routing in Wireless Sensor Networks for Safe Path Establishment of Private IoT Data Transmission	2023	International Journal of Intelligent Systems and Applications in Engineering	11	9s		455	460	Article
727	Raghavendra, G., Chaturvedi, A., Chavan, A.S., Singh, P., Farook, S., Reddy, C.K., Shrivastava, A.	Intelligent Driverless Delivery Solutions Using Recent AI Technology	2023	International Journal of Intelligent Systems and Applications in Engineering	11	9s		217	224	Article
728	Hema, N., Krishnamoorthy, N., Chavan, S.M., Kumar, N.M.G., Sabarimuthu, M., Boopathi, S.	A study on an Internet of Things (IoT)-enabled smart solar grid system	2023	Handbook of Research on Deep Learning Techniques for Cloud-Based Industrial IoT				290	308	Book Chapter
729	Sai Thrinath, B.V., Venkata Ramana, C., Meghya Nayak, B., Yashashwini, B., Kumar, N.M.G., Ezhilvannan, P.	An Uninterrupted Fuzzy-Based PV-BES System for Improving Power Quality in Grid-Connected Systems	2023	Journal of Solar Energy Research	8	3		1622	1634	Article
730	Venkata Sudhakar, C., Umamaheswara Reddy, G.	Impacts of cement industry air pollutants on the environment and satellite data applications for air quality monitoring and management	2023	Environmental Monitoring and Assessment	195	7	840			Review
731	Masthanaiah, Y., Tarakaramu, N., Khan, M.I., RushiKesava, A., Ben Moussa, S., Fadhi, B.M., Abdullaev, S.S., Eldin, S.M.	Impact of viscous dissipation and entropy generation on cold liquid via channel with porous medium by analytical analysis	2023	Case Studies in Thermal Engineering	47		103059			Article
732	Tallapragada, V.V.S., Manga, N.A., Kumar, G.V.P.	A novel COVID diagnosis and feature extraction based on discrete wavelet model and classification using X-ray and CT images	2023	Multimedia Tools and Applications	82	17		26183	26224	Article
733	Kusuma, T., Kumar, J.P.S.	Predicting NAVs of mutual funds using the ARIMA model	2023	AIP Conference Proceedings	2875	1	20012			Conference Paper
734	Parimalasundar, E., Jayanthi, R., Suresh, K., Sindhuja, R.	Investigation of efficient multilevel inverter for photovoltaic energy system and electric vehicle applications	2023	Electrical Engineering and Electromechanics	2023	4		47	51	Article
735	Sujatha, M.S., Sreelakshmi, S., Parimalasundar, E., Suresh, K.	Mitigation of harmonics for five level multilevel inverter with fuzzy logic controller	2023	Electrical Engineering and Electromechanics	2023	4		52	56	Article
736	Krishnan, S., Pandi, P., Mopidevi, S.	TPTPC and BHC integrated grid connected energy storage system for power loss reduction	2023	Circuit World	49	3		328	334	Article
737	Reddappa, B., Babu, M.S., Sreenadh, S.	Magnetohydrodynamic (MHD) Jeffrey Nanofluid Flow over an Exponentially Stretching Sheet through a Porous Medium	2023	AIP Conference Proceedings	2649		30003			Conference Paper
738	Itagi, M., Gowda V, D., Prasad, K.D.V., Kumar, P.S.V.V.S.R., Shekhar, R., Ashreetha, B.	Performance Analysis of Energy Efficiency and Security Solutions of Internet of Things Protocols	2023	International Journal of Electrical and Electronics Research	11	2		442	450	Article
739	Prabhu, S., Vijayakumar, A., Stonier, A.A., Peter, G., Dorji, S., Ganji, V.	Analysis of isolated phase windings and permanent magnet assists high energy efficient hybrid-reluctance motor for electric vehicle	2023	IET Electrical Systems in Transportation	13	2	e12081			Article
740	Vatambeti, R., Pradhan, N.C., Sandhya, E., Vinta, S.R., Anbarasu, V., Venkateswara Rao, K.	Energy Management and Network Traffic Avoidance Using GAODM and E-AODV Protocols in Mobile Ad-Hoc Network	2023	International Journal of Computer Network and Information Security	15	3		78	89	Article
741	Nagabhooshanam, N., ganapathy, N.B.S., Ravindra Murthy, C., Mohammed Saleh, A.A., CosioBorda, R.F.	Neural network based single index evaluation for SQL injection attack detection in health care data	2023	Measurement: Sensors	27		100779			Article
742	M, S., S, S., V, P.B., P, H.P., GNR, P., M, T.	Automated detection of cardiac arrest in human beings using auto encoders	2023	Measurement: Sensors	27		100792			Article
743	Turukmane, A.V., Pradeepa, M., Reddy, K.S.S., Suganthi, R., Riyazuddin, Y.M., Tallapragada, V.V.S.	Smart farming using cloud-based IoT data analytics	2023	Measurement: Sensors	27		100806			Article
744	Lal, B., Ravichandran, S., Kavin, R., Anil Kumar, N., Bordoloi, D., Ganesh Kumar, R.	IOT-BASED cyber security identification model through machine learning technique	2023	Measurement: Sensors	27		100791			Article
745	Kandasamy, S., Sarathkumar, T., Narasimulu, K., Kumar, C.L.M.	Influence of permeable formwork on the performance of polypropylene fibre reinforced concrete	2023	Journal of Building Pathology and Rehabilitation	8	1	34			Article
746	Srihari, G., Raman, R., Thangavelu, S., Padmaja, N.	Hammer-shaped slotted antenna design and analysis for wireless applications	2023	Indonesian Journal of Electrical Engineering and Computer Science	30	3		1488	1497	Article

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747	Josephinshermila, P., Sharon priya, S., Malarvizhi, K., Hegde, R., Gokul Pran, S., Veerasamy, B.	Accident detection using automotive smart black- box based	2023	Measurement: Sensors	27		100721			Article
748	Sreelakshmi, S., Sujatha, M.S., Rahul, J.R., Sutikno, T.	Reduced switched seven level multilevel inverter by modified carrier for high voltage industrial applications	2023	International Journal of Power Electronics and Drive Systems	14	2		872	881	Article
749	Bandi, R., Babu Mallela, S., Sreedharamalle, S., Putta, D.	The flow of non-Newtonian fluid in an inclined channel through variable permeability	2023	Heat Transfer	52	4		3058	3073	Article
750	Tharehallimata, G., Narasimhamu, K.L.	Geometric optimisation of double ended magnetorheological fluid damper	2023	International Journal on Interactive Design and Manufacturing	17	3		1339	1349	Article
751	Kumar, S.S., Mahesha, K., Sachidananda, K.B., Dey, A.	Temperature-Dependent Wear Behavior of Air Plasma Sprayed Alumina and Alumina-Titania Composite Coatings	2023	Journal of The Institution of Engineers (India): Series D	104	1		351	357	Article
752	Swamy, K.A., Alex, Z.C.	Efficient low delay reconfigurable filter bank using parallel structure for hearing aid applications with IoT	2023	Personal and Ubiquitous Computing	27	3		1381	1394	Article
753	Jana, S., Thilagavathy, S.D., Shenbagavalli, S.T., Srividhya, G., Gowtham Prasad, T.V.S., Hemavathy, R.	Plant Leaf Disease Prediction Using Deep Dense Net Slice Fragmentation and Segmentation Feature Selection Using Convolution Neural Network	2023	International Journal of Intelligent Systems and Applications in Engineering	11	6s		76	85	Article
754	Margarat, G.S., Siva Kumar, C., Rajan, S., Raj Mohan, B.	Forecasting Wind Energy Production Using Machine Learning Techniques	2023	E3S Web of Conferences	387		1007			Conference Paper
755	Reddy, V.S.K., Saravanan, T., Velusudha, N.T., Selwyn, T.S.	Smart Grid Management System Based on Machine Learning Algorithms for Efficient Energy Distribution	2023	E3S Web of Conferences	387		2005			Conference Paper
756	Addepalli, T., Vidyavathi, T., Neelima, K., Sharma, M., Kumar, D.	Asymmetrical fed Calendula flower-shaped four-port 5G-NR band (n77, n78, and n79) MIMO antenna with high diversity performance	2023	International Journal of Microwave and Wireless Technologies	15	4		683	697	Article
757	Mukilan, K., Ganesh, A.C., Deepak, N., Ajay, V.S., Pandi, G.V., Rajalingam, S., Priyan, K.S.	Effect of molarity over the slag based geopolymer brick under ambient curing	2023	AIP Conference Proceedings	2521		20003			Conference Paper
758	Gokul Pran, S., Raja, S.	An efficient feature selection and classification approach for an intrusion detection system using Optimal Neural Network	2023	Journal of Intelligent and Fuzzy Systems	44	5		8561	8571	Article
759	Srinivasan, G., Mahesh Kumar Reddy, V., Venkatesh, P., Parimalasundar, E.	Reactive power optimization in distribution systems considering load levels for economic benefit maximization	2023	Electrical Engineering and Electromechanics	2023	3		83	89	Article
760	Vobulapuram, R.K., Shaik, J.B., Venkatramana, P., Mekala, D.P., Lingayath, U.	Design of bilayer graphene nanoribbon tunnel field effect transistor	2023	Circuit World	49	2		174	179	Article
761	Anantha Krishna, N., Mohana Reddy, Y.V., Chandra Mohan Reddy, B.	From synthesis to bioactivity: A comprehensive study of Cu-based biocidal tool	2023	Indian Journal of Traditional Knowledge	22	2		322	329	Article
762	Kumar, J.P., Muppagowni, G.K., Kumar, J.P., Malla, S.J., Chandanapalli, S.B., Sandhya, E.	Selection of Features Using Adaptive Tunicate Swarm Algorithm with Optimized Deep Learning Model for Thyroid Disease Classification	2023	Ingenierie des Systemes d'Information	28	2		299	308	Article
763	Ezhilvannan, P., Krishnan, S., Kumar, B.H., Janardhan, K., Ramachandran, S.	Analysis of the Effectiveness of a Two-Stage Three-Phase Grid-Connected Inverter for Photovoltaic Applications	2023	Journal of Solar Energy Research	8	2		1471	1483	Article
764	Surya Sekhar Reddy, M., Sai Vandana, C., Kishore Kumar, Y.B.	Room Temperature Ferromagnetism and Enhanced Band Gap Values in N Co-doped Cr: CdS Nanoparticles for Spintronic Applications	2023	Journal of Superconductivity and Novel Magnetism	36	4		1243	1248	Article
765	Yadav, P.K., Bhasker, R., Stonier, A.A., Peter, G., Vijayakumar, A., Ganji, V.	Machine learning based load prediction in smart-grid under different contract scenario	2023	IET Generation, Transmission and Distribution	17	8		1918	1931	Article
766	Rao, B.R., Chakradhar, K.S., Nataraj, D.	Design, optimization and experimental verification of UWB-MIMO antenna with WLAN and complete X-band notched characteristics, checked with characteristic mode analysis (CMA)	2023	Analog Integrated Circuits and Signal Processing	115	1		139	158	Article
767	Reddy Madhavi, K., Mohd Nawi, M.N., Bhaskar Reddy, B., Baboji, K., Hari Kishore, K., Manikanthan, S.V.	Energy efficient target tracking in wireless sensor network using PF-SVM (particle filter-support vector machine) technique	2023	Measurement: Sensors	26		100667			Article
768	Kavitha, T., Satish Kumar, M., Srihari, G., Umasankar, L., Babu, N.V.	Scaled and nonlinear multi-objective model for Downlink and Uplink exposure in massive MIMO	2023	Physical Communication	57		102004			Article
769	Sanka, S., Sujatha, M.S., Rahul, J.R.	Improved Seven-Level Multilevel DC-Link Inverter with Novel Carrier PWM Technique	2023	Journal of Circuits, Systems and Computers	32	6	2350108			Article
770	Suganeswaran, K., Ragu Nathan, S., Parameswaran, R., Nithyavathy, N., Dhineshababu, N.R.	Characterization of AA7075 Surface Composites with Ex Situ Al2O3/SiC Reinforcements Tailored Using Friction Stir Processing	2023	Journal of Materials Engineering and Performance	32	8		3617	3632	Article

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771	Santhosh, S., Juliet, A.V., Krishnan, G.H.	Retraction Note to: Predictive analysis of identification and disease condition monitoring using bioimpedance data (Journal of Ambient Intelligence and Humanized Computing, (2021), 12, 2, (2955-2963), 10.1007/s12652-020-02452-7)	2023	Journal of Ambient Intelligence and Humanized Computing	14			211		Erratum
772	Nathan, S.R., Suganeswaran, K., Kumar, S., Thangavel, P., Gobinath, V.K.	Investigations on microstructure, thermo-mechanical and tribological behavior of graphene oxide reinforced AA7075 surface composites developed via friction stir processing	2023	Journal of Manufacturing Processes	90			139	150	Article
773	Kumar, B.H., Prabhu, S., Janardhan, K., Arun, V., Vivekanandan, S.	A Switched Capacitor-Based Multilevel Boost Inverter for Photovoltaic Applications	2023	Journal of Circuits, Systems and Computers	32	4	2350057			Article
774	Kumar, N.M.G., Ahmad, A., Dankan Gowda, V., Lokesh, S., Kadam, K.R.R.	An enhanced method for running embedded applications in a power-efficient manner	2023	Energy Systems Design for Low-Power Computing				257	277	Book Chapter
775	Sharma, A., Dankan Gowda, V., Begum, A.Y., Nageswari, D., Lokesh, S.	Wireless sensor and actuator networks-based reliable data acquisition mechanism	2023	Energy Systems Design for Low-Power Computing				187	213	Book Chapter
776	Suresh, K., Parimalasundar, E., Sujatha, M.S., Kumar, N.M.G.	Design and Implementation Bidirectional DC-AC Converter for Energy Storage System	2023	IEEE Canadian Journal of Electrical and Computer Engineering	46	2		130	136	Article
777	Prasad, K.D.V., Palanikkumar, D., Daukau Gowda, V., Hussain, N., Azhagu Jaisudhan Pazhan, A., Auil Kumar, N.	A Novel Method of Enhancing Security Solutions and Energy Efficiency of IoT Protocols	2023	International Journal on Recent and Innovation Trends in Computing and Communication	11	4		325	335	Article
778	Srilakshmi, K., Gaddameedhi, S., Santhosh, D.T., Yashaswini, N., Valluri, N., Reddy, J.G.P., Kumar, N.M.G., Naik, D.A.	Design and Performance Analysis of Fuzzy Based Hybrid Controller for Grid Connected Solar-Battery Unified Power Quality Conditioner	2023	International Journal of Renewable Energy Research	13	1				Article
779	Hannan, M., Shanmuganantham, T., Shahid, M., Sindhanaiselvi, D., Kumar, S.A., Srihari, G.	High Gain Multilayered Microstrip Patch Antenna for C Band Applications	2023	International Journal of Microwave and Optical Technology	18	2		104	111	Article
780	Koppala, N., Ashok Kumar, N., Satyam, Teja, N.V.	Proficient matrix codes for error detection and correction in 8-port network on chip routers	2023	Indonesian Journal of Electrical Engineering and Computer Science	29	3		1336	1344	Article
781	Kumaraswamy Naidu, K., Sreenadh, S.	The flow of a Jeffrey fluid in a composite horizontal channel partially filled with a deformable porous material	2023	Heat Transfer	52	2		2017	2031	Article
782	Manickam, S., Rajendran, C., Ragu Nathan, S., Sivamaran, V., Balasubramanian, V.	Assessment of the influence of FSSW parameters on shear strength of dissimilar materials joint (AA6061/AZ31B)	2023	International Journal of Lightweight Materials and Manufacture	6	1		33	45	Article
783	Balaji, K., Sai Kiran, P., Sunil Kumar, M.	Power aware virtual machine placement in IaaS cloud using discrete firefly algorithm	2023	Applied Nanoscience (Switzerland)	13	3		2003	2011	Article
784	Sadi, R.P.R., Prabhakar Rao, B.V.A.N.S.S., Singh, R.K., Dadhira, C., Kumar, K.S., Chitteti, C.	Federated Learning Approach for Predicting the Growth Rate and Menace of COVID-19	2023	International Journal of Intelligent Systems and Applications in Engineering	11	2		928	935	Article
785	Hussain, K., Neeraja, P., Jose, D.B.K., Prasad, Ch.V.S., Selvaraju, S., Kodali, A.B.	Analysis of Wearable Sensor Electronics and Wireless Health Monitoring Systems	2023	International Journal of Intelligent Systems and Applications in Engineering	11	2		148	152	Article
786	Godala, S., Sunil Kumar, M.	Intrusion Detection by Stacked Deep Ensemble Model with Entropy and Correlation Feature Set	2023	International Journal of Intelligent Systems and Applications in Engineering	11	4s		7	21	Article
787	Kumar, M.S., Kumarasamy, M., Madhavi, N.B., Dhariwal, S., Kumar, R.S., Oyeboode, O.J.	Reinforcement Based Concrete Modelling in Commercial Buildings Using Machine Learning Simulations	2023	International Journal of Intelligent Systems and Applications in Engineering	11	4s		118	126	Article
788	Sunil Kumar, M., Sundararajan, V., Alangudi Balaji, N., Patil, S.S., Sharma, S., Joy Winnie Wise, D.C.	Prediction of Heart Attack from Medical Records Using Big Data Mining	2023	International Journal of Intelligent Systems and Applications in Engineering	11	4s		90	99	Article
789	Pattnaik, M., Sunil Kumar, M., Selvaknmani, S., Kudale, K.M., Kumarasamy, M., Girimurugan, B.	Nature-Inspired Optimisation-Based Regression Based Regression to Study the Scope of Professional Growth in Small and Medium Enterprises	2023	International Journal of Intelligent Systems and Applications in Engineering	11	4s		100	108	Article
790	Kumar, A., Purushotham Reddy, M., Sushama, C., Limkar, S., Kaswan, K.S., Rathod, M.	Markov Clustering in Leaf Disease Detection Based on Classification using Probabilistic Naive Bayes Regression for Deep Learning Architecture	2023	International Journal of Intelligent Systems and Applications in Engineering	11	3s		184	188	Article
791	Arunkumar, K., Sureshkumar, A., Ganesh, A.C., Parthiban, L., Premkumar, V.	Optimization of hybrid fibre reinforced geopolymer concrete using hardened and durability properties	2023	Research on Engineering Structures and Materials	9	1		113	130	Article
792	Chithambar Ganesh, A., Vinod Kumar, M., Mukilan, K., Suresh Kumar, A., Arun Kumar, K.	Investigation on the effect of ultra fine rice husk ash over slag based geopolymer concrete	2023	Research on Engineering Structures and Materials	9	1		67	81	Article
793	Bhati, K., Bajpai Tripathy, D., Kumaravel, V., Sudhani, H.P.K., Ali, S., Choudhary, R., Shukla, S.	Sensitive Fingerprint Detection Using Biocompatible Mesoporous Silica Nanoparticle Coating on Non-Porous Surfaces	2023	Coatings	13	2	268			Article
794	Javid Basha, S., Venkatramana, P.	Analysis of Crosstalk Effects for Ternary Logic MWCNT Bundled Through Silicon Vias	2023	ECS Journal of Solid State Science and Technology	12	2	21008			Article

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795	Rami Reddy, M., Ravi Chandra, M.L., Venkatramana, P., Dilli, R.	Energy-Efficient Cluster Head Selection in Wireless Sensor Networks Using an Improved Grey Wolf Optimization Algorithm	2023	Computers	12	2	35			Article
796	Sarapure, S.	Optimization of material removal rate and surface roughness during electric discharge machining of ultra-fine grained Al6082 using Taguchi technique [Optimierung der Materialabtragrate und der Oberflächenrauigkeit beim funkenerosiven Bearbeiten von ultrafeinkörnigem Al6082 mit Hilfe der Taguchi-Methode]	2023	Materialwissenschaft und Werkstofftechnik	54	2		168	179	Article
797	Wang, F., Tarakaramu, N., Govindaraju, M.V., Sivakumar, N., Bhagya Lakshmi, K., Satya Narayana, P.V., Sivajothi, R.	Activation energy on three-dimensional Casson nanofluid motion via stretching sheet: Implementation of Buongiorno's model	2023	Journal of the Indian Chemical Society	100	2	100886			Article
798	Wang, F., Tarakaramu, N., Sivakumar, N., Narayana, P.V.S., Harish Babu, D., Ramalingam, S.	Three dimensional nanofluid motion with convective boundary condition in presents of nonlinear thermal radiation via stretching sheet	2023	Journal of the Indian Chemical Society	100	2	100887			Article
799	Damodaram, D., Godi, R.K., Rajkumar, Divakara Rao, D.V., Glory, K.B., Somu, K.	Power control management system model using wireless sensor network	2023	Measurement: Sensors	25		100639			Article
800	Muruganandam, S., Joshi, R., Suresh, P., Balakrishna, N., Kishore, K.H., Manikanthan, S.V.	A deep learning based feed forward artificial neural network to predict the K-barriers for intrusion detection using a wireless sensor network	2023	Measurement: Sensors	25		100613			Article
801	Praveena, H.D., Srilakshmi, V., Rajini, S., Kolluri, R., Manohar, M.	Balancing module in evolutionary optimization and Deep Reinforcement Learning for multi-path selection in Software Defined Networks	2023	Physical Communication	56		101956			Article
802	Gomathi, S., Sagaya Raj, A.G., Mishra, C.S., Kumar, A.	Straddling type sandwiched absorber based solar cell structure	2023	Optik	272		170354			Article
803	Kishore Kumar, A., Aeri, M., Grover, A., Agarwal, J., Kumar, P., Raghu, T.	Secured supply chain management system for fisheries through IoT	2023	Measurement: Sensors	25		100632			Article
804	Sahoo, A.K., Gulavani, S., Manwal, M., Medidha, R., Bhaskar, T., M, M.	Faulty diagnostics model in e-commerce using AI	2023	Measurement: Sensors	25		100634			Article
805	N, J., Rampur, V., Gangodkar, D., M, A., C, B., N, A.K.	Improved block chain system for high secured IoT integrated supply chain	2023	Measurement: Sensors	25		100633			Article
806	Chakradhar, K.S., Rama Rao, B., Nataraj, D.	Microstrip Patch Antenna Design with Improved Shark Smell Optimization Model	2023	Wireless Personal Communications	128	4		2549	2569	Article
807	TharehalliMata, G., Krishna, H., Keshav, M.	Characterization of magneto-rheological fluid having elongated ferrous particles and its implementation in MR damper for three-wheeler passenger vehicle	2023	Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering	237	2-Mar		426	439	Article
808	Srinivasulu, A., Ramanjaneyulu, K., Neelaveni, R., Karanam, S.R., Majji, S., Jothilingam, M., Patnala, T.R.	RETRACTED ARTICLE: Advanced lung cancer prediction based on blockchain material using extended CNN	2023	Applied Nanoscience (Switzerland)	13	2		985		Review
809	Parimalasundar, E., Suresh, K.	Fault Analysis and Compensation in a Five Level Multilevel DC-AC Converter	2023	El-Cezeri Journal of Science and Engineering	10	1		99	108	Article
810	Naveen Kilari, D., Sekhar, A.H., Reddy, N.S., Dharani, N.P.	A 3-Φ grid connected wind system with a technique of DC link control using fewer sensors with fuzzy controller	2023	International Journal of Intelligent Unmanned Systems	11	1		118	131	Article
811	Valisireddy, J., Reddy, K.A., Elumalai, R., Mohan, L.N., Anjaneyulu, G.S.G.N.	Secured authentication of online documents using visual secret sharing on QR code	2023	Journal of Integrated Science and Technology	11	4	568			Article
812	Sree Lakshmi, T., Govindarajan, M., Sreenivasulu, A.	Malware visual resemblance analysis with minimum losses using Siamese neural networks	2023	Theoretical Computer Science	943			219	229	Article
813	Jalaja, V., Kumar, P.V., Elumalai, R., Anjaneyulu, G.S.G.N.	Differential polynomials on Non-Commutative Rings in Digital Signature scheme	2023	Journal of Integrated Science and Technology	11	3	526			Article
814	Jalaja, V., Anjaneyulu, G.S.G.N., Mohan, L.N.	New Digital Signature Scheme on Non-Commutative Rings using Double Conjugacy	2023	Journal of Integrated Science and Technology	11	2	471			Article
815	Sai Thrinath, B.V., Sathish, P.S., Manikanta, T., Harish, B., Harshath, T.V.V.N.P.S., Ramakrishna, T.	A Novel Dual Source Inverter for HES System Using SVM	2023	2023 2nd International Conference on Trends in Electrical, Electronics and Computer Engineering, TEECCON 2023				69	74	Conference Paper
816	Rao, K.L.	EPA to Regulate the Energy Consumption at the Facility-A Real Time Case Study	2023	2023 2nd International Conference on Trends in Electrical, Electronics and Computer Engineering, TEECCON 2023				35	39	Conference Paper
817	Daram, S.B., Golla, N., Angadi, R.V., Bandam, R., Vijayalakshmi, K.A., Sesiprabha, K.	Application of Blockchain Technology for Power System Security using Condition Number	2023	2023 2nd International Conference on Trends in Electrical, Electronics and Computer Engineering, TEECCON 2023				46	50	Conference Paper

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818	Hemanth Kumar, B., Rajasekhara, G.G., Reddy, R., Lakshmi Kanth Reddy, M., Parimalasundhar, E., Kadam, D.P.	Switched Capacitor based Multi Output DC-DC Converter for Low Voltage Applications	2023	2023 2nd International Conference on Trends in Electrical, Electronics and Computer Engineering, TEECCON 2023				7	11	Conference Paper
819	Balamananandan, A., Suresh, K., Gnanaprakasam, D., Saranya, K.	VLSI Implementation of Area-Error Optimized Compressor-Based Modified Wallace Tree Multiplier	2023	2023 2nd International Conference on Trends in Electrical, Electronics and Computer Engineering, TEECCON 2023				353	358	Conference Paper
820	Parimalasundhar, E., Cheepati, K.R., Kamalkumar, V., Suresh, K., Devaraju, T., Kumar, B.H.	Efficient Power Conversion in Single-Phase Grid-Connected PV Systems through a Nine-Level Inverter	2023	2023 2nd International Conference on Trends in Electrical, Electronics and Computer Engineering, TEECCON 2023				1	6	Conference Paper
821	Balakrishna, G., Kumar, A., Tamilselvan, V., Younas, A., Kumar, N.M.G., Rastogi, R.	A Novel Ensembling of CNN-LSTM for IoT Electric Vehicle Charging Stations Based on Intrusion Detection System	2023	International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings				1312	1317	Conference Paper
822	Yuvaraj, M.S., Pavan Kumar, N., Surya Prakash, M., Karthik, M., Nithesh Kumar Reddy, N.	Influence of coconut fibre on strength of concrete made with ggbs as partial replacement to cement	2023	IOP Conference Series: Earth and Environmental Science	1280	1	12006			Conference Paper
823	Nurulla, S., Purushotham, D.V., Yuvaraj, M.S., Kiran Sai, S.	Energy Efficient Design for a Conventional Building using BIM Tools	2023	IOP Conference Series: Earth and Environmental Science	1280	1	12030			Conference Paper
824	Gopalan, A., Arjunsingh, K.K., Ramya, M., Thangaraj, J., Venkatanares, M., Rajendran, K., Omran, O.K., Hossain, M.A.	High performance efficiency of optical networking infrastructure characteristics with maximum speed of commercial fiber optic line cables employment	2023	Journal of Optical Communications						Article
825	Ganeswara Rao, M.V., Ramanjaneyulu, N., Madugula, S., Dharani, N.P., Rajesh Babu, K., Sagar, K.	Exploring High-Temperature Reliability of 4H-SiC MOSFETs: A Comparative Study of High-K Gate Dielectric Materials	2023	Transactions on Electrical and Electronic Materials						Article
826	Veeranjaneyulu, I., Hari Priya, V., Saminathan, R., Naidu, B.V.V., Hillary, J.J.M., Prasad, A.S.V., Satishkumar, P., Nookaraju, B.C., Subbiah, R.	Friction and wear optimization of SiC/graphite reinforced A231 hybrid composite using Taguchi method	2023	International Journal on Interactive Design and Manufacturing						Article
827	Priya, V.K., Sugumar, D., Vijayalakshmi, K., Vanitha, V., Singh, C., Yasminebegum, A.	Microstrip patch antenna with high gain and dual bands for secure 5G communication	2023	Artificial Intelligence, Blockchain, Computing and Security: Volume 1	1			539	543	Book Chapter
828	Nagendra, R., Harika, D., Ganesh, K.S., Hemanth, H.K., Santhosh, T., Munireddy, U.V.	A Novel approach to denoise an image using CNN	2023	2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023						Conference Paper
829	Arun, V., Sundaramoorthy, P., Shanthi, B.	A Dual DC Link Novel Nine-Level Inverter (N9LI) With Reduced Components and On-State Switches Un nouvel onduleur à neuf niveaux à double liaison CC (N9LI) Avec des composants réduits et des commutateurs détat	2023	IEEE Canadian Journal of Electrical and Computer Engineering				1	10	Article
830	Naresh, D., Raju, R., Parveen, S.	Design and development of alternate layer printing method to reduce the porosity in FDM printing process	2023	International Journal on Interactive Design and Manufacturing						Article
831	Babu, B., Meinathan, S., Manikandan, P., Lingewaran, P., Nanthakumar, S., Yasminebegum, A., Girimurugan, R.	Investigation on the characterization of hot extruded AA7075 based metal matrix composites developed by powder metallurgy	2023	Journal of Physics: Conference Series	2603	1	12041			Conference Paper
832	Tarakaramu, N., Reddappa, B., Radha, G., Abduvalieva, D., Sivakumar, N., Awwad, F.A., Ismail, E.A.A., Reddy, K.A.	Thermal radiation and heat generation on three-dimensional Casson fluid motion via porous stretching surface with variable thermal conductivity	2023	Open Physics	21	1	20230137			Article
833	Erna, G., Srihari, G., Kishore, M.P., Ashok Nayak, B., Bharathi, M.	FPGA Implementation of High-Performance Truncated Rounding based Approximate Multiplier with High-Level Synchronous XOR-MUX Full Adder	2023	WSEAS Transactions on Circuits and Systems	22			111	125	Article
834	Kumar, M.S., Neeraja, P., Gunamaneni, A., Nirmala, A.V., Nikhil, G.	Deep Learning for Plant Species Classification	2023	2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023				559	564	Conference Paper
835	Kumar, M.S., Girinath, S., Lakshmi, G.G.V.S., Ganesh, A.V.S., Kumar, K.J.	Crop Yield Prediction Using Machine Learning	2023	2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023				569	573	Conference Paper
836	Kumar, M.S., Neeraja, P., Amulya, R., Swarna, K., Reddy, T.S.P.	Severity Level Prediction and Finding Cause in Flight Accidents Using Machine Learning	2023	2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023				565	568	Conference Paper
837	Kumar, M.S., Vani, M.S., Yashaswini, P., Madhavi, M., Aswini, M.	Reservoir Computing-Based Screening for Early-Stage Alzheimer's Detection	2023	2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023				574	577	Conference Paper

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838	Elamadurthi, R.K., Pavani, G., KanthiThilaka, J.M., Pavani, A., Ravichand, M., Seshagiri, H.	Improve Students reading skills via the use of computer-assisted reading programmes	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference Paper
839	Reddy, A.R.P., Jweeg, M.J., Das, S., Kumar, M.S., Pant, K.	The ANN Method for Better Living's Method of using Artificial Neural Networks to Predict Heart Attacks Caused by Anxiety Disorders	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				457	460	Conference Paper
840	Raman, R., Joshi, K., Ravichand, M., Jain, A., Gor, M., Sanjay, C.P.	Human Voice Artificial Intelligence in Education, Illustrate and Prospective Possibilities	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				2823	2828	Conference Paper
841	Vekariya, D., Rastogi, A., Priyadarshini, R., Patil, M., Kumar, M.S., Bhasker Pant	Mengers Authentication for efficient security system using Blockchain technology for Industrial IoT(IIoT) systems	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				894	896	Conference Paper
842	Balakrishna, N., Mukesh Krishnan, M.B., Reddy, S.M., Irfan, S.K., Sumaiya, S.	AUTISM Spectrum Disorder Detection Using Machine Learning	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				1645	1650	Conference Paper
843	Kaur, B., Kumar, A., Goswami, L., Kumar, M.S., Saeed Abdulrahman, I., Prasad Mishra, B.	Comparing of with A Dual Band - Pass Designs with the Slot Antenna Filtration System for Returning Loss Minimization	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				789	792	Conference Paper
844	Sasi Kiran, J., Avanija, J., Reddy, A.R., Naga Rama Devi, G., Charan, N.S., Fatima, T.	Early Prediction of Sepsis Utilizing Machine Learning Models	2023	Smart Innovation, Systems and Technologies	370			319	327	Conference Paper
845	Sultana, S., Reddy Madhavi, K., Lavanya, G., Swarna Latha, J., Sandhyarani, Prathyusha, B.	Detection of Malicious URLs Using Gradient Boosting Classifier	2023	Smart Innovation, Systems and Technologies	370			329	339	Conference Paper
846	Chaya Devi, S.K., Ashraf, M.S., Raghuvveer, K., Prasad, T.V.S.G., Sharma, S.	Recognition of Weed Detection in Smart Agricultural Farm using Image Processing with IoT	2023	7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings				94	99	Conference Paper
847	Balaji, M., Padmaja, N., Swathi, N., Atheek, S., Manasa, M., Kumar, K.C.	Biometric-based Smart Door Locking System using Biometric and OTP	2023	7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings				898	903	Conference Paper
848	Manjunath, C.R., Sharma, S., Sharma, A., Sunil Kumar, M., Kelkar, S., Vishal Deshmukh, S.	Cloud Top Management Role in Reducing Mobile Broadband Transmission Hazards and Offering Safety	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				1064	1068	Conference Paper
849	Sudha, S., Martin, N., Clement Joe Anand, M., Palanimani, P.G., Thirunamakani, T., Ranjitha, B.	MACBETH-MAIRCA Plithogenic Decision-Making on Feasible Strategies of Extended Producer's Responsibility towards Environmental Sustainability	2023	International Journal of Neutrosophic Science	22	2		114	130	Article
850	Gurubasavaraju, T.M., Sachidananda, K.B., Lakshmi Narasimhamu, K., Raghun, K.K.	Performance evaluation and optimization of magnetorheological damper with non-magnetic spacer using JAYA and grey wolf optimization	2023	International Journal on Interactive Design and Manufacturing						Article
851	Sachuthananthan, B., Vinoth, R., Padmaja, N., Sachidananda, K.B., Kanna Kumar, J.	Influence of nano additive blended watermelon seed biodiesel on the performance and exhaust emissions of a VCR compression ignition engine	2023	Journal of Physics: Conference Series	2604	1	12008			Conference Paper
852	Buragadda, V., Orekanti, E.R., Garu, V.Y., Edagotti, P.K.	Influence of Reinforcement Geometrical Parameters on Plate Anchor Uplift Capacity	2023	Transportation Infrastructure Geotechnology						Article
853	Reddy, T.R.S., Kumaraswamy, I.	Analysis on Rapid Charging for Electrified Transportation Systems	2023	International Journal of Electrical and Electronics Research	11	4		924	932	Article
854	Kamalakkannan, J., Reddy, K.R., Kumar, N.M.G., Shafee, S.M., Dewangan, K., Kannan, V.	Design of Hybrid Energy Storage and Management System in Hybrid Electric Vehicle Using Machine Learning Approach	2023	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023				1313	1317	Conference Paper
855	Sumithara, A., Chitra, S., Kumar, N.M.G., Ramya, D., Ravikumar, K.	Implementation of Fuzzy Logic for Controlling the Recharge Rate Electric Vehicles and Minimizing Losses in the Electric Power System	2023	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023				289	295	Conference Paper
856	Nagarajan, P., Thandapani, K., Ashokkumar, N., Pappa, C.K.	Design and Analysis of Charge Pumping Circuit for Low Power Charge Pump Based Phase Locked Loop Organization	2023	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023				141	145	Conference Paper
857	Selvi, S., Karthikeyan, S., Manimaran, K., Ravindra, G., Rajesh, T., Sathish, T.	Integration of Solar Photovoltaics and Thermal Collectors for Hybrid Solar Energy Systems	2023	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023				154	158	Conference Paper
858	Manohara, M., Veera Reddy, V.C., Vijaya Kumar, M.	A Combination of Appropriate Placement and size of Multiple FACTS Controllers to reduce Voltage Sag and Swell	2023	International Journal of Electrical and Electronics Research	11	3		720	727	Article

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859	Parimalasundar, E., Senthilkumar, R., Kumar, B.H., Janardhan, K., Singh, A.R., Bajaj, M., Bereznychenko, V.	Artificial Neural Network-Based Experimental Investigations for Sliding Mode Control of an Induction Motor in Power Steering Applications	2023	International Journal of Intelligent Systems	2023		9381915			Article
860	Vijaya Kishore, V., Kalpana, V., Jayalakshmi, M.	Modified Support Vector Machine to Improve Diabetic Disease Prediction	2023	Proceedings of IEEE InC4 2023 - 2023 IEEE International Conference on Contemporary Computing and Communications						Conference Paper
861	Mohith, V., Patnala, M., Veeramachaneni, S., Noor Mohammad, S.K.	Precise Multiplier Design using Novel 4:2 Compressor	2023	2023 International Conference on Computer, Electronics and Electrical Engineering and their Applications, IC2E3 2023						Conference Paper
862	Tyagi, M.K., Anitha, C., Ramyadevi, R., Pachar, S., Tata, R.K., Suman, P., Ahmadi, F.	Maximize the Security for Image Processing Using an Improved Watermarking Approach	2023	Mathematical Problems in Engineering	2023		5060564			Article
863	Patnala, M., Munideepika, B., Pavithra, V., Sunil, T., Sreenivasulu, N.	Design of Wideband Band Stop Filter using Signal Interference Technique	2023	14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023	2023-June			206	210	Conference Paper
864	Balaji, M., Saleha, A., Chandusree, B., Kumar, D.P., Kumar, L.S., Venkatramana, P., Basha, S.J.	Ternary Adder and Multiplier Design using GNRFTs	2023	14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023	2023-June			670	677	Conference Paper
865	Devaraju, T., Leleedhar Rao, K., Hari Krishnan, G., Parimalasundara, E.	Enhancing the Productivity of Agricultural Supply Chains with Solar Tunnel Dryers	2023	Journal of Solar Energy Research	8	3		1574	1586	Article
866	Parimalasundar, E., Jayakumar, S., Nagajothi, P., Chandrika, V.S., Devaraju, T., Suresh, K.	Enhanced Design and Performance Analysis of a Seven-Level Multilevel Inverter for High-Power Applications	2023	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023				1862	1868	Conference Paper
867	Aouthu, S., Jyothsna, V., Swaraja, K., Dilli, R.	GAUSS-NEWTON MULTILATERATION LOCALIZATION ALGORITHM IN LARGE-SCALE WIRELESS SENSOR NETWORKS FOR IoT APPLICATIONS	2023	Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)	82	11		13	29	Article
868	Sumathi, V., Vanathi, D., Musale, J.C., Gowtham Prasad, T.V.S., Singh, A.R.	Improved Pattern Recognition Techniques for Monitoring Human Activity Recognition in Digital Platforms through Image Processing Techniques	2023	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023				866	871	Conference Paper
869	Sivakumar, M., Amala, K., Depuru, S., Santhi, K., Basi Reddy, A., Geetha Maduri, G.	Lung Cancer Detection from CT Scan Images Using AlexNet	2023	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023				779	785	Conference Paper
870	Naidu, B.R., Tangudu, N., Sekhar, C.C., Kavitha, K., Ramana, B.V., Reddy, P.V., Sahukaru, J., Lopinti, R.G.	Toxic Comment Classification using Deep Learning	2023	International Journal on Recent and Innovation Trends in Computing and Communication	11	7		93	104	Article
871	Manohara, M., Veera Reddy, V.C., Vijaya Kumar, M.	Power Quality Improvement of Solar PV System With Shunt Active Power Filter Using FS-MPC Method	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023						Conference Paper
872	Peruthambi, V., Maguluru, S.C., Gundraju, S.S.N., Kalyan, K., Moolaankappagari, T.K., Varma Gujjala, S.	Investigation Of Contingency Analysis With Proper Tuning Of Interline Power Flow Controller Using Python Tool	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023						Conference Paper
873	Vijaya Kishore, V., Batthala, S., Chamarthi, J.V., Achyutasai, C., Subrahmanyan, B.	KNEE OSTEOARTHRITIS PREDICTION DRIVEN BY DEEP LEARNING AND THE KELLGREN-LAWRENCE GRADING	2023	Proceedings on Engineering Sciences	5	3		475	484	Article
874	Parimalasundar, E., Jayakumar, S., Chandrika, V.S., Muthukaruppasamy, S., Devaraju, T., Suresh, K.	Efficient Integration of Photovoltaic Cells with Multiport Converter for Enhanced Energy Harvesting	2023	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023				1590	1595	Conference Paper
875	Kumari, S., Kumar, V., Sharmila, A., Murthy, C.R., Ahlawat, N., Manoharan, G.	Blockchain Based E-Analysis of Social Media Forums for Crypto Currency Phase Shifts	2023	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023				1222	1225	Conference Paper
876	Sudheer Babu, M., Reddappa, B., Ajmath, K.A.	CHEMICAL REACTION EFFECTS ON MHD HEAT AND MASS TRANSFER OF A JEFFREY FLUID FLOW WITH VISCOUS DISSIPATION AND JOULE HEATING THROUGH A POROUS STRETCHING SHEET	2023	ARPN Journal of Engineering and Applied Sciences	18	2		102	112	Article
877	Swapna Rani, S., Suganya, V., Selvi, S., Ashokkumar, N., Prema, S.	An Automated Lion-Butterfly Optimization (LBO) based Stacking Ensemble Learning Classification (SELC) Model for Lung Cancer Detection	2023	Iraqi Journal for Computer Science and Mathematics	4	3		87	100	Article
878	Buragadda, V., Orekanti, E.R.	Predicting the Allowable Settlement of Reinforced Soil Foundations: A Laboratory Study	2023	Geotechnical and Geological Engineering						Article
879	Vidyananya, B., Mishra, A.K., Eswar Reddy, O.	Challenges executing deep foundations in metros and hydro power projects	2023	Smart Geotechnics for Smart Societies				1283	1289	Book Chapter

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880	Lokesh, G., Baseer, K.K.	An Architecture for Dynamic Load Balancing in Cloud Environment	2023	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023				84	91	Conference Paper
881	Reddy, P.V., Ravi, P., Ganesh, D., Manoj Kumar Naidu, P., Vineeth, N., Sameer, S.	Detection and Evaluation of Cervical Cancer by Multiple Instance Learning	2023	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023				627	633	Conference Paper
882	Reddy, Y.B., Prathima, C., Jaladi, S., Dinesh, B., Arun Kumar, J.R.	Machine Learning Techniques for Detecting and Analyzing Online Fake Reviews	2023	Artificial Intelligence and Knowledge Processing: Improved Decision-Making and Prediction				271	278	Book Chapter
883	Ramachandran, R., Hema Priya, K., Malathy, K., Sivagamidevi, G., Sudhakar, C.V., Indhumathi, V.	An Effective Security Protocol Design for IRIS based Credential Evaluation using Intensive Deep Learning Scheme	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference Paper
884	Krishna, N.B., Ganesh, D., Sakthivel, M., Nithya Sree, K., Arshithalakshmi, I.	Attention-based model for smart EEG Categorization	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference Paper
885	Anusha, P., Veeramuthu, A., Anandhi, R., Kumar, A.K., Lakshmi, R., Sohan, D.M.	Experimental Design of Smart Bus Management Scheme using Internet of Things and Location Indicator	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference Paper
886	Sruthy, R., Kavitha, S., Darwin, N., Titus, A., Kishore, V.V., Dharshini, B.S.	Smart RFID: Experimental Evaluation of Secured Students Attendance Handling System Using RFID	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference Paper
887	Ravishankar, T.N., Kumar, A.T.A.K., Venkatesh, J., Prabhu, M.R., Bhargavi, V.S., Muthamilselvan, S.	Empirical Assessment and Detection of Suicide Related Posts in Twitter using Artificial Intelligence enabled Classification Logic	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference Paper
888	Radha, K., Sivagamidevi, G., Juliet, N., Niranjana, S., Nimmalarathi, Dhanalakshmi, G.	An IoT enabled Malware Identification Mechanism over Digital Documents using Predictive Learning Scheme	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference Paper
889	Sreelakshmy, R., Kumar, A.K., Titus, A., Hemajothi, S., Venkatesh, J., Lavanya, A.	Design and Development of an AI based Intelligent Door for Home Security System	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference Paper
890	Ganesh, D., Kumar, M.K., Varsha, J., Naik, K.J., Pranusha, K., Mallika, J.	Implementation of Novel Text Rank Algorithm for Effective Text Summarization	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference Paper
891	Chandran, K.P., Niji, P.S., Chinnammal, V., Shyam, M., Venkatanaresh, M., Jayashree, N.	LiFi: A Visible Light Communication Assisted Fishermen Tracking System using GPS	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference Paper
892	Vignesh, R.S., Chinnammal, V., Gururaj, Kumar, A.K., Karthikeyan, K.V., Arunkumar, J.R.	Secured Data Access and Control Abilities Management over Cloud Environment using Novel Cryptographic Principles	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference Paper
893	Sakthivel, M., Sreekarni, P., Rishika, P., Jyoshna, P., Navya, P.	Pneumonia Detection Using X-Ray Images	2023	2023 3rd International Conference on Intelligent Technologies, CONIT 2023						Conference Paper
894	Geetha, P., Ajitha, S., Jyothirmayi, M., Guha, T., Chaturvedi, A., Ganeshan, P., Taqui, S.N., Al-Ammar, E.A., Wabaidur, S.M., Iqbal, A.	Smart Operating Range Monitoring of Solar PV Cell with Integrated Phase Change Materials by Using Solar Deep Learning Model	2023	Electric Power Components and Systems						Article
895	Joseph, B.M., Baseer, K.K.	IoT-Sensed Data for Data Integration Using Intelligent Decision-Making Algorithm Through Fog Computing	2023	Lecture Notes in Networks and Systems	689 LNNS			463	476	Conference Paper
896	K.S. Chakradhar, G N R Prasad	Credit card Fraud Detection using Machine Learning	2023	ACCESS 2023 - 2023 3rd International Conference on Advances in Computing, Communication, Embedded and Secure Systems				52	57	Conference Paper

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897	Swathi, B., Kannan, K.S., Sreenivasa Chakravarthi, S., Ruthvik, G., Avanija, J., Chandra Mohan Reddy, C.	Determine the blood group by Image processing and Machine Learning	2023	4th International Conference on Engineering Science Technology & Management (ICESTM-2023)						Conference Paper
898	Hari Krishnan, G., Muni Tejeswini, C., Gowtham, K., Kamalesh Chandra, U., Jyothsna, P., Rajaravi Kanth, U.	Six-Phase BLDC Motor Design Performance Analysis for Electric Vehicle Applications	2023	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings				169	173	Conference Paper
899	Swetha, K., Ishaq Shareef, C., Sreenivasulu, G., Baseer, K.K., Jahir Pasha, M.	Study on Implementation of Electronic Health Records using Blockchain Technology	2023	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings				607	611	Conference Paper
900	Shalini Priya, J., Sridevi, V., Somasundar Reddy, C., Ravindra Murthy, C.	Voltage Regulation in the Grid using Static Synchronous Compensator and IoT Monitoring	2023	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings				338	343	Conference Paper
901	Geetha, P., Sudha, K., Praveena, H.D.	IoT based Self-Driven Natural Piezo Electric RFID Tags for Regulating Food Safety	2023	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings				438	442	Conference Paper
902	Maheswari, K., Ravi Chandra, M.L., Reddy, D.S., Kishore, V.V.	Design of Three-valued Logic Based Adder and Multiplier Circuits using Pseudo N-type CNTFETs	2023	International Journal of Electrical and Electronics Research	11	2		518	522	Article
903	Gunasekaran, K., Anbuselvan, N., Priya, J.S., Ravindra Murthy, C.	IoT based Wind Energy System Monitoring for Maximum Power Generation	2023	Proceedings of the 8th International Conference on Communication and Electronics Systems, ICES 2023				396	400	Conference Paper
904	Rajeswarappa, G., Depuru, S., Sirisala, S.	Crop Pests Identification based on Fusion CNN Model: A Deep Learning	2023	Proceedings of the 8th International Conference on Communication and Electronics Systems, ICES 2023				968	974	Conference Paper
905	Mahesh, M., Reddy, K.N., Reddy, L.V., Priya, L.K., Prasad, T.G.	Web based Diabetes Prediction System with ML and Probabilistic Risk Stratification: Evaluation and Analysis	2023	Proceedings of the 8th International Conference on Communication and Electronics Systems, ICES 2023				1184	1190	Conference Paper
906	Satyam, Limbakar, D., Rauniyar, P.S., Deepthi, G., Supriya, J.S., Madhavi, K.V.	Compact UWB Patch Antenna for Partial Discharge detection using Dual Rampart Line Structure, Slots and DGS	2023	Proceedings of the 8th International Conference on Communication and Electronics Systems, ICES 2023				854	858	Conference Paper
907	Venkateswarlu Reddy, P., Ganesh, D., Azeem, L.S., Padma, M., Lakshmi, K.D., Chakradhar, L.	Implementation of Latest Deep Learning Techniques for Brain Tumor Identification from MRI Images	2023	Proceedings of the 8th International Conference on Communication and Electronics Systems, ICES 2023				1166	1171	Conference Paper
908	Nayomi, B.D.D., Albert, D.W., Sujatha, V., Baseer, K.K., Pasha, M.J.	A Framework for Processing and Analysing Real-Time data in e-Commerce Applications	2023	Proceedings of the 8th International Conference on Communication and Electronics Systems, ICES 2023				1495	1500	Conference Paper
909	Reddy, M.V.K., Reddy, N.R.S., Kumar, P.N., Reddy, R.P.K., Sarada, M., Srinivasulu, A.	Modified Low Power High Speed Approximate Adders For Energy Efficient Arithmetic Applications	2023	15th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2023 - Proceedings						Conference Paper
910	Nirupama, V., Nair, P.S., Kishore Kumar, A.T.A., Murthy, M.Y.B., Malhotra, P., Taqui, S.N., Almoallim, H.S., Alharbi, S.A., Raghavan, S.S.	Cancer victims' attitudes towards the importance of supportive treatment and health-care	2023	Journal of Intelligent and Fuzzy Systems	45	2		2289	2304	Article
911	Sunil Kumar, M., Anuradha, T., Srinivas, Y., Santhi Sri, T., Catherine, T.J., Aurelia, S.	Simulation of the Electrical Control Unit (ECU) in Automated Electric Vehicles for Reliability and Safety Using On-Board Sensors and Internet of Things	2023	2023 5th International Conference on Electrical, Computer and Communication Technologies, ICECT 2023						Conference Paper
912	Girinath, S., Kavitha, T., Chandra, P.S., Kumar, N.M., Gattim, N.K., Challa, R.K.	Deep Learning-based Segmentation and Computer Vision-based Ultrasound Imagery Techniques	2023	2023 5th International Conference on Electrical, Computer and Communication Technologies, ICECT 2023						Conference Paper
913	Umashankar, G., Hari Krishnan, G., Sudhakar, T., Mohandass, G., Devaraju, T., Devika, V., Shaina Banu, S.	Eye Blink Based Biometric Authentication System	2023	Proceedings of the 9th International Conference on Biosignals, Images, and Instrumentation, ICBSII 2023						Conference Paper
914	Dharani, M., Bharathi, M., Padmaja, N., Praveena, K.	Design and Verification process of Combinational Adder using UVM Methodology	2023	IEEE International Conference on Advances in Electronics, Communication, Computing and Intelligent Information Systems, ICAECIS 2023 - Proceedings				359	362	Conference Paper
915	Rajasekhar, G.G., Sarada, K., Kumar, B.H., Seshu Kumar, R., Kumari, B.K., Yadav, A.	Seven level Switched Capacitor Multilevel Boost inverter for Renewable Energy Sources	2023	IEEE International Conference on Advances in Electronics, Communication, Computing and Intelligent Information Systems, ICAECIS 2023 - Proceedings				643	646	Conference Paper

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916	Sarada, K., Rajasekhar, G.G., Hemanth Kumar, B., Sathesh Kumar Reddy, V., Vijayalakshmi, A.K., Yadav, A.	Design of Efficient Power source for Electric Vehicle using Battery and Ultracapacitor	2023	IEEE International Conference on Advances in Electronics, Communication, Computing and Intelligent Information Systems, ICAECIS 2023 - Proceedings				395	399	Conference Paper
917	Neha Niharika, C.V., Mothish Kumar, K., Harika, K., Venkatesh, V., Begum, A.Y.	Crop Recommendation with IOT and ML	2023	2023 4th International Conference for Emerging Technology, INCET 2023						Conference Paper
918	Chaturvedi, A., Prasad, K.D.V., Dankan Gowda, V., De, T., Tanguturi, R.C., Ashreetha, B.	A Novel method of Improving Spectrum sensing Management system for CR-IoT Networks	2023	2023 4th International Conference for Emerging Technology, INCET 2023						Conference Paper
919	Hari Krishnan, G., Sukanya, K., Sainath Reddy, J., Surya Prakash Reddy, K., Niharika, N., Siva Sai Kiran, M.	CNN based Image Processing for Crack Detection on HT Insulator's Surface	2023	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings				618	621	Conference Paper
920	Penchalaiah, T., Hema Nagalatha, K., Aravind, M., Manikanta, K., Rakesh, K., Vineela, N.	Enhancing Harmonic Reduction of Grid Connected Wind-Solar PV Charging Station using Neural Network Controller	2023	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings				1263	1270	Conference Paper
921	Kumaraswamy, I., Prasanth, B.V., Prabhu, S.	Comparison of TCSC and Fuel Cell with Optimal Placement of PMU for Voltage Stability Analysis	2023	Journal of Engineering Science and Technology Review	16	3		28	35	Article
922	Krupakaran, R.L., Gangula, V.R., Tarigonda, H., Sachuthanathan, B., Balasubramanian, D., Anchupogu, P., Petla, R., Veerasamy, S.	The influence of thermal barrier coating (TBC) on diesel engine performance powered by using Mimosops elengi methyl ester with TiO2 nanoadditive	2023	International Journal of Ambient Energy	44	1		2250	2261	Article
923	Chilukuri, P., Harshitha, S., Abhiram, P., Susanna, S., Vyshnavi, S., Babu, B.C.	Analysing of Image Quality Computation Models Through Convolutional Neural Network	2023	VITECoN 2023 - 2nd IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies, Proceedings						Conference Paper
924	Pujitha, K., Nandini, G., Sree, K.V.T., Nandini, B., Radhika, D.	Cyber Hacking Breaches Prediction and Detection Using Machine Learning	2023	VITECoN 2023 - 2nd IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies, Proceedings						Conference Paper
925	Ramani, K., Kumar, P.V., Jahnvi, N., Karthik, A., Yadav, N., Rahul, U.S.	Smart Medication Monitoring in Medical IoT	2023	VITECoN 2023 - 2nd IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies, Proceedings						Conference Paper
926	Pujitha, K., Soni, N.B., Eram, L.F., Sai, P.N., Divija, S., Supriya, R.S.	Chronic Kidney Disease Detection Using Machine Learning Approach	2023	VITECoN 2023 - 2nd IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies, Proceedings						Conference Paper
927	Mata, G.T.	Characterization of Dual Annular Duct MR Damper with Numerical and Computational Approach	2023	Journal of Vibration Engineering and Technologies						Article
928	Srivastava, B., Sivakumar, C., Kumar, P., Maguluri, L.P.	Faster Response Chemical Reaction Using Machine Learning	2023	2023 International Conference on Disruptive Technologies, ICDT 2023				214	219	Conference Paper
929	Vianny, D.M.M., Vaddadi, S.A., Karthikeyan, C., Shahid, M., Dhanapal, R., Ravichand, M.	Drug-based recommendation system based on deep learning approach for data optimization	2023	Soft Computing						Article
930	Santhi Mary Antony, A., Sumithra, J., Rayudu, K., Dhanalakshmi, G., Agilesh Saravanan, R., Kavitha, A., Ravindra, G., Malini, K.V.	Dynamic and Model Predictive Controllers for Frequency Regulation of an Isolated Micro—Grid with Electrical Vehicles and the ESS Integration	2023	Electric Power Components and Systems						Article
931	Parimalasundar, E., Jayakumar, S., Devaraju, T., Chandrika, V.S.	Performance Analysis of a Seven-Level Multilevel Inverter in Grid-Connected Systems	2023	SSRG International Journal of Electrical and Electronics Engineering	10	6		9	22	Article
932	Dankan Gowda, V., Prasad, K.D.V., De, T., Srinivas, V., Anil Kumar, N., Tejpal Moharekar, T.	A Framework for Smart City Implementation using IoT-Cloud Based System Architecture	2023	2nd IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDECE 2023						Conference Paper
933	Manikandan, K., Sasikumar, S., Arulraj, R.	Investigation on CEED-RES Problem Using Modified Lagrange Method	2023	Distributed Generation and Alternative Energy Journal	38	1		319	342	Article
934	Chilukuri, P., Reddy, K.N.K., Divyanjali, K.N.V.S., Royal, L.J., Chandana, M.H., Krishna, D.M.	A Novel Model for Prediction of Next Word using Machine Learning	2023	Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023				393	400	Conference Paper
935	Chaturvedi, A., Prasad, K.D.V., Jha, S.K., Srinivas, V., Anil Kumar, N., Dankan Gowda, V.	Approaches for Advanced Spectrum Sensing in Cognitive Radio Networks	2023	Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023				1485	1490	Conference Paper
936	Usharani, S., Gayathri, Rajarajeswari, S., Kishore, D.S., Depuru, S.	IoT based Animal Trespass Identification and Prevention System for Smart Agriculture	2023	Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023				983	990	Conference Paper

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937	Tallapragada, V.V.S., Raj, V.S., Deepak, U., Sai, P.D., Mallikarjuna, T.	Improved Resume Parsing based on Contextual Meaning Extraction using BERT	2023	Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023				1702	1708	Conference Paper
938	Vaishnavi, P., Prathima, C., Rakesh, V., Sujala, P., Nitin, P.A., Yadav, D.R.K.	Employing the SMOTE Technique, a Machine Learning Model for Predicting Student Grades	2023	Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023				349	354	Conference Paper
939	Sreenivasulu, K., Sowjanya, B., Motupalli, V.R., Yadav, S.H., Baseer, K.K., Pasha, M.J.	Prediction of Flight Delay through Intelligent Algorithms and Big Data Technology	2023	Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023				1074	1080	Conference Paper
940	Padmavathi, T., Pavitra, P., Peddinti, N., Murali, P.M., Ramachandran, G., Febiyola, B.V.	An Innovative Analysis of Assistive Technology Emergency Situations Android and IoT based Telemedicine Nursing Monitoring Management	2023	Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023				1317	1322	Conference Paper
941	Manikandan, K., Swapna, K., Narendra Naik, J., Kumar, K.N., Rakesh, K., Vaishnavi, K.	Grey Wolf Optimization Algorithm based Combined Economic and Emission Dispatch Problem	2023	Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023				735	742	Conference Paper
942	Lalitha, E., Ramani, K., Shahida, D., Deepak, E.V.S., Bindu, M.H., Shaikshavali, D.	Text Summarization of Medical Documents using Abstractive Techniques	2023	Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023				939	943	Conference Paper
943	Rama Krishna, S., Rathor, K., Ranga, J., Soni, A., Srinivas, D., Anil Kumar, N.	Artificial Intelligence Integrated with Big Data Analytics for Enhanced Marketing	2023	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings				1073	1077	Conference Paper
944	Gunturu, V., Ranga, J., Murthy, C.R., Swapna, B., Balaram, A., Raja, Ch.	Artificial Intelligence Integrated with 5G for Future Wireless Networks	2023	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings				1292	1296	Conference Paper
945	Chirchi, V.E., Vivekanand, C.V., Grace, N.V.A., Saranya, R., Venkataramana, S., Praveena, K.	Context Monitoring of Patients using Wireless Network	2023	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings				1266	1271	Conference Paper
946	Narayana Tinnaluri, V.S., Jyothi Babu, A., Shanmugaraja, P., Satheesh Kumar, S., AdityPai, H.	A Productive Model for Secured Data Sharing in Blockchain Technology based IoT	2023	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings				1426	1431	Conference Paper
947	Singh, M., Rai, A.K., Vamsi Krishna, G., Dileep Kumar, Y., Mishra, R., Kothandaraman, D.	Machine Learning and AI based Robotic System for Archaeological Research	2023	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings				48	52	Conference Paper
948	Rai, A.K., Singh, M., Vinoth Kumar, M., Anil Kumar, N., Yadav, A.S., Kar, N.R.	Artificial Intelligence based Enhanced Drug Discovery in Pharmaceutical Industries	2023	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings				342	346	Conference Paper
949	Seetha, J., Senthil Kumar, S., Nruthya, K., Rao, N.K.K., Leela Rani, D.	Enhancement of Agriculture Productivity and Automation of Agriculture using IoT	2023	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings				1411	1417	Conference Paper
950	Challa, N.P., Madhavi, K.R., Naseeba, B., Bhanu, B.B., Naresh, C.	Sentiment Analysis from TWITTER Using NLTK	2023	Lecture Notes in Networks and Systems	647 LNNS			852	861	Conference Paper
951	Naseeba, B., Sai, P.H.R., Karthik, B.V.P., Chitteti, C., Sai, K., Avanija, J.	Toxic Comment Classification	2023	Lecture Notes in Networks and Systems	647 LNNS			872	880	Conference Paper
952	Naseeba, B., Haranath, A.P.S., Pamarthi, S.P., Farook, S., Bhanu, B.B., Rao, B.N.K.	Cardiac Anomaly Detection Using Machine Learning	2023	Lecture Notes in Networks and Systems	647 LNNS			862	871	Conference Paper
953	Koteswara Rao Devana, V.N., Basheera, S., Chakradhar, K.S., Phani Ponnappalli, V.L.N., Sekhar Reddy, G., Vishnu Vardhan, G.	A Novel Dual Band Notched UWB Antenna for Wireless Applications	2023	2023 3rd International Conference on Artificial Intelligence and Signal Processing, AISP 2023						Conference Paper
954	Vinod, S., Balaji, M., Rudhra, S., Prabhu, S.	SOLAR POWERED DC ARC WELDING MACHINE – AN INITIATIVE TOWARDS EFFICIENT AND SUSTAINABLE ENERGY	2023	Journal of Environmental Protection and Ecology	24	3		888	894	Article
955	Rajagopal, M., Ali, B., Sharon Priya, S., Aisha Banu, W., Madhavi, M.G., Punamkumar	Machine Learning Methods for Online Education Case	2023	Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023						Conference Paper
956	Bharathiraja, N., Hariprasad, S., Sakthivel, M., Deepa, T.	Design and Implementation of IoT-based Programmable Assistive Intelligent Adaptive Pillbox	2023	2023 International Conference on Computer Communication and Informatics, ICCCI 2023						Conference Paper
957	Lapakshi, A.H., Chintalapalli, A., Geetha, P.	Simulating Early Detection of Tumor Cells using Electrochemical Treatment	2023	2023 International Conference on Computer Communication and Informatics, ICCCI 2023						Conference Paper
958	Kumar, B.H., Bakka, V., Suresh, B., Chandrikax, V.S., Janardhan, K., Kumar, R.S.	A New Fault Tolerant Five-Level Multilevel Inverter for Critical Loads	2023	2023 International Conference on Computer Communication and Informatics, ICCCI 2023						Conference Paper

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959	Depuru, S., Sivanantham, S., Amala, K., Akshaya, V., Sakthivel, M., Kusuma, P.S.	Empirical Study of Human Facial Emotion Recognition: A Deep Learning	2023	2023 International Conference on Computer Communication and Informatics, ICCCI 2023						Conference Paper
960	Venkatramana, P., Nagarajan, P., Basha, S.J.	Design of SB-GNRFET and D-GNRFET using QuantumATK	2023	Proceedings of the 1st IEEE International Conference on Networking and Communications 2023, ICNWC 2023						Conference Paper
961	Silpa, C., Mirza, S.N., Prathyusha, S., Naga Sneha Latha Reddy, P., Hrudaya, U.J., Vivek, M.	A Meta Classifier Model for SMS Spam Detection using MultinomialNB - LinearSVC Algorithms	2023	Proceedings of the 1st IEEE International Conference on Networking and Communications 2023, ICNWC 2023						Conference Paper
962	Sindhujha, R., Reddy, K.C., Reddy, G.S., Kumar, G.U., Divya, N., Kumar, I.P.	Solar PV Fed Modular Multilevel Inverter with Fuzzy Logic Control for Marine Water Pumping Applications	2023	2023 International Conference on Computer Communication and Informatics, ICCCI 2023						Conference Paper
963	Kumar, C.S., Vasantha, L., Siroshini, P., Jagruthi, P., Pavithra, N., Supriya, T.	Secure and Proficient Provable Data Procurity with Privacy Protection in Cloud Storage	2023	2023 International Conference on Computer Communication and Informatics, ICCCI 2023						Conference Paper
964	Dhanalakshmi, P., Reddy, S.D., Balaji, P., Diwakar, N., Vinay, S.	A Hybrid Model Approach for Stock Market Price Prediction	2023	2023 International Conference on Computer Communication and Informatics, ICCCI 2023						Conference Paper
965	Chinnasamy, R., Srinivasan, K., Balasubramanian, V., Balaji, H., Vinoth Kumar, M., Raganathan, S.	Dynamic recrystallization in friction stir welded AA2014 aluminium alloy joints to replace riveted joints	2023	Materialpruefung/Materials Testing						Article
966	Satyam, Neelima, K.	C-slot Flexible Microstrip Antenna with Triple Band Characteristics for WLAN/WiMAX/UWB Applications	2023	Proceedings - 2023 12th IEEE International Conference on Communication Systems and Network Technologies, CSNT 2023				54	59	Conference Paper
967	Vijayakumar, A., Stonier, A.A., Peter, G., Ganji, V.	Dual source novel nine level inverter (DSN2LI) design with minimum active devices and inherent polarity generation	2023	IET Power Electronics						Article
968	Dhanalakshmi, P., Garladinne, R., Kavitha, E., Akram, P.S., Sheela, A., Taqui, S.N., Al-Ammar, E.A., Wabaidur, S.M., Iqbal, A.	Performance Measurement of HVAC Systems with Integrated Phase Change Materials Using Fuzzy Logical Controller	2023	Electric Power Components and Systems						Article
969	Jena, K., Kumar, D., Kumar, B.H., Janardhan, K., Singh, A.R., Naidoo, R., Bansal, R.C.	A Single DC Source Generalized Switched Capacitors Multilevel Inverter with Minimal Component Count	2023	International Transactions on Electrical Energy Systems	2023		3945160			Article
970	Balaji, M., Padmaja, N.	A low power transistor level FIR filter implementation using CMOS 45 nm technology	2023	International Journal of Nanotechnology	20	1-Apr		390	409	Article
971	Shenbaga Moorthy, R., Arul, R., Kannan, K., Kothandaraman, R.	Prediction of Dementia Using Whale Optimization Algorithm Based Convolutional Neural Network	2023	Lecture Notes in Electrical Engineering	998	LNEE		279	289	Conference Paper
972	Bharathiraja, N., Sakthivel, M., Deepa, T., Hariprasad, S., Ragasudha, N.	Design and Implementation of Selection Algorithm based Human Emotion Recognition System	2023	7th International Conference on Trends in Electronics and Informatics, ICOEI 2023 - Proceedings				1348	1353	Conference Paper
973	Kawale, S.R., Prasad, K.D.V., Palanikkumar, D., Mary, P.A., Begum, A.Y., Dankan Gowda, V.	A Novel IoT Framework and Device Architecture for Efficient Smart city Implementation	2023	7th International Conference on Trends in Electronics and Informatics, ICOEI 2023 - Proceedings				420	426	Conference Paper
974	Tallapragada, V.V.S., Prakash, V.M.L., Reddy, U.V., Reddy, V.H.S., Praneeth, C.	Improved Accuracy in Image Tampering Detection using MobileNet	2023	7th International Conference on Trends in Electronics and Informatics, ICOEI 2023 - Proceedings				1337	1343	Conference Paper
975	Manikandan, P., Vasugi, V., Prem Kumar, V., Duraimurugan, S., Sankar, M., Chithambar Ganesh, A., Senthil Kumaran, G.	A Neural Network-Based Prediction of Superplasticizers Effect on the Workability and Compressive Characteristics of Portland Pozzolana Cement-Based Mortars	2023	Advances in Materials Science and Engineering	2023		2605414			Article
976	Saahithi, S., Hemanth Kumar, B., Jyotheeswara Reddy, K., Dash, R., Subburaj, V.	Four Speed Auto Transmission DC-DC Converter Control for E-Vehicle and Regenerative Braking Based on Simulation and Model Investigation	2023	Distributed Generation and Alternative Energy Journal	38	3		987	1006	Article
977	Suresh, K., Kumaraswamy, I., Arulmozhiyal, R.	Design and Analysis of Solid State DC-AC Transformer	2023	Distributed Generation and Alternative Energy Journal	38	3		743	760	Article
978	Vinoth, S., Rajasekar, C., Sathish, P., Sureshkumar, V., Yasminebegum, A., Hasane Ahammad, S., Girimurugan, R.	Optimization of process parameters on wire cut electrical discharge machining and surface integrity studies of AA6070/MgO composites	2023	Journal of Physics: Conference Series	2484	1	12012			Conference Paper
979	Mukhopadhyay, A.K., Sarapure, S., Maiti, P.	Advanced tape cast multilayer thin ceramics and composites with inelastic failure behaviors for damage-resistant applications	2023	Advanced Flexible Ceramics: Design, Properties, Manufacturing, and Emerging Applications				391	410	Book Chapter
980	Parimalasundar, E., Sindhujha, R., Manikandan, K.	Performance Analysis of Five Level Modular Multilevel Inverter for PV-Grid Connected System	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				481	485	Conference Paper
981	Kaur, C., Kumar, M.S., Anjum, A., Binda, M.B., Mallu, M.R., Ansari, M.S.A.	Chronic Kidney Disease Prediction Using Machine Learning	2023	Journal of Advances in Information Technology	14	2		384	391	Article

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982	Anitha, C., Rajkumar, S., Dhanalakshmi, R.	An Effective Heart Disease Prediction Method using Extreme Gradient Boosting Algorithm Compared with Convolutional Neural Networks	2023	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023				2224	2228	Conference Paper
983	Ramani, K., Jahnvi, M., Reddy, P.J., Venkatachakravarthi, P., Meghanath, P., Imran, S.K.	Prediction of Bitcoin Price through LSTM, ARIMA, XGBoost, Prophet and Sentiment Analysis on Dynamic Streaming Data	2023	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023				1514	1518	Conference Paper
984	Salam, S., Veni, G.K., Kamale, C., Deepika, A.L., Bruhathi, A.	Forecasting the Behavior of EV Charging Using Machine Learning	2023	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023				1765	1768	Conference Paper
985	Perumal, B., Suresh, K., Parimalasundar, E.	Fault analysis in the 5-level multilevel NCA DC-AC converter	2023	Automatika	64	3		606	612	Article
986	Depuru, S., Santhi, K., Amala, K., Sakthivel, S., Sivanantham, S., Akshaya, V.	Deep Learning-based Malware Classification Methodology of Comprehensive Study	2023	2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings				322	328	Conference Paper
987	Kurakula, A.K., Akhila, K., Bhavya, M., Sai, M.V.	Detecting Distributed DoS Attacks on SDN using Machine Learning (ML) Methods	2023	International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2023 - Proceedings				767	772	Conference Paper
988	Ganesh, D., Rao, K.J., Kumar, M.S., Vinitha, M., Anitha, M., Likith, S.S., Taralitha, R.	Implementation of Novel Machine Learning Methods for Analysis and Detection of Fake Reviews in Social Media	2023	2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings				243	250	Conference Paper
989	Silpa, C., Prasanth, P., Sowmya, S., Bhumika, Y., Pavan, C.H.S., Naveed, M.	Detection of Fake Online Reviews by using Machine Learning	2023	International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2023 - Proceedings				71	77	Conference Paper
990	Parimalasundar, E., Praneeth, R., Kumar, P.P., Sireesha, S., Reddy, N.B., Chankya, P.S.	Performance Analysis of Two Stage Three-Phase Grid Connected Inverter for Photovoltaic Applications	2023	2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings				954	959	Conference Paper
991	Prasad, P.Y., Velayudam, L.N., Kumar, S.S., Shaikshavali, M., Reddy, V.V., Kumar, N.A.	Selection of Cache Replacement Algorithm for PostgreSQL	2023	2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings				1715	1720	Conference Paper
992	Silpa, C., Sravani, B., Vinay, D., Mounika, C., Poorvitha, K.	Drug Recommendation System in Medical Emergencies using Machine Learning	2023	International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2023 - Proceedings				107	112	Conference Paper
993	Dhanalakshmi, P., Kumar, G.A., Satwik, B.S., Sreeranga, K., Sai, A.T., Jashwanth, G.	Sentiment Analysis Using VADER and Logistic Regression Techniques	2023	Proceedings of the 2023 International Conference on Intelligent Systems for Communication, IoT and Security, ICISCoIS 2023				139	144	Conference Paper
994	Praveena, H.D., Subhas, C., Naidu, K.R.	Improved Artificial Bee Colony Based Feature Selection for Epileptic Seizure Detection	2023	International Journal of Intelligent Engineering and Systems	16	3		332	344	Article
995	Baseer, K.K., Pasha, M.J., Jayasunitha, M., Swetha, K., Joseph, B.M.	Bus Management System Through MEAN Technologies	2023	Proceedings of the 2023 International Conference on Intelligent Systems for Communication, IoT and Security, ICISCoIS 2023				170	175	Conference Paper
996	Krupakaran, R.L., Ratnakamala, P., Lakshmi Kala, K., Vidyasagar Reddy, G., Raghurami Reddy, D., Hariprasad, T., Saravanan, V.	Optimization and performance characteristics of low heat rejection engine powered by mahua bio diesel by Taguchi technique	2023	Materials Today: Proceedings						Article
997	Jyothsna, V., Madhuri, B.N., Lakshmi, K.S., Himaja, K., Naveen, B., Royal, K.D.	Facemask detection using Deep Learning	2023	Proceedings of the 2023 International Conference on Intelligent Systems for Communication, IoT and Security, ICISCoIS 2023				533	537	Conference Paper
998	Parimalasundar, E., Maneesha, S., Hanish, R., Reddy, P.M., Harish, P.K., Rao, P.K.	Performance Analysis of DC-DC Converter for Electric Vehicle Charging Applications	2023	Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023				1543	1546	Conference Paper
999	Manikandan, K., Sampath Kumar, R., Vignesh, D.	State Estimation of a Utility-Scale Hybrid AC/DC Grid using a Decentralized Approach	2023	Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023				506	512	Conference Paper

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1000	Baseer, K.K., Nas, S.B.A., Dharani, S., Sravani, S., Yashwanth, P., Jyothirmai, P.	Medical Diagnosis of Human Heart Diseases with and without Hyperparameter tuning through Machine Learning	2023	Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023						Conference Paper
1001	Ashreetha, B., Dankan Gowda, V., Anandaram, H., Nithya, B.A., Gupta, N., Verma, B.K.	IoT Wearable Breast Temperature Assessment System	2023	Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023				1236	1241	Conference Paper
1002	Parimalasundar, E., Sravanti, P., Razzak, S.K.A., Abhigna, P.N.M., Hussain, S.M.M.D.Z., Mandal, R.K.	Performance Investigations of PV Grid-Integrated Modular Multilevel Inverter	2023	Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023				1534	1537	Conference Paper
1003	Baseer, K.K., Jaya Naga Varma, B., Harish, B., Sravani, E., Kumar, K.Y., Varshitha, K.	Design and Implementation of Electronic Health Records using Ethereum Blockchain	2023	Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023				784	791	Conference Paper
1004	Baseer, K.K., Pasha, M.J., Srinivasulu, B.V., Moon, S.A.	A Secure Resale Management System using Cloud Services and ReactJS	2023	Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023				727	734	Conference Paper
1005	Dankan Gowda, V., Prasad, K.D.V., Anil Kumar, N., Venkatakirana, S., Ashreetha, B., Reddy, N.S.	Implementation of a Machine Learning-based Model for Cardiovascular Disease Post Exposure prophylaxis	2023	2023 International Conference for Advancement in Technology, ICONAT 2023						Conference Paper
1006	Dankan Gowda, V., Kawale, S.R., Prasad, K.D.V., Anil Kumar, N., Reddy, N.S., Ashreetha, B.	Technologies for Comprehensive Information Security in the IoT	2023	2023 International Conference for Advancement in Technology, ICONAT 2023						Conference Paper
1007	Jaichandran, R., Krishna, S.H., Madhavi, G.M., Mohammed, S., Raj, K.B., Manoharan, G.	Fuzzy Evaluation Method on the Financing Efficiency of Small and Medium-Sized Enterprises	2023	Proceedings of the International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering, ICECONF 2023						Conference Paper
1008	Babu, D.V.S., Gireesh, N., Chandra, M.L.R., Dilli, R.	OPTIMIZATION OF CLUSTER HEAD SELECTION AND ENHANCING ENERGY EFFICIENCY IN WIRELESS SENSOR NETWORKS USING NOVEL METAHEURISTIC ALGORITHMS	2023	Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)	82	4		1	22	Article
1009	Bahamani, A.K., Srinivasulu Reddy, G., Kumaraswamy, I., Vimala Kumar, K.	Improved Hybrid Unified Power Flow Controller Using Fractional Order PID Controlled Systems	2023	Lecture Notes in Networks and Systems	588			353	363	Conference Paper
1010	Kalpana, V., Vijaya Kishore, V., Satyanarayana, R.V.S.	MRI and SPECT Brain Image Analysis Using Image Fusion	2023	Lecture Notes in Networks and Systems	588			571	586	Conference Paper
1011	Kallam, S., Babu, C.M., Prathima, B., Charitha, C.L., Madhavi, K.R.	Product Safety and Privacy Using Internet of Things Design and Moji	2023	Lecture Notes in Networks and Systems	649 LNNS			504	509	Conference Paper
1012	Avanija, J., Ramji, B., Prabhu, A., Maheswari, K., Vittal, R.H.S., Jagannadham, D.B.V., Kumar, V.N.	Interpretation of Brain Tumour Using Deep Learning Model	2023	Lecture Notes in Networks and Systems	606			347	355	Conference Paper
1013	Madhavi, K.R., Jarugula, J., Karuna, G., Kaleru, S., Raju, K.S., Sunitha, G.	Bird Species Recognition Using Deep Transfer Learning	2023	Lecture Notes in Networks and Systems	606			473	479	Conference Paper
1014	Kovuri, K., Chandrashekhar, K., Sriharsha, A.V., Siddardha, B., Reddy, A.H.	Adaptable Fog Computing Framework for Healthcare 4.0	2023	Lecture Notes in Networks and Systems	648 LNNS			24	32	Conference Paper
1015	Nennuri, R., Kumar, R.H., Prathyusha, G., Tejaswini, K., Kanishka, G., Sunitha, G.	A Multi-stage Deep Model for Crop Variety and Disease Prediction	2023	Lecture Notes in Networks and Systems	648 LNNS			52	59	Conference Paper
1016	Ghamya, K., Yadav, C.C., Pranav, D.V.S., Reddy Madhavi, K., Patel, A.	Metaverse: The Potential Threats in the Virtual World	2023	Lecture Notes in Networks and Systems	606			59	67	Conference Paper
1017	Rayapati, N., Reddy Madhavi, K., Anantha Natarajan, V., Goundar, S., Tangudu, N.	Face Mask Detection Using Multi-Task Cascaded Convolutional Neural Networks	2023	Lecture Notes in Networks and Systems	606			521	530	Conference Paper
1018	Charan, N.S., Narasimhulu, T., Bhanu Kiran, G., Sudharshan Reddy, T., Shivangini Singh, T., Sunitha, G.	Solid Waste Management Using Deep Learning	2023	Lecture Notes in Networks and Systems	648 LNNS			44	51	Conference Paper
1019	Madhavelatha, A., Varaprasad, K.M., Pydala, B.	Classification Model for Identification of Internet Loan Frauds Using PCA with Ensemble Method	2023	Lecture Notes in Networks and Systems	649 LNNS			486	495	Conference Paper
1020	Shereesha, M., Hemavathy, C., Teja, H., Reddy, G.M., Kumar, B.V., Sunitha, G.	Precision Mango Farming: Using Compact Convolutional Transformer for Disease Detection	2023	Lecture Notes in Networks and Systems	649 LNNS			458	465	Conference Paper
1021	Tarigonda, H., Reddy, R.M., Anjaneyulu, B., Dharmalingam, G., Reddy, D.R., Narasimhamu, K.L.	Optimization of the Performance and Emissions of a Dual-Fuel Diesel Engine Using LPG as the Fuel	2023	Lecture Notes in Networks and Systems	649 LNNS			510	531	Conference Paper
1022	Subburaj, T., Shilpa, K., Sultana, S., Suthendran, K., Karuppasamy, M., Arun Kumar, S., Jyothi Babu, A.	Discover Crypto-Jacker from Blockchain Using AFS Method	2023	Lecture Notes in Networks and Systems	606			145	156	Conference Paper
1023	Shaik, H.T., Kumar, B.S., Pydala, B.	An Efficient Machine Learning Model for Bitcoin Price Prediction	2023	Lecture Notes in Networks and Systems	649 LNNS			466	475	Conference Paper
1024	Penchalaiah, P., Teja, P.H.S., Pydala, B.	Ensemble Based Cyber Threat Analysis for Supply Chain Management	2023	Lecture Notes in Networks and Systems	649 LNNS			476	485	Conference Paper

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1025	Depuru, S., Vaishnavi, K., Manogna, B., Sri, K.J., Preethi, A., Priyanka, C.	Hybrid CNNLBP using Facial Emotion Recognition based on Deep Learning Approach	2023	Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023				972	980	Conference Paper
1026	Indirani, M., Anitha, C., Goswami, S., Baranitharan, K., Govindaraju, S., Mahaveerakannan, R.	Detection of Salient Objects in a Video using a Hybrid Neural Network Model	2023	Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023				641	646	Conference Paper
1027	Sivanantham, S., Kumar, P.H., Vardhan, S.N., Kumar, S.C., Kumar, T.A., Pradeep, T.	Rainfall Prediction using Machine Learning Techniques - A Comparative Approach	2023	Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023				1472	1480	Conference Paper
1028	Prabagar, S., Reddy, C.S., Ravindra Murthy, C., Kumar, G.H.	Cloud based Location Tracking and Controlling Parameters System Implementation for Armed Forces in the War field	2023	Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023				471	475	Conference Paper
1029	Sivaiah, P., Sudheera, M., Muralidhar Singh, M., Yuvaraj, C., Chengal Reddy, V., Lakshmi Narasimhamu, K., Dilip Kumar, M.	Investigation on turning process performance during machining of 15-5PH stainless steel material with eco-friendly machining technique	2023	Materials Today: Proceedings						Article
1030	Thaseen, A., Unnisa, R., Sultana, N., Madhavi, K.R., Nagajyothi, G., Kirubakaran, S.	Breast Cancer Detection Using Deep Learning Model	2023	Lecture Notes in Networks and Systems	612			669	677	Book Chapter
1031	Madhavi, K.R., Vooradi, S., Mounika, P., Yedla, S., Tangudu, N.	Emotion Analysis Using Convolutional Neural Network	2023	Lecture Notes in Networks and Systems	612			523	531	Book Chapter
1032	Nagajyothi, G., Kumar, G.P., Kumar, B.S., Kumar, B.P.D., Damodaram, A.K.	High-Speed Low Area 2D FIR Filter Using Vedic Multiplier	2023	Lecture Notes in Networks and Systems	612			569	578	Book Chapter
1033	Naresh, K., Umapathi Reddy, P., Sujatha, P.	Performance analysis on parallel operation of multimode droop controller doubly fed induction generator based wind energy conversion system with Other wind unit, solar units, loads and facts device	2023	Journal of Control and Decision						Article
1034	Depuru, S., Hari, P., Suhaas, P., Basha, S.R., Girish, R., Raju, P.K.	A Machine Learning based Malware Classification Framework	2023	Proceedings - 5th International Conference on Smart Systems and Inventive Technology, ICSSIT 2023				1138	1143	Conference Paper
1035	Pappa, C.K., Ashokkumar, N., Nagarajan, P., Thandapani, K.	Bluetooth based Garage Door Opening System	2023	Proceedings - 5th International Conference on Smart Systems and Inventive Technology, ICSSIT 2023				131	134	Conference Paper
1036	Anitha, C., Joshi, A., Thumar, V., Kurian, M.J., Viswanath, P.	Analyzing the Factors Influencing in Blockchain Innovation in Health Care	2023	Journal for ReAttach Therapy and Developmental Diversities	6	2		330	337	Article
1037	Darji, Y., Patel, D., Patel, D., Ramesh, R., Oza, A.D., Bhole, K.S., Shinde, S.M., Kumar, M.	Experimentation with the EDM parameter through a full factorial technique and optimization using regression analysis with carbon nanotubes	2023	International Journal on Interactive Design and Manufacturing						Article
1038	Reddy, K.M.N.C.K., Kanagasabai, N., Gireesh, N.	BLDC Motor and Its Speed Characteristics Analysis Based on Total Harmonic Distortion	2023	Cognitive Science and Technology				947	958	Book Chapter
1039	Vemu, S.P., Mahaboob Basha, S., Srihari, G.	Meandered Shape CPW Feed-Based SIW Slot Antenna for Ku-Band Applications	2023	Cognitive Science and Technology				747	754	Book Chapter
1040	Madhavi, K.R., Suneetha, K., Raju, K.S., Kora, P., Madhavi, G., Kallam, S.	Detection of COVID 19 using X-ray Images with Fine-tuned Transfer Learning	2023	Journal of Scientific and Industrial Research	82	2		241	248	Article
1041	Rani, S.D., Burra, L.R., Kalyani, G., Rao, N.K.B.	Edge Intelligence with Light Weight CNN Model for Surface Defect Detection in Manufacturing Industry	2023	Journal of Scientific and Industrial Research	82	2		178	184	Article
1042	Abd Algani, Y.M., Nageswara Rao, B., Kaur, C., Ashreetha, Daya Sagar, K.V., El-Ebiary, Y.A.B.	A Novel Hybrid Deep Learning Framework for Detection and Categorization of Brain Tumor from Magnetic Resonance Images	2023	International Journal of Advanced Computer Science and Applications	14	2		518	527	Article
1043	Bompem, G., Chiluka, N., Pandluri, D.	Effective Twitter Sentiment Analysis Using Deep Belief Network with Enhanced Dragonfly Optimization Algorithm	2023	International Journal of Intelligent Engineering and Systems	16	2		64	73	Article
1044	Tarigonda, H., Anjaneyulu, B., Raghurami Reddy, R., Narasimhamu, K.L.	Optimization of performance and emission characteristics of a diesel engine in dual-fuel mode with LPG using adaptive-neuro fuzzy inference system model	2023	Materials Today: Proceedings						Article
1045	Gangula, R., Jagadeesh Kumar, G., Anand, S., Krishna Prasad, A.V.	Integration of dynamic Docker containers and kuberneters with advanced cloud and Internet of Things	2023	Materials Today: Proceedings	80			3476	3480	Article
1046	Anitha, C., Rani, R., Srinivas, V., Rangnekar, S., Dalvi, O.H.	Blockchain in Psychological Health: The Future of Medical Records	2023	Journal for ReAttach Therapy and Developmental Diversities	6	SpecialIssue1		93	104	Article
1047	Kumar, B.H., Janardhan, K., Kumar, R.S., Rahul, J.R., Singh, A.R., Naidoo, R., Bansal, R.C.	An Enhanced Space Vector PWM Strategies for Three Phase Asymmetric Multilevel Inverter	2023	International Transactions on Electrical Energy Systems	2023		5548828			Article

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1048	Arunkumar, J.R., Velmurugan, S., Chinnaiyah, B., Charulatha, G., Prabhu, M.R., Chakkaravarthy, A.P.	Logistic Regression with Elliptical Curve Cryptography to Establish Secure IoT	2023	Computer Systems Science and Engineering	45	3		2635	2645	Article
1049	Parimalasundar, E., Senthil Kumar, R., Chandrika, V.S., Suresh, K.	Fault diagnosis in a five-level multilevel inverter using an artificial neural network approach	2023	Electrical Engineering and Electromechanics	2023	1		31	39	Article
1050	Damodaram, A.K., Reddy, L.V., Giri, M., Manikandan, N.	A Study On 'LPWAN' Technologies for A Drone Assisted Smart Energy Meter System in 5g-smart City Iot-cloud Environment	2023	Journal of Applied Science and Engineering (Taiwan)	26	8		1197	1205	Article
1051	Neelakanta Reddy, I., Chidambara Kumar, K.N., Kiran Kumar, K., Shim, J., Bai, C.	ZnFe2O4 nanoparticles decorated on rectangular ZnO nanosheets for enhanced photo-induced current generation via photoelectrochemical process	2023	Journal of Electroanalytical Chemistry	928		117075			Article
1052	Challa, N.P., Mohan, A., Rao, N.K., Rao, B.K., Shyam Mohan, J.S., Balaji Bhanu, B.	Automated Detection of Skin Lesions Using Back Propagation Neural Network	2023	Smart Innovation, Systems and Technologies	315			127	133	Conference Paper
1053	Venkateswarulu, N., Sunil Kumar Reddy, P., Obulesu, O., Suresh, K.	The Adaptive Strategies Improving Digital Twin Using the Internet of Things	2023	Smart Innovation, Systems and Technologies	315			439	445	Conference Paper
1054	Burra, L.R., Bonam, J., Tumuluru, P., Narendra Kumar Rao, B.	Fine-tuning for Transfer Learning of ResNet152 for Disease Identification in Tomato Leaves	2023	Smart Innovation, Systems and Technologies	315			295	302	Conference Paper
1055	Venkateswara Reddy, L., Davanam, G., Pavan Kumar, T., Sunil Kumar, M., Narendar, M.	Bio-Inspired Firefly Algorithm for Polygonal Approximation on Various Shapes	2023	Smart Innovation, Systems and Technologies	315			95	107	Conference Paper
1056	Narendra Kumar Rao, B., Pranitha, K., Ranjana, Krishnaveni, C.V., Chakkaravarthy, M.	Text Recognition from Images Using Deep Learning Techniques	2023	Smart Innovation, Systems and Technologies	315			265	279	Conference Paper
1057	Damodaram, A.K., Sreenivasa Chakravarthy, S., Venkateswara Reddy, L., Reddy Madhavi, K.	Multi-layered Architecture to Monitor and Control the Energy Management in Smart Cities	2023	Smart Innovation, Systems and Technologies	315			81	94	Conference Paper
1058	Kumar, K.V.R., Devi, B.R., Sudhakara, M., Keerthi, G., Madhavi, K.R.	AI-Based Mental Fatigue Recognition and Responsive Recommendation System	2023	Smart Innovation, Systems and Technologies	315			303	314	Conference Paper
1059	Narendra Kumar Rao, B., Balasubramanian, R., Wang, S.-J., Nayak, R.	Preface	2023	Smart Innovation, Systems and Technologies	315			ix	x	Editorial
1060	Kongala, L., Shilpa, T., Reddy Madhavi, K., Ghantasala, P., Kallam, S.	Applying Machine Learning to Enhance COVID-19 Prediction and Diagnosis of COVID-19 Treatment Using Convalescent Plasma	2023	Smart Innovation, Systems and Technologies	315			479	489	Conference Paper
1061	Suneetha, K., Challa, K., Avanija, J., Raparthy, Y., Kallam, S.	Comparative Analysis on Heart Disease Prediction Using Convolutional Neural Network with Adapted Backpropagation	2023	Smart Innovation, Systems and Technologies	315			465	477	Conference Paper
1062	Sudhakara, M., Vijaya Shambhavi, Y., Obulakonda Reddy, R., Badrinath, N., Reddy Madhavi, K.	Fish Classification System Using Customized Deep Residual Neural Networks on Small-Scale Underwater Images	2023	Smart Innovation, Systems and Technologies	315			327	337	Conference Paper
1063	D.Krupavathi, V.Bhanuprasad	IoT Crypto SecuThe Role of Foreign Exchange Dealers Association of India (FEDA) in Foreign Exchangerity Communication System	2023	3rd International Conference on Reiventing Business Practices, Start-ups and Sustainability ICRBSS 2023.						Conference Paper
1064	Suresh Kumar, A., Muthukannan, M., Arun Kumar, K., Chithambar Ganesh, A., Kanniga Devi, R.	Development of Environmental-Friendly Geopolymer Concrete Using Incinerated Biomedical Waste Ash	2023	Lecture Notes in Civil Engineering	277			709	726	Conference Paper
1065	Thejasree, P., Krishnamachary, P.C.	Design Optimization of Nd:YAG Laser Welded Inconel 718 Alloy Joints by Taguchi Method	2023	Lecture Notes in Mechanical Engineering				399	404	Conference Paper
1066	Raju, R., Manikandan, N., Palanisamy, D., Thejasree, P., Sathesh Kumar, P., Mohammed Rizwan Ali, P., Sivakumar, P.	The Influence of Machine Learning in Additive Manufacturing	2023	Lecture Notes in Mechanical Engineering				351	361	Conference Paper
1067	Sachuthanathan, B., Vinoth, R., Lokeswara Reddy, P., Naik, G., Sandeep, B.	Behaviour assessment of diesel engine operated using Butanol-Methyl Ester of Water Hyacinth blends	2023	Materials Today: Proceedings	72			1785	1791	Article
1068	Suresh, K., Parimalasundar, E., Jayakumar, S., Ravikumar, R.	Encapsulated 3Ø converter for power loss minimization in a grid-connected system	2023	Automatika	64	1		189	197	Article
1069	Vinoh, R., Sachuthanathan, B., Vadivel, A., Balakrishnan, S., Raj, A.G.S.	Heat transfer enhancement in oblique finned curved microchannel using hybrid nanofluid	2023	International Journal of Thermal Sciences	183		107848			Article
1070	Harish Babu, D., Naidu, K.K., Deo, S., Satya Narayana, P.V.	Impacts of inclined Lorentz forces on hybrid CNTs over an exponentially stretching sheet with slip flow	2023	International Journal of Modelling and Simulation	43	3		310	324	Article
1071	Rambabu, G., Kiran, Y.B., Sarveswari, S., Vijayakumar, V.	Synthesis of New 6-Oxo-1,6-Dihydropyrimidin-5-Carboxamides and Evaluation of Their anti-Bacterial and anti-Oxidant Activities	2023	Polycyclic Aromatic Compounds	43	1		619	629	Article
1072	Shaik, D.P.M.D., Rosaiah, P., Nareskumar Reddy, P., Nagamalleswari, D., Ouladsmane, M., Hussain, O.M.	Pompom 3D flower like carbon-based Mn3O4 thin film electrodes for high performance supercapacitors	2023	Journal of Alloys and Compounds	968		171797			Article
1073	Arunachalam, R., Sunitha, G., Shukla, S.K., pandey, S.N., Urooj, S., Rawat, S.	A smart Alzheimer's patient monitoring system with IoT-assisted technology through enhanced deep learning approach	2023	Knowledge and Information Systems	65	12		5561	5599	Article

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1074	Rajeswari, R., Sriramakrishnan, G.V., Ch.Vidyadhari, Kanimozhi, K.V.	ExpHBA Deep-IoT: Exponential Honey Badger Optimized Deep Learning For Breast Cancer Detection in IoT Healthcare System	2023	Journal of Digital Imaging	36	6		2461	2479	Article
1075	Ramesh, P.S., Vanteru, M.K., Rajnikanth, E., Ramesh, J.V.N., Bhasker, B., Begum, A.Y.	Design and Optimization of Feedback Controllers for Motion Control in the Manufacturing System for Digital Twin	2023	SN Computer Science	4	6	782			Article
1076	Kumar, B.A., Jyothi, B., Rathore, R.S., Singh, A.R., Kumar, B.H., Bajaj, M.	A novel framework for enhancing the power quality of electrical vehicle battery charging based on a modified Ferdowski Converter	2023	Energy Reports	10			2394	2416	Article
1077	Prasad, V., Sriramakrishnan, G.V., Diana Jeba Jingle, I.	Autism spectrum disorder detection using brain MRI image enabled deep learning with hybrid sewing training optimization	2023	Signal, Image and Video Processing	17	8		4001	4008	Article
1078	Vemanaboina, H., Babu, A.R., Naidu, B.V.V., Goud, R.R.	Distortion distribution in CO2laser beam welds of SS316L to INCONEL625 plates	2023	AIP Conference Proceedings	2869	1	30007			Conference Paper
1079	Vemanaboina, H., Ananda, K.E., Majid, M.S.A., Naidu, B.V.V., Pugazhenthir, R.	Influence of pre-heating technique on the titanium alloy for machinability using mill insert	2023	AIP Conference Proceedings	2869	1	30005			Conference Paper
1080	Aouthu, S., Anjaiah, P., Gireesh, N., Swaraja, K., Kumar, A., Sandhya, T.	Sustainable Design of Multiband Antenna for Wireless Communication Applications	2023	E3S Web of Conferences	430		1014			Conference Paper
1081	Suma, K.G., Sunitha, G., Avanija, J.	SegMatic: A Deep Neural Network Learning Model for Semantic Segmentation	2023	SSRG International Journal of Electronics and Communication Engineering	10	10	IJECE-V10I10P104	40	48	Article
1082	Rao, K.C., Lakshmunaidu, M., Nataraj, D., Ujwala, G.V., Chakradhar, K.S.	A Circularly Polarized Antenna for UHF Satellite Communication Applications	2023	Journal of Communications	18	10		643	657	Article
1083	Sivasamy, S., Sundaramoorthy, P., Beno, M.	A Comprehensive Investigation of Outer Rotor Permanent Magnet Switched Reluctance Motor for Enhanced Performance in Electric Vehicles	2023	IEEE Canadian Journal of Electrical and Computer Engineering	46	4		342	347	Article
1084	Banes, V., Ravariu, C., Appasani, B., Srinivasulu, A.	A Novel Two-Factor Authentication Scheme for Increased Security in Accessing the Moodle E-Learning Platform	2023	Applied Sciences (Switzerland)	13	17	9675			Article
1085	Deeba, K., Dasarathan, S., Kandula, S.R., Sheela, K.S., Ramkumar, R., Ashokkumar, N., Karthikeyan, D.	Early fire detection technique for human being using deep learning algorithm	2023	Indonesian Journal of Electrical Engineering and Computer Science	31	3		1648	1655	Article
1086	Ashok, J., Kumar, N.A., Raj, D.W.P., Ashok, J., Bhushan, A.V., Edem, S.	Design and Implementation of Smart Manufacturing Systems Through AR for Data-Driven Digital Twin System	2023	SN Computer Science	4	5	580			Article
1087	Seifeddine Zekrifa, D.M., Kulkarni, M., Bhagyalakshmi, A., Devireddy, N., Gupta, S., Boopathi, S.	Integrating machine learning and ai for improved hydrological modeling and water resource management	2023	Artificial Intelligence Applications in Water Treatment and Water Resource Management				46	70	Book Chapter
1088	Vishalatchi, S., Murugan, K., Nagaraj, R., Gayathri, H.N.	Design and Analysis of 2D Photonic Biosensor with ML for Respiratory Virus Detection	2023	Indian Journal of Engineering and Materials Sciences	30	4		614	621	Article
1089	Vijayanand, S., Viji, C., Vijayalakshmi, S., Vennila, G., Shankar, B.P., Rajkumar, N.	A Concrete Construction Encryption Mechanism Based Spatio Temporal Analysis for Securing BigData Storage in Cloud	2023	SSRG International Journal of Electronics and Communication Engineering	10	8		68	77	Article
1090	Kotapati, G., Selvamani, P.K.D., Lella, K.K., Shaik, K.S., Katevarapu, V.R., Bommagani, N.J.	Deep Learning Based Optimization Model for Energy Consumption of New Electric Vehicles	2023	Revue d'Intelligence Artificielle	37	4		825	834	Article
1091	Sekhar Reddy, N.V.R., Chitteti, C., Yesupadam, S., Desanamukula, V.S., Vellela, S.S., Bommagani, N.J.	Enhanced Speckle Noise Reduction in Breast Cancer Ultrasound Imagery Using a Hybrid Deep Learning Model	2023	Ingenierie des Systemes d'Information	28	4		1063	1071	Article
1092	Gandikota, H.P., Abirami, S., Kumar, M.S.	An Enhanced Approach to Liver Disease Classification: Implementing Convolutional Neural Network with Attention Layer Gated Recurrent Unit	2023	Ingenierie des Systemes d'Information	28	4		1029	1037	Article
1093	Eswarajah, S., Seo, K.-H., Kumar, K.N., Koval, A.V., Ratnam, M.V., Mengist, C.K., Chalapathi, G.V., Liu, H., Kwak, Y.-S., Merzlyakov, E., Jacobi, C., Kim, Y.-H., Rao, S.V.B., Mitchell, N.J.	Intriguing Aspects of Polar-to-Tropical Mesospheric Teleconnections during the 2018 SSW: A Meteor Radar Network Study	2023	Atmosphere	14	8	1302			Article
1094	Natarajan, M., Pasupuleti, T., Giri, J., Sunheriya, N., Katta, L.N., Chadge, R., Mahatme, C., Giri, P., Mallik, S., Ray, K.	Machinability of Titanium Grade 5 Alloy for Wire Electrical Discharge Machining Using a Hybrid Learning Algorithm	2023	Information (Switzerland)	14	8	439			Article
1095	Prabu, R.T., Sahoo, S., Valarmathi, K., Raj, A.G.S., Ranjan, P., Kumar, A., Laref, A.	CsPbI3 perovskite solar cell and decoding its skin feature in J-V curve	2023	Materials Science in Semiconductor Processing	162		107539			Article
1096	Zekrifa, D.M.S., Sharma, A., Satyam, Patankar, A.J., Bamane, K.D.	Data Analyzing with Cloud Computing Including Related Tools and Techniques	2023	International Journal of Intelligent Systems and Applications in Engineering	11	9s		233	238	Article

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1097	Balamurugan, K.S., Siddamsetti, S., Kumar, N.A., Walke, S., Deshpande, A., Lakshmi, T.R.V.	Designing Novel Routing Algorithms for Wireless Mobile Ad-Hoc Networks to Improve Their Enactment	2023	International Journal of Intelligent Systems and Applications in Engineering	11	8		526	535	Article
1098	Sunitha, G., Abouali, A., Galety, M.G., Sriharsha, A.V.	Dynamic programming with python	2023	Advanced Applications of Python Data Structures and Algorithms				102	122	Book Chapter
1099	Sunitha, G., Sriharsha, A.V., Yalgashev, O., Mamatov, I.	Interactive visualization with plotly express	2023	Advanced Applications of Python Data Structures and Algorithms				182	206	Book Chapter
1100	Arun, V., Sundaramoorthy, P., Nageswara Prasad, T., Ashokkumar, N.	Asymmetrical Single Phase Reduced Switch Nine Level Inverter with Trinary Sequence DC Input for PV based Renewable Energy Systems	2023	Journal of Solar Energy Research	8	3		1599	1608	Article
1101	Ramesh, P.S., Srivani, P., Mahdal, M., Sivaranjani, L., Abidin, S., Kagi, S., Elangovan, M.	Contextual Cluster-Based Glow-Worm Swarm Optimization (GSO) Coupled Wireless Sensor Networks for Smart Cities	2023	Sensors	23	14	6639			Article
1102	Natarajan, M., Pasupuleti, T., Abdullah, M.M.S., Mohammad, F., Giri, J., Chadge, R., Sunheriya, N., Mahatme, C., Giri, P., Soleiman, A.A.	Assessment of Machining of Hastelloy Using WEDM by a Multi-Objective Approach	2023	Sustainability (Switzerland)	15	13	10105			Article
1103	Maitthili, K., Madhavi Latha, Y., Gangopadhyay, A., Varghese, I.K., Sundaram, A., Pandey, C., Kiran, A.	Optimized CNN Model for Diabetic Retinopathy Detection and Classification	2023	International Journal of Intelligent Systems and Applications in Engineering	11	7s		317	331	Article
1104	Pydala, B., Kumar, T.P., Baseer, K.K.	SMART_EYE: A NAVIGATION AND OBSTACLE DETECTION FOR VISUALLY IMPAIRED PEOPLE THROUGH SMART APP	2023	Journal of Applied Engineering and Technological Science	4	2		992	1011	Article
1105	Shaik, K.S., Thumboor, N.S.K., Veluru, S.P., Bommagani, N.J., Sudarsa, D., Muppagowni, G.K.	Enhanced SVM Model with Orthogonal Learning Chaotic Grey Wolf Optimization for Cybersecurity Intrusion Detection in Agriculture 4.0	2023	International Journal of Safety and Security Engineering	13	3		509	517	Article
1106	Lokesh, K., Challa, N.P., Satwik, A.S., Kiran, J.C., Rao, N.K., Naseeba, B.	Early Alzheimer's Disease Detection Using Deep Learning	2023	EAI Endorsed Transactions on Pervasive Health and Technology	9	1				Article
1107	Avanija, J., Kumar, K.E.N., Kumari, C.U., Jyothi, G.N., Raju, K.S., Madhavi, K.R.	Enhancing Network Forensic and Deep Learning Mechanism for Internet of Things Networks	2023	Journal of Scientific and Industrial Research	82	5		522	528	Article
1108	Kalyani, G., Sai Sudheer, K., Janakiramaiah, B., Narendra Kumar Rao, B.	Hyperparameter Optimization for Transfer Learning-based Disease Detection in Cassava Plants	2023	Journal of Scientific and Industrial Research	82	5		536	545	Article
1109	Kumar Rao, B.N.	A wellness mobile application for smart health	2023	Designing and Developing Innovative Mobile Applications				21	37	Book Chapter
1110	Macherla, H., Kotapati, G., Sunitha, M.T., Chittipreddy, K.R., Attuluri, B., Vatambeti, R.	Deep Learning Framework-Based Chaotic Hunger Games Search Optimization Algorithm for Prediction of Air Quality Index	2023	Ingenierie des Systemes d'Information	28	2		433	441	Article
1111	Philip, J., Gandhimathi, S.K., Chalichalamala, S., Karnam, B., Chandanapalli, S.B., Chennupalli, S.	Smart Health Monitoring Using Deep Learning and Artificial Intelligence	2023	Revue d'Intelligence Artificielle	37	2		451	464	Article
1112	Chakravarthi, S.S., Rao, B.N.K., Challa, N.P., Ranjana, R., Rai, A.	Gesture Recognition for Enhancing Human Computer Interaction	2023	Journal of Scientific and Industrial Research	82	4		438	443	Article
1113	Hemalatha, G.M., Thirunavukkarasu, K., Kumar, C.R., Thamim, M., Thirumoorthy, K.	Selective Detection of Copper Ions and Biological Activities of Isoniazid Schiff Bases	2023	ChemistrySelect	8	12	e202204898			Article
1114	Srilakshmi, K., Rao, S.P.C., Deepika, G., Thrinath, B.V.S., Ramadevi, A., Gadameddi, S., Kumar, K.D., Palanivelu, A.	Performance Analysis of Artificial Intelligence Controller for PV and Battery Connected UPQC	2023	International Journal of Renewable Energy Research	13	1		155	170	Article
1115	Livingston, L.M.M., Raj, A.G.S., Prabu, R.T., Kumar, A.	Computational analysis of FeS2 material for solar cell application	2023	Optical and Quantum Electronics	55	3	244			Article
1116	Walde, R.B., Prakash, O., Sunil Kumar, M., Sule, B., Nabilal, K.V., Pawar, U.C.	Ranking Based Security Scheme with Attack Detection and Improved Network Security	2023	International Journal of Intelligent Systems and Applications in Engineering	11	3s		35	41	Article
1117	Shruti, Pahadsingh, S., Appasani, B., Srinivasulu, A., Bizon, N., Thounthong, P.	A Reconfigurable Terahertz Metamaterial Absorber for Gas Sensing Applications	2023	Crystals	13	2	158			Article
1118	Jena, K., Kumar, D., Janardhan, K., Kumar, B.H., Singh, A.R., Nikolovski, S., Bajaj, M.	A Novel Three-Phase Switched-Capacitor Five-Level Multilevel Inverter with Reduced Components and Self-Balancing Ability	2023	Applied Sciences (Switzerland)	13	3	1713			Article
1119	Ainapure, B.S., Pise, R.N., Reddy, P., Appasani, B., Srinivasulu, A., Khan, M.S., Bizon, N.	Sentiment Analysis of COVID-19 Tweets Using Deep Learning and Lexicon-Based Approaches	2023	Sustainability (Switzerland)	15	3	2573			Article
1120	Ravariu, C., Srinivasulu, A., Appasani, B.	Viral invasion flow-chart for pathogens with replication target in a host cell	2023	Recent Advancements in Smart Remote Patient Monitoring, Wearable Devices, and Diagnostics Systems				33	53	Book Chapter
1121	Sireesha, V., Tallapragada, V.V.S., Naresh, M., Pradeep Kumar, G.V.	EEG-BCI-based motor imagery classification using double attention convolutional network	2023	Computer Methods in Biomechanics and Biomedical Engineering						Article
1122	Ramani, K., Suneetha, I., Pushpalatha, N., Reddy, K.B.N.K., Harish, P.	A Mobile Application for Currency Denomination Identification for Visually Impaired	2023	Lecture Notes in Electrical Engineering	1080 LNEE			105	112	Conference Paper

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1123	Geetha, P.	Design of Solar Power Propagation using Silicon Nanowire Photonic Crystals for Electric Vehicles	2023	SAE Technical Papers						Conference Paper
1124	Mareddy, P.L., Reddy D, V.V., Katta, L.N., Siva Rami Reddy, N.	Parallel Scheduling of Machines and Tools without Tool Delay Using Symbiotic Organisms Search Algorithm	2023	SAE Technical Papers						Conference Paper
1125	Somsole, L.N., Natarajan, M., Pasupuleti, T., Krishna, A.N., Katta, L.N.	Investigations on the Effects of Chemical Treatment on Mechanical Properties of Thespesia Lampas Fiber Reinforced Composites for Automobile Applications	2023	SAE Technical Papers						Conference Paper
1126	Pasupuleti, T., Natarajan, M., Katta, L.N., Somsole, L.N., Kiruthika, J., Silambarasan, R.	Machinability Investigations on Ti-6Al-4V (Grade 5) Wire Electrical Discharge Machining Using Taguchi Method for Auto Parts	2023	SAE Technical Papers						Conference Paper
1127	Natarajan, M., Pasupuleti, T., Kiruthika, J., Sagaya Raj, G., Krishnamachary, P.C., Kotapati, G.	Machinability Investigations on Wire Electrical Discharge Machining of Inconel 625 by Taguchi Based Grey Approach	2023	SAE Technical Papers						Conference Paper
1128	Mohd, A.A., Kummarikunta, S., Naga, S.K.T., Buthukuri, V.R., Chintamaneni, P., Vatambeti, R.	Design of Mutual Authentication Method for Deep Learning Based Hybrid Cryptography to Secure data in Cloud Computing	2023	International Journal of Safety and Security Engineering	13	5		893	902	Article
1129	Rajkumar, R., Ramineni, C., Kumar, D.S., Kaliappan, S., Farook, S., Ramaian, C.P.	Energy Storage System Control Scheme based on Pretrained Adaptive Dynamic Programming for PSOs	2023	7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings				947	951	Conference Paper
1130	Alagdeve, V.D., Singh, R., Vasukidevi, G., Parihar, B., Dhananjeyan, S., Ashreetha, B.	Efficient Data Encryption and Signature Generation Scheme for Resource-Constrained IoT Environments	2023	7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings				262	269	Conference Paper
1131	Alagdeve, V.D., Thatipudi, J.G., Roy, P., Nithya, R., Anil Kumar, N., Ramesh, B.	Deep Learning-based Prediction of Parkinson's Disease Progression using Voice Recordings	2023	7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings				843	847	Conference Paper
1132	Gondhalekar, G., Vasukidevi, G., Isaac, L.D., Vyas, R.K., Arun Raj, S.R., Anil Kumar, N.	An Optimized Security Framework for Global IoT Communication using Software-Defined Networking (SDN) in Adversarial Environments	2023	7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings				100	109	Conference Paper
1133	Kawale, S.R., Mallikarjun, S., Dankan Gowda, V., Prasad, K.D.V., Anusha, M.N., Anil Kumar, N.	Smart Voice Navigation and Object Perception for Individuals with Visual Impairments	2023	7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings				694	701	Conference Paper
1134	Usharani, S., Subbaraj, R., Muralidhar, A., Rajakumaran, G., Depuru, S.K., Nandam, S.	Improved Schindler Model for Anaesthesia Drug Delivery in Obese Patients with Optimized Infusion Rate and Patient Safety	2023	International Journal of Engineering Trends and Technology	71	9		256	264	Article
1135	Rafi, N., Vasu Babu, R., Srinivasa Rao, R.V.N., Monikarchana, Y., Nagaiah, T.	ON FUZZY CLOSURE FILTERS OF DECOMPOSABLE STONE ALMOST DISTRIBUTIVE LATTICES	2023	Asia Pacific Journal of Mathematics	10		40			Article
1136	Vanipriya, B., Janarthanan, V., Bhargavi, M., Rajesh, V., Boopathiraja, K.P., Satyanarayana Tallapragada, V.V.	Comparison of AI Concepts, Machine Learning Hybrid Approach and IoT in Monitoring Smart Home Appliances in IDS	2023	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023				428	431	Conference Paper
1137	Kumara, V., Jayakumar, S., Rani, D.L., Maranan, R., Ramesh, D.R., Deivakani, M.	Development of Secure Hardware Architectures for Preventing Side-Channel Attacks and Protecting Sensitive Data in VLSI Systems	2023	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023				149	153	Conference Paper
1138	Kadam, J.J., Inbalatha, K., Naidu, B.V.V., Hasamnis, M.A.	Simulation and Assessment of Sensor Technologies in Automotive Frontal Airbag Systems using LS-DYNA	2023	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023				555	561	Conference Paper
1139	Santhosh, B.J., Benvin, S., Arvind, R., Aswini, V., Maranan, R., Thrinath, B.V.S.	AI Based Electric Automobile Battery Drain Forecasting System	2023	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023				756	761	Conference Paper
1140	Sheeba, M., Kumar, D.R., Kirubakaran, S., Dixit, I., Rani, D.L., Yadav, A.S.	An Investigation and Development into the Use of AI-Based Analytical Methods for Forecasting the Stock Market	2023	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023				1303	1307	Conference Paper
1141	Shaik, M.B., Shaik, T.B., Varalakshmi, M., Suban, S.S., Chamarthi, N.	Design, Synthesis and Biological Evaluation of 4-Hydroxy-2-Thioxo-4-Trifluoromethyl-Hexahydro-Pyrimidin-5-yl]-p-Tolyl-Methanone Derivatives as Potent Anti-Inflammatory and Antimicrobial Agents	2023	Polycyclic Aromatic Compounds						Article
1142	Sivaranjani, L., Rachamadugu, S.K., Reddy, B.V.S., Basi Reddy, A., Sakthivel, M., Depuru, S.	Fashion Recommendation System Using Machine Learning	2023	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023				1367	1374	Conference Paper

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1143	Prabu, R.T., Kumar, C.R., Devi, P.K., Shibu, S., Kumar, A.K., Xavier, B.M., Mahmmod, F.K.	High efficiency coupling fibers with different types of photo detectors for the management of noise multiplication and efficient bandwidth	2023	Journal of Optical Communications						Article
1144	Thejasree, P., Natarajan, M., Khan, M.A., Vempati, S., Yelamasetti, B., Dasore, A.	Application of a hybrid Taguchi grey approach for determining the optimal parameters on laser beam welding of dissimilar metals	2023	International Journal on Interactive Design and Manufacturing						Article
1145	Chalapati, T., Kumaraswamy Naidu, K., Harish Babu, D.	Enumeration of Neutrosophic Involutions over Finite Commutative Neutrosophic Rings	2023	Neutrosophic Sets and Systems	58			125	138	Article
1146	Rajasekhar, A., Peddanna, K., Vedasree, N., Sireesha, Y., Parthasarathi, C., Nagaraju, N., Rao, C.A.	Asparagus gonocladus Baker (AGAF) Root Tubers Improve Glycemic Control and Hyperlipidemia in Streptozotocin-Induced Diabetic Rats	2023	Journal of Biologically Active Products from Nature	13	4		424	436	Article
1147	Xin, X., Masthanaiah, Y., Rushikesava, A., Tarakaramu, N., Abdullaev, S., Khan, M.I., Bouazzi, I.R.	Magnetic field and dissipation effects on mixed convection viscous fluid flow by a channel in the presence of porous medium and heat generation/absorption phenomenon	2023	ZAMM Zeitschrift für Angewandte Mathematik und Mechanik						Article
1148	Kalpana, V., Kishore, V.V., Krishna, H.B.	COVID-Net: COVID-19 detection and classification from Chest X-rays using DCNN	2023	IET Conference Proceedings	2023	5		25	29	Conference Paper
1149	Dharani, N.P., Sujatha, G., Rani, R.	Blood Cancer Detection Using Improved Machine Learning Algorithm	2023	Proceedings of the International Conference on Circuit Power and Computing Technologies, ICCPCT 2023				1136	1141	Conference Paper
1150	Tirupal, T., Pandurangaiah, Y., Roy, A., Kishore, V.V., Nayyar, A.	On the use of UDWT and fuzzy sets for medical image fusion	2023	Multimedia Tools and Applications						Article
1151	Raju, R., Paramasivam, S., Tat, T.K., Manikandan, N., Giridhar, D., Thejasree, P.	Trends in medical equipment engineering for additive manufacturing in the industry 4.0 era	2023	Medical Equipment Engineering: Design, manufacture and applications				219	246	Book Chapter
1152	Dewangan, N.K., Jena, K., Kumar, D., Janardhan, K., Kumar, B.H., Verma, D.	A Novel Single and Multiple Switch Fault-Tolerant Multilevel Inverter Topology With Reduced Device Count	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023						Conference Paper
1153	Kumar, B.H., Kumar, S.S.S., Yaseen, S., Kumar, P.A., Fayaz, S., Janardhan, K.	Thirteen Level Switched Capacitor Multilevel Boost Inverter for PV applications	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023						Conference Paper
1154	Janardhan, K., Boilla, A., Kumar Angati, Y.M., Bengalore, H., Badi Ginchula, A.K., Hemanth Kumar, B.	Nine-Level Switched Capacitance Multi-Level Inverter with Charge Balance	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023						Conference Paper
1155	Manohara, M., Sravani, M., Ganesh, K.V., Leela Rani, D., Babu, M.M., Kavya, K.	Hybrid Electric Vehicle Voltage Regulation Using Backstepping Sliding Mode Control	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023						Conference Paper
1156	Kumar, B.H., Nagapujitha, K., Pushpavathi, J., Bhavana, M., Vani, N., Janardhan, K.	Twenty-Five-Level Switched Capacitor Multilevel Boost Inverter for Solar PV Applications	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023						Conference Paper
1157	Kumar, B.H., Vyshnavi, B., Dorababu, B., Kumar, V.L., Singh, A.R., Janardhan, K.	Seventeen Level Switched Capacitor Boost inverter for Renewable Energy Sources	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023						Conference Paper
1158	Janardhan, K., Kuntrapaka, M., Kumbharathi, N., Nagarchi, T., Reddy Nallagari, D.K., Hemanth Kumar, B.	High Gain Switched-Capacitor Multilevel Inverter	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023						Conference Paper
1159	Janardhan, K., Krishna, R.G., Guru Chandrika, T., Kumar, B.S., Blessy Sharon, M., Kumar, B.H.	Performance analysis of 15-level Switched Capacitor-Multilevel inverter	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023						Conference Paper
1160	Ganesh, R., Rao, B.S., Goriparthi, S., Trivedi, P.U., Nishant, N., Reddy, P.N.K.	An Efficient Method for Smart Parking System Using Adaptive CNN Ensemble Approach	2023	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023				398	403	Conference Paper
1161	Hema, P., Babu, U.R., Manigandan, E., Rajesh Kumar, A., Devireddy, N., Rastogi, R.	Empirical Analysis of Rainfall Prediction System using an DGRNN-SAM Approach	2023	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023				790	795	Conference Paper
1162	Basi Reddy, A., Suresh Reddy, B.V., Nandam, A.D., Naresh, K., Depuru, S., Sakthivel, M.	Sentimental Analysis of Movie Reviews Using NLP Techniques	2023	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023				713	720	Conference Paper
1163	Venkatarao, J., Deeban Chakravarthy, V., Ramya, S., Siva Prasad, V., Cherukuvada, S., Soujanya, A.	A Machine Learning Method for Detecting Behavior-Based Malware	2023	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023				410	414	Conference Paper

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1164	Sunitha, G., Sudeepthi, A., Sreedhar, B., Shaik, A.B., Farooq, C.	RetinaNet and Vision Transformer-Based Model for Wheat Head Detection	2023	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023				151	156	Conference Paper
1165	Aylapogu, P.K., Badita, K., Geetha, P., Sama, N.	Design and Implementation of 4-bit High Speed Array Multiplier for Image Coding	2023	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	470 LNICST			382	389	Conference Paper
1166	Aylapogu, P.K., Jayalakshmi, A., Praveena, H.D., Kalivaraprasad, B.	A Comparative Study of Power Optimization Using Leakage Reduction Techniques	2023	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	470 LNICST			362	381	Conference Paper
1167	Anitha, R., Dasari, D.B., Vivek, P.S.S., Kakarla, N.M.L., Kumar, M.S.	A novel adaptive dual swarm intelligence based image quality enhancement approach with the modified SegNet -RBM-based Alzheimer Segmentation and classification	2023	Multimedia Tools and Applications						Article
1168	Reddy, K.S., Vemanaboina, H., Naidu, B.V.V., Yelamasetti, B., Bridjesh, P., Shelare, S.D.	Minimizing distortion in multi-pass GTAW welding of SS316L structures: a Taguchi approach	2023	International Journal on Interactive Design and Manufacturing						Article
1169	Leela Rani, D., Bharathi, M., Manohara, M., Praveena, H.D., Geetha, P.	A Smart Medication Box with Regular Medications and In-Time Refilling	2023	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023				1066	1070	Conference Paper
1170	Satyam, Geetha, P., Shashikala, K.S., Kumar, N.A.	AI-Enabled Edge Computing Models: Trends, Developments, and Future Implications	2023	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023				63	67	Conference Paper
1171	Kotapati, G., Gandhimathi, S.K., Rao, P.A., Muppagowni, G.K., Bindu, K.R., Chandra Reddy, M.S.	A Natural Language Processing for Sentiment Analysis from Text using Deep Learning Algorithm	2023	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023				1028	1034	Conference Paper
1172	Arunarani, A.R., Selvanayaki, S., Saleh Al Ansari, M., Ala Walid, M.A., Devireddy, N., Keerthi, M.M.	Crop Yield Prediction Using Spatio Temporal CNN and Multimodal Remote Sensing	2023	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023				1042	1048	Conference Paper
1173	Kumar, M.R., Natteshan, N.V.S., Avanija, J., Madhavi, K.R., Charan, N.S., Kushal, V.	SMOTE-TOMEK: A Hybrid Sampling-Based Ensemble Learning Approach for Sepsis Prediction	2023	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023				724	729	Conference Paper
1174	Tamilselvi, M., Kumar, A.K., Ganapathy, D., Devi, P.K., Ramachandran, T.P., Zahran, A.A., Yesudasu, V.	Efficient employment of Yb doped multi-mode fiber amplifiers based pumped laser with advanced light sources in high speed modulated optical communication systems	2023	Journal of Optical Communications						Article
1175	Chitra Kiran, N., Parkash, J., Cheerla, S., Shanmugaraja, P., Manohara, M., Madan, P.	Receiver-Based Data Communication for Wireless Sensor Networks	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference Paper
1176	Karthick, S., Kumar, B.A., Sethi, P., Singh, N.K., Srivastava, S., Prasanth, P.V.	Optimization Models and Educational Teaching Research in Agricultural Logistics System	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference Paper
1177	Maguluri, L.P., Farook, S., Saravanan, R., Dixit, A., Aishwarya, K.P., Dhanraj, J.	An Appraisal in to the Effects of Partial Shading on an Urban Photovoltaic System Using the Internet of Things	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference Paper
1178	Chandel, G., Niwazi Qurashi, S., Bindu Madhavi, N., Madhu, G.C., Singh, C.	Integration of IoT and cloud computing to manage the patient e- prescription	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference Paper
1179	Jha, A.V., Teri, R., Verma, S., Tarafder, S., Bhowmik, W., Kumar Mishra, S., Appasani, B., Srinivasulu, A., Phillibert, N.	From theory to practice: Understanding DevOps culture and mindset	2023	Cogent Engineering	10	1	2251758			Review
1180	Vajravelu, A., Ashok Kumar, N., Sarkar, S., Degadwala, S.	Security Threats of Unmanned Aerial Vehicles	2023	Advanced Sciences and Technologies for Security Applications	Part F1307			133	164	Book Chapter
1181	Tarakaramu, N., Sivakumar, N., Tamam, N., Satya Narayana, P.V., Ramalingam, S.	Theoretical analysis of Arrhenius activation energy on 3D MHD nanofluid flow with convective boundary condition	2023	Modern Physics Letters B			2341009			Article
1182	Balaji, K., Karim, S., Naidu, N.G., Venkatesh, T., Ranjitha, P.V., Chandrasekhar, S.	Examining the Potential of Cryptocurrencies as An Asset Class- An Empirical Study	2023	International Conference on Applied Intelligence and Sustainable Computing, ICAISC 2023						Conference Paper

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1183	Nagendra Babu, G.	Review of Routing Protocols for Sink with mobility nature in Wireless Sensor Networks	2023	2023 International Conference in Advances in Power, Signal, and Information Technology, APSIT 2023				734	738	Conference Paper
1184	Das, P., Pratyusha, N., Mandal, S.	New 4D Chaotic System with Infinite Equilibrium and Secure Colour Image Encryption	2023	5th International Conference on Energy, Power, and Environment: Towards Flexible Green Energy Technologies, ICEPE 2023						Conference Paper
1185	Rao, K.L.	Investigation For Resource Exploitation of Solar Energy on The Roof of Pupils Houses- A Survey	2023	5th International Conference on Energy, Power, and Environment: Towards Flexible Green Energy Technologies, ICEPE 2023						Conference Paper
1186	Maruthi, P., Sivakumar, C.	The Smart Performance Analysis of Reliability based Optimization Service for Secured Cloud Servers using Priority based Scheduling	2023	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings				633	640	Conference Paper
1187	Modak, S., Mulla, Z.A.S., Verma, A., Sunalini, K.K., Ali Khan, P.M.D., Gupta, P.	Towards Detecting the Fake Profile in Social Media using Hybrid Model of LSTM and Extreme Learning Machine	2023	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings				941	946	Conference Paper
1188	Madhuri, N.S., Sundaramoorthy, P., Vijaykumar, A.	A Review on Different Acoustic-Noise and Torque Ripple Lessening Techniques of Switched Reluctance Motor	2023	International Conference on Smart Systems for Applications in Electrical Sciences, ICSES 2023						Conference Paper
1189	Rajkumar, R., Selvarani, N., Bradley Bright, B., Kaliappan, S., Sai Thrinath, B.V., Amal Rebin, A.X.	Photovoltaic System based on Closed Loop DC-DC Converter with Fuzzy Logic Controller	2023	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings				113	119	Conference Paper
1190	Kumar, K.R., Sivakumar, C.	An Improved Capacity Optimization Framework for Mobile Nodes in Ultra Dense Cloud Networks	2023	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings				526	533	Conference Paper
1191	Sowmya, T.S., Narasimhulu, T., Sunitha, G., Manikanta, T., Venkatesh, T.	Vision Transformer based ResNet Model for Pneumonia Prediction	2023	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings				316	321	Conference Paper
1192	Dey, R., Samanta, P.K., Chokda, R.P., De, B.P., Appasani, B., Srinivasulu, A., Philibert, N.	Graphene-based electrodes for ECG signal monitoring: Fabrication methodologies, challenges and future directions	2023	Cogent Engineering	10	1	2246750			Review
1193	Rafi, N., Monikarchana, Y., Bandaru, R., Iampan, A.	On Prime E-ideals of Almost Distributive Lattices	2023	International Journal of Analysis and Applications	21		85			Article
1194	Prabhu, S., Arun, V., Mahadevan, B., Venkatesh, P., Aravindha Reddy, P.V., Mohan, S.S., Reddy, S.R.K., Reddy, S.S.K.	Finite Element Analysis on Doubly Salient Singly Excited Machine for Electrified Transportation Systems	2023	Progress In Electromagnetics Research C	135			145	156	Article
1195	Satyam, Sai Samhitha, T., Adikesava Naidu, T., Swapna, K., Nagaraju, Y., Ashok Kumar, N.	Low Profile Miniaturized Wideband Antenna for mmW Applications	2023	2023 4th International Conference for Emerging Technology, INCET 2023						Conference Paper
1196	Praveena, K., Vimala, C., Hemachandra, S.	Lung Carcinoma Detection using Deep learning	2023	IEEE International Conference on Advances in Electronics, Communication, Computing and Intelligent Information Systems, ICAECIS 2023 - Proceedings				177	182	Conference Paper
1197	Balaji, M., Padmaja, N., Gitanjali, P., Shaik, S.A., Siva Kumar, P., Sai Geetesh, R.	Design of FIR filter with Fast Adders and Fast Multipliers using RNS Algorithm	2023	2023 4th International Conference for Emerging Technology, INCET 2023						Conference Paper
1198	Kumar, D.N.A., Tamilselvi, M., Balasubramanian, B., Ashokkumar, N., Prabu, R.T., Taher, A.M.	Dual port dual drive/LiNb MZM measured modulators based light transmitter sources for ultra-long haul optical wireless systems	2023	Journal of Optical Communications						Article
1199	Ashokkumar, N., Garthima, S., Gawala, S.D., Sai Gayathri, B., Diwakar, C., Kavitha, T.	Design of Microstrip Patch Antenna Integrated with Metal Rings, Stubs and Defective Ground for Wideband Applications	2023	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings				1372	1376	Conference Paper
1200	Satyam, Geetha, P.	Comprehensive Overview of the Opportunities and Challenges in AI	2023	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings				420	423	Conference Paper
1201	Avanija, J., Chandra Mohan Reddy, C., Sri Chandan Reddy, C., Harshavardhan Reddy, D., Narasimhulu, T., Hardhik, N.V.	Skin Cancer Detection using Ensemble Learning	2023	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings				184	189	Conference Paper
1202	Umanesan, R., Nagabhushana Rao, M., Bhavana, S., Walid, M.A.A., Trivedi, P.U., Naresh Kumar Reddy, P.	Innovative Method for Predicting Vehicle Speed Detection using Fuzzy Local Information Means and CNN	2023	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings				746	752	Conference Paper
1203	Kumar, M.S., Sabeena, J., Veena, K.M., Pavan, K., Sukavya, M., Sravanthi, K.	Fake Profile Detection on Social Networking Websites using Machine Learning	2023	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings				119	122	Conference Paper

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1204	Venkatakrishnamoorthy, T., Srinivas, B., Dharani, M., Krishna, S.V., Reddy, Y.D.R., Supriya, P.	Design of Multi-Layer Protocol Architecture using Hybrid Optimal Link State Routing (HOLSR) Protocol for CR Networks	2023	International Journal on Recent and Innovation Trends in Computing and Communication	11			419	423	Article
1205	Kumar, N.A., Podili, V.A., Nallapalli, M.J., Panduru, Y., Sangnapalli, A.	Safety Detection by Using Smart and Multitasking Headgear	2023	VITECoN 2023 - 2nd IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies, Proceedings						Conference Paper
1206	Ashokkumar, N., Reddiprasanna, B., Varshitha, B., Farishma, S., Shankar, P.H., Thandapani, K.	Data Encoding Techniques for Reducing Energy Consumption in Network-On-Chip	2023	VITECoN 2023 - 2nd IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies, Proceedings						Conference Paper
1207	Dwivedi, T., Luthia, M., Swain, P.C., Ashokkumar, N., Lokesh, L.	Influence of Innovative Healthcare Promotional Strategies on Human Physical Health & Mental Behaviour	2023	Journal for ReAttach Therapy and Developmental Diversities	6	6		173	183	Article
1208	Revathy, G., Venkateswaran, S., Senthil Murugan, V., Devi, V., Mohanadevi, A., Saravanan, G.	Precise Prediction of Cardiovascular Diseases Using Machine Learning	2023	2023 2nd International Conference on Smart Technologies and Systems for Next Generation Computing, ICSTSN 2023						Conference Paper
1209	Chakradhar, K.S., Deshmukh, R., Singh, P.P., Hazela, B., Taluja, R.	LPG Cylinder Leakage Monitoring by IoT	2023	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings				1386	1389	Conference Paper
1210	Lapakshi, A.H., Chintalapalli, A., Geetha, P.	Modeling of Electrochemical Treatment for Early Detection of Tumor Cells	2023	2023 3rd International Conference on Artificial Intelligence and Signal Processing, AISP 2023						Conference Paper
1211	Babu, M.V.S., Ashokkumar, N., Joshi, A., Deshpande, P.S., Keshta, I., Maaliw, R.R.	Spatio-temporal attention based real-time environmental monitoring systems for landslide monitoring and prediction	2023	Spatial Information Research						Article
1212	Dharani, M., Bharathi, M., Rajeswari, B.M., Yadav, A.M., Niranjan, D., Reddy, A.C.D.	Design and Verification of an Adder-Subtractor Using UVM Methodology	2023	Proceedings - 2023 12th IEEE International Conference on Communication Systems and Network Technologies, CSNT 2023				26	30	Conference Paper
1213	Bharathi, M., Sai, G.A., Sree, B.D., Bharadwaj Karthik, K., Naik, B.U.K., Shirur, Y.J.	Designing 64-Bit LUT based FFT Structure for High-Speed DSP Applications	2023	Proceedings - 2023 12th IEEE International Conference on Communication Systems and Network Technologies, CSNT 2023				31	34	Conference Paper
1214	Neelima, K., Padma, C., Nalini, C., Balaji, M.	FIR Filter design using Urdhva Triyagbhyam based on Truncated Wallace and Dadda Multiplier as Basic Multiplication Unit	2023	Proceedings - 2023 12th IEEE International Conference on Communication Systems and Network Technologies, CSNT 2023				434	438	Conference Paper
1215	Hima Bindu, G.B., Ramani, K., Shoba Bindu, C.	QOS Enhanced Energy Aware Task Scheduling Models in Cloud Computing	2023	Studies in Computational Intelligence	1098			145	164	Book Chapter
1216	Geetha, P., Anandasekaran G	Hexagonal Split Ring Resonator for 5SUSTAINABLE AND ENVIRONMENTAL FRIENDLY PREVENTION OF POST HARVESTING LOSS USING SI-NANO COMPOSITESG Applications	2023	First International Conference on Advanced Materials, Manufacturing and Industrial Engineering (AMMIE 2023)						Conference Paper
1217	Hari Chandana, B., Neelima, K., Harika, D., Divya, N., Kumar, N.A.	Customized Rectangular Microstrip Patch Antenna for Enhanced Gain to operate at 7.5 GHz	2023	Proceedings - 2023 12th IEEE International Conference on Communication Systems and Network Technologies, CSNT 2023				60	65	Conference Paper
1218	Harika, D., Hari Chandana, B., Divya, N., Neelima, K.	Ultra-Low Power and High Speed CNTFETS Based Magnitude Comparator Design	2023	Proceedings - 2023 12th IEEE International Conference on Communication Systems and Network Technologies, CSNT 2023				46	49	Conference Paper
1219	Ramani, K., Bhavana, K., Akshaya, A., Harshita, K.S., Thoran Kumar, C.R., Srikanth, M.	An Explorative Study on Extractive Text Summarization through k-means, LSA, and TextRank	2023	WISPNET 2023 - International Conference on Wireless Communications, Signal Processing and Networking						Conference Paper
1220	Moorthy, K.S., Neeraia, M.P., Pavitra, P., Arivumalar, R., Veeranjanevelu, K., Murali, S.M.	A Hybrid Data Acquisition Model for Precision Agriculture using IoT, Engineering Nanomaterials and Artificial Intelligence	2023	7th International Conference on Trends in Electronics and Informatics, ICOEI 2023 - Proceedings				479	485	Conference Paper
1221	Tallapragada, V.V.S., Vidya, B.B.S., Venkataravanamma, B., Lochanesh, B., Teja, G.U.	Real and Synthetic Underwater Image Enhancement by Colour Compensation with Complementary Colours	2023	7th International Conference on Trends in Electronics and Informatics, ICOEI 2023 - Proceedings				1623	1628	Conference Paper
1222	Balaji, M., Begum, A.Y., Reddy, C.J.S., Mahesh, G., Charunya, D.	Comparison of Efficiencies Using Thermal Characteristics of Different PV Materials Using ANSYS	2023	2023 3rd International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2023						Conference Paper

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1223	Prabhu, S., Arun, V., Balaji, M., Kalaimagal, V., Manikandan, A., Chandrasekar, V.	Electromagnetic Analysis on Interior Permanent Magnet Motor for Electrified Transportation Systems	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				163	168	Conference Paper
1224	Arun, V., Prabhu, S., Stonier, A.A., Shanthi, B.	A New Quasi-Linear Multilevel Inverter with Reduced Sources and Components	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				147	151	Conference Paper
1225	Prabhu, S., Arun, V., Balaji, M., Kalaimagal, V., Manikandan, A., Reddy, B.M.	Investigations on Brushless DC Motors for Automotive Systems	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				138	142	Conference Paper
1226	Arun, V., Stonier, A.A., Prabhu, S., Peter, G.	Advanced PWM Scheme For 15 Level Binary Source (1:2:4) Inverter	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				408	412	Conference Paper
1227	Anitha, C., Komala, C.R., Vivekanand, C.V., Lalitha, S.D., Boopathi, S., Revathi, R.	Artificial Intelligence driven security model for Internet of Medical Things (IoMT)	2023	Proceedings of 2023 3rd International Conference on Innovative Practices in Technology and Management, ICIPTM 2023						Conference Paper
1228	Arun, V., Prabhu, S., Stonier, A.A., Prabakaran, N.	Novel Multilevel Inverter with New Altered Carrier PWM Method	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				112	117	Conference Paper
1229	Prabhu, S., Kalaimagal, V., Arun, V., Manikandan, A., Balaji, M., Chandrasekar, V.	Investigations on Switched Reluctance Motors for Automotive Systems	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				169	174	Conference Paper
1230	Prabhu, S., Arun, V., Balaji, M., Kalaimagal, V., Manikandan, A., Chandrasekar, V.	Electromagnetic Analysis on Brushless DC Hub Motor for Electrified Transportation Systems	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				179	183	Conference Paper
1231	Arun, V., Prabhu, S., Reddy, S.S.K., Kalaimagal, V.	Performance Evaluation of Variable Frequency Binary DC Source Multi-Level Inverter	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				143	146	Conference Paper
1232	Rajitha Jasmine, R., Nimmagadda, P., Sudhakar, K., Benitha Christinal, J., Rajasekar, P., Syed Musthafa, A.	Perceptual Video Summarization Using Keyframes Extraction Technique	2023	Proceedings of 2023 3rd International Conference on Innovative Practices in Technology and Management, ICIPTM 2023						Conference Paper
1233	Likhitha, K., Hitaisi, M., Arshad, K., Arun, V., Prabhu, S., Shanthi, B.	Modular Seven Level Inverter (M7LI) with Level Shifted Variable Frequency Control	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				509	513	Conference Paper
1234	Arun, V., Prabhu, S., Stonier, A.A., Shanthi, B.	Design of Novel Structure Nine Level Trinary Source Inverter	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				175	178	Conference Paper
1235	Krishna, S.H., Prasad, K.D.V., Rajasekar, M., Ashokkumar, N., Vatsa, G.	Perceived Mental Stress of Faculties and their Methods of Coping with Special Reference to Private Universities	2023	Journal for ReAttach Therapy and Developmental Diversities	6	4		349	358	Article
1236	Ashokkumar, N., Pappa, C.K., Siva Kumar, A., Srinivasan, D., Vijay, M.M.	Certain Investigation of Optimization Methods of Sensor Nodes in Biomedical Recording Systems	2023	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023				1175	1181	Conference Paper
1237	Ashokkumar, N., Arun, V., Prabhu, S., Kalaimagal, V., Srinivasan, D., Shanthi, B.	Design and Implementation of IoT based Energy Efficient Smart Metering System for Domestic Applications	2023	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023				1208	1212	Conference Paper
1238	Ashokkumar, N., Arun, V., Prabhu, S., Kalaimagal, V., Srinivasan, D., Shanthi, B.	Monitoring and Warning of Flooding Conditions Using IoT Based System	2023	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023				1199	1203	Conference Paper
1239	Thandapani, K., Nagarajan, P., Pappa, C.K., Ashokkumar, N.	MEMS Sensor Based V2V Communication Using Li-Fi Technology	2023	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023				1370	1374	Conference Paper
1240	Shunmughavel, V., Jeevanantham, V., Srinivasan, D., Premkumar, M., Nivethika, S.D., Ashokkumar, N.	A Concept-based Ontology Mapping Method for Effective Retrieval of Bio-Medical Documents	2023	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023				679	684	Conference Paper
1241	Anitha, C., Priscila, S.S., Mahaveerakannan, R., Balakrishnan, B.	An Efficient Secure Routing and Hierarchical Approach to Elliptic Curve Cryptography Combined with Distributed Group Key Management	2023	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023				2208	2212	Conference Paper
1242	Yadav, S.S., Maan, M.K., Sunil Kumar, M., Kumarnath, J., Pund, S.S., Rathod, M.	A Secure IoT Smart Network Model for the Contributory Broadcast Encryption for the Text Policy Management Scheme	2023	International Journal of Intelligent Systems and Applications in Engineering	11	3s		42	48	Article

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1243	Rakesh, V., Chilukuri, P., Vaishnavi, P., Sreekarana, P., Sujala, P., Krishna Yadav, D.R.	Real Time Object Recognition Using OpenCV and Numpy in Python	2023	International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2023 - Proceedings				421	426	Conference Paper
1244	Chakradhar, K.S., Kumar, B.A., Gottimukkala, A.R., Prasad, G.N.R.	Determine the Blood Group by using Image Processing and Machine Learning	2023	2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings				306	308	Conference Paper
1245	Bharathi, M., Mahaboob Basha, S.K., Kumar, E.G., Nehal, G.S., Lapakshi, A.H., Chintalapalli, A.	Customised Design of 16-Bit DSP Processor for Signal Processing Applications	2023	International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2023 - Proceedings				930	935	Conference Paper
1246	Pala, V.C.R., Kamatagi, S., Jangiti, S., Swaraja, K., Madhavi, K.R., Kumar, G.N.	Yoga Pose Recognition with Real time Correction using Deep Learning	2023	2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings				387	393	Conference Paper
1247	Dinesh, B., Chilukuri, P., Sree, G.P., Venkatesh, K., Delli, M., Nandish, K.R.	Chat and Voice Bot Implementation for Cardio and ENT Queries Using NLP	2023	International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2023 - Proceedings				124	130	Conference Paper
1248	Kamakshi, S., Penchalaiah, P., Bhasha, P.	Classification of Brain Disease and MRI-Based Age Estimation Using Deep Learning Algorithms	2023	Proceedings of the 2023 International Conference on Intelligent Systems for Communication, IoT and Security, ICISCoIS 2023				345	348	Conference Paper
1249	Neelima, K., Meruva, K.R., Subhas, C.	Image Fusion using Xilinx System Generator for MRI and CT Medical Image Modalities	2023	2023 International Conference on Emerging Smart Computing and Informatics, ESCI 2023						Conference Paper
1250	Bhamidipati, K., Sriramakrishnan, G.V., Daniya, T., Ragaventhiran, J.	IoT Enabled Soil Moisture and Heat Level Prediction Using Chimp Shuffled Shepherd Optimization-Based Deep LSTM for Plant Health Monitoring	2023	International Journal of Information Technology and Decision Making			2350031			Article
1251	Chalapathi, T., Naidu, K.K., Babu, D.H., Smarandache, F.	Theory on Duplicity of Finite Neutrosophic Rings	2023	Neutrosophic Sets and Systems	55			203	215	Article
1252	Shiny, M.L., Ramrao, N., Murugan, K.	A Review on Ongoing Medical Care Observing Framework for Cardiovascular Patients Utilizing IoT	2023	Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023				1310	1318	Conference Paper
1253	Ramachandran, K.K., Ravichand, M., Joshi, K., Vekariya, V., Saini, D., Ponnusamy, R.	Investigation of the Educational Performance on the Revolutionary Philosophical Electoral Online Learning Platform Centred on Deep Learning	2023	2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023				639	642	Conference Paper
1254	Priyanka, P., Kishore Kumar, P., Lakshmi Kala, K., Vemanaboina, H.	Prediction of cutting forces in drilling of aluminum 6061-T6 alloy	2023	Materials Today: Proceedings						Article
1255	Prabhu, S., Arun, V., Balaji, M., Kalaimagal, V., Manikandan, A., Chandrasekar, V.	Analysis on Misc Type Permanent Magnet Synchronous Reluctance Machine for Transportation Systems	2023	2023 International Conference on Power, Instrumentation, Energy and Control, PIECON 2023			153			Conference Paper
1256	Prabhu, S., Kalaimagal, V., Arun, V., Manikandan, A., Balaji, M., Chandrasekar, V.	Impact of Laminating Core Materials on Switched Reluctance Motor for Automotive Applications	2023	2023 International Conference on Power, Instrumentation, Energy and Control, PIECON 2023			127			Conference Paper
1257	Prabhu, S., Arun, V., Balaji, M., Kalaimagal, V., Manikandan, A., Chandrasekar, V.	Influence of Laminating Core Materials on Internal Permanent Magnet Motor for Locomotive Systems	2023	2023 International Conference on Power, Instrumentation, Energy and Control, PIECON 2023			137			Conference Paper
1258	Arun, V., Prabhu, S., Stonier, A.A.	Hybrid Variable Frequency PWM Methods for Seven Level Asymmetrical Inverter (7LAI)	2023	2023 International Conference on Power, Instrumentation, Energy and Control, PIECON 2023			123			Conference Paper
1259	Niranjana, S., Chandra, I., Charulatha, G., Leopauline, S., Prathima, C., Geetha, T.	A Novel Orientation Approach in Artificial Intelligence for Mounting Robots Utilizing a Three-Dimensional Framework of the Broadcast Tower	2023	Proceedings of the International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering, ICECONF 2023						Conference Paper
1260	Prabhu, S., Arun, V., Balaji, M., Kalaimagal, V., Manikandan, A., Chandrasekar, V.	Finite Element Analysis on Interior Permanent Magnet Machine for Propulsion System	2023	2023 International Conference on Power, Instrumentation, Energy and Control, PIECON 2023			146			Conference Paper
1261	Prabhu, S., Arun, V., Balaji, M., Kalaimagal, V., Manikandan, A., Chandrasekar, V.	Performance Investigations on Synchronous Reluctance Motor for Automotive Applications	2023	2023 International Conference on Power, Instrumentation, Energy and Control, PIECON 2023			126			Conference Paper
1262	Rao, B.R., Chakradhar, K.S., Satyanarayana, M., Sriharsha, A.V., Nataraj, D.	Design of a Compact Low-Profile Ultra Wideband Antenna (UWB) for Biomedical Applications	2023	Lecture Notes in Networks and Systems	649 LNNS			904	914	Conference Paper
1263	Tangudu, N., Rayapati, N., Ramesh, Y., Vital, P., Kavitha, K., Narayana, G.V.L.	Hostel Out-Pass Implementation Using Multi Factor Authentication	2023	Lecture Notes in Networks and Systems	649 LNNS			532	542	Conference Paper

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1264	Madhavi, K.R., Suri, V.K., Mahalakshmi, V., Reddy, R.O., Reddy, C.S.	Federated Learning and Adaptive Privacy Preserving in Healthcare	2023	Lecture Notes in Networks and Systems	649 LNNS			543	551	Conference Paper
1265	Narendra Kumar Rao, B., Kamarsu, A., Returi, K.D., Mohan, V.M., Reddy Madhavi, K.	Multi-layered PCM Method for Detecting Occluded Object in Secluded Remote Sensing Image	2023	Lecture Notes in Networks and Systems	606			651	661	Conference Paper
1266	Srilakshmi, V., Chakradhar, K.S., Suneetha, K., Bindu, C.S., Yamsani, N., Madhavi, K.R.	Artificial Intelligence for Detecting Prevalence of Indolent Mastocytosis	2023	Lecture Notes in Networks and Systems	648 LNNS			33	43	Conference Paper
1267	Devender, B., Kishore Kumar, P., kala, K.L., Vemanaboina, H.	Modeling and flow analysis of FDM based dual extruder	2023	Materials Today: Proceedings						Article
1268	Krishnaraj, J., Harshavardhan Reddy, K.	Modelling and additive manufacturing of a four stroke petrol engine using PLA material	2023	Materials Today: Proceedings						Article
1269	Kallam, S., Veerender, A., Shilpa, K., Reddy, K.R., Madhavi, K.R., Narasimharao, J.	The Adaptive Strategies Improving Design in Internet of Things	2023	Lecture Notes in Networks and Systems	612			691	699	Book Chapter
1270	Sunitha, G., Rani, B.S., Bhukya, S.N., Mohammad, H., Vittal, R.H.S.	Political Optimizer-Based Automated Machine Learning for Skin Lesion Data	2023	Lecture Notes in Networks and Systems	612			487	495	Book Chapter
1271	Leleedhar Rao, K., Jain, A., Rani, S.	Trio-lattice scheduling for effective resource utilisation of solar energy to cater plead irrigation	2023	International Journal of Ambient Energy	44	1		1796	1813	Article
1272	Rao, B.N.K., Ranjana, R., Challa, N.P., Chakravarthi, S.S., Vellingiri, J.	Object Sub-Categorization and Common Framework Method using Iterative AdaBoost for Rapid Detection of Multiple Objects	2023	Journal of Scientific and Industrial Research	82	2		185	191	Article
1273	Sharad, G., Nandedkar, V., Dharmalingam, G., Salunkhe, S., Tarigonda, H.	Effect of presence of holes locations and size on spring back in U bent components	2023	Materials Today: Proceedings						Article
1274	Hemalatha, A., Reddy, V.D., Hemachandra, S.	Development of empirical models and machinability comparison on wire electrical discharge machining of aluminium based hybrid and metal matrix composites	2023	International Journal on Interactive Design and Manufacturing						Article
1275	Manikandan, N., Thejasree, P., Lakshmi Narasimhamu, K., Krishnamachary, P.C.	Investigations on machinability and evolution of hybrid artificial intelligent tools for contemporary machining of nickel alloy	2023	Materials and Manufacturing Processes	38	12		1514	1530	Article
1276	T.Sudhakar, G Hari Krishnan, Sheeba Santhosh, S. Shiny Bleshina, J. Prem Kumar, Sindu Divakaran	Emotion based media play back system for autism disorder	2023	European Chemical Bulliten	Volume -12	Special Issue-4		2294	2300	Article
1277	Sheeba Santhosh, G Hari Krishnan, T. Sudhakar, T Devaraju, G Mohandass	Sensor-based continuous multiparameter monitoring and infusion syringe pump control system in real-time with internet of things	2023	European Chemical Bulliten	Volume -12	Special Issue-4		2301	2305	Article
1278	T.Penchalaiah, B.V.Sai Thrinath, Shivaji Bhukya, Muvva.Chilakamma, B.Meghya Nayak, P.R.Bamane	Enhancement of energy management system in ev fast charging stations fed microgrid using dvr	2023	European Chemical Bulliten	Volume -12	Special Issue-4		2176	2187	Article
1279	B.V. Sai Thrinath, B. Harish, P.S. Sathish, T V V N P S. Harshath, T. Manikanta, T. Ramakrishna	A smart culvert monitoring system using iot based technology for global applications	2023	European Chemical Bulliten	Volume -12	Special Issue-4		2188	2197	Article
1280	Nadavuluru Prasanna Venkatesh, I. Kumaraswamy, K. Bhargavi, Kalaganda Lahari, Jeerla Bhavana, Nandyala Nithin	Real time iot- based intelligent traffic management control system	2023	European Chemical Bulliten	Volume -12	Special Issue-4		2198	2204	Article
1281	I. Kumara Swamy, B. Baba Hussain	Modelling of multi-source based performance of hybrid electric vehicle	2023	European Chemical Bulliten	Volume -12	Special Issue-4		2219	2234	Article
1282	I. Kumaraswamy, V. V. Yashaswini, V. Anirudh, S. Vishnuteja Goud, K. Keerthana, V. Divyasree	Constant power generation using modified mppt&o in solar pv cell connected to grid system	2023	European Chemical Bulliten	Volume -12	Special Issue-4		2246	2252	Article
1283	Nikitha Chakala, Sugandhi Puvvadi, S. Varalaxmi and J. Neha Venkata Durga	Comparative Studies of Telmisartan Marketed Tablets	2023	World Journal of Pharmacy and Pharmaceutical Sciences	12	9		2477	2488	Article
1284	Prathima Chilukuri, J.R. Arun Kumar, R. Anusuya, M. Ramkumar Prabhu	Auto Encoders and Decoders Techniques of Convolutional Neural Network Approach for ImageDenoising In Deep Learning	2023	Community Practitioner	20	10		110	120	Article
1285	Narasimha Rao, B, Farooq Ahamed, S, Nelson Kumar, S, Gowtham Kumar Reddy, P, Hari Babu, R.	Enhancement of dissolution rate of Spironolactone by inclusion complex with β - cyclodextrin: formulation, characterisation, and evaluation	2023	Eur. Chem. Bull	12	1		349	362	Article
1286	R. N. Regitha, D. Murali, Purushottam R Laddha, Ramenani Hari Babu, Venkateswara Rao Jallepalli, Akshada D Khetre	Exploring the Impact of Temperature and Contact Time on Salvia Hispanica Seed Extraction Yield with Design Expert Software	2023	Journal of Advanced Zoology	44	s6		238	244	Article
1287	B.Vidya Sagar, K.Sai Priya, B. Kurmi Naidu, S. Sai Sagar, M. Shivakanth Reddy, M. S. Sujatha	Automatic fire control system in railways	2023	Journal of Pharmaceutical Negative Results	13	4		1036	1040	Article
1288	M.GuruMaheswara Reddy, M.S. Sujatha, NalisettyNikhila, M.Manohar, B.Vidya Sagar, Nimmanapalli Babu Reddy, Madapuram Anusha	Cyber security for scada systems in power systems	2023	Eur. Chem. Bull	Volume -12	Special Issue-4		2262	2267	Article

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1289	Dr.G.Dharmamoorthy, Dr.Mallikarjuna B.P, K.Sowmya, K.Sushmachowdary, P.Kavya, D.V.Saiprameela, C.Chandra Shekar	Bioanalytical method development and validation of a stability indicating rp-hplc method for estimation of bosentan in human plasma	2023	ActaBiomedica.	94	1		1577	1597	Article
1290	G. Dharmamoorthy, Shankar, Kirti Negi, Biplab Kumar Das, Deeksha Verma, Khuspe Pankaj Ramdas	Formulation and characterization of self microemulsifying drug delivery system of glyburide the poorly water-soluble drug	2023	European Chemical Bulletin	12	6		2257	2282	Article
1291	G. Dharmamoorthy, Mallikarjuna B.P, A.Sowjanya, A.sameera,Roshni	Polypills-A Systematic review	2023	European Chemical Bulletin	12	S14		14886	14897	Article
1292	Mohd Shahid Khan,Yogendra Mavai,G Dharmamoorthy, Lalchand Devhare	Pharmacological Evaluation Of Gloriosa Superba Linn Flower Extract For Antiulcer Activity	2023	Journal survey in fisheries sciences	10	2		463	470	Article
1293	G.Dharmamoorthy, K.Harshitha, S.Roopanvitha, Mallikarjuna.B.P, M.Venumadhavi	Bioanalytical Method Development and Validation of Stability Indicating LC-MS/MS Method to Determine Montelukast in Human Plasma.	2023	Journal of Population therapeutics & Clinical pharmacology	30	4		e617	e625	Article
1294	G.Dharmamoorthy, Dr.Mallikarjuna B.P, Sreehitha.C, K.Sowmya, B.Mahimaswaroopa	An overview on Nanobots and its applications.	2023	European Chemical Bulletin	12	S18		364	376	Article
1295	G. Dharmamoorthy, Dr. Mallikarjuna B. P, Dr. M. Pradeepkumar, K. Vignesh, B. Vishnuvardhan Reddy	A Systemic Review on Traditional Indian remedy 'miracle' fish medicine for asthma	2023	European Chemical Bulletin	12	S18		4236	4242	Article
1296	G. Dharmamoorthy, K. Saiteja, J. Keerthana, L. Dinesh Ajay, A. Ganesh, Anna Balaji	An Overview on High-Performance Thin-Layer Chromatography (HPTLC)	2023	Asian Journal of Pharmaceutics	17	3		17(1)5	17(1)11	Article
1297	G.Dharmamoorthy, S.Roopanvitha, K.Harshitha, Y.Krupananda, A.Tharunkumar, Mallikarjuna B.P, M.Pradeep	Stability Indicating Hptlc Method Forestimation Oflopinavirandritonavirinfixed-osecombinationtablets	2023	Journal of Population therapeutics & Clinical pharmacology	30	15		527	540	Article
1298	G.Dharmamoorthy, K.Harshitha, S.Roopanvitha, Mallikarjuna.B.P, M.Venumadhavi, R.Suseela, M.Pradeep	Bioanalytical Method Development and Validation of Stability Indicating Lc-MS/MS Method to Determine Montelukast in Human Plasma	2023	Journal of Population therapeutics & Clinical pharmacology	30	4		e617	e625	Article
1299	Duggirala Mahendra*, Neha Ronald William,Sapana M. Mattami, G. Dharmamoorthy	Development and Valliation of Stability Indicating Chromatographic Methods for Drugs Used in Bacterial Infection Diseases Applying Experimental Design	2023	Advanced journal of zoology	44	S5		928	934	Article
1300	G.Dharmamoorthy, T.Usha Rani, P.Shananaz, C.YagnaSri, K.Priyanka,S.K.Bushra, K.Sriakhya, Mallikarjuna B.P	A Comprehensive Reviewon Blockchain Technology in Healthcare System.	2023	Advanced journal of zoology	44	S2		216	227	Article
1301	Amit Chawla, Lalchand Devhare, G. Dharmamoorthy, Ritika, Sachin Tyagi	Synthesis and In-vivo Anticancer Evaluation of N-(4-oxo-2-((5-aryl-1,3,4 thiazazole-2yl) amino) Phenyl thiazolidine-3-yl) Benzamide derivative	2023	International journal of Pharmaceutical Quality Assurance.	14	3		470	474	Article
1302	Gnana R. Priya M, Lalchand D. Devhare, G. Dharmamoorthy, Mahendra V. Khairnar, R. Prasadha	Synthesis, Characterisation, Molecular Docking Studies and Biological Evaluation of Novel Benzothiazole Derivatives as EGFR Inhibitors for Anti-breast Cancer Agents	2023	International journal of Pharmaceutical Quality Assurance.	14	3		475	480	Article
1303	Anil K. Adimulapu, Lalchand D. Devhare, Anasuya Patil, Nilesh O. Chachda, G.Dharmamoorthy	Design and Development of Novel Mini Tablet Cap Technology for the Treatment of Cardiovascular Diseases	2023	International journal of Drug Delivery technology.	13	3		801	806	Article
1304	Aditya Vikram Jain, Preeti Yadav G. Dharmamoorthy	Current Trends, Modern Synthetic Approach, Sar and Biological Activities of Benzimidazole Derivatives	2023	Community Practioner	20	9		6	21	Article
1305	Anasuya. Patil Patil, Nabamita Basu Basu, Senthil Prabhu Rajendran Rajendran, G. Dharmamoorthy, Pavankumar Krosuri Krosuri,	Formulation Development and Evaluation of Mucoadhesive Patch for Diabetes Using Plant Based Polysaccharides	2023	Remittances Review	8	4		929	937	Article
1306	G. Dharmamoorthy, B. P. Mallikarjuna, U. Sneha, C. Bhavani, V. Sailaja, P.Mouika, N. Yamini, N. Lohith	Stability Indicating HPTLC Method for Estimation of Tenofovir Disoproxil Fumarate in Bulk and Tablet Dosage Form	2023	Asian Journal of Pharmaceutics	17	3		572	579	Article
1307	Lalchand D Devhare, Dipti Bipin Ruikar, G.Dharmamoorthy	Assessment of Hepatoprotective Potential of Ecbolium Linneanum Extract on Experimental Animals	2023	Journal of Coastal Life Medicine	11	2		884	890	Article
1308	Yamjala Ganesh Kumar, G. Dharmamoorthy, Lalchand D Devhare, Sachinkumar D	Toxicity Profile Study of Antihypertensive Drug Prazosin in Pregnant Wistar Rats	2023	Journal of advanced zoology.	44	S6		64	71	Article
1309	Khan M.A.; Thejasree P.; Natarajan M.; Narasimhamu K.L.	Application of a hybrid Taguchi grey approach for determining the optimal parameters on wire electrical discharge machining of Ti6Al4V	2023	International Journal on Interactive Design and Manufacturing		DOI: 10.1007/s12008-023-01440-3				Article
1310	Darshan J.C., Muhammed Ameen M.P.and Dharmamoorthy G.	Psoriasis: A Comprehensive Review of Diagnosis and Treatment	2023	International Journal of Zoological investigations	9	S3		36	46	Article
1311	P.Dharani Prasad	In-Vitro Cytotoxicity Activity of Sorgum Vulgare against Human Lung Cancer Cell Line	2023	Acta Biomedica	94	2		1	5	Article

S.No.	Authors	Title	Year	Source title	Volume	Issue	Art. No.	Page start	Page end	Document Type
1312	P.Dharani Prasad	Assessment of Symptomatic Improvement in Benign Prostatic Hyperplasia Patients before and After Silodosin and Dutasteride Combination Therapy Using International Prostate Symptom Score	2023	Acta Biomedica	94	2		1	7	Article
1313	P.Dharani Prasad	Case Report of a 27-year-old Patient with Hair Dye Poisoning Causing Acute Kidney Injury	2023	Journal of Forensic Science and Medicine	9	2		1	3	Article
1314	P.Dharani Prasad	A brief review of pathophysiology & management of different types of arthritis	2023	European Chemical Bulletin	12	12		199	230	Article
1315	P.Dharani Prasad	Evaluation of Hydroethanolic Extract of Grewia Hirsuta Vahl for In-Vivo Adaptogenic Potentials	2023	Remittances Review	8	4		961	971	Article
1316	P.Dharani Prasad	An Overview on Attention Deficit Hyperactivity Disorder (ADHD)	2023	European Chemical Bulletin	12	8		7140	7162	Article
1317	P.Dharani Prasad	Polyherbal tablet: formulation, evaluation, and antidiabetic activity of ethanolic extract of leaves of T.portulacastrum and A. marmelos	2023	Community Practitioner	20	10		73	81	Article
1318	P.Dharani Prasad	Anti-Urolithiatic Activity of Cassia Auriculata Ethanolic Seed Extract in Wistar Rats	2023	Journal of Advanced Zoology	44	S1		929	935	Article
1319	P.Dharani Prasad	Facts and Treatment of Bullous Pemphigoid: A Review	2023	Journal of Advanced Zoology	44	S3		805	810	Article
1320	P.Dharani Prasad	Performance Analysis In Vitro Method of Antimicrobial Activity in Different Commercial Antibiotics	2023	Journal of Advanced Zoology	44	S3		860	867	Article
1321	P.Dharani Prasad	Neurocognitive and neuroprotective potential of Mimulus elengi in mice model of scopolamine induced amnesia	2023	Drug Discovery	17	39		1	9	Article
1322	P.Dharani Prasad	A Review of Phyllanthus emblica: Anti-inflammatory and Anti-oxidant effect	2023	Uttar Pradesh journal of Zoology	44	6		23	32	Article
1323	P.Dharani Prasad	Drug Induced Hepatotoxicity Cases in some Tertiary Care Hospitals of AP,India:A Retrospective study	2023	Uttar Pradesh journal of Zoology	44	7		9	15	Article
1324	P.Dharani Prasad	A Review on Covid Omicron XXB 1.5 Variant	2023	Journal of creative research thoughts.	11	1		950	967	Article
1325	Geetha P, Satyam	Self-operating Foot Massage Kit For Diabetic-2 Patients	2023	international journal of pharmacy review and research	13	1		1	8	Article
1326	P.Dharani Prasad	A Review of Hypermobile Ehlers-Danlos Syndrome	2023	Asian Journal of Pharmaceutics	17	3		375	382	Article
1327	P.Dharani Prasad	Review: A Perspective Use and Misuse of Antibiotics	2023	Asian Journal of Pharmaceutics	17	3		383	391	Article
1328	V.Hari	Studies on the effects of Adansonia Digitata Lin's fruits on diabetes	2023	2023 3rd International conference on Artificial Intelligence and Signal Processing (AISP) (IEEE)						Conference Paper
1329	V.Hari	Dignostic tools for prostate cancer	2023	European Chemical Bulletin	12	10		11325	11340	Article
1330	V.Hari	Five-Membered Heterocyclic Compound: Design, Synthesis, Development, and Characterization of A Substituted Derivative	2023	communty practitioner	20	12		110	120	Article
1331	K. Thamizvanan	Formulation and Evaluation of Tramadol Films	2023	Bulletin of environment, Pharmacology and life sciences						Article
1332	K. Thamizvanan	Evaluation of invitro Antioxidant and Anticancer activities of Bauhinia Purpurea Leaves	2023	Pakistan heart journal	56	3		31	38	Article
1333	S. Varalakshmi	Polyherbal tablet: Formualtion, Evaluation and anti -diabetic activity of ethanolic extract le leaves of T.Portulacastrum and A. marmelos	2023	Community practioner	20	10		73	81	Article
1334	S. Varalakshmi	An investigation into development and testing of herbal Acne Gel Containing Vigna radiata and Aloe barbadensis	2023	International Journal of Zoological Investigations	9	2		1179	1187	Article
1335	C. Divya	In-Vitro Evidences for the formulation Development and Evaluation of Budesonide oral Nano- Sponges	2023	Journal of advanced Zoology	44	4		28	39	Article
1336	C. Divya	Formulation and Evaluation of Amlodipine co crystals by Crystal Engineering Approach and study of their Physicochemical properties	2023	Journal of Newzealand Herpetology	12	4		1	15	Article
1337	S. Prasanthi	Formulation and evaluation of Antibacterial mouth wash	2023	Bulletin of environment, Pharmacology and life sciences						Article
1338	S. Prasanthi	Curret trends, Modern synthetic approach SAR and Biological activities of Benimidazole derivatives	2023	Community practioner	20	9		6	12	Article

S.No.	Authors	Title	Year	Source title	Volume	Issue	Art. No.	Page start	Page end	Document Type
1339	S. Prasanthi	Methods for extraction of cellulose from biowaste of Banana Plant and Applications: A review	2023	Asian Journal of Pharmaceutics	44	3		620	626	Article
1340	S. Prasanthi	Evaluation of herbal extracts of Momordica Charantia and Fenugreek Seeds for Management of diabetes	2023	Journal of advanced Zoology	13	4		1	7	Article
1341	S. Prasanthi	Development and Evaluation of emulgel formulation of Diclofenac Sodium Utilizing Lipidium Sativum as Gelling Agent	2023	International Journal of Drug Delivery Technology	13	4		1235	1239	Article
1342	S. Prasanthi	formulation and evaluation of Novel Antibacterial Tooth Powder	2023	Asian Journal of Pharmaceutics	17	4		827	832	Article
1343	S. Prasanthi	Cancer therapy with Platinum Nanoparticles: A systemic Review	2023	Journal of Cardiovascular Disease Research	14	8		1637	1655	Article
1344	M.S. Srikanth	Development and validation of stability indicating method for determination of prucalopride in tablet Dosage form by RP HPLC	2023	Community practioner	20	9		519	526	Article
1345	M.S. Srikanth	A pharmacological evaluation of ethanol extract of alpinia calcarata rhizome for anti-oxidant, anti-inflammatory and anti-asthmatic properties	2023	Journal of Advanced Zoology	44	S-1		917	928	Article
1346	M. Keerthi	Phytochemical Screening and combined invitro anti - microbial and anti oxidant studies of various extracts of vinca Ixora Coccinea	2023	Pakistan heart Journal	56	2		999	1010	Article
1347	M. Keerthi	Fabrication, Characterization and assessment of Polymeric Nanoparticles as a Nanomedicine approach of paclitaxel Delivery for enhanced cancer treatment	2023	Journal of advanced Zoology	44	2		3065	3078	Article
1348	V. Shanmugam	Formulation development and evaluation of thermo responsive Biogels: Nose to brain Approach	2023	Journal of Chemical Health Risks	13	3		839	844	Article
1349	V. Shanmugam	Role of Nutraceuticals in treatment and prevention of cancer	2023	European Chemical Bulletin	12	1		1125	1149	Article
1350	V. Shanmugam	Exploring Psoriasis in the modern context: Pathogenic Insights, Clinical profiles and Herbal Dietary Solutions20	2023	Journal of Zoological Investigations	9	2		1327	1337	Article
1351	V. Shanmugam	Stability Indicating Assay method Development and Validation of Amlodipine Besylate in Bulk and tablet Dosage form by UV Spectroscopy and RP-HPLC	2023	Journal of Chemical Health Risks	13	3		1397	1404	Article
1352	Vema Kiran	Study of the anticonvulsant effects of aconitum heterophyllum root extract	2023	Journal of Chemical Health Risks	12	1		126	135	Article
1353	Vema Kiran	Development characterization and study of topical gel containing a Non - selective COX inhibitor: Exploring ketorolac potential	2023	European Chemical Bulletin	12	4		20503	20521	Article
1354	S.Shyam Sundar	Impact of Employee Engagement on organization's Productivity	2023	Eur. Chem. Bull	12	8		1464	1470	Article
1355	G.Yamuna	Emphasis on Health Insurance in India-Pre and Post-COVID-19 Syndrome	2023	BioGecko	12	3		6081	6095	Article
1356	D.Sudarsana Murthy	A study on participation of Celebrity affect travel? For social Media Promotion	2023	Eur. Chem. Bull	12	56		1	14	Article
1357	T Chandrasekhar Yadav	An Assessment of Potential Appraisal on Software Industries in Hyderabad	2023	Eur. Chem. Bull	12	56		29	39	Article
1358	T Chandrasekhar Yadav	The potential of the leader to perform in contemporary issues and challenges in human resource management	2023	SEYBOLD Seybold Publications	18	7		250	266	Article
1359	G.Yamuna	Reskilling and upskilling be game changers for the future-ready workforce: university education 4.0	2023	Eur. Chem. Bull	12	6		82	89	Article
1360	S. Chandra Sekhar	Marketing and Distribution Channels for Fisheries and Aquaculture Products in India	2023	Journal of Survey in Fisheries Sciences	10	(3S)		3095	3105	Article
1361	S. Chandra Sekhar	An Overview of Cyber Security in Digital Banking Sector	2023	East Asian Journal of Multidisciplinary Research	2	1		43	52	Article
1362	Mr.S.Chandra Sekhar	Pharmaceutical Product Life Cycle Management Strategies in the Contemporary scenario	2023	Journal of Pharmaceutical CCCNegative Results	14	3		512	516	Article
1363	S.Chandra Sekhar, Suneetha Achanta, S S Prasada Rao, Gangineni Dhananjay	Informational Technology for Managerial Applications	2023	Alpha International Publication (AIP)						Book Chapter

S.No.	Authors	Title	Year	Source title	Volume	Issue	Art. No.	Page start	Page end	Document Type
1364	Sheeba Santhosh, G Hari Krishnan, T. Sudhakar, T Devaraju, G Mohandass	Sensor-Based Continuous Multi parameter Monitoring and Infusion Syringe Pump Control System in Real-Time with Internet of Things	2023	Eur. Chem. Bull.	12	Special Issue-4		2268	2278	Article
1365	Madamameri Ramya and T.Devaraju	An Overview of Islanding Detection using Intelligent and signal processing Techniques	2023	Eur. Chem. Bull.	12	Special Issue-4		2301	2305	Article
1366	Cheruku Bujji Babu, G Hari Krishnan	Classification Of Multi-Spectral Images Using Deep Learning: A Review	2023	European Chemical Bulletin	12	Special Issue-4		2279	2287	Article
1367	T. Sudhakar, G Hari Krishnan, Sheeba Santhosh, S. Shiny Bleshina, J. Prem Kumar, Sindu Divakaran	Emotion Based Media Playback System For Autism Disorder	2023	European Chemical Bulletin	12	Special Issue-4		2294	2300	Article
1368	Thejasree P.; Natarajan M.	Applications of hybrid artificial intelligence tool in wire electro discharge machining of 7075 aluminium alloy	2023	International Journal on Interactive Design and Manufacturing		DOI: 10.1007/s12008-023-01315-7				Article
1369	Venkata Sudhakar, et al.	Real-time Aircraft Detection Using RESNET-50	2023	Electrical and Automation Engineering	2	1		89	96	Article
1370	Krishnan, G. H., I Kumaraswamy, I. K., Umashankar, G., T Sudhakar, T. S., E V, J., Kavitha S, K. S., & Sandhya J, S. J.	IoT-Based Automated Saline Drip and Hand Movement Detection	2023	Biosciences Biotechnology Research Asia	19	4		955	962	Article
1371	R. Leelavathy, M. Sowmya Vani , Prof. P. Lavanya3 , B. Srinivasa kumar	A Comparison of The Swede Score and Reid's Colposcopic Index Score in Women with Suspected Cervical Cancer	2023	Eur. Chem. Bull.	12	1		143	149	Article
1372	Dr.K. Baskar, Sonal Banchhor, Dr. Hemadri Prasad Raju, Yukti Sharma, Ravi Goutam, M. Vadivel	Performance of Fiber Reinforced Polymers in Concrete for Sustainable Construction Industry	2023	Eur. Chem. Bull.	12	8		4970	4981	Article
1373	Suresh, K., Parimalasundar, E.	ITBC Controlled IPWM for Solar Based Wide Range Voltage Conversion System	2023	IETE Journal of Research		DOI: 10.1080/03772063.2023.2217788				Article
1374	Nune Divya	The hybrid DWT-DCT-PCA algorithm for medical applications	2023	Journal of Clinical Otorhinolaryngology, Head, and Neck Surgery	27	1		387	396	Article
1375	T V S Gowtham Prasad	LOCKER SECURITY SYSTEM WITH VOICE AND IMAGE AUTHENTICATION	2023	NeuroQuantology	20	7		54	64	Article
1376	C.Venkata Sudhakar	Multi-Descriptor Enabled Leaf Disease Detection Using Machine Learning Methods	2023	International Conference on Communication and Electronics Systems ICCES 2023						Conference Paper
1377	C. Venkata Sudhakar	Mapping and Change Assessment of Captive Limestone Mining Areas Using Landsat-5/8 Images	2023	Emerging Science Innovation	1	1				Article
1378	B. Hari Chandana	Design of 1X2 dual-band quasi-yagi Antenna	2023	Semiconductor Optoelectronics	41	11		860	865	Article
1379	N.P.Dharani K S Tamilselvan, Sharmila A	Embedded Technology based Automatic Agriculture Assistance System for Indian Farmers	2023	Indian Journal of Natural Sciences	13	73		52185	52193	Article
1380	Hirald Dwaraka Praveena A.Rajani, Paluri Bharthi	Automatic recognition of lung tumor using convolutional neural networks	2023	Cardiometry	26			303	308	Article



MOHAN BABU UNIVERSITY

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(Act No: 3 of 2016 & 40 of 2023)

Annexure - 16.d

Information about the Number of Books Published

S.No.	Department	Authors Name	Book Title	Publishers Details	ISBN
1	EEE	Dr. P.Umapathi Reddy	Power Quality	ICAP Publisher	978-81-964739-5-2
2	EEE	Dr.S.Farook	Electrical Machines	Scientific International Publishing House	978-93-5757-286-6
3	EEE	Dr.V.Arun	Renewable Energy	Scientific International Publishing House	978-93-5757-270-5
4	EEE	Dr.N.M.G.Kumar	Power Quality Engineering	Scientific International Publishing House	978-93-5625-498-5
5	EEE	Dr.G.Harikrishnan	Internet of Things Enabling Technologies and Use Cases	Scientific International Publishing House	978-93-5757-332-0
6	EEE	Dr.S.Prabhu	Propulsion Motors	RLE publishers	979-82-1512-731-5
7	EEE	Mr.B.V.Sai Thrinath	Testing of Materials	Notion Press	979-88-8869-231-8
8	EEE	Dr.I.Kumaraswamy	Analog Electronics Circuits	Notion Press	979-88-8833-861-2
9	EEE	Dr.V.Arun	Measurement and Instrumentation	Scientific International Publishing House	978-93-5625-400-8
10	Data Science	Dr. K. RAMANI	ARTIFICIAL INTELLIGENT AND MACHINE LEARNING	SRI KRISHNA HITECH PUBLISHING COMPANY CHENNAI	978-81-19432-25-7
11	Data Science	Dr.C.SIVAKUMAR	THEROY OF COMPUTATION	SRI KRISHNA HITECH PUBLISHING COMPANY CHENNAI	978-81-19432-26-4
12	Data Science	Ms. Ch. Prathima	DATABASE MANAGEMENT SYSTEMS	SRI KRISHNA HITECH PUBLISHING COMPANY CHENNAI	978-81-19432-27-1
13	Data Science	Ms. C. Silpa	Computer Networks	Book Rivers	978-93-5515-679-2
14	Data Science	Ms. C. Silpa	Web Technologies	Book Rivers	978-93-5515-746-1
15	Data Science	Dr. K.K. Baseer	Machine Learning Mastery	Xoffencer International Book Publication House	978-81-1934-124-2
16	Data Science	Dr. C. Siva Kumar and Dr. P. Dhana	PROBLEEN SOLVING AND PYTHON PROGRAMMING	PROFESSIONAL PUBLISHER	978-07-6887-990-7
17	Data Science	Dr. C. Anitha	Data and information Security	Scientific international publication	976-93-5625-319-3
18	Data Science	Dr. C. Anitha	Skill Development Initiatives in Entrepreneurship StartUp in India',	Weser Books Publication, Germany	396-49-2398-418-2
19	Data Science	Mr. P. YOGENDRA PRASAD Mr. M. Ramu and Mr. S. Shiva Prakash	Programming in C	PROFESSIONAL PBLISHER	978-93-8075-794-0
20	CSE	Dr. Cuddapah Anitha	Introduction to Cryptocurrency and Cyber Security	Al[ha Internations Publications	978-93-5762-085-7

S.No.	Department	Authors Name	Book Title	Publishers Details	ISBN
21	CSE	Dr. D. Ganesh	Data Structures and Algorithms	Indo-Continental Academic Publishers	978-81-960146-3-6
22	CSE	Mr. Kurakula Arun Kumar	IIoT Design Principles and Application Domains	GCS Publishers	978-93-94304-75-8
23	CSE	A. Basi Reddy	A Modern Communication in Artificial Intelligence	Charulatha Publishers	978-93-5577-826-0
24	CSE	A. Basi Reddy	Introduction to cyber prevention and cyber Physical system	Scientific International Publishcation	978-93-5757-327-6
25	AI&ML	Dr.J.Avanija	Innovations in the Industrial Internet of Things(IIoT) and Smart Security	IGI Global	978-17-9983-375-8
26	AI&ML	Mr.Gokul Pran	Operating Systems	Notion Press	979-86-8704-242-8
27	AI&ML	Dr.D.Ganesh	Eefective Solutions for Cross Layer Attacks in Cognitive Radio Network	LAMBERT	978-62-0474-875-7
28	AI&ML	Mr.P.Dayakar	Internet of Things	LAMBERT	978-62-0475-179-5
29	AI&ML	Dr.G.Sunitha	Outcome Based Education	Notion	979-88-8684-173-2
30	AI&ML	Dr.C.S.Sushama	Neural Networks	South Asian Academic Publications	978-93-9215-303-7
31	AI&ML	Dr.B.Narendra Kumar Rao	Intelligent Computing and Applications	Springer	978-981-19-4162-7
32	AI&ML	Dr.K.Reddy Madhavi	Abstracts of Proceedings National Conference on Knowledge, Innovations, and Technologies for Sustainability	GCS PUBLISHERS	9789-394-30-499-4
33	AI&ML	Mr.Gokul Pran	PROBLEM SOLVING AND PYTHON PROGRAMMING	Genre	9798-889-35-580-9
34	AI&ML	Dr.G.Sunitha	The Abstracts of Proceedings of NCKITS-2023	INDO-CONTINENTAL ACADEMIC PUBLISHERS	978-81-960146-7-4
35	CA	Mr. S. Girinath	Industry Oriented Advanced Salesforce Applications Vol.2	INDO-CONTINENTAL ACADEMIC Publishers	978-81-963033-9-6
36	CA	Dr. M. Sisrith Kumar	Python Programming	GCS Publishers	978-81-961769-3-8
37	CA	Dr. A. Joythi Babu	Building Modern Web Apps using AWS & UI Path	INDO-CONTINENTAL ACADEMIC Publishers	978-81-963533-2-2
38	CA	Mrs. Lingala Sivaranjani	Artificial Intelligence	Charulatha Publications	978-93-5577-684-6
39	CA	Ms. Malepati sowmya Vani	Industry Oriented Advanced Salesforce Applications Vol.1	INDO-CONTINENTAL ACADEMIC Publishers	978-81-963033-8-9
40	CA	Ms. Peddinti Neeraja	Hands on Machine Learning Artificial Intelligence for cyber Security	INDO-CONTINENTAL ACADEMIC Publishers	978-81-963533-0-8
41	Pharmacognosy	Dr. Janapati Pedda YAnadaiah	Pharmacology learn at a glance	Sai Dheekshitha Publications	978-93-5812-901-4
42	Pharmacognosy	Dr. Lakshman Kumar Dogiparthi	Computer-aided Drug Development	Integrated Publications	978-93-5834-023-5
43	Pharmacology	Dr.P.Dharani Prasad	Pharmacology III	Dotcom Publications	979-83-8634-284-5
44	Pharmaceutics	Dr. V.Shanmgam	Text book of Pharmaceutics-I	Shaswat ublications	978-81-1990-825-7

S.No.	Department	Authors Name	Book Title	Publishers Details	ISBN
45	ECE	Dr. V. Vijaya Kishore, Mr. L. Lakshmi P. Kumar, Dr. Madhusudhana Barusu, Mrs. M. Jayalakshmi	Electronic Circuits-1	SIP International Publishers	978-93-5625-187-8
46	ECE	DR.K S CHAKRADHAR	RF and Microwave Engineering	Scientific International Publishing House	978-93-5625-196-0
47	ECE	DR.K S CHAKRADHAR	Fundamentals of Digital Electronics	GCS Publishers	978-73-9430-463-5
48	ECE	DR.K.S CHAKRADHAR	Op.Amps and Linear ICS	Scientific International Publishing House	978-93-5625-233-2
49	ECE	N Ashok Kumar, A Kavitha, P Venkatramana, Durgesh Nandan	VLSI Architecture for Signal, Speech, and Image Processing	Apple Academic Press	978-10-0056-510-2
50	ECE	N Ashok Kumar, S Vishnu Priyan, P Venkatramana, Durgesh Nandan	VLSI Architecture for Signal, Speech, and Image Processing	Apple Academic Press	978-10-0056-510-2
51	ECE	Dr.M.Dharani, Dr.G.Sreenivasulu	Machine Learning Algorithms	Lambert	978-62-0614-218-8
52	ECE	Dr. N Padmaja, Dr. Ch D V Subba Rao, M. Bharathi	Introduction to IoT	Indo Continental Academic Publishers	978-81-9601-464-3
53	ECE	Dr.P.Geetha,Katta Sudha and Hiral Dwaraka Praveena	Nanoelectronics Devices: Design, Materials, and Applications (Part 2)	Bentham Books	978-98-1517-936-1
54	ECE	Dr.P.Geetha,S.Satheesh Kumar, Harikarthik S K, Raghvendra Singh, VMM.Thilak	Handbook of research in Big data Analytics, Artificial Intelligence and Machine Learning	aetsjournals	978-93-5782-920-5
55	ECE	DR K S CHAKRADHAR	Digital Signal processing	Indo-Continental Academic Publishers	978-81-9647-399-0
56	ECE	Ashok Vajravelu, N Ashok Kumar, Swagata Sarkar, Sheshang Degadwala	Wireless Networks: Cyber Security Threats and Countermeasures	Springer International Publishing	978-3-031-33631-7
57	ECE	Durga Prasad Srirangam, K Hemalatha, Ashok Vajravelu, N Ashok Kumar	Wireless Networks: Cyber Security Threats and Countermeasures	Springer International Publishing	978-3-031-33631-7
58	ECE	Ashok Kumar Nagarajan, Kavitha Thandapani, K Neelima, M Bharathi, Dhamodharan Srinivasan, SathishKumar Selvaperumal	Neuromorphic Computing Systems for Industry 4.0	IGI Global	978-1-6684-6596-7
59	ECE	Dhamodharan Srinivasan, M SenthilPandian, Prabhakaran Paulraj, N Ashokkumar, K Hariharan, Maneesh Vijay VI, T Raghuram	Neuromorphic Computing Systems for Industry 4.0	IGI Global	978-1-6684-6596-7
60	ECE	Dr. p. Vijayakumar, Dr. A. V. Bharadwaja, Mr. Madhu G. C, Mr. M. Karthikeyan	Cryptography, Network Security, Cyber-Law	SCIENTIFIC INTERNATIONAL PUBLISHING HOUSE	978-93-5625-121-2

S.No.	Department	Authors Name	Book Title	Publishers Details	ISBN
61	ECE	Dr. N. Gireesh, Mr. Lakkakula Hari Prasad, Dr. Badugu Suresh, Dr. S. Sugumarar	Signals and Systems	SCIENTIFIC INTERNATIONAL PUBLISHING HOUSE	978-93-5757-217-0
62	Freshman	Dr.V. Ananthan, Dr. Prasanth R. Dhongle, Dr. Brijesh Kumar, Dr. K.Kumaraswamy Naidu	Partial Differential Equations	RK Publications	978-81-19140-75-6
63	Freshman	Dr. Banitamani Mallik, Dr. K. Anuradha, Dr. K. Nandagopal , Dr. N. Srimannarayana	Linear Algebra and Statistical Methods for Engineers	Infinite Research	978-81-965364-0-4
64	Freshman	Dr. Nikale V.M, Pranita Desale, Dr. P. Nareshkumar Reddy , Dr. S.Shashi Devi	Fundamentals of Nanoscience	RK Publications	978-81-961938-0-5
65	Freshman	C.Bheemappa, Dr C. Raghavendra Reddy	Unique Deity	Self published	978-93-5346-781-4
66	Freshman	Dr.C. Raghavendra Reddy, Manisha Mistry, Mahesh Shinde, B.Reddy Prasad	Communicative English	Vijayam Publications	978-93-90427-27-7
67	Freshman	Dr. M. Prabhavathy, Mrs. Sandhya Jalgar, Dr. Charles Lekhya Priya , Ms. Rama Saini, Mr. Amit Kumar Behara	Solid Waste Management	Phoenix International Publications	978-93-5842-711-0
68	Freshman	Dr. M. Ravichand, Dr. P. Tamilarasan, G. Akil Raj, Dr. J. Ahamed, Dr. J. Ahamed Meeran	Communication Skills	Good Writers Publishing	978-93-5756-002-3
69	Freshman	Dr. M. Ravichand, Dr. Ram Subbaiah, Dr. Ch. Lakshmana Rao, Dr. Tasneem Kausar H. Khan	Universal Human Values and Professional Ethics	Book Rivers	978-93-5515-980-9

Details of Patents Filed & Published:

INTELLECTUAL PROPERTY RIGHTS DETAILS
(PATENTS – 2022 and 2023)

S. No.	Department	Title	Name of The Inventor(S)	Name of The Applicant(S)	Date of Filing (dd-mm-yyyy)	Date of Published (dd-mm-yyyy)	Application / Reference No.	Current Status (Filed/Published/ Under Examination/Grant/ Etc)
1.	Patent (EEE)	Power Grid Failure Detection Based On Voltgae And Frequency Variance Detection	1. Dr.I.Kumara Swamy 2. Dr.T.Devaraju	Sree Vidyanikethan Engineering College	13-09-2022	14-10-2022	202241052370	Awaiting Request For Examination
2.	Patent (ME)	Earo Smart Ear Phones (Esephones)	1. Mr. B. Sumanth Kumar 2. Dr. Mrs. P. Thejasree 3. Dr. N. Manikandan 4. Mr. B. Nagesh	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-12-2022	30-12-2022	202241072544 (Cbr No. 51026)	Filed And Published
3.	Patent (ME)	More Than One Convex Lens Based Dynamic Tracking Sun Light Energy Efficient Solar System	1. Dr. T. Hariprasad 2. Dr. R.L.Krupakara 3. Dr. G. Vidyasagar Reddy 4. Dr. R. Satya Meher 5. Mr. Raghu Rami Reddy 6. Ms. K. Lakshmi Kala 7. Mr. K. Harsha Vardhan Reddy	1. Sree Vidyanikethan Engineering College 2. Dr. T. Hariprasad 3. Dr. R. L. Krupakara 4. Dr. G. Vidyasagar Reddy 5. Dr. R. Satya Meher 6. Mr. Raghu Rami Reddy 7. Ms. K. Lakshmi Kala 8. Mr. K. Harsha Vardhan Reddy	01-11-2022	18-11-2022	202241062236 a	

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4.	Patent (ME)	Design And Manufacture Of Manual Electrode Coating Machine For Smallscale Arc Welding Electrode Manufacture	1. P. Thejasree 2. Dr. N. Manikandan 3. Dr. K. Lakshmi Narasimhamu	1. Sree Vidyanikethan Engineering College 2. P. Thejasree 3. Dr. N. Manikandan 4. Dr. K. Lakshmi Narasimhamu	19-08-2022	16-09-2022	202241047390 A	Filed And Published
5.	Patent (ME)	A Bio Solar Cell Based System For Efficient Harvesting Of Solar Energy	1. Dr. Surendra Kumar Yadav 2. R Vinoth Kumar 3. D Deivasigamani 4. Dr.P.Pramila 5. Rashmi Suresh Bakhtiani 6. Dr.N.Murugalatha 7. D Balasubramanyam 8. Dr. K. Venkata Subba Reddy 9. Dr. Rajeev Raghuvanshi 10. Dr. A Gnana Sagaya Raj 11. Ravindrakumar Hanmant Yadav 12. Sumit Kumar	1. Dr. Surendra Kumar Yadav 2. R Vinoth Kumar 3. D Deivasigamani 4. Dr.P.Pramila 5. Rashmi Suresh Bakhtiani 6. Dr.N.Murugalatha 7. D Balasubramanyam 8. Dr. K. Venkata Subba Reddy 9. Dr. Rajeev Raghuvanshi 10. Dr. A Gnana Sagaya Raj 11. Ravindrakumar Hanmant Yadav 12. Sumit Kumar	25-03-2022	08-04-2022	202211017050 A	Filed And Published
6.	Patent (ME)	Wsn And Deep Learning (DI) Based Wind-Turbine Planetary Gearbox	1. Prof. Natesh C P 2. Prof. Madhukumar K 3. Prof. Santhosh Kumar T C	1. Prof. Natesh C P 2. Prof. Madhukumar K 3. Prof. Santhosh Kumar T C	25-03-2022	01-04-2022	202241017103 A	Filed And Published

S. No.	Department	Title	Name of The Inventor(S)	Name of The Applicant(S)	Date of Filing (dd-mm-yyyy)	Date of Published (dd-mm-yyyy)	Application / Reference No.	Current Status (Filed/Published/ Under Examination/Grant/ Etc)
		Condition Monitoring System	4. Dr Godwin Glivin 5. Dr A Gnana Sagaya Raj 6. Mr. S.Baskaran 7. K Kirubakaran	4. Dr Godwin Glivin 5. Dr A Gnana Sagaya Raj 6. Mr. S.Baskaran 7. K Kirubakaran				
7.	Patent (ME)	Paddy Dryer	1. Mr. J. Mohammed Azharudeen 2. Dr.Tan Koon Tatt 3. Mr. Gopalan Gomathi Sankar 4. Dr.G.Pitchayya Pillai 5. Dr.U.Arunachalam 6. Dr. Ramesh Raju 7. Dr.S.Nagarajan 8. Dr.Sivaraj Murugan 9. Dr.Sivakumar Paramasivam 10. Dr. Muthuraman Subbiah 11. Mr. J.Vairamuthu 12. Dr.R.Kamalakaran	1. Dr.R.Kamalakaran 2. Mr. J.Vairamuthu 3. Dr. Muthuraman Subbiah 4. Dr.Sivakumar Paramasivam 5. Dr.Sivaraj Murugan 6. Dr.S.Nagarajan 7. Dr. Ramesh Raju 8. Dr.U.Arunachalam 9. Dr.G.Pitchayya Pillai 10.Mr. Gopalan Gomathi Sankar 11. Dr.Tan Koon Tatt 12. Mr. J. Mohammed Azharudeen	28-02-2022	11-03-2022	202241010530	Filed And Published
8.	Patent (ECE)	An Android Based Iot Enabled Smart Mask Assembly And Working Method Thereof	1. Dr. A. Yasmine Begum Mr. M. Balaji	Sree Vidyanikethan Engineering College	29-09-2022	14-10-2022	202241055979	Filed And Published
9.	Patent (EIE)	An Intelligent Monkey Menace Alert System	1. Dr. A. Yasmine Begum 2. Mr. M. Balaji 3. Dr. M. S. Sujatha 4. Ms. C. V. Neha Niharika 5. Mr. K. Mothish Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	09-12-2022	30-12-2022	202241071228 (Cbr No. 50052)	Filed And Published

S. No.	Department	Title	Name of The Inventor(S)	Name of The Applicant(S)	Date of Filing (dd-mm-yyyy)	Date of Published (dd-mm-yyyy)	Application / Reference No.	Current Status (Filed/Published/ Under Examination/Grant/ Etc)
10.	Patent (ECE)	A Wearable lot Device For Child Safety	1. Mr. Madhu G.C 2. Dr. P. Geetha 3. Dr. N. Ashok Kumar 4. Ms.V.Kalpna 5. Ms. Sri Midusha 6. Mr. D. Bhanu Prakash 7. Ms. Chandana Sree 8. Mr. D. Nithish 9. Mr. D. Naveen Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	09-12-2022	30-12-2022	202241071272 (Cbr No. 50082)	Filed And Published
11.	Patent (ECE)	Environment And Earthlings Hazard Freewild Animal Repellent	1. P Venkatramana 2. Shaik Javid Basha 3. Batta Chandana 4. C Santhosh Kumar 5. D Rakesh Sai Reddy 6. D Tony 7. E Pavan	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	09-12-2022	16-12-2022	202241071282 (Cbr No. 50085)	Filed And Published
12.	Patent (ECE)	lot And Deep Learning Based Automatic Smart Parking System In Driverless Cars By Efficient Detection Of Obstacles To Avoid Accidents In Highly Populated Metropolitan Cities	1 . S.Jayalakshmi 2 . Dr K Venkata Subramanian 3 . G Srihari 4 . Dr Ganesh K 5 . Badria Sulaiman Alfurhood 6 . Dheepthi R 7 . Dr. Meka Anuradha 8 . Dr.Elavarasan G	1 . S.Jayalakshmi 2 . Dr K Venkata Subramanian 3 . G Srihari 4 . Dr Ganesh K 5 . Badria Sulaiman Alfurhood 6 . Dheepthi R 7 . Dr. Meka Anuradha 8 . Dr.Elavarasan G	18-11-2022	25-11-2022	202241066324	Filed And Published
13.	Patent (ECE)	Artificial Intelligence Techniques For Green lot	1 . Dr Keyurkumar M Nayak 2 . M. Bharathi 3 . Archana Patil 4 . Rajendran Sobha Ajin	1 . Dr Keyurkumar M Nayak 2 . M. Bharathi 3 . Archana Patil 4 . Rajendran Sobha Ajin	07-10-2022	14-10-2022	202221057370	Filed And Published

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14.	Patent (ECE)	Smart Sensor Based On Hill Arearoad Maintenance In Winter Using The Internet Of Thing	1 . Dr. Sumanth V 2 . Dr. Manjunath R 3 . Mr. Mohammed Rahmat Ali 4 . Ms. Sahana D Gowda 5 . Prof. Sujay Deshpande 6 . Dr. Mundluru Dharani 7 . Dr. Sumithamanoj 8 . Mrs. Loganayagi S 9 . Dr. Sharad Timaji Tajane 10 . Mr. Sandeep B 11 . Dr. Disha K. Rank	1 . Dr. Sumanth V 2 . Dr. Manjunath R 3 . Mr. Mohammed Rahmat Ali 4 . Ms. Sahana D Gowda 5 . Prof. Sujay Deshpande 6 . Dr. Mundluru Dharani 7 . Dr. Sumithamanoj 8 . Mrs. Loganayagi S 9 . Dr. Sharad Timaji Tajane 10 . Mr. Sandeep B 11 . Dr. Disha K. Rank	16-10-2022	28-10-2022	202241059660	
15.	Patent (ECE)	Diagnosing Brain Damages Detection Over The Consciousness Using Machine Learning Approach	1. Mr.Satyam 2. Dr.K.Sampath Kumar 3. S.Saravanakumar 4. Dr.V.Dinesh Kumar 5. Dr.S.Selvi 6. Dr.M.Gobi 7. Harishchander Anandaram 8. Dr.T.J.Nagalakshmi 9. Dr.R.Thiagarajan	1. Mr.Satyam 2. Dr.K.Sampath Kumar 3. S.Saravanakumar 4. Dr.V.Dinesh Kumar 5. Dr.S.Selvi 6. Dr.M.Gobi 7. Harishchander Anandaram 8. Dr.T.J.Nagalakshmi 9. Dr.R.Thiagarajan	23-05-2022	03-06-2022	202241013923	Filed And Published
16.	Patent (ECE)	Artificial Intelligence And Machine Learning Based Plant Leaf Disease Classification For Crop Yield	1 . Dr. N. Shanmugapriya 2 . Mrs. R. Dhivya 3 . Dr. Manish Raghunathrao Deshpande 4 . Mrs. Koyya Sreelatha 5 . Mr. Hemendra Pathak 6 . Mr. Abhishek Sharma 7 . Mrs. Madhuri Vikas Mane	1 . Dr. N. Shanmugapriya 2 . Mrs. R. Dhivya 3 . Dr. Manish Raghunathrao Deshpande 4 . Mrs. Koyya Sreelatha 5 . Mr. Hemendra Pathak 6 . Mr. Abhishek Sharma	15-03-2022	25-03-2022	202241013923	Filed And Published

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			8. Ms. Neelima K 9. Mr. Satyam 10. Mr.Neeruganti Vikram Teja	7 . Mrs. Madhuri Vikas Mane 8. Ms. Neelima K 9. Mr. Satyam 10. Mr.Neeruganti Vikram Teja				
17.	Patent (ECE)	Crime Risk Forecasting Using Ai-Based Programming	1. Dr. T. V. V. Satyanarayana 2. Mrs. V Kalpana 3. Mr. G Hemanth Kumar 4. Mr. C Somasundar Reddy 5. Dr. V Vijaya Kishore 6. Mr. M. Venkatanaresh	Sree Vidyanikethan Engineering College	09-02-2022	25-02-2022	202241006900	Filed And Published
18.	Patent (EIE)	A User-Friendly Intelligent Robot Vacuum Cleaning Device	1. Dr. Y. Dileep Kumar 2. Mr. Anil Kumar N 3. Mrs. N P Dharani 4. Mrs. N Harathi 5. Mr. C. Ravindra Murthy 6. Mr. C. Somasundar Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering college)	13-12-2022	30-12-2022	202241071797 (Cbr No. 50437)	Filed And Published
19.	Patent (EIE)	lot Based Smart Material For Ev Segment Using Wire Electrical Discharge Machining Thereof	1.Dr.J.Jayapriya 2.J.Thirunavukkarasu 3.D.Rajalakshmi 4.S.Rajeswari 5.R.Prabavathi 6.Kavinilavu A 7.Dr.Y.Dileep Kumar 8.Anil Kumar N 9.Dr.M.Praveen Kumar 10.G Vamsi Krishna 11.S.V.Rajesh Kumar 12.A.Mahesh Reddy	1. Dr.J.Jayapriya 2. J.Thirunavukkarasu 3. D.Rajalakshmi 4. S.Rajeswari 5. R.Prabavathi 6. Kavinilavu A 7. Dr.Y.Dileep Kumar 8. Anil Kumar N 9. Dr.M.Praveen Kumar 10. G Vamsi Krishna 11. S.V.Rajesh Kumar 12. A.Mahesh Reddy	08-02-2022	11-02-2022	202241006784	Filed And Published

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20.	Patent (IT)	Narrowband Internet Of Things Based Low-Cost Andlow-Power Consumption Data Processing Method	1. Mr. B. Joseph 2. Dr. Kamalapuram Khaja Baseer	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	12-12-2022	30-12-2022	202241071468 (Cbr No. 50202)	Filed And Published
21.	Patent (IT)	A Smart App For Visually Impaired People To Detect Objects	1. Mr. P. Bhasha 2. Dr. K. Ramani	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	16-12-2022	30-12-2022	202241072741 (Cbr No. 51184)	Filed And Published
22.	Patent (IT)	An Intelligent Building Elevator System And A Method Of Operating The System	1. Dr. M. Jahir Pasha 2. Ms. K. Swetha 3. Mr. C. Ishaq Shareef 4. Mr. R. Anil Kumar 5. Mr. Jeribanda Mohan Kumar	1. Sree Vidyanikethan Engineering College 2. Dr. Kamalapuram Khaja Baseer 3. Dr. Kasarapu Ramani 4. Dr. M. Jahir Pasha 5. Ms. K. Swetha 6. Mr. C. Ishaq Shareef 7. Mr. R. Anil Kumar 8. Mr. Jeribanda Mohan Kumar	01.06.2022	17.06.2022	202241031308	Application Awaiting Examination
23.	Patent (IT)	A Machine Learning-Based Hybrid Intrusion Detection System For Detecting The Cyber-Physical Attacks	1. Dr. V. Jyothsna 2. Ms. E. Sandhya 3. Ms. C. Silpa 4. Ms. Ch. Prathima 5. Mr. G. M. Chanakya 6. Mr. P. Bhasha 7. Mr. Ch. Sreenu Babu	Sree Vidyanikethan Engineering College	23-05-2022	17-06-2022	202241029619	Application Awaiting Examination
24.	Patent (CSSE)	Real Time Intelligent Surveillance Systems For Aged People Fall	1. Dr. B. Rajalingam 2. Dr. P.Santosh Kumar 3. Dr. R. Santhosh Kumar	1. Dr. B. Rajalingam 2. Dr. P.Santosh Kumar 3. Dr. R. Santhosh Kumar	29-04-2022	13-05-2022	202241025101	Awaiting Request For Examination

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		Detection	4. Dr.N.Nithiyanandam 5. Ms. Priyadharshini 6. Dr. E. Sophiya 7. Mr. P. Deepen 8. Dr. N. Satheesh 9. Dr. G. Jawaherlalnehru	4. Dr.N.Nithiyanandam 5. Ms. Priyadharshini 6. Dr. E. Sophiya 7. Mr. P. Deepen 8. Dr. N. Satheesh 9. Dr. G. Jawaherlalnehru				
25.	Patent (CSSE)	A Histogram Statistic Extension System And Gradient Filtering Method For Upgrading Infrared Picture Quality	1. Mr.A.Sampath Dakshina Murthy 2. Dr.Ramesh Kumar Yadav 3. Mr.S.Sivanantham 4. Mrs.B.Ujwala 5. Dr. Md Javeed Ahammed 6. Mrs.A.Durga Bhavani 7. Mr.Shajahan Patan 8. Dr.M.Dinesh Dhamodhar 9. Dr.Animesh Kumar Sharma 10. Mr.Sudheer Babu Punuri	1. Mr.A.Sampath Dakshina Murthy 2. Dr.Ramesh Kumar Yadav 3. Mr.S.Sivanantham 4. Mrs.B.Ujwala 5. Dr. Md Javeed Ahammed 6. Mrs.A.Durga Bhavani 7. Mr.Shajahan Patan 8. Dr.M.Dinesh Dhamodhar 9. Dr.Animesh Kumar Sharma 10. Mr.Sudheer Babu Punuri 11.	16-08-2022	16-09-2022	202241046630	Filed And Published
26.	Patent (EIE)	Artificial Intelligence-Based Computer Users Classification Using Keystroke Dynamics Data	1) Mrs. K. Durga Bhavani 2) Mr. Om Prakash Singh 3) Dr. P. Mahizharuvi 4) Mr. Bal Krishna Saraswat 5) Mr. K. M. N. Chaitanya Kumar Reddy 6) Santwana Gudadhe 7) Shruti Chaudhari 8) Mr. Sai Sundara Sriramam Yadavalli	1) Mrs. K. Durga Bhavani 2) Mr. Om Prakash Singh 3) Dr. P. Mahizharuvi 4) Mr. Bal Krishna Saraswat 5) Mr. K. M. N. Chaitanya Kumar Reddy 6) Santwana Gudadhe 7) Shruti Chaudhari 8) Mr. Sai Sundara Sriramam Yadavalli	27.04.2022	13.05.2022	202241024832a	Awaiting For Examination

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27.	Patent (CSSE)	A System Based On Network Aware Application Dependent Adaptive Protocol Selection For Iot Communications	1. Mrs.Kancherla Santoshi 2. Dr.Venkatesh B 3. Mr.S.Sivanantham 4. Ms.V.Akshaya 5. Ms.Salma Begum 6. Dr. K. Prabhu Chandran 7. Dr.Gogineni Rajesh Chandra 8. Dr.A.Kishore Reddy 9. Dr.K.Gurnadha Gupta 10. Dr.S.Sathappan	1. Mrs.Kancherla Santoshi 2. Dr.Venkatesh B 3. Mr.S.Sivanantham 4. Ms.V.Akshaya 5. Ms.Salma Begum 6. Dr. K. Prabhu Chandran 7. Dr.Gogineni Rajesh Chandra 8. Dr.A.Kishore Reddy 9. Dr.K.Gurnadha Gupta 10. Dr.S.Sathappan	06-09-2022	16-09-2022	202241050948	Filed And Published
28.	Patent (CSSE)	High Sensitive Iot Nano Sensor For Data Acquisition And Processing	1. Dr. C. Sivakumar 2. Dr. Cuddapah Anitha 3. Mr. S. Shivaprakash 4. Dr. J. Jasmine 5. Dr. N. Yuvaraj 6. Mr. R. Arshath Raja 7. Mr. J. Logeshwaran	1. Dr. C. Sivakumar 2. Dr. Cuddapah Anitha 3. Mr. S. Shivaprakash 4. Dr. J. Jasmine 5. Dr. N. Yuvaraj 6. Mr. R. Arshath Raja 7. Mr. J. Logeshwaran	03-04-2022	06-05-2022	202241022698	Awaiting Request For Examination
29.	Patent (GEBH)	The Effects On The Financial And Economic Status Of The Country In Covid Pandemic & Its Damages On Human Health	1. Dr.Ravi Kumar T 2. Dr Bhupendra Kumar 3. Dr. Murugan N 4. Dr.Suhashini J 5. Ms. T Kusuma 6. Dr. S. Saravanan 7. Dr Brijesh Sathian	1. Dr.Ravi Kumar T 2. Dr Bhupendra Kumar 3. Dr. Murugan N 4. Dr.Suhashini J 5. Ms. T Kusuma 6. Dr. S. Saravanan 7. Dr Brijesh Sathian	14-03-2022	25-03-2022	202241013748	
30.	Patent (CSE)	Iot Based Omicron Emergedin A Covid - 19 Testing Booth Enabled With Thermal Image Detection Of Visitor	1. Bipasa Patra 2. Dr.Shshi Bhushan 3. Venkata Naga Rani Bandaru 4. Dr.Monoj Kumar S B 5. Divyashree R.H	1. Bipasa Patra 2. Dr.Shshi Bhushan 3. Venkata Naga Rani Bandaru 4. Dr.Monoj Kumar S B 5. Divyashree R.H	03-01-2022	25-02-2022	202221000262	Filed And Published

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			6. K.Kalaivani	6. K.Kalaivani				
31.	Patent (IT)	IoT And ML Based Plant Disease Detection And Classification Using Image-Processing	1. Dr. S. Krishna Kumari 2. Dr.J.R.Arunkumar 3. Neeraj Rohilla 4. Dr. Munishwar Rai 5. Mrs.K.E. Lakshmiprabha 6. Dr. Mandeep Kaur Sandhu 7. Dr.S.Ramesh	1. Dr. S. Krishna Kumari 2. Dr.J.R.Arunkumar 3. Neeraj Rohilla 4. Dr. Munishwar Rai 5. Mrs.K.E. Lakshmiprabha 6. Dr. Mandeep Kaur Sandhu 7. Dr.S.Ramesh	04.02.2022	11.02.2022	202241006146	Awaiting Request For Examination
32.	Patent (CSSE)	Agry-Drone: A Dynamic Web Based Drone Driven Crop Yield Estimation Model For Agriculture Farms	1. Dr. P. Dhanalakshmi 2. Mr. E. Gokulakannan 3. Mr.S.Rajkumar 4. Dr. J. Sathya Priya 5. Dr. A. Delphin Carolina Rani 6. Dr.K.Venkatraman 7. Dr.S. Saraswathi 8. Dr. Chockalingam Singaravelu 9. Dr. S.Manikandan 10. Prof K.Kalaivani 11. Prof. P.Anandraj 12. Prof. S.Palani Murugan	1. Dr. P. Dhanalakshmi 2. Mr. E. Gokulakannan 3. Mr.S.Rajkumar 4. Dr. J. Sathya Priya 5. Dr. A. Delphin Carolina Rani 6. Dr.K.Venkatraman 7. Dr.S. Saraswathi 8. Dr. Chockalingam Singaravelu 9. Dr. S.Manikandan 10. Prof K.Kalaivani 11. Prof. P.Anandraj 12. Prof. S.Palani Murugan	11-01-2022	28-01-2022	202241001415	Awaiting Request For Examination
33.	Patent (CSSE)	A Smart Wearable Jacket With Heating And Cooling For Tracking Health And Fitness	1. Mr. P. Parjanya Reddy 2. Mr. M. Ramu 3. Mr. P. Yogendra Prasad 4. Mr. S. Siva Prakash	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-12-2022	30-12-2022	202241072730 (Cbr No. 51166)	Filed And Published

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34.	Patent (GEBH)	Development Of Educational Systems Using A Block Chain-Based Model	1. Dr. M. Ravichand 2. Aditi Chauha 3. Virendra Kumar Verma 4. Dr Uttam Vedu Nile 5. Shashi Punam 6. Dr Rupesh Ramesh Deore 7. Dr Amol Rameshwarrao Bhitar 8. Dr Sandip Subhash Bhavsar 9. Sanjeev Kumar 10. Deo Karan Ram 11. Ankit Jain 12. Ms Priyanka Aggarwal	1. Dr. M. Ravichand 2. Aditi Chauha 3. Virendra Kumar Verma 4. Dr Uttam Vedu Nile 5. Shashi Punam 6. Dr Rupesh Ramesh Deore 7. Dr Amol Rameshwarrao Bhitar 8. Dr Sandip Subhash Bhavsar 9. Sanjeev Kumar 10. Deo Karan Ram 11. Ankit Jain 12. Ms Priyanka Aggarwal	25-05-2022	10-06-2022	202211030106	Awaiting Request For Examination
35.	Patent (GEBH)	System To Show The Importance Of A Block Chain-Based Model For Creating New Educational Systems	1. Dr. M. Ravichand 2. Dr. Ashvine Kumar 3. Dr. Hitendra Shukla 4. Tushar Vyas 5. Dr. Sabera Begum 6. Brijesh Kumar Verma 7. Dr. Peeyush Vats 8. Deepak Chhapparwal 9. Dr. Rajesh B. Survase 10. Gaikwad Anil Pandurang 11. Dr. Deo Karan Ram	1. Dr. M. Ravichand 2. Dr. Ashvine Kumar 3. Dr. Hitendra Shukla 4. Tushar Vyas 5. Dr. Sabera Begum 6. Brijesh Kumar Verma 7. Dr. Peeyush Vats 8. Deepak Chhapparwal 9. Dr. Rajesh B. Survase 10. Gaikwad Anil Pandurang 11. Dr. Deo Karan Ram	01-09-2022	09-09-2022	202241049899	Awaiting Request For Examination
36.	Patent (GEBH)	Ai (Artificial Intelligence): Anemerging Perspective In Englishlanguage	1. Dr. K. Gayathri 2. Dr. K. Sujatha 3. Kiranmai P 4. Mrs. S. Archana 5. B R Lakshmi	1. Dr. K. Gayathri 2. Dr. K. Sujatha 3. Kiranmai P 4. Mrs. S. Archana 5. B R Lakshmi	02-12-2022	09-12-2022	202241069766	Awaiting Request For Examination

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		Learning And Teaching	6. Dr. S. Ammani 7. Dr. A. Shobha Rani 8. Mula Mary Madhavi 9. Rajeswari Surisetty 10. M. Ravichand	6. Dr. S. Ammani 7. Dr. A. Shobha Rani 8. Mula Mary Madhavi 9. Rajeswari Surisetty 10. M. Ravichand				
37.	Patent (ECE)	Method For Converting A Three-Dimensional Lidar Dataset To A Projection Shape, And A Multi-Channel Two-Dimensional Image For Performing Segmentation	1. Dr R Arravind 2. Dr. R.S. Jayaram 3. Mr. Satyam 4. Prof Sanjeev Kumar Trivedi 5. Mr.S.Suresh 6. Aabha Sahu 7. Mr. B. Kannadasan 8. Dr Atowar UI Islam 9. Mr. Anurag Sinha 10. Laxmi Mishra 11. Mr. L. Karthick	1. Dr R Arravind 2. Dr. R.S. Jayaram 3. Mr. Satyam 4. Prof Sanjeev Kumar Trivedi 5. Mr.S.Suresh 6. Aabha Sahu 7. Mr. B. Kannadasan 8. Dr Atowar UI Islam 9. Mr. Anurag Sinha 10. Laxmi Mishra 11. Mr. L. Karthick	25/12/2022	13/01/2023	202241075293	Awaiting Request For Examination
38.	Patent (ECE)	A Wearable Pregnancy Monitoring Apparatus To Collect Physiological Parameters	1. Dr. G Vimala Kumari 2. Ms. Lenka Swathi 3. Prof. Jagdeesh Kumar Ega 4. Dr. A. Punitha 5. K.Subhashini 6. Ms. Karra Maheswari 7. Dr. J. Tamil Selvi 8. Dr.S.Sugumaran 9. Mrs. Yojana Yadav 10. Dr. Robin George 11. Dr. Shankar B B 12. Dr. Ata Kishore Kumar	1. Dr. G Vimala Kumari 2. Ms. Lenka Swathi 3. Prof. Jagdeesh Kumar Ega 4. Dr. A. Punitha 5. K.Subhashini 6. Ms. Karra Maheswari 7. Dr. J. Tamil Selvi 8. Dr.S.Sugumaran 9. Mrs. Yojana Yadav 10. Dr. Robin George 11. Dr. Shankar B B 12. Dr. Ata Kishore Kumar	12/11/2022	18/11/2022	202241064840	Awaiting Request For Examination

S. No.	Department	Title	Name of The Inventor(S)	Name of The Applicant(S)	Date of Filing (dd-mm-yyyy)	Date of Published (dd-mm-yyyy)	Application / Reference No.	Current Status (Filed/Published/ Under Examination/Grant/ Etc)
39.	Patent (ECE)	Machine Learning And Artificial Intelligence Techniques For Intrusion Detection In Network	1. Mr. H.M. Moyeenudin 2. Mr. Mohammed Afzal 3. Mr. Mohammed Rahmat Ali 4. Mrs. Meenakshi Gupta 5. Dr. Pathan Ahmed Khan 6. Dr. Justin Sophia. I 7. Ms. Palla Sravani 8. Mr. Sandeep B 9. Dr. T Sivakami 10. Dr. Ata Kishore Kumar 11. Dr. Shankar B B	1. Mr. H.M. Moyeenudin 2. Mr. Mohammed Afzal 3. Mr. Mohammed Rahmat Ali 4. Mrs. Meenakshi Gupta 5. Dr. Pathan Ahmed Khan 6. Dr. Justin Sophia. I 7. Ms. Palla Sravani 8. Mr. Sandeep B 9. Dr. T Sivakami 10. Dr. Ata Kishore Kumar 11. Dr. Shankar B B	12/11/2022	18/11/2022	202241064841	Awaiting Request For Examination
40.	Patent (ME)	Design And Implementation Of A Smart Network Using Lora For Measuring Environment Parameters	1. Dr. P. G. Kuppusamy 2. Dr. R. L .Krupakaran 3. Dr. C. Priya 4. Dr. Gomalavalli. R 5. G. Priyanka 6. P. Saranya 7. D. R. Lakshmi 8. Dr. P. Ratna Kamala 9. K. Sravan Kumar 10. J. Rajanikanth	1. Dr. P. G. Kuppusamy 2. Dr. R. L .Krupakaran 3. Dr. C. Priya 4. Dr. Gomalavalli. R 5. G. Priyanka 6. P. Saranya 7. D. R. Lakshmi 8. Dr. P. Ratna Kamala 9. K. Sravan Kumar 10. J. Rajanikanth	17/11/2022	25/11/2022	202241065883	Awaiting Request For Examination
41.	Patent (GEBH)	Bleeding Recognition Technique In Wireless Capsule Endoscopy Images Using Fuzzy Logic And Principal Component Analysis	1. Dr. Pawan Kumar 2. Dr. M. Thangaraj 3. B Ranjitha 4. Sakshi Taresh Khanna 5. Dr. Neeraj Kumar Sharma 6. Dr. Ghanshyam Vatsa 7. Dr. C. Kavitha 8. Dr. S. Jackson	1. Dr. Pawan Kumar 2. Dr. M. Thangaraj 3. B Ranjitha 4. Sakshi Taresh Khanna 5. Dr. Neeraj Kumar Sharma 6. Dr. Ghanshyam Vatsa 7. Dr. C. Kavitha 8. Dr. S. Jackson	05/12/2022	30/12/2022	202211070169	Awaiting Request For Examination

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			9. Ms. Eshwari Nagesh Mundas 10. Mr. Anupendra Singh 11. Ms. K. Leelarani 12. Ms. S. Shopika	9. Ms. Eshwari Nagesh Mundas 10. Mr. Anupendra Singh 11. Ms. K. Leelarani 12. Ms. S. Shopika				
42.	Patent (CE)	The Longitudinal Resonance Properties Of A Tapered Structure Over Unilaterally Layered Soil	1. Dr.R.Sandhya Rani, 2. Dr. M Chittaranjan, 3. G.Srinvas, 4. Dr K Narasimhulu, 5. T Jahnavi, 6. T Sai Krishna,	1. Dr.R.Sandhya Rani, 2. Dr. M Chittaranjan, 3. G.Srinvas, 4. Dr K Narasimhulu, 5. T Jahnavi, 6. T Sai Krishna	17/12/2022	30/12/2022	202241073322	Awaiting Request For Examination
43.	Patent (CSE)	Embedded Ip Camera And Machine Learning Technology Based Patient Health Monitoring System	1. Dudaka Suma 2. Mr. Muntimadugu Vijaya Kanth 3. Dr. S. Radha Krishna 4. Kurakula Arun Kumar 5. Dr. T. Kumaresan 6. M Sampoorna 7. J S Radhika 8. Dr. S. Sathappan	1. Dudaka Suma 2. Mr. Muntimadugu Vijaya Kanth 3. Dr. S. Radha Krishna 4. Kurakula Arun Kumar 5. Dr. T. Kumaresan 6. M Sampoorna 7. J S Radhika 8. Dr. S. Sathappan	18/10/2022	28/10/2022	202241059442	Awaiting Request For Examination
44.	Patent (ECE)	An Iot Enabled System For Breast Cancer Detection Using Image Processing	1. Dr. M J Anand 2. Dr. Rahul Gedam 3. Dr.Kavitha Pingili 4. Mrs. Farzana Parveen B A 5. Mr. Mohammed Rahmat Ali 6. Dr. Pathan Ahmed Khan 7. Dr. Mohammed Jameel Hashmi 8. Mr. Santhosh B J	1. Dr. M J Anand 2. Dr. Rahul Gedam 3. Dr.Kavitha Pingili 4. Mrs. Farzana Parveen B A 5. Mr. Mohammed Rahmat Ali 6. Dr. Pathan Ahmed Khan 7. Dr. Mohammed Jameel Hashmi	21/09/2022	30/09/2022	202241053918	Awaiting Request For Examination

S. No.	Department	Title	Name of The Inventor(S)	Name of The Applicant(S)	Date of Filing (dd-mm-yyyy)	Date of Published (dd-mm-yyyy)	Application / Reference No.	Current Status (Filed/Published/ Under Examination/Grant/ Etc)
			9. Mr. Poorna Chandra Reddy Alla 10 . Dr. Mundluru Dharani	8. Mr. Santhosh B J 9. Mr. Poorna Chandra Reddy Alla 10 . Dr. Mundluru Dharani				
45.	Patent (GEBH)	Impact Of Advertisements In India On Network Service Sales Promotion And Customer Satisfaction	1 . Prof. Chhaya Patel 2 . Dr. Nisha Singh 3 . Dr.Madhavi G M 4 . Dr. G. Ayyanar 5 . Dr. Rajesh Deb Barman 6 . Dr.Ekta Dargan 7 . Ms Shifali Ahuja 8 . Dr. D. Deepa 9 . Ms. Suneetha K.S 10 . Ms. Radha T 11 . Dr. K.Sivaperumal 12 . Dr. Harikumar Pallathadka	1 . Prof. Chhaya Patel 2 . Dr. Nisha Singh 3 . Dr.Madhavi G M 4 . Dr. G. Ayyanar 5 . Dr. Rajesh Deb Barman 6 . Dr.Ekta Dargan 7 . Ms Shifali Ahuja 8 . Dr. D. Deepa 9 . Ms. Suneetha K.S 10 . Ms. Radha T 11 . Dr. K.Sivaperumal 12 . Dr. Harikumar Pallathadka	12/09/2022	28/10/2022	202221052041	Awaiting Request For Examination
46.	Patent (GEBH)	A System And Method For Secure Remote Communication Using Wsn Based On Blockchain Technology	1 . Dr. K. A. Ajmath 2 . Dr. Dilip Kumar Sharma 3 . Sameer Kumar Das 4 . Ms. Lijarani Jena 5 . Dr Radeep Krishna R 6 . M A Praveen 7 . Dr. Deo Karan Ram 8 . Dr. K. Arulanandam 9 . Mr. Kannadasan B 10 . Dr. Hari Kumar Singh 11 . Mr.D.Vikneshkumar	1 . Dr. K. A. Ajmath 2 . Dr. Dilip Kumar Sharma 3 . Sameer Kumar Das 4 . Ms. Lijarani Jena 5 . Dr Radeep Krishna R 6 . M A Praveen 7 . Dr. Deo Karan Ram 8 . Dr. K. Arulanandam 9 . Mr. Kannadasan B 10 . Dr. Hari Kumar Singh 11 . Mr.D.Vikneshkumar	02/09/2022	16/09/2022	202241050360	Awaiting Request For Examination
47.	Patent (GEBH)	Attributional Thoughts Of	1 . K.Chandrasekhar, 2 . Dr.Vsv Laxmi Ramana, 3 . Dr. R. Devarajulu Reddy,	1 . K.Chandrasekhar, 2 . Dr.Vsv Laxmi Ramana, 3 . Dr. R. Devarajulu Reddy,	30/08/2022	16/09/2022	202241049647	Awaiting Request For

S. No.	Department	Title	Name of The Inventor(S)	Name of The Applicant(S)	Date of Filing (dd-mm-yyyy)	Date of Published (dd-mm-yyyy)	Application / Reference No.	Current Status (Filed/Published/ Under Examination/Grant/ Etc)
		English Teaching Master's Pupils On The Reading Performance	4 . Dr.Babi Duli, 5 . Dr. Nagendra Kottacheruvu, 6 . Dr.Y.V.Sudha Devi, 7 . Dr. P. Veerraghava, 8 . N Babu Rao 9 . M.N.Sreedhar,	4 . Dr.Babi Duli, 5 . Dr. Nagendra Kottacheruvu, 6 . Dr.Y.V.Sudha Devi, 7 . Dr. P. Veerraghava, 8 . N Babu Rao 9 . M.N.Sreedhar,				Examination
48.	Patent (CSE)	Smart City Power Management System Using 5g Technology	1 . Dr.Y.Krishna Priya 2 . Mr. Chengappa M R 3 . Mrs. P.Deepa 4 . Mrs.M.Vijayasanthi 5 . Dr. Arindam Ghosh 6 . Mr. S.Jaya Chandra	1 . Dr.Y.Krishna Priya 2 . Mr. Chengappa M R 3 . Mrs. P.Deepa 4 . Mrs.M.Vijayasanthi 5 . Dr. Arindam Ghosh 6 . Mr. S.Jaya Chandra	12/04/2022	13/05/2022	202241021684	Awaiting Request For Examination
49.	Patent (CSE)	An Artificial Intelligence Based Integrated Iot Healthcare System For Cancer Care And Method Thereof	1 . Dr.Endluri Venkata Naga Jyothi 2 . Ms.M.Kranthi 3 . Dr.Vishalagoud.S.Patil 4 . Dr.B.Satyanarayana 5 . Dr.B.Hari Chandana 6 . Dr.B.Sridhar 7 . Dr.Amarendranath Choudhury 8 . Mr.V.R.Narasimharao Mondreti 9 . Dr.M.Sunil Kumar 10 . Dr.Kazi Kutubuddin Sayyad Liyakat	1 . Dr.Endluri Venkata Naga Jyothi 2 . Ms.M.Kranthi 3 . Dr.Vishalagoud.S.Patil 4 . Dr.B.Satyanarayana 5 . Dr.B.Hari Chandana 6 . Dr.B.Sridhar 7 . Dr.Amarendranath Choudhury 8 . Mr.V.R.Narasimharao Mondreti 9 . Dr.M.Sunil Kumar 10 . Dr.Kazi Kutubuddin Sayyad Liyakat	17/04/2022	13/05/2022	202241022606	Awaiting Request For Examination
50.	Patent (EEE)	Nano Coating Of Super Capacitor On Car To Support Recharging Of Ev	1 . Dr.B.Siranthini 2 . Dr. N M G Kumar 3 . Sarveshwar Kasarla 4 . Dr.A.Parthiban	1 . Dr.B.Siranthini 2 . Dr. N M G Kumar 3 . Sarveshwar Kasarla 4 . Dr.A.Parthiban	08/05/2022	27/05/2022	202241026584	Awaiting Request For Examination

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		Vehicles On The Run Efficiently	5 . Naveen Rana 6 . Sumit Kataria 7 . Nikhil Rastogi 8 . Yogendra Kumar 9 . Dr.S.Bharathidasan 10 . Pawan Suresh Kachave 11 . Anuja Manikrao Mopari 12 . Prashant Baburao Kharat	5 . Naveen Rana 6 . Sumit Kataria 7 . Nikhil Rastogi 8 . Yogendra Kumar 9 .Dr.S.Bharathidasan 10. Pawan Suresh Kachave 11. Anuja Manikrao Mopari 12. Prashant Baburao Kharat				on
51.	Patent (EEE)	Eco-Friendly And Cost-Effective Panels For Smart Grids From Spatiotemporal Optimization Of Charging E-Vehicles	1. Dr. N M G Kumar 2. Mr. Gokul Ram Thangamani 3. Mrs. K. Yamuna 4. Ms. A.Vasanthi 5. Dr. M.Vijayakumar 6. Mr. V.M. Jothiprakash	1. Dr. N M G Kumar 2. Mr. Gokul Ram Thangamani 3 Mrs. K. Yamuna 4. Ms. A.Vasanthi 5. Dr. M.Vijayakumar 6 . Mr. V.M. Jothiprakash	28/05/2022	03/06/2022	202241030671	Awaiting Request For Examination
52.	Patent (CSE)	Internet Of Things (Iot), Ai, Wsn Based Electronic-Shopping Cart System Using Machine Language Algorithms	1. Dr.S.Selvakani 2. Mrs. K Vasumathi 3. Dr.S.Sathappan 4. Dr Aswini.J 5. Dr. Jayanta Chakraborti 6. Dr. Algubelly Yashwanth Reddy 7. Dr. Shantanu Pandurang Kanade 8. Dr. Shweta Rani 9. Dr. Md Ilyas 10. Mr. Vishal Warikoo 11. Mr.Raja Raju 12. Dr.Reshma V.K	1. Dr.S.Selvakani 2. Mrs. K Vasumathi 3. Dr.S.Sathappan 4. Dr Aswini.J 5. Dr. Jayanta Chakraborti 6. Dr. Algubelly Yashwanth Reddy 7. Dr. Shantanu Pandurang Kanade 8. Dr. Shweta Rani 9. Dr. Md Ilyas 10 . Mr. Vishal Warikoo 11 . Mr.Raja Raju 12 . Dr.Reshma V.K	06/04/2022	22/04/2022	202241020760	Awaiting Request For Examination

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53.	Patent (CSE)	Waste Plastic And Kitchen Convert Into An Energy.	1. Ksrm College Of Engineering(A) 2. C Aruna 3. J. Navya Charitha 4. Dr. M V Rathnamma 5. Dr. V Venkata Ramana 6. Dr. N. Amaranatha Reddy 7. Dr. I. Srinivasula Reddy 8. Dr. A.V.Sriharsha 9. Ms. Kuraku Nirmala	1. Ksrm College Of Engineering(A) 2. C Aruna 3. J. Navya Charitha 4. Dr. M V Rathnamma 5. Dr. V Venkata Ramana 6. Dr. N. Amaranatha Reddy 7. Dr. I. Srinivasula Reddy 8. Dr. A.V.Sriharsha 9. Ms. Kuraku Nirmala	24/03/2022	08/04/2022	202241016690	Awaiting Request For Examination
54.	Patent (CSE)	A Machine Learning Based System For Providing A Biomedical User Interface	1. Dr.M.V.P.Chandra Sekhara Rao 2. Dr. Ch. Sudha Sree 3. Dr.Mukta Jagdish 4. Dr.Sirisati Ranga Swamy 5. Dr.M.Sunil Kumar 6. Mr.Ravi Soni 7. Dr.Raghavender K.V 8. Dr. Phani Praveen Surapaneni 9. Mrs.S.Sindhura 10. Dr.Pambala Nageswara Rao	1. Dr.M.V.P.Chandra Sekhara Rao 2. Dr. Ch. Sudha Sree 3. Dr.Mukta Jagdish 4. Dr.Sirisati Ranga Swamy 5. Dr.M.Sunil Kumar 6. Mr.Ravi Soni 7. Dr.Raghavender K.V 8. Dr. Phani Praveen Surapaneni 9. Mrs.S.Sindhura 10. Dr.Pambala Nageswara Rao	02/03/2022	11/03/2022	202241011172	Awaiting Request For Examination
55.	Patent (CSE)	Monitoring And Alerting Of Illegal Deforestation Using Internet Of Things And Drones	1. Dr.K.Kannan 2. Dr. Vaishali Wadhe 3. Dr.V.Dinesh Kumar 4. I. Jeya Daisy 5. V.Manimekalai 6. Dr.R.Thiagarajan 7. Dr.R.Chithra 8. Dr.D.Beulah David	1. Dr.K.Kannan 2. Dr. Vaishali Wadhe 3. Dr.V.Dinesh Kumar 4. I. Jeya Daisy 5. V.Manimekalai 6. Dr.R.Thiagarajan 7. Dr.R.Chithra 8. Dr.D.Beulah David	28/02/2022	11/03/2022	202241010623	Awaiting Request For Examination

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			9. Dr.Sheshang Degadwala	9 . Dr.Sheshang Degadwala				
56.	Patent (EEE)	Economic And Environmental Controls For Smart Grids From Spatiotemporal Optimization Of Electric Vehicle Charging	1. Dr. N M G Kumar 2. Dr. S.Sivaganesan 3. Mr. T.Sathesh Kumar 4. Er. M.Gunasekaran 5. Dr. Umavathi M 6. Dr. A.Purushothaman 7. Mr. A.Abdul Hayum 8. Mr. A.Vidhyasekar 9. Dr. Ajay Singh Yadav 10. Dr. R. Venkatasubramanian	1 . Dr. N M G Kumar 2 . Dr. S.Sivaganesan 3 . Mr. T.Sathesh Kumar 4 . Er. M.Gunasekaran 5 . Dr. Umavathi M 6 . Dr. A.Purushothaman 7 . Mr. A.Abdul Hayum 8 . Mr. A.Vidhyasekar 9 . Dr. Ajay Singh Yadav 10 . Dr. R. Venkatasubramanian	10/01/2022	28/01/2022	202241001294	Awaiting Request For Examination
57.	Patent (CSE)	Intelligent Vote Casting Method To Prevent The Fake Voting And Implementation Of Automated Polling System Using Raspberry Pi	1. Dr. M. I. Thariq Hussan 2. Ravula Arun Kumar 3. Kurakula Arun Kumar 4. Dr. P. Namratha 5. Dr. T. Charan Singh 6. Idimadakala Madhavalatha	1 . Dr. M. I. Thariq Hussan 2 . Ravula Arun Kumar 3 . Kurakula Arun Kumar 4 . Dr. P. Namratha 5 . Dr. T. Charan Singh 6 . Idimadakala Madhavalatha	05/01/2022	14/01/2022	202241000543	Awaiting Request For Examination
58.	Patent (CSE)	lot Driven System For Continuous Glucose Monitoring Of Sensing Blood Leakage In Health Care Using Machine Learning	1. Dr. Aravind Karrothu 2. Dr. Ramachandro Majji 3. Mrs.T. Daniya 4. Dr. J. Jebathangam 5. Dr. Ch.Vidyadhari 6. Dr. K. Mekala 7. Mr. N. Vaitheeswaran 8. Dr. G.V. Sriramakrishnan, 9 . Mrs.R.P. Shanthi Rani, 10 . Dr. R.Cristin,	1 . Dr. Aravind Karrothu, 2 . Dr. Ramachandro Majji, 3 . Mrs.T. Daniya, 4 . Dr. J. Jebathangam, Vels Institute 5 . Dr. Ch.Vidyadhari, 6 . Dr. K. Mekala 7 . Mr. N. Vaitheeswaran, 8 . Dr. G.V. Sriramakrishnan,	07/12/2022	30/12/2022	202241070530	Awaiting Request For Examination

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				9 . Mrs.R.P. Shanthi Rani, 10 . Dr. R.Cristin,				
59.	Patent (EIE)	An Automatic Fire Extinguishing System Using An Embedded System	1. Ms. N. P. Dharani 2. Ms. N. Harathi 3. Dr. Y. Dileep Kumar 4. Dr. N. Gireesh 5. Mr. Anil Kumar N 6. Mr. M. Hemanth Kumar 7. Mr. CH. Yaswanth 8. Mr. C.V Charan Teja	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	10-01-2023	20-01-2023	202341001910 (CBR No. 1205)	Filed And Published
60.	Patent (EIE)	A System And Method To Monitor The Tissue Fatigueand Disorder Of Biceps Brachii Using Surface Elect	1. Dr. Y. Dileep Kumar 2. Mr. Anil Kumar N 3. Mrs. N P Dharani 4. Mrs. N Harathi 5. Mr. C. Ravindra MURTHY 6. Mr. C. Somasundar Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	10-01-2023	20-01-2023	202341001961 (CBR No. 1265)	Filed And Published
61.	Patent (EEE)	A System For Detection And Notification Of Toxicgases In Sewage Using GSM	1. V. Arun 2. S. Prabhu 3. T. Nageswara Prasad 4. Dubasi Venkata Narayana 5. Dudde Dhenuka 6. Somu Santhosh Kumar Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	11-01-2023	20-01-2023	202341002134 (CBR No. 1404)	Filed And Published
62.	Patent (CE)	Confined CBR Punching Strength Of Geosynthetics Test Apparatus	1. Dr. Buragadda Venkatesh 2. Dr. Eswara Reddy Orekanti	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	19-01-2023	27-01-2023	202341003727 (CBR No. 2651) Filed And Published	Filed And Published Wait For 48 Months For Early

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								Examination
63.	Patent (IT)	A System For Obstacle Identification And Alerting The User Using Iot	1. A. Preethi 2. G. Vennila 3. M. Sai Nithya 4. Dr. K. Ramani	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	14-02-2023	24-02-2023	202341009575	Filed And Published
64.	Patent (CSSE)	Smart Movable Road Divider	1. R. Hanisha 2. M. Harshitha 3. P. Chandana 4. P. Meghana 5. Mr. S. Shiva Prakash	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	18-02-2023	26-05-2023	202341011189 (CBR No. 12875)	Filed And Published
65.	Patent (ECE)	Smart Monitoring Security Locking System	1. B. Lahari 2. B. K. Kavya 3. B. Sudharshana 4. B. Vinay 5. Dr. P. V. Ramana	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	27-02-2023	26-05-2023	202341013085 (CBR No. 8781)	Filed And Published
66.	Patent (ECE)	Energy Harvesting And Storage System From Lightening Using NANO Composite Rods	1. Malarapu Murali 2. P. Geetha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	27-02-2023		202341013262 (CBR No. 8928)	Filed And Published
67.	Patent (IT)	Rainfall Prediction Method And System Based On Machine Learning	1. Mr.N. Varun Kumar 2. Mr. Tharun Kumar Reddy 3. Mr. M. Suresh 4. Mr. P. Nishanth 5. Mr. Chanakya G.M	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	10-02-2023		202341008714 (CBR No. 6174)	Filed And Published

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68.	Patent (IT)	A System And Method For Intelligent Video Surveillance Using Internet Of Things	1. S. Sai Dhivya 2. P. Shalini 3. M. Naveen Kumar 4. N. Gnanesh 5. Dr. V. Jyothsna	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	11-02-2023		202341008995 (CBR No. 6356)	Filed And Published
69.	Patent (CSSE)	lot Based Fire Alarm System	1. Ms. Saladagu Deepthi 2. Ms. Mitta Devi Sahithi 3. Ms. Sunkesula Ansari 4. Ms. Shaik Bungalow Samreen 5. Ms. K. Pujitha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	12-02-2023	26-05-2023	202341009161 (CBR No. 12801)	Filed And Published
70.	Patent (CSSE)	A System For Generating Smart Electricity Through Speed Breaker	1. Mr. T. Muneendra 2. Mr. G. Bala Subramanyam 3. Mr. V. Ganesh 4. Mr. M. V. Pranaay Reddy 5. Dr. E. Sophiya	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	12-02-2023		202341009169 (CBR No. 6392)	Filed And Published
71.	Patent (CE)	Improvement Of Plate Anchor Pullout Capacity Using cementitious Composite Geosynthetics	1. Dr. Buragadda Venkatesh 2. Dr. Eswara Reddy Orekanti 3. Ms. G. Gnana Prasanna 4. Mr. M. Tharun Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	21-02-2023		202341011804	Filed
72.	Patent (ECE)	A Polyhouse For Tenable Agriculture Based On Iot, Arduino And	1. Kodavala Venkatesh Narasimham 2. Kutla Sai Abhishek 3. Kotekal Methukula Manikanta	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	08-05-2023	23-06-2023	202341032359 (CBR No. 20562)	Filed And Published

S. No.	Department	Title	Name of The Inventor(S)	Name of The Applicant(S)	Date of Filing (dd-mm-yyyy)	Date of Published (dd-mm-yyyy)	Application / Reference No.	Current Status (Filed/Published/ Under Examination/Grant/ Etc)
		Sensors	4. Konjeti Sai Sarath Chandra 5. Kinnera Rohith 6. Ms. Neelima K					
73.	Patent (ECE)	An lot Based Smart Agriculture System And Method Thereof	1. Bashyam Poorna Chandra 2. Chekka Jayarth Saikiran 3. Dakkili Dennen Varsha 4. Ballala Vignadha 5. Mr. K. S. Chakradhar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	08-05-2023	23-06-2023	202341032321 (CBR No. 20520)	Filed And Published
74.	Patent (CSSE)	A Method To Detect The Leaf Disease Using An Image Processing Technique	1. Lepakshi Fariha Eram 2. N Bhoomika Soni 3. Pullaganti Nikitha Sai 4. Reddicherla Sai Supriya 5. Segu Divija 6. M. Ramu	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	21-03-2023	31-03-2023	202341019528 (CBR No. 12788)	Filed And Published
75.	Patent (CSSE)	A System For Real Time Efficient Streetlight Controlling And Monitoring	1. S. Dhanasekhar Reddy 2. P. Balaji 3. N. Diwakar 4. S. Vinay 5. Ms. S. Anbulakshmi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	22-03-2023	31-03-2023	202341019717 (CBR No. 12858)	Filed And Published
76.	Patent (ME)	A System And Method For Detecting And Monitoring Manholes Using lot	1. D. Guru Karthik 2. B. Pavan Kumar 3. K. Vamsi 4. K. Eswar 5. K. Venu 6. Dr. Gnana Sagaya Raj	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	09-05-2023		202341032615 (CBR No. 20766)	Filed And Published
77.	Patent (ME)	A Solar Operated Air Purifying System And A Method Of	1. N. Hari Hara Naidu 2. M. Veerendra 3. N. Sai Sruthi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering	09-05-2023	16-06-2023	202341032902 (CBR No. 20991)	Filed And Published

S. No.	Department	Title	Name of The Inventor(S)	Name of The Applicant(S)	Date of Filing (dd-mm-yyyy)	Date of Published (dd-mm-yyyy)	Application / Reference No.	Current Status (Filed/Published/ Under Examination/Grant/ Etc)
		Operation The System	4. N. Sai 5. R. Varun Raj 6. Dr. G. Vidyasagar Reddy	College)				
78.	Patent (ECE)	An IOT Based Virtual Doctor Using Raspberry Pi With Thingspeak	1. Sana Narasimha Reddy 2. Yalla Harsha 3. Alluri Vijay 4. Katepogu Krishna Babu 5. Mr. Sk. Mahaboob Basha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	31-05-2023	16-06-2023	202341037593 (CBR No. 24663)	Filed And Published
79.	Patent (ECE)	A Cost-Effective RF Based Drone Detection System And Method Thereof	1. G. Lakshmi Meghana 2. M. Manideep 3. M. Srinivasulu Naidu 4. Ms. Bussa Ashreetha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	31-05-2023		202341038242 (CBR No. 25181)	Filed And Published
80.	Patent (EIE)	A Device For Monitoring Animal Health And Disease Anticipation	1. Mr. G. Vishnu Vardhan 2. Mr. G. Harsha Vardhan 3. Mr. K.Dinakar Yadav 4. Dr. A. Yasmine Begum 5. Dr. N. Padmaja 6. Mr. M. Balaji	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	03-06-2023		202341038250	Filed And Published
81.	Patent (EIE)	A System For Monitoring And Detecting Gas Leakage And A Method Thereof	1. Mr. G. Muni Priya 2. Ms. K. Lahari 3. Ms. N. Harathi 4. Ms. N. P. Dharani	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	05-06-2023	30-06-2023	202341038366 (CBR No. 25262)	Filed And Published
82.	Patent (IT)	A System For Monitoring Health Using IOT Sensors	1. R. Manasa 2. N. Deepika 3. M. Nandini 4. S. Sony 5. Ms. C. Silpa	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	14-06-2023	30-06-2023	202341040490 (CBR No. 26873)	Filed And Published

S. No.	Department	Title	Name of The Inventor(S)	Name of The Applicant(S)	Date of Filing (dd-mm-yyyy)	Date of Published (dd-mm-yyyy)	Application / Reference No.	Current Status (Filed/Published/ Under Examination/Grant/ Etc)
83.	Patent (ME)	A Multi-Layered Filtration System For Purifying The House Wastewater And Rainwater	1. Raavi Bala Siva Durga Prasad 2. Kuruba Pavan 3. Makam Chiranjeevi 4. Medasari Vamsi 5. Narendra Bahadur Shahi 6. S. Lakshmi Narayana	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	05-06-2023		202341038388 (CBR No. 25288)	Filed And Published
84.	Patent (CSE)	Heart Disease Prediction Using Machine Learning	1. M. Satheesh 2. Kondapalli Lokesh 3. Mummalla Bhavya 4. Mala Padma 5. K. Nithya Sree 6. Ms. K. Ghanya	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	07-06-2023	30-06-2023	202341039145 (CBR No. 25804)	Filed And Published
85.	Patent (CSE)	Driver Drowsiness Detection And Alert System	1. Agali Saraswathi 2. Dr. B. Narendra Kumar Rao	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	07-06-2023		202341038973 (CBR No. 25697)	Filed And Published
86.	Patent (CE)	A Device For Oblique Pullout Test On Geosynthetic Reinforced Earth Structures	1. Dr. Eswara Reddy Orekanti 2. Dr. Buragadda Venkatesh 3. Ms. G. Gnana Prasanna	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	30-06-2023		202341043979	Filed And Ready To Publish
87.	Patent (GEBH)	A Framework On The Cultural Influence On The English Language	1. Dr. G M Madhavi 2. Dr. C. Raghavendra Reddy 3. Dr. M. Ravichand 4. Dr. R. Retna Mony 5. Mr. K. Ayyappa 6. Dr. V. V. Parthu	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	06-06-2023		202341038668	Filed

S. No.	Department	Title	Name of The Inventor(S)	Name of The Applicant(S)	Date of Filing (dd-mm-yyyy)	Date of Published (dd-mm-yyyy)	Application / Reference No.	Current Status (Filed/Published/ Under Examination/Grant/ Etc)
			7. Dr. G. Chenna Reddy 8. Mr. N. Balamurugan					
88.	Patent (GEBH)	An Innovative IoT Based Framework For Smart Health Care Monitoring System	1. Dr. Byram Anand 2. Dr. Perumalla Varalaxmi 3. Beena A O 4. Dr. Gajula Lakshminarayana 5. Y.B. Kishore Kumar 6. Dr. J. Vijimol 7. Dr. B. R. Kumar 8. Pavitar Parkash Singh	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	08-06-2023		202341044508	Filed
89.	Patent (CSE)	An Automated Car Cleaning Device	1. Dr. K. Reddy Madhavi 2. Samantha Elizabeth Dimal 3. Dr. Gurram Sunitha 4. Dr. J. Avanija 5. B. Viswaksena	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	09-07-2023		202341046079 (CBR No. 30702)	Filed And Published
90.	Patent (ECE)	A Full Adder Circuit-Based Carbon Nanotube Field Effect Transistor	1. Dr. Avireni Srinivasulu 2. Dr. Sarada Musala 3. Dr. Jitendra Kumar Saini 4. Dr. Bhargav Appasani	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-07-2023		202341047795 (CBR No. 31820)	Filed And Published
91.	Patent (ECE)	A Four Port Wideband MIMO Antenna For 5G Millimeter-Wave Applications	1. Dr. Bhargav Appasani 2. Dipanjan Dutta 3. Sasmita Pahadsingh 4. Nimay Chandra Giri 5. Dr. Avireni Srinivasulu	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	19-07-2023		202341048541 (CBR No. 32261)	Filed And Published
92.	Patent (CSE)	A System For Assisting The Patient Transfer	1. Dr. Gurram Sunitha 2. Swasti Gautam 3. Dr. J. Avanija 4. Dr. K. Reddy Madhavi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	24-07-2023		202341049700 (CBR No. 33083)	Filed And Published

S. No.	Department	Title	Name of The Inventor(S)	Name of The Applicant(S)	Date of Filing (dd-mm-yyyy)	Date of Published (dd-mm-yyyy)	Application / Reference No.	Current Status (Filed/Published/ Under Examination/Grant/ Etc)
		Process In Health Care Units	5. B. Viswaksena	College)				
93.	Patent (ECE)	A Smart Multitasking Headgear Safety Detection And A Method Thereof	1. Ms.P.V.Akhila 2. Ms.N.Mahithajackqualine 3. Mr. Panduruyashwanth 4. Mr.S.Anudeep 5. Dr. N.Ashokkumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	02-11-2023		202341074604	Filed
94.	Patent (EEE)	A UPQC System And Method For Improving Power Quality And Power Factor	1. Dr. S. Hemachandra 2. Ms. K.Praveena 3. Ms.S.Navatha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	02-11-2023		202341074606	Filed
95.	Patent (IT)	An Air Pollution Monitoring System With Server Notifications	1. Mr. B. Tharun Sai 2. Ms. B. Lavanya 3. Ms. D. Naga Prasunna 4. Mr. B. Raja Raveendra 5. Mr. D. Vijay Shekar 6. Mr. P. Bhasha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-11-2023		202341077659 (CBR No. 52712)	Filed
96.	Patent (EEE)	A Method For Automatic ECG Signal Feature Extraction Using Multi-Resolution Wavelet Transform	1. Dr. S.Hemachandra 2. Dr. Y. Dilip Kumar 3. Mr.N.Anil Kumar 4. Ms.G.Mouluka 5. Mr.G.Jayaprakash	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	16-11-2023		202341078046 (CBR No.53026)	Filed
97.	Patent (Management)	A Drone Navigation System And Method To Supply Medicine To Remote Areas	1. Dr.D.Sudarsana Murthy 2. Ms.K.Saileela	Mohan Babu University (Erstwhile Sree Vidyanikethan Institute Of Management)	15-11-2023		202341077594 (CBR No. 52667)	Filed

S. No.	Department	Title	Name of The Inventor(S)	Name of The Applicant(S)	Date of Filing (dd-mm-yyyy)	Date of Published (dd-mm-yyyy)	Application / Reference No.	Current Status (Filed/Published/ Under Examination/Grant/ Etc)
98.	Patent (ME)	A High-Efficiency Minimum Quantity Lubrication (MQL) System And A Method For Machining Processes	1. Mr. Chemuru Saikumar Reddy, 2. Mr. Tarakananda Reddy, 3. Mr. P. Vamsi Krishna, 4. Ms. Thappeta Pranusha, 5. Mr. Vallagi Rajkumar, 6. Dr. K. Lakshmi Narasimhamu	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	27-11-2023		202341079182	Filed
99.	Patent (MCA)	AA Method For Forecasting Chronic Renal Disease (CRD) Using A Machine Learning Strategy	1. Ms. Balireddigari Bhargavi, 2. Dr. M. Sunil Kumar, 3. Ms. M. Sowmya Vani	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	05-12-023		202341082729	Filed
100.	Patent (MCA)	A License Number Plate Identification And Recognition System For Traffic Surveillance Applications	1. Ms. Pagadala Niharika Kiran, 2. Ms. P. Neeraja	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	06-12-023.		202341082998	Filed



MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati – 517 102, A.P.

(Established under Andhra Pradesh Private Universities (Establishment & Regulation) Act 2016

(Act No: 3 of 2016 & 40 of 2023)

Annexure-16.f

Details of Transfer of Technology

DST-SEEDD Science Technology & Innovation (STI) Hub in Chandragiri Mandal, Chittoor District, AP

DETAILED LIST OF PARTICIPANTS UNDERGONE TRAINING DURING 2021 To 2022

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
1	EWT	EWT-04-21-01	Ms	Dasari	Latha	F	M.R.Palli
2	EWT	EWT-04-21-02	Mr	Sagili	Akhil kumar	M	Tirupati
3	EWT	EWT-04-21-03	Mr	Dasari	Bharath	M	Tirupati
4	EWT	EWT-04-21-04	Mr	Manyam	Sivaraj	M	Narasingapuram
5	EWT	EWT-04-21-05	Mr	Kudumula	Raghu	M	Narasingapuram
6	EWT	EWT-04-21-06	Mr	Dakkili	Veerawamy	M	Tirupati
7	EWT	EWT-04-21-07	Mr	Gudisinti	Nandakumar	M	Thondawada
8	EWT	EWT-04-21-08	Mr	S	Tharun	M	Tirupati
9	EWT	EWT-04-21-09	Mr	Panditi	Surya	M	Gandhipuram
10	EWT	EWT-04-21-10	Ms	Kommu	Ashwini	F	Mamanduru
11	EWT	EWT-04-21-11	Ms	Virudala	Tulasamma	F	Mungilipattu
12	EWT	EWT-04-21-12	Ms	Duri	Jyothi	F	Mungilipattu
13	EWT	EWT-04-21-13	Mr	Gundlapalli	Sudheer	M	B.G.Palli
14	EWT	EWT-04-21-14	Mr	G	Rakesh	M	Yellam palli
15	EWT	EWT-04-21-15	Ms	Baliji palli	Yamuna	F	B.G.Palli
16	EWT	EWT-04-21-16	Mr	pulichandram	Sai kumar	M	B.G.Palli
17	EWT	EWT-04-21-17	Ms	Thondati	Reshma	F	B.G.Palli
18	EWT	EWT-04-21-18	Ms	Thondati	Suhasini	F	B.G.Palli
19	EWT	EWT-04-21-19	Ms	Dhara	Mounika	F	B.G.Palli
20	EWT	EWT-04-21-20	Ms	Dandolu	Chandrika	F	B.G.Palli
21	EWT	EWT-04-21-21	Ms	Peramala	Bhavya	F	B.G.Palli

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
22	EWT	EWT-04-21-22	Ms	Avilala	Pavithra	F	B.G.Palli
23	EWT	EWT-04-21-23	Ms	Dhara	Gayathri	F	B.G.Palli
24	EWT	EWT-04-21-24	Ms	Dhara	Kaveri	F	B.G.Palli
25	EWT	EWT-04-21-25	Ms	Dhara	lakshmi prasanna	F	B.G.Palli
26	EWT	EWT-04-21-26	Ms	Bheemavaram	Nagavalli	F	Bheemavaram
27	EWT	EWT-04-21-27	Ms	Gundapalli	Archana	F	B.G.Palli
28	EWT	EWT-04-21-28	Ms	Bheemavaram	Deepa	F	Bheemavaram
29	EWT	EWT-04-21-29	Ms	Bheemavaram	Lavanya	F	Bheemavaram
30	EWT	EWT-04-21-30	Ms	Guluru	Yerramma	F	Kotala
31	EWT	EWT-04-21-31	Ms	Nachukuru	Swarna latha	F	Tirupathi
32	EWT	EWT-04-21-32	Ms	Bheemavaram	Prasanna kumari	F	C.Ramapuram
33	EWT	EWT-04-21-33	Ms	M	Nagini	F	Mamanduru
34	EWT	EWT-04-21-34	Mr	Birapi	Sashidhar	M	Mungilipattu
35	EWT	EWT-04-21-35	Ms	E	Vani	F	Tirupathi
36	EWT	EWT-04-21-36	Ms	Konidala	Hemalatha	F	Tirupathi
37	PHM	PHM-10-21-01	Ms	Miryala	Nandini	F	Somala
38	PHM	PHM-10-21-02	Ms	Bheemavaram	Mounika	F	Bheemavaram
39	PHM	PHM-10-21-03	Ms	Gonugodugu	Deepa	F	Bheemavaram
40	PHM	PHM-10-21-04	Mr	Gonugodugu	Mani	M	Bheemavaram
41	PHM	PHM-10-21-05	Mr	Valluru	Gajendra naidu	M	Bheemavaram
42	PHM	PHM-10-21-06	Ms	Chekuri	venkata ramanaidu	F	Bheemavaram
43	PHM	PHM-10-21-07	Mr	Yenugula	Subba ramanaidu	M	Bheemavaram
44	PHM	PHM-10-21-08	Mr	Yenugula	Chinnamma	M	Bheemavaram
45	PHM	PHM-10-21-09	Mr	Gundlapalli	Nagaraja	M	B.G. Palli
46	PHM	PHM-10-21-10	Ms	Bheemavaram	Parvathi	F	Yellam palli
47	PHM	PHM-10-21-11	Mr	Avilala	Nagaraja	M	B.G. Palli
48	PHM	PHM-10-21-12	Mr	Bheemavaram	Mahendra	M	B.G. Palli
49	PHM	PHM-10-21-13	Ms	Gundlapalli	Puja	F	K.V.Palli
50	PHM	PHM-10-21-14	Mr	Gundlapalli	Vinod	M	B.G. Palli
51	PHM	PHM-10-21-15	Ms	Darla	Santhi	F	B.G. Palli
52	PHM	PHM-10-21-16	Mr	Avilala	Devendra	M	B.G. Palli
53	PHM	PHM-10-21-17	Mr	Gundlapalli	Chiranjeevi	M	B.G. Palli
54	PHM	PHM-10-21-18	Mr	Perumala	Subaramanyam	M	B.G. Palli
55	PHM	PHM-10-21-19	Ms	Avilala	Kalpana	F	B.G. Palli

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
56	PHM	PHM-10-21-20	Ms	Bheemavaram	Nichitha	F	B.G. Palli
57	APT	APT-05-21-01	Mr.	Shaik	Syfuiddin	M	Chandragiri
58	APT	APT-05-21-02	Mr.	Kothapati	Puneeth Kumar Reddy	M	Chandragiri
59	APT	APT-05-21-03	Mr.	Manyam	Sivaraj	M	Narsingapuram
60	APT	APT-05-21-04	Mr.	Erapalapati	Pradeep	M	Kotala
61	APT	APT-05-21-05	Mr.	Erapalapati	Tharun	M	Kotala
62	APT	APT-05-21-06	Mr.	Erapalapati	Chandrasekhar	M	Kotala
63	APT	APT-05-21-07	Mr.	Erapalapati	Praveen	M	Kotala
64	APT	APT-05-21-08	Mr.	Gurapu	Manoj	M	Bakarapeta
65	APT	APT-05-21-09	Mr.	Talari	Rama Krishna	M	Bilekallu
66	APT	APT-05-21-10	Mr.	Siddipuvvu	Rahul	M	Kurnool
67	APT	APT-05-21-11	Mr.	Desavath	Hemachandra	M	Kurnool
68	APT	APT-05-21-12	Mr.	Ramavath	Sriram Naik	M	Prakasam
69	APT	APT-05-21-13	Mr.	Annavarapu	Harish	M	Nellore
70	APT	APT-05-21-14	Mr.	Thondati	Gowtham Rao	M	Tirupati
71	APT	APT-05-21-15	Mr.	Gundlapalli	Sasikumar	M	BG Palli
72	APT	APT-05-21-16	Mr.	Erapalapati	Mohan	M	Kotala
73	APT	APT-05-21-17	Mr.	Vangala	Vinay	M	Kotala
74	APT	APT-05-21-18	Mr.	Guluru	Chenchaiah	M	Kotala
75	APT	APT-05-21-19	Mr.	Pulichandram	Saikumar	M	BG Palli
76	APT	APT-05-21-20	Mr.	Gundrathiguppam	Rakesh	M	Bheemavaram
77	APT	APT-05-21-21	Mr.	Gundlapalli	Sudheer	M	BG Palli
78	APT	APT-05-21-22	Mr.	Devarla	Rajasekhar	M	Kotala
79	APT	APT-05-21-23	Mr.	A	Sivarama murthy	M	BG Palli
80	APT	APT-05-21-24	Mr.	Kudumula	Raghu	M	Narasingapuram
81	APT	APT-05-21-25	Mr.	Madiga	Kishore Kumar	M	SC Colony , Palakurty
82	GPU	GPU-06-21-01	Mr	Valugathru	Bhargav	M	Srinivasa mangapuram ST Colony
83	GPU	GPU-06-21-02	Mr	Akkala	Siva Kumar	M	ITHEPALLI
84	GPU	GPU-06-21-03	Mr	Vupputuri	Nandiswara Rao	M	Narasingapuram
85	GPU	GPU-06-21-04	Mr	Madinenti	Kesava	M	Narasingapuram
86	GPU	GPU-06-21-05	Mr	Karamandala	Naveen	M	Srinivasa mangapuram ST Colony
87	GPU	GPU-06-21-06	Mr	Gopala	Manikantha	M	Srinivasa mangapuram ST Colony
88	GPU	GPU-06-21-07	Mr	Madisi	Karthik	M	M.R Palli
89	GPU	GPU-06-21-08	Mr	Anambattu	Pavan	M	Brahmana Kalwa

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
90	GPU	GPU-06-21-09	Mr	Tirumalyam	Vamsi	M	Rangampet
91	GPU	GPU-06-21-10	Mr	Nanarapu	Karthik	M	Brahmana Kalwa
92	GPU	GPU-06-21-11	Mr	RamanujaPalli	Chittybabu	M	Rangampet
93	GPU	GPU-06-21-12	Mr	Nellopalli	Surendra	M	Brahmana Kalwa
94	GPU	GPU-06-21-13	Mr	Sadhukotra	Lokesh	M	Majjiga Kavala
95	GPU	GPU-06-21-14	Mr	S	Tharun	M	Rangampet
96	GPU	GPU-06-21-15	Mr	Nanarapu	Kumarraja	M	Brahmana Kalwa
97	GPU	GPU-06-21-16	Mr	Muragaiah	Ganavigneswar	M	Mandalury
98	GPU	GPU-06-21-17	Mr	Atturi	Param Siva	M	Rangampet
99	GPU	GPU-06-21-18	Mr	Sangapu	Chandu	M	Itepalli
100	GPU	GPU-06-21-19	Mr	Kandala	Saikumar	M	Narasingapuram
101	GPU	GPU-06-21-20	Mr	Marepalle	Naveen Kumar	M	Rangampet
102	GPU	GPU-06-21-21	Mr	Rayinutala	Charanraj	M	Itepalli
103	GPM	GPM-08-21-01	Mr.	Varganti	Ekambaram	M	Kaloor ST Colony
104	GPM	GPM-08-21-02	Mr.	Ithepalli	Deepak	M	Narasingapuram
105	GPM	GPM-08-21-03	Mr	RamanujaPalli	Chittybabu	M	Rangampet
106	GPM	GPM-08-21-04	Mr.	Atturi	Param Siva	M	Rangampet
107	GPM	GPM-08-21-05	Mr.	Sagili	Akil	M	Mr.palli
108	GPM	GPM-08-21-06	Mr.	D	Veeraswamy	M	Pennalapudi
109	GPM	GPM-08-21-07	Mr.	Tirumalyam	Vamsi	M	Rangampet
110	GPM	GPM-08-21-08	Mr.	Nanarapu	Karthik	M	Brahmana Kalwa
111	GPM	GPM-08-21-09	Mr.	Nellopalli	Surendra	M	Brahmana Kalwa
112	GPM	GPM-08-21-10	Mr.	Nanarapu	Kumarraja	M	Brahmana Kalwa
113	GPM	GPM-08-21-11	Mr.	Talari	Ramakrishna	M	ST Colony
114	GPM	GPM-08-21-12	Mr.	Akkala	Siva Kumar	M	ITHEPALLI
115	GPM	GPM-08-21-13	Mr.	Vupputuri	Nandiswara Rao	M	Narasingapuram
116	GPM	GPM-08-21-14	Mr.	Borra	Karthik Reddy	M	Rangampet
117	GPM	GPM-08-21-15	Mr.	Kudumala	Raghu	M	Narasingapuram
118	GPM	GPM-08-21-16	Mr.	Sreerama	Adhinagatharun	M	Rangampet
119	GPM	GPM-08-21-17	Mr.	Madinenti	Kesava	M	Narasingapuram
120	GPM	GPM-08-21-18	Mr.	Duddukunta	Dineshkumar Reddy	M	Rangampet
121	GPM	GPM-08-21-19	Mr.	Ramavath	Sriramnaik	M	Rangampet
122	GPM	GPM-08-21-20	Mr.	Gundarapu	Puli Ranga	M	Kuchivaripalli
123	SMM	SMM-07-21-01	Mr.	Venkatesh	Chethan Sai	M	Rangampet

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
124	SMM	SMM-07-21-02	Mr.	Sandiputti	Chaitanya venkata Sai	M	D.Kandriga H/W
125	SMM	SMM-07-21-03	Mr.	Vallipagu	Dinesh Raja	M	Kuchivaripalli
126	SMM	SMM-07-21-04	Mr.	Tipinipuru	Tharun	M	Sainagar
127	SMM	SMM-07-21-05	Mr.	Gundarj kuppam	Charan Kumar	M	Chandragiri
128	SMM	SMM-07-21-06	Mr.	Boligadda	Udaykiran	M	Mangalam
129	SMM	SMM-07-21-07	Mr.	Nagapatla	Sudheer	M	Nagapatla
130	SMM	SMM-07-21-08	Mr.	Diguvapalem	Reddy Sekhar	M	Rangampet
131	SMM	SMM-07-21-09	Mr.	Venkatesulu	Sreedhar	M	Rangampet
132	SMM	SMM-07-21-10	Mr.	V.Sankarappa	Puneeth	M	Tirupathi
133	SMM	SMM-07-21-11	Mr.	Kanipakam	Sai Ajay	M	Bandarupalli
134	SMM	SMM-07-21-12	Mr.	Pettlu	Vinod kumar	M	Kondareddy kandriga
135	SMM	SMM-07-21-13	Mr.	Muthukuru	Roshan sai	M	Kachivaripalli
136	SMM	SMM-07-21-14	Mr.	Selvaraj	Prashanth	M	Kotala
137	SMM	SMM-07-21-15	Mr.	Chinthaparthi	Pradeep	M	Ambedkar colony
138	SMM	SMM-07-21-16	Mr.	Mudigolam	Siva prasad	M	Tirupathi
139	SMM	SMM-07-21-17	Mr.	Kathi	Muni sai kumar	M	Rangampet
140	SMM	SMM-07-21-18	Mr.	Jadapalli	Sai prakash	M	Rangampet
141	SMM	SMM-07-21-19	Mr.	Vallagi	Raj kumar	M	Kotala
142	SMM	SMM-07-21-20	Mr.	Bonaga	Udaykumar	M	Mangalam
143	SMM	SMM-07-21-21	Mr.	Thiriveedhi	Varun Kumar	M	Rangampet
144	SMM	SMM-07-21-22	Mr.	Ramavath	Jagadesh Naik	M	Rangampet
145	SMM	SMM-07-21-23	Mr.	Gattakalla	Tharun Kumar	M	Bandarupalli
146	SMM	SMM-07-21-24	Mr.	Sari	Kiran Kumar	M	Bandarupalli
147	SMM	SMM-07-21-25	Mr.	Pagadala	Saivarun	M	Rangampet
148	GCDT	GCDT-09-21-01	Mr.	Kottala	Venkatesh	M	kottala
149	GCDT	GCDT-09-21-02	Mr.	Asadi	Sai Jashwanth Kumar	M	Sainagar
150	GCDT	GCDT-09-21-03	Mr.	Ponneri	Sai Kumar	M	Kothhapalli (hw)
151	GCDT	GCDT-09-21-04	Mr.	Konchada	Nithin Kumar	M	Bandarupalli
152	GCDT	GCDT-09-21-05	Mr.	Mudusu	Jeeva Prakash	M	Munglipattu
153	GCDT	GCDT-09-21-06	Mr.	Kambakam	Venu	M	Rangampet
154	GCDT	GCDT-09-21-07	Mr.	Sandiputti	Chaitanya Venkata Sai	M	D.Kandriga H/W
155	GCDT	GCDT-09-21-08	Mr.	Tipineru	Tharun	M	Sainagar
156	GCDT	GCDT-09-21-09	Mr.	Bandaru	Saikumar	M	Kuchivaripalli
157	GCDT	GCDT-09-21-10	Mr.	Bejjam	Venkata Dileep Kumar	M	Kuchivaripalli

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
158	GCDT	GCDT-09-21-11	Mr.	Bollavaram	Kalyan Babu	M	Rangampet
159	GCDT	GCDT-09-21-12	Mr.	Dolu	Vasanth Kumar	M	Bandarupalli
160	GCDT	GCDT-09-21-13	Mr.	Mahendra Kumar	Dhanush Kumar	M	Bandarupalli
161	GCDT	GCDT-09-21-14	Mr.	Gujjala	Shashi Kumar	M	Bandarupalli
162	GCDT	GCDT-09-21-15	Mr.	Kasam	Sai Vignesh	M	kandulavari palli
163	GCDT	GCDT-09-21-16	Mr.	Alluru	Sainischal	M	kottala
164	GCDT	GCDT-09-21-17	Mr.	Kadiyam	Raviprasad	M	Beemavaram
165	GCDT	GCDT-09-21-18	Mr.	Mendagutty	Ramesh	M	tirupathi
166	GCDT	GCDT-09-21-19	Mr.	P	Shanmukha Sai	M	Chandragiri
167	GCDT	GCDT-09-21-20	Mr.	Aeruru	Sai Charan	M	Rangampet
168	GCDT	GCDT-09-21-21	Mr.	Koppolu	Kranthi Kumar	M	Cherlopalli
169	GCDT	GCDT-09-21-22	Mr.	Vallipagu	Dinesh Raja	M	Kuchivaripalli
170	GCDT	GCDT-09-21-23	Mr.	Vallagi	Rajkumar	M	Kottala
171	GCDT	GCDT-09-21-24	Mr.	Rayala	Uday Kiran	M	Nagari H/W
172	GCDT	GCDT-09-21-25	Mr.	Chenji	Kumar	M	Srinivasa mangapuram ST Colony
173	GCDT	GCDT-09-21-26	Mr.	Repalli	Varun Raj	M	Moolapalli
174	GCDT	GCDT-09-21-27	Mr.	Venkaatesh	Chetan Sai	M	Rangampet
175	GCDT	GCDT-09-21-28	Mr.	Sari	Kiran kumar	M	Bandarupalli
176	PHM	PHM-10-21-21	Mr.	Kottha Kotala	Guravaiah	M	Pullaiah Gari Palli
177	PHM	PHM-10-21-22	Ms	Kottha Kotala	Chenchamma	F	Pullaiah Gari Palli
178	PHM	PHM-10-21-23	Ms	Dharmarajula	Manjula	F	Pullaiah Gari Palli
179	PHM	PHM-10-21-24	Ms	Savapuri	Ammulu	F	Pullaiah Gari Palli
180	PHM	PHM-10-21-25	Ms	Pamala	Siddamma	F	Pullaiah Gari Palli
181	PHM	PHM-10-21-26	Ms	Tupakula	Lakshmi Devi	F	Pullaiah Gari Palli
182	PHM	PHM-10-21-27	Ms	Gundrathi Kuppam	Devi	F	Pullaiah Gari Palli
183	PHM	PHM-10-21-28	Ms	Gundrathi Kuppam	Vellamma	F	Pullaiah Gari Palli
184	PHM	PHM-10-21-29	Mr.	Batthala	Subramanyam	M	Pullaiah Gari Palli
185	PHM	PHM-10-21-30	Ms	Batthala	Nandini	F	Pullaiah Gari Palli
186	PHM	PHM-10-21-31	Ms	Gundrathi	Mangamma	F	Pullaiah Gari Palli
187	PHM	PHM-10-21-32	Ms	Nanapakulo	Mogilamma	F	Pullaiah Gari Palli
188	PHM	PHM-10-21-33	Ms	Eruvaram	Sujatha	F	Pullaiah Gari Palli
189	PHM	PHM-10-21-34	Ms	Gundrathi Kuppam	Munemma	F	Pullaiah Gari Palli
190	PHM	PHM-10-21-35	Ms	Dharmarajula	Naga Lakshmi	F	Pullaiah Gari Palli
191	PHM	PHM-10-21-36	Mr.	Eruvaram	Sivaiah	M	Pullaiah Gari Palli

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
192	PHM	PHM-10-21-37	Mr.	Dharmarajula	Ramu	M	Pullaiyah Gari Palli
193	WUB	WUB-14-21-01	Ms.	Doori	Jyothi	F	Mungilipattu
194	WUB	WUB-14-21-02	Ms.	B	Lakshmi	F	Rangampet
195	WUB	WUB-14-21-03	Ms.	Putta	Sreelakshmi	F	Sreenivasamangapuram
196	WUB	WUB-14-21-04	Ms.	Uppalapati	Annapurna	F	Rangampet
197	WUB	WUB-14-21-05	Ms.	G	Santi	F	Chandragiri
198	WUB	WUB-14-21-06	Ms.	A	Deepa	F	Yellapalli
199	WUB	WUB-14-21-07	Ms.	Gundlapalli	Archana	F	Bheemavaram
200	WUB	WUB-14-21-08	Ms.	Thondati	Suhasini	F	Yellampalli
201	WUB	WUB-14-21-09	Ms.	Avilala	Pavitra	F	B.G Palli
202	WUB	WUB-14-21-10	Ms.	Bheemavaram	Parvathi	F	Yellampalli
203	WUB	WUB-14-21-11	Ms.	Avilala	Kalpana	F	B.G Palli
204	WUB	WUB-14-21-12	Ms.	Darla	Shanti	F	B.G Palli
205	WUB	WUB-14-21-13	Ms.	G	Meena	F	Badarlapalle
206	WUB	WUB-14-21-14	Ms.	P	Venkatamma	F	Rangampet
207	WUB	WUB-14-21-15	Ms.	P	Gangadevi	F	Arepalle
208	WUB	WUB-14-21-16	Ms.	G	Sridevi	F	Bandarlapalle
209	WUB	WUB-14-21-17	Ms.	Pasupula	Pavithra	F	Pullaiyahgari Palli
210	WUB	WUB-14-21-18	Ms.	Anantha	Drakshayani	F	Pullaiyahgari Palli
211	WUB	WUB-14-21-19	Ms.	S	Rajeeva	F	Pullaiyahgari Palli
212	WUB	WUB-14-21-20	Ms.	P	Bhanu	F	Pullaiyahgari Palli
213	WUB	WUB-14-21-21	Ms.	B	Deepa	F	Pullaiyahgari Palli
214	WUB	WUB-14-21-22	Ms.	C	Devi	F	Pullaiyahgari Palli
215	WUB	WUB-14-21-23	Ms.	C	Nagarathamma	F	Pullaiyahgari Palli
216	WUB	WUB-14-21-24	Ms.	Munagala	Padmavathi	F	Rangampet
217	WUB	WUB-14-21-25	Ms.	Chikka	Leelavathi	F	Bandarlapalli
218	WUB	WUB-14-21-26	Ms.	Pineni	Jayamma	F	Pullaiyahgari Palli
219	WUB	WUB-14-21-27	Ms.	Mineti	Nagarathamma	F	Pullaiyahgari Palli
220	WUB	WUB-14-21-28	Ms.	Dharmarajula	Munilakshmi	F	Pullaiyahgari Palli
221	WUB	WUB-14-21-29	Ms.	Gundrathi Kuppam	Devi	F	Pullaiyahgari Palli
222	WUB	WUB-14-21-30	Ms.	Kotha Kottala	Bharathi	F	Pullaiyahgari Palli
223	WUB	WUB-14-21-31	Ms.	Paritakula	Sarojamma	F	Pullaiyahgari Palli
224	WUB	WUB-14-21-32	Ms.	Thupakula	Ranemma	F	Pullaiyahgari Palli
225	WUB	WUB-14-21-33	Ms.	Gundrathi Kuppam	Anuradha	F	Pullaiyahgari Palli

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
226	WUB	WUB-14-21-34	Ms.	Nalapakula	Mogilamma	F	Pullaiahgari Palli
227	WUB	WUB-14-21-35	Ms.	Thupakula	Lakshmi Devi	F	Pullaiahgari Palli
228	WUB	WUB-14-21-36	Ms.	Eruravaram	Sujatha	F	Pullaiahgari Palli
229	WUB	WUB-14-21-37	Ms.	Gundrathi Kuppam	Munemma	F	Pullaiahgari Palli
230	WUB	WUB-14-21-38	Ms.	Dharmarajula	Nagalakshmi	F	Pullaiahgari Palli
231	WUB	WUB-14-21-39	Ms.	Kotha Kotta	Sailaja	F	Kotala
232	WUB	WUB-14-21-40	Ms.	Guluru	Pavithra	F	Kotala
233	WUB	WUB-14-21-41	Ms.	Galeti	Thulasi	F	Kotala
234	ICT	ICT-11-21-01	Mr.	Rokka Rokkala	Rohith Kumar	M	Gangudupalli
235	ICT	ICT-11-21-02	Ms.	Virdala	Hemachandrika	F	Ramireddypalli
236	ICT	ICT-11-21-03	Ms.	Mudupuleti	Renuka	F	Srinivasa Mangapuram
237	ICT	ICT-11-21-04	Mr.	Subbamalla	Ajay Kumar	M	Peruru
238	ICT	ICT-11-21-05	Ms.	Tallapaka	Rajitha	F	Ramireddypalle
239	ICT	ICT-11-21-06	Ms.	Thallapaka	Ramyra	F	Kuchivaripalli
240	ICT	ICT-11-21-07	Mr.	Velukuru	Jagadeesh	M	Rangampet
241	ICT	ICT-11-21-08	Ms.	Bapana	Deepika	F	Narasingapuram
242	ICT	ICT-11-21-09	Mr.	Gundraja Kuppam	Surya	M	Bheemavaram
243	ICT	ICT-11-21-10	Mr.	Degasikshi	Guna	M	Nagaiahgari Palli
244	ICT	ICT-11-21-11	Mr.	Samana	Thiyagarajan	M	Srinivasa Mangapuram
245	ICT	ICT-11-21-12	Mr.	Muppala	Muniteja	M	Pandurangavari palli
246	ICT	ICT-11-21-13	Mr.	Marripati	Dileep Kumar	M	Rangampet
247	ICT	ICT-11-21-14	Ms.	Gonthu Kokala	Sindhu Sree	F	Kuchivari Palli
248	ICT	ICT-11-21-15	Mr.	Tiruvalluru	Dharma Teja	M	Dhasari Street
249	ICT	ICT-11-21-16	Mr.	Podili	Prudvisai	M	Venkatampeta
250	ICT	ICT-11-21-17	Mr.	Pichi	Chakravarthy	M	Aakuthota Street
251	ICT	ICT-11-21-18	Mr.	Shaik	Mohammed Aman	M	Arepalli
252	ICT	ICT-11-21-19	Mr.	Shaik	Abdul Ezaz	M	Srinivasa Mangapuram
253	ICT	ICT-11-21-20	Mr.	Mendragutty	Ramesh	M	Tirupati
254	ICT	ICT-11-21-21	Mr.	Kasam	Sai Vignesh	M	Kandulavaripalli
255	ICT	ICT-11-21-22	Mr.	Bollavaram	Kalyan Babu	M	Rangampet
256	ICT	ICT-11-21-23	Mr.	Aeruru	Sai Charan	M	Rangampet
257	ICT	ICT-11-21-24	Mr.	Vallagi	Raj Kumar	M	Kotala
258	ICT	ICT-11-21-25	Mr.	Bejjam	Vekata Dileep Kumar	M	Kuchivari Palli
259	EM	EM-12-21-01	Mr.	Repalli	Varun Raj	M	Moolapalli

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
260	EM	EM-12-21-02	Ms.	Rayala	Uday Kiran	M	Nagari H/W
261	EM	EM-12-21-03	Mr.	Kasam	Sai Vignesh	M	Kandulavaripalli
262	EM	EM-12-21-04	Mr.	Bejjam	Vekata Dileep Kumar	M	Kuchivari Palli
263	EM	EM-12-21-05	Ms.	Bapana	Deepika	F	Narasingapuram
264	EM	EM-12-21-06	Mr.	Aeruru	Sai Charan	M	Rangampet
265	EM	EM-12-21-07	Mr.	Degasikshi	Guna	M	Nagaihgari Palli
266	EM	EM-12-21-08	Ms.	Viradala	Hemachandrika	F	Ramireddypalli
267	EM	EM-12-21-09	Mr.	Mudupuleti	Renuka	F	Srinivasa Mangapuram
268	EM	EM-12-21-10	Mr.	Marripati	Dileep Kumar	M	Rangampet
269	EM	EM-12-21-11	Ms.	Tallapaka	Rajitha	F	Ramireddypalle
270	EM	EM-12-21-12	Ms.	Gonthu Kokala	Sindhu Sree	F	Kuchivari Palli
271	EM	EM-12-21-13	Mr.	Shaik	Abdul Ezaz	M	Srinivasa Mangapuram
272	EM	EM-12-21-14	Mr.	Vellakuru	Jagadeesh	M	Rangampet
273	EM	EM-12-21-15	Mr.	Subbamalla	Ajay Kumar	M	Peruru
274	EM	EM-12-21-16	Mr.	Samana	Thiyagarajan	M	Srinivasa Mangapuram
275	ICT	ICT-11-21-26	Mr.	Kolakati	Lakshmaiah	M	Srinivasa Mangapuram
276	ICT	ICT-11-21-27	Mr.	Gunthati	Harsha Vardhan	M	Mittapalem
277	ICT	ICT-11-21-28	Mr.	Gurrapadu	Vineeth	M	MR Palli
278	ICT	ICT-11-21-29	Mr.	Kolakati	Hemakumar	M	Rangampet
279	ICT	ICT-11-21-30	Mr.	Chattu	Saikumar	M	Peruru
280	ICT	ICT-11-21-31	Mr.	Sanavaram	Thilak	M	lthepalli
281	ICT	ICT-11-21-32	Mr.	Onti	Hemanth	M	Chandragiri
282	ICT	ICT-11-21-33	Mr.	Alligeri	Jayanna	M	lthepalli
283	ICT	ICT-11-21-34	Mr.	V	Venkatesh	M	Mallavaram
284	ICT	ICT-11-21-35	Mr.	Alluchari	Akash	M	Seshapuram
285	ICT	ICT-11-21-36	Mr.	Pattam	Ramudu	M	Tirupati
286	ICT	ICT-11-21-37	Mr.	M	Vinay Kumar	M	Mittapalem
287	ICT	ICT-11-21-38	Mr.	Lake	Nagaraju	M	ST Colony
288	ICT	ICT-11-21-39	Mr.	Velumurugan	Venky	M	Perumallapalle
289	ICT	ICT-11-21-40	Mr.	Pattam	Lakshmanudu	M	Cherlopalle
290	ICT	ICT-11-21-41	Mr.	Medathati	Akhil	M	Narayanavanam
291	ICT	ICT-11-21-42	Mr.	Kolakati	Vamsi	M	Cherlopalle
292	ICT	ICT-11-21-43	Mr.	V	Dharan Teja	M	Chandragiri
293	ICT	ICT-11-21-44	Mr.	Bathala	Praveen	M	Bheemavaram

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
294	ICT	ICT-11-21-45	Mr.	Meka	Chandu	M	Srinivasa Mangapuram
295	ICT	ICT-11-21-46	Mr.	Konaki	Vamsi	M	Kandulavaripalli
296	ICT	ICT-11-21-47	Mr.	Kongara	Dilip	M	Cherlopalle
297	ICT	ICT-11-21-48	Mr.	Konaki	Leela Sankar	M	Kandulavaripalli
298	EWT	EWT-04-21-37	Mr.	Kokkati	Divyanth	M	
299	EWT	EWT-04-21-38	Mr.	Sivarathri	Muni Ganesh	M	
300	EWT	EWT-04-21-39	Mr.	Golla	Harish	M	
301	EWT	EWT-04-21-40	Mr.	Syed	Ajad	M	
302	EWT	EWT-04-21-41	Mr.	Shaik	Pakruddin	M	
303	EWT	EWT-04-21-42	Mr.	Bandla	Sai Vitesh	M	
304	EWT	EWT-04-21-43	Mr.	Vanka	Sumanth	M	
305	EWT	EWT-04-21-44	Mr.	Vakkanti	Jaswanth	M	
306	EWT	EWT-04-21-45	Mr.	Gummichetty	Lakshmi Sreenivas	M	Narasingapuram
307	EWT	EWT-04-21-46	Mr.	Govindhu	Jagadeesh	M	
308	EWT	EWT-04-21-47	Mr.	Marisetty	Saikumar	M	Arepalle
309	EWT	EWT-04-21-48	Mr.	Pocham Reddy	Mahesh Reddy	M	
310	EWT	EWT-04-21-49	Mr.	Shaik	Thouhid	M	
311	EWT	EWT-04-21-50	Mr.	Pagadala	Muni Teja	M	Mittapalem
312	EWT	EWT-04-21-51	Mr.	Racha	Venkat Chakravarthi	M	
313	EWT	EWT-04-21-52	Mr.	Muntha	Bharath Kumar	M	
314	EWT	EWT-04-21-53	Mr.	Hasavath	Madhu Sudhana Naik	M	
315	EWT	EWT-04-21-54	Mr.	Nallapareddy	Siva	M	
316	EWT	EWT-04-21-55	Mr.	Kolapanedi	Mohan	M	Mittapalem
317	EWT	EWT-04-21-56	Mr.	Virupakshi	Lokesh Reddy	M	Kotala
318	EWT	EWT-04-21-57	Mr.	Shaik	Mohammad Thaha	M	Kalur
319	EWT	EWT-04-21-58	Mr.	Yaram	Somu Sekhar	M	Narasingapuram
320	EWT	EWT-04-21-59	Mr.	Kalavakunta	Rahul Krishna	M	Chinnaramapuram
321	EWT	EWT-04-21-60	Mr.	Samayam	Yuvaraju	M	Kaluru
322	EWT	EWT-04-21-61	Mr.	Duppati	Venu	M	Chittoor
323	EM	EM-12-21-17	Mr.	Chattu	Saikumar	M	Peruru
324	EM	EM-12-21-18	Mr.	Lake	Nagarjuna	M	ST Colony
325	EM	EM-12-21-19	Mr.	Onti	Hemanth	M	Chandragiri
326	EM	EM-12-21-20	Mr.	Kolakati	Lakshmaiah	M	Srinivasa Mangapuram
327	EM	EM-12-21-21	Mr.	Alligeri	Jayanna	M	lthepalli


S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
328	EM	EM-12-21-22	Mr.	Pattam	Lakshmanudu	M	Cherlopalli
329	EM	EM-12-21-23	Mr.	Gurrapadu	Vineeth	M	MR Palli
330	EM	EM-12-21-24	Mr.	V	Venkatesh	M	Mallavaram
331	EM	EM-12-21-25	Mr.	Meka	Chandu	M	Srinivasa Mangapuram
332	EM	EM-12-21-26	Mr.	Gunthati	Harshavardhan	M	Mittapalem
333	EM	EM-12-21-27	Mr.	Sanavaram	Thilak	M	lthepalli
334	EM	EM-12-21-28	Mr.	Alluchari	Akash	M	Seshapuram
335	EM	EM-12-21-29	Mr.	Kolakati	Hemakumar	M	Rangampet
336	EM	EM-12-21-30	Mr.	Pattam	Ramudu	M	Cherlopalli
337	EM	EM-12-21-31	Mr.	Konaki	Leelashankar	M	Kandulavaripalli
338	EM	EM-12-21-32	Mr.	Bathala	Praveen	M	Bheemavaram
339	EM	EM-12-21-33	Mr.	M	Vinay Kumar	M	Mittapalem
340	EM	EM-12-21-34	Mr.	Medathati	Akhil	M	Narayanavanam
341	EM	EM-12-21-35	Mr.	Kongara	Dileep	M	Cherlopalli
342	EM	EM-12-21-36	Mr.	V	Dharan Teja	M	Chandragiri
343	EM	EM-12-21-37	Mr.	Velumurugam	Venky	M	Permallapalle
344	EM	EM-12-21-38	Mr.	Kolakati	Vamsi	M	Cherlopalli
345	EM	EM-12-21-39	Mr.	Konaki	Vamsi	M	Kandulavaripalli
346	APT	APT-05-21-26	Mr.	Peedi	Varshith	M	Tirupati
347	APT	APT-05-21-27	Mr.	Pasala	Bhavani Prasad	M	Brahmana Pattu
348	APT	APT-05-21-28	Mr.	Bestha	Siva Charan	M	Cherlopalle
349	APT	APT-05-21-29	Mr.	Mattavalam	Sridhar	M	Chinnagottigallu
350	APT	APT-05-21-30	Mr.	Koka	Chetan Kumar	M	Cherlopalle
351	APT	APT-05-21-31	Mr.	Sreerama	Prasanna Kumar	M	Tirupati
352	APT	APT-05-21-32	Mr.	Makkineni	Karthik	M	Mokkoti
353	APT	APT-05-21-33	Mr.	Bodaiahgari	Siddarth	M	Rangampet
354	APT	APT-05-21-34	Mr.	Kayam	Sudharshan	M	Rangampet
355	APT	APT-05-21-35	Mr.	Badisa	Harshavardhan	M	Cherlopalle
356	APT	APT-05-21-36	Mr.	Balireddy	Vishnuvardhan	M	Chinnagottigallu
357	APT	APT-05-21-37	Mr.	Golla	Sai Lohith	M	Kuchivaripalle
358	APT	APT-05-21-38	Mr.	Bogisetty	Dhanush Kumar	M	SM Puram
359	APT	APT-05-21-39	Mr.	Godlu	Gangulareddy	M	Rangampet
360	APT	APT-05-21-40	Mr.	Gonuguntla	Kiran	M	Rangampet
361	APT	APT-05-21-41	Mr.	Gangireddi	Ashok	M	Cherlopalle

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
362	APT	APT-05-21-42	Mr.	Vempalli	Venkata Sai	M	Arepalle
363	APT	APT-05-21-43	Mr.	Mangapathi	Kiran	M	C.L.Colony
364	APT	APT-05-21-44	Mr.	Daggumati	Mohan	M	Rangampet
365	APT	APT-05-21-45	Mr.	Vennapusa	Theja Vardhan	M	Kotala
366	APT	APT-05-21-46	Mr.	Pappaka	Gangadhar	M	Pullaiahgaripalle
367	APT	APT-05-21-47	Mr.	Emmubaigari	Mahabood Subhan	M	Koochivaripalle
368	APT	APT-05-21-48	Mr.	Danda Shaik	Sadiqali	M	Koochivaripalle
369	APT	APT-05-21-49	Mr.	Gunakagari	Charan Teja	M	Peruru
370	APT	APT-05-21-50	Mr.	Chandragiri	Avinash	M	Chandragiri
371	SDS	SDS-01-22-01	Mr.	Koneti	Sai Pavan	M	Tirupati
372	SDS	SDS-01-22-02	Mr.	Medi	Muni Prasad	M	SV Nagar
373	SDS	SDS-01-22-03	Mr.	Kunta	Lokesh	M	Rangampet
374	SDS	SDS-01-22-04	Mr.	NC	Abinash	M	Nagalapuram
375	SDS	SDS-01-22-05	Mr.	B	Muthu	M	SS Puram
376	SDS	SDS-01-22-06	Mr.	Kamampatti	Murali Krishna	M	Chenchu Raju Kandriga
377	SDS	SDS-01-22-07	Mr.	Karamthoti	Murali Naik	M	Kuchivaripalli
378	SDS	SDS-01-22-08	Mr.	M	Pavan Kumar	M	Rangampet
379	SDS	SDS-01-22-09	Mr.	D	Babu Niak	M	Mangapuram
380	SDS	SDS-01-22-10	Mr.	Nindra	Jaya Chandra	M	Tirupati
381	SDS	SDS-01-22-11	Mr.	Duddela	Ravi Vamsi	M	Tirupati
382	SDS	SDS-01-22-12	Mr.	Bathula	Ganesh	M	Rangampet
383	SDS	SDS-01-22-13	Mr.	Sathram	Mohan Sai	M	Cherlopalli
384	SDS	SDS-01-22-14	Mr.	A	Deeraj Sai	M	Chandragiri
385	SDS	SDS-01-22-15	Mr.	M	Pavan Kalyan	M	Balaji Colony
386	SDS	SDS-01-22-16	Mr.	M	Dinesh	M	Cherlopalli
387	SDS	SDS-01-22-17	Mr.	N	Prem Sai	M	Panapakam
388	SDS	SDS-01-22-18	Mr.	Vellor	Vinod Kumar	M	Bheemavaram
389	SDS	SDS-01-22-19	Mr.	Peddasari	Madhan	M	Cherlopalli
390	SMM	SDS-01-22-20	Mr.	K	Soma Shekar	M	Chandragiri
391	SMM	SDS-01-22-21	Mr.	Nainar	Chaitanya	M	MR Palli
392	SMM	SDS-01-22-22	Mr.	N	Sree Harsha	M	Tirupati
393	SMM	SDS-01-22-23	Mr.	Janjam	Uday Kiran	M	Renigunta
394	SMM	SDS-01-22-24	Mr.	Monra	Sai Kumar	M	Rangampet
395	SMM	SDS-01-22-25	Mr.	N	Ajay Ramesh	M	Narasingapuram

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
396	SMM	SMM-07-22-26	Ms.	Aithepalli	Pranathi	F	Bandarlapalli
397	SMM	SMM-07-22-27	Ms.	P	Reddy vandana	F	Tirupathi
398	SMM	SMM-07-22-28	Ms.	Kothapalli	Joshitha mohan	F	Chandragiri
399	SMM	SMM-07-22-29	Mr.	Ganugapenta	M.Venkatesh	M	Tirupathi
400	SMM	SMM-07-22-30	Ms.	D	Rajesh	M	Kotala
401	SMM	SMM-07-22-31	Mr.	Indala	Kushal kumar	M	Rangampeta
402	SMM	SMM-07-22-32	Mr.	C	Reddy Kumar	M	C.G.Palli
403	SMM	SMM-07-22-33	Mr.	K.S	Sirraaj ul arifeen	M	Chandragiri
404	SMM	SMM-07-22-34	Mr.	C	Sashipreetham	M	Tirupathi
405	SMM	SMM-07-22-35	Ms.	A	Padmavathi	F	Tirupathi
406	SMM	SMM-07-22-36	Ms.	B	Lavanya kumari	F	Bheemavaram
407	SMM	SMM-07-22-37	Mr.	Akkim	Koteswara rao	M	Tirupathi
408	SMM	SMM-07-22-38		B	Kavitha	M	Narasingapuram
409	SMM	SMM-07-22-39	Mr.	C	Tammi selvan	M	Cherlopalli
410	SMM	SMM-07-22-40	Ms.	Konalam	Keerthi	F	Chandragiri
411	SMM	SMM-07-22-41	Mr.	Sreeramula	Narasimhudu	M	Kuchivaripalli
412	SMM	SMM-07-22-42	Ms.	Harijana	Deepthi	F	Rangampeta
413	SMM	SMM-07-22-43	Mr.	R	Sai Bhargav	M	Kognareddy palli
414	SMM	SMM-07-22-44	Mr.	E	Teja	M	Cherlopalli
415	CTB	SMM-07-22-45	Ms.	K	Lohitha reddy	F	pudipatla
416	CTB	SMM-07-22-46	Mr.	B.	Vignesh	M	Bandarlapalli
417	CTB	SMM-07-22-47	Mr.	T	Dharma Teja	M	Chandragiri
418	CTB	SMM-07-22-48	Mr.	P	Prudvi Sai	M	Chandragiri
419	CTB	SMM-07-22-49	Mr.	A	Ganesh	M	Narasingapuram
420	CTB	SMM-07-22-50	Mr.	Bandi	Sreekanth	M	Rangampeta
421	CTB	CTB-01-22-01	Ms.	D	Malliswari	F	Sanambatla
422	CTB	CTB-02-22-02	Ms.	D	Amaravathi	F	Sanambatla
423	CTB	CTB-03-22-03	Ms.	A	Krishnamma	F	Sanambatla
424	CTB	CTB-04-22-04	Ms.	K	Ramadevi	F	Sanambatla
425	CTB	CTB-05-22-05	Ms.	A	Ooha	F	Sanambatla
426	CTB	CTB-06-22-06	Ms.	K	Kusumamba	F	Sanambatla
427	CTB	CTB-07-22-07	Ms.	B	Nagabushanamma	F	Sanambatla
428	CTB	CTB-08-22-08	Ms.	K	Kavitha	F	Sanambatla
429	CTB	CTB-09-22-09	Ms.	T	Munemma	F	Sanambatla

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
430	CTB	CTB10-22-10	Ms.	P	Sulochana	F	Sanambatla
431	CTB	CTB-11-22-11	Ms.	P	Vallemma	F	Sanambatla
432	CTB	CTB-12-22-12	Ms.	P	Nageswaramma	F	Patha Sanambatla
433	CTB	CTB-13-22-13	Ms.	T	Sumathi	F	Patha Sanambatla
434	CTB	CTB-14-22-14	Ms.	K	Sailaja	F	Kotala
435	CTB	CTB-15-22-15	Ms.	G	Yerramma	F	Kotala
436	CTB	CTB-16-22-16	Ms.	G	Puja	F	K.V.Palli
437	CTB	CTB-17-22-17	Ms.	N	Subbalaxmi	F	Harijanawada
438	CTB	CTB-18-22-18	Ms.	G	Swapna	F	B.G.Palli
439	CTB	CTB-19-22-19	Ms.	M	Vijaya	F	Bhimavaram
440	CTB	CTB-20-22-20	Ms.	T	Bharathi	F	Bhimavaram
441	CTB	CTB-21-22-21	Ms.	D	Surekha	F	Chandragiri
442	CTB	CTB-22-22-22	Ms.		Nagamma	F	Narasingapuram
443	CTB	CTB-23-22-23	Ms.	V	Hemachandrika	F	Kotala
444	CTB	CTB-24-22-24	Ms.	G	Prasanthi	F	Kuchivaripalli
445	CTB	CTB-25-22-25	Ms.	G	Neelavathi	F	Bhimavaram

Details of the Inter-disciplinary Centre’s are furnished below.

S.No.	Name of the Centre	Description	Photo	Outcomes	Inter Disciplinary Departments
1.	MEMS Research Centre (NMDC)	The Centre motivates the research activity in the field of MEMS by proper utilization of the facilities provided by NPMASS from design to fabrication of prototype MEMS products and specific field applications. NMDC is equipped with licensed software such as COVENTOR MEMS+, Intellisuite and COMSOL under National Program on Micro and Smart Systems (NPMASS).The Centre focuses on design, model and fabrication of the MEMS/NEMS devices. Nano electronics lab of the centre has the materials depositing units (PVD and spin-coater), digital annealing unit and VI analyser for device fabrication.		<ul style="list-style-type: none"> •Development of Novel MEMS Devices: The center has successfully developed and prototyped several novel MEMS devices. These devices are characterized by their miniaturization, low power consumption, and high precision, enabling applications in various industries such as healthcare, aerospace, and telecommunications. •Enhanced Sensing and Actuation Capabilities: The research center has made remarkable progress in improving the sensing and actuation capabilities of MEMS devices. By integrating advanced materials, innovative fabrication techniques, and state-of-the-art sensors, the center has achieved enhanced performance, sensitivity, and reliability in MEMS-based sensors and actuators. •Integration of MEMS with Other Technologies: The center has 	Physics and ECE

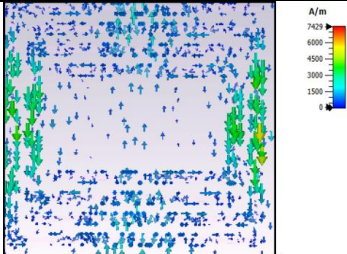
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(Act No.3 of 2016 & 40 of 2023)

				<p>focused on integrating MEMS with other technologies to unlock new functionalities and applications. This includes the integration of MEMS with microelectronics, nanotechnology, and wireless communication, leading to the development of smart systems and Internet of Things (IoT) devices.</p> <ul style="list-style-type: none"> • Miniaturization and Power Efficiency: One of the main objectives of the center is to further miniaturize MEMS devices while maintaining or improving their performance. Through advancements in microfabrication techniques and optimization of device designs, the research center has successfully reduced the size and power consumption of MEMS devices, making them suitable for portable and wearable applications. • Biomedical Applications: The MEMS Research Centre has dedicated efforts to explore and develop MEMS-based devices for biomedical applications. This includes the development of bio-sensing platforms, lab-on-a-chip systems, implantable devices, and microfluidic devices for 	
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				<p>diagnostics, drug delivery, and monitoring of physiological parameters.</p> <ul style="list-style-type: none"> • Collaboration and Industry Partnerships: The center actively collaborates with industry partners, research institutions, and governmental organizations to accelerate the translation of MEMS research into real-world applications. These partnerships facilitate technology transfer, commercialization of MEMS devices, and the development of practical solutions to address industry-specific challenges. 	
2.	Centre for VLSI & Embedded Systems	The Research Centre aims to engage faculties, researchers, and students in the latest research works and technologies through project involvement and collaboration with industries. Currently, center is actively engaging in research and development in the field of Low Power CMOS VLSI Design, Circuit and Device Modelling in VLSI Applications, Network on Chip, Energy Harvesting Applications, Wearable Devices, Sensors in Medical and Environmental	 <p>Current distribution plot at 3.045 THz.</p>	<ul style="list-style-type: none"> • Developed innovative low-power VLSI designs for energy-efficient electronic devices. • Produced research publications in top-tier conferences and journals, contributing to the academic community. • Collaborated with industry partners to transfer technology and implement real-world applications. • Trained and produced highly skilled engineers specialized in VLSI and embedded systems. • Secured research grants and funding for further advancements in the field. 	ECE, EEE, CSE, AIML, DS, and CA

		<p>Applications, Error Mitigation in High Density Memories, Remote Sensing, IOT Application, and other related areas.</p> <p>S/w and H/w available</p> <ul style="list-style-type: none"> • Mentor Graphics • Xilinx ISE • Xilinx VIVADO • Advanced FPGA Boards • OrCAD SPICE • Micro wind 			
3.	Centre for Intelligent Computing	<p>The Centre for Intelligent Computing is a research center located at Mohan Babu University. The Intelligent Computing Research Centre is focused on the development of Intelligent Computing algorithms and models for solving real world problems. The members are actively working in the area of Intelligent Computing and its related research fields like Computer Vision, Image/Speech/Video Processing, Medical Image Processing, Natural language Processing and Smart applications, etc., The Research Centre has essential infrastructure to conduct independent and interdisciplinary Research.</p>		<ul style="list-style-type: none"> • Advanced Algorithms: The research centre has developed cutting-edge algorithms for various domains, including machine learning, natural language processing, and computer vision. • Industry Collaborations: The centre has established collaborations with leading industries, fostering technology transfer and facilitating the implementation of intelligent computing solutions in real-world applications. • Publications and Conferences: Researchers at the centre have published numerous papers in reputable journals and presented 	ECE, EEE, CSE, MECH, AIML, DS, and CA

				<p>their work at international conferences, contributing to the advancement of the field.</p> <ul style="list-style-type: none"> • Student Engagement: The centre actively engages students in research activities, providing them with opportunities to work on challenging projects and gain hands-on experience in intelligent computing. • Technological Innovations: The centre has produced several innovative technologies, such as intelligent systems for automated decision-making, intelligent data analytics tools, and intelligent robotics solutions, with potential applications across various industries. 	
4.	Applied Renewable Energy Research Lab	The Applied Renewable Energy Research Lab at Mohan Babu University is a dedicated facility focused on advancing research and development in the field of energy. It aims to explore innovative technologies, sustainable energy sources, and promote energy efficiency to address the growing energy challenges of today's world.		<ul style="list-style-type: none"> • Renewable Energy Technologies: The center has made significant contributions in developing and implementing renewable energy technologies such as solar power, wind energy, and biomass utilization. • Energy Efficiency Solutions: Researchers have focused on enhancing energy efficiency in various sectors, including buildings, transportation, and industrial processes, leading to 	EEE and MECH

				<p>reduced energy consumption and lower carbon emissions.</p> <ul style="list-style-type: none"> • Policy Development: The center has actively participated in policy discussions and provided valuable insights to shape energy policies at regional and national levels, promoting sustainable energy practices. • Knowledge Dissemination: Through workshops, seminars, and publications, the center has disseminated knowledge on energy related topics, empowering students, professionals, and the wide community. • Industry Collaborations: The center has established partnerships with industry stakeholders, fostering collaborations to facilitate technology transfer, commercialization of innovations, and the development of sustainable energy solutions. 	
5.	Computer Networks and Cyber Security Research Center	The Computer Networks and Cyber security Research Centre at Mohan Babu University is a dedicated facility that conducts innovative studies in the fields of computer networks and cyber security. Its primary focus is on the development of advanced technologies and		<ul style="list-style-type: none"> • Improved network security: The research center at Mohan Babu University has contributed to the development of advanced techniques and strategies to enhance network security, safeguarding sensitive data from cyber threats. 	EEE, ECE, CSE, AIML, DS, and CA

		<p>strategies for protecting information systems, detecting threats, and improving network performance and security.</p>		<ul style="list-style-type: none"> • Cyber security awareness: The center's initiatives have raised awareness about cyber security among students, faculty, and the community, promoting best practices and responsible digital behavior. • Advanced threat detection: Through innovative research, the center has developed sophisticated tools and methodologies for detecting and mitigating cyber threats, helping organizations proactively safeguard their networks. • Industry collaboration: The research center actively collaborates with industry partners, fostering mutually beneficial relationships and facilitating the transfer of knowledge and technology for practical cyber security applications. • Research publications: The center's researchers have published numerous papers in reputable conferences and journals, contributing to the global body of knowledge in computer networks and cyber security and inspiring further advancements in the field. 	
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6.	Data Analytics Research Centre	<p>The Data Analytics Research Centre at Mohan Babu University is a hub of innovative research, focusing on exploring and harnessing the power of data analytics. With cutting-edge technologies and a team of expert researchers, the center aims to drive data-driven insights and solutions for various industries.</p>		<ul style="list-style-type: none"> • The Data Analytics Research Centre at Mohan Babu University has developed innovative algorithms that significantly improve data processing and analysis efficiency. • The Centre's research has led to the development of cutting-edge data visualization tools that enhance data interpretation and decision-making. • The Centre's studies have contributed to the advancement of machine learning techniques, enabling more accurate predictions and insights from complex datasets. • Research conducted at the Centre has resulted in the creation of data privacy and security frameworks that protect sensitive information while facilitating data analytics. • The Centre's collaborations with industry partners have led to the implementation of data analytics solutions that optimize business processes and improve organizational performance. 	<p>EEE, MECH, CIVIL, ECE, CSE, AIML, DS, and CA</p>
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Information about the Consultancy



BILLED TO
SAGRI BENGALURU PRIVATE LIMITED
22, Salarpuria Towers – I, 4th Floor,
91 Springboard, Hosur Road,
Kormanagala, Bengaluru – 560 085,
Karnataka!

Invoice

INVOICE NUMBER
SVEC/CSE/CS-2022/0002

DATE OF ISSUE
08/03/2022

DESCRIPTION
Development of Agricultural land
monitoring system using satellite image
processing techniques – IInd Phase
payment

COST
INR 2,00,000

AMOUNT
INR 2,00,000

SUBTOTAL INR 2,00,000

(TAX RATE) --

TAX NIL

INVOICE TOTAL
INR **2,00,000**

BANK ACCOUNT DETAILS :

NAME OF THE AC HOLDER	CONSULTANCY TESTING
ACCOUNT NUMBER	154010100045790
NAME OF THE BANK	UNION BANK OF INDIA
IFSC CODE	UBIN0815403
AMOUNT	2,00,000 INR

Authorized Signatory


Dept. of Computer Science & Engineering
SREE VIDYANIKETHAN ENGINEERING COLLEGE
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NON-GOVERNMENT/CONSULTANCY PROJECTS

S No	Name of the Consultant	Name of Consultancy project	Consulting/Sponsoring agency with contact details	Year of sanction	Received Amount (₹ in Lakshs)	1st Phase Received ₹
1	Dr.B.Narendra kumar Rao, Dept.of CSE, Mohan Babu Univerisity	EPR & Laboratory Managemen t Software	Crystal Diagnostic Center, Tirupati, 10-13-514, Reddy&Reddy Colony. Crystaltpt@yahoo.com ph:087-6667708	2023	5,10,000	5,10,000
2	Dr.K.Neelima, Assistant Profeesor, Dept.of ECE, Mohan Babu University	Hardware and Software Modeling of a Cartesian Gantry Robot	Managing Partner, Mectronics Marketing Services, 535, 2nd Floor, Functional Industrial Estate Patparganj Industrial Estate Patparganj Industrial Area, New Delhi, India	2023	28,00,000	26,00,000
3	Dr.Ramesh Raju, Dept.of Mechanical Engineering, Mohan Babu University	Process Automation	Sreenidhi Raja Packing Solutions Pvt Ltd Shed No:4, 1.D.A, Gajulamandyam, Chittoor(Dist), Tirupati-517520, A.P. e-mail: rsg @ sreenidhiraja.com Tel:+91-9581442755	2023	8,81,000	8,81,000
4	Dr. N.M.G. Kumar, Dept. of Electrical & Electronics Engineering, Mohan Babu University	Energy Audit	Sai Balaji Agro Foods (Ltd), Kanchi, Vellore (Dist).	2023	50,000.00	50,000
5	Dr. K. Leleedhar Rao, Dept. of Electrical & Electronics Engineering, Mohan Babu University	Design of Electrical System for G+5 Building Complex	Adesh Elelctricals, G-6, SMR TOWERS, OPP: SKSC DEGREE COLLEGE, Korrapadu Rd, Bhagath Singh Colony, Proddatur-516360, A.P. Mobile No: 9704135744	2023	86,100.00	86,100
6	Dr.B.Narendra kumar Rao Professor, School of Computing , Mohan Babu Univerisity	Perfomance improvemen t of Inventory managemen t system by an automated warehouse system	M/s.Kamalveer Systems, Begumpet, Secunderabad, Telangana-500016	2023	41,46,000.00	25,00,000
TOTAL AMOUNT INR					84,73,100	₹ 66,27,100



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(Act No: 3 of 2016 & 40 of 2023)

Annexure-16.i

Information about the Externally Funded Research Projects

GOVERNMENT PROJECTS

S.No	Name of the Scheme/Project/Endowments/ Chairs	Name of PI/ Co-PI (if applicable)	Funding Agency	Year of sanction	Duration	Fund Sanctioned (₹ in lakhs)
1	Science Technology Innovation Hub	Dr. T. Devaraju, PI	DST-STI	2020-21	3 Years	₹ 36,130,000
2	AMT-DST Funded Project Title: Development of Automated Fixture for Friction Stir Welding of Defence grade AA5083/AA7075 Pipes	Dr. S. Ragu Nathan, PI	DST-TDT-AMT	2021-22	3 Years	₹ 3,989,000.00
3	AICTE IDEA (Idea Development Evaluation and Application) LAB	Dr. N.Padmaja, Coordinator Dr. B. Sachuthanathan, Co-coordinator	AICTE	2021-22	2 Years	₹ 11,396,000.00
4	SPICES-Coding Club	Dr.M.Sunil Kumar, PI Dept. of CSE	AICTE	2022-23	01 year	₹ 220,000.00
5	"Vignana Vihangam": (Development of School Teachers as Resource Persons in Physics Experiments for Rural Area Students using Low- Cost Teaching Aids)	Dr.M.V.Sasi Kumar, PI Dr. Y.B.Kishore, Co-PI	DST-NCSTC-LOW COST	2022-23	9 Months	₹ 2,926,000.00
6	Creating Awareness of Basic Science through Science Fair among Rural and Semi- Urban School Students in Chittoor District (CO/A/FP/E171/2021)	Dr. B.Eswari, PI Dr. P.Geetha, Co-PI Dr.P.Leela Rani, Co-PI	DST-NCSTC-LOW COST	2022-23	06 Months	₹ 2,220,000.00
7	Nurturing Young Minds with Foundation in Artificial Intelligence and Data Science; Awareness approach for region of Chittoor District	PI: Dr.Narendra Kumar Rao, CO-PI: Dr.P.Vishnu Prasanth, SVEC	DST-NCSTC-CCOP	2022-23	09 Months	₹ 2,260,000.00
8	Creating awareness on foundations of cloud computing platforms for nurtuting innovation in young minds.	Dr. J. Avanija, PI CO-PI, Dr.G.Suneeta Dept. of CSE	DST-NCSTC-CCOP	2022-23	09 Months	₹ 2,290,000.00
					Total	₹ 61,431,000.00


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Annexure-16.i

Information about the Educational Program Arranged

S.No.	Dept.	Year	Name of the event	Number of Participants	Date From – To
1	AI&ML	2022	Career Opportunities in Full Stack Development	72	12.04.2022
2	AI&ML	2022	Code Kaze Coding Contest Season-2	240	06.03.2022
3	AI&ML	2022	Code Mania Feb'22	150	20.02.2022
4	AI&ML	2022	Android Development Using React JS	60	05.03.2022 to 18.03.2022
5	AI&ML	2022	Data Visualization with Python	60	19.02.2022 to 26.02.2022
6	AI&ML	2022	Artificial Intelligence and Machine Learning	45	31.01.2022 to 04.02.2022
7	AI&ML	2023	Expert Lecture on "Cloud CRM: Salesforce"	47	30.10.2023
8	AI&ML	2023	Expert Lecture on "Guiding Your Career Journey: Packaged App Development"	62	18.8.2023
9	AI&ML	2023	Expert Lecture on Advanced Programming Concepts in Python	54	26.5.2023
10	AI&ML	2023	Expert Lecture on Certification Prospects in Cloud Computing	100	25.3.2023
11	AI&ML	2023	workshop on Introduction to Artificial Intelligence & Machine Learning	37	31.07.2023 to 04.08.2023
12	DS	2022	Expert Lecture on Career Opportunities in Data Analytics by Ms.P. G. Saranya, Software Engineer, Infosys Ltd, Bangalore	52	28.11.2022
13	DS	2022	Expert Lecture on Fundamentals of Microsoft Azure by Mr. U. Sandeep Reddy, Application Developer, IBM, Bangalore	60	07.07.2022
14	DS	2022	Expert Lecture on SAP Modules by Mr. D.Pavan kumar ,Senior Developer, SAP LABS, Bangalore and Mr.Trilok, Software Engineer-II, Microsoft, Hyderabad	73	25.07.2022
15	DS	2022	Expert Lecture on AWS Cloud Fundamentals by Mr. C.H. Gopi Raju, Technical Skill Trainer, Annapoorna Info Tech, Vijayawada	56	22.06.2022
16	DS	2022	Expert Lecture on Programming with Android by Mr. S. Rajesh Reddy, Senior Consultant, Deloitte, Bangalore	63	2.05.2022
17	DS	2022	Expert Lecture on Cloud Platform Services by Mr. S. MuralidharReddy,Data Analyst,KPMG Global Services,Bangalore.	71	11.05.2022
18	DS	2022	Expert Lecture on Real Time Applications of Machine Learning by Dr. Humera Khanam, Professor, S. V. U. College of Engineering, Tirupati	120	8.4.2022
19	DS	2022	Internet of Things- Reality and Applications by Dr. Koppala Guravaiah, Asst. Professor, IIIT,Kottayam,kerala	120	8.3.2022
20	DS	2022	SDP on Machine Learning using Python by Mr. Ch. Gopi Raju, Technical Trainer, APSSDC	120	21.03.2022 to 26.03.2022

S.No.	Dept.	Year	Name of the event	Number of Participants	Date From – To
21	DS	2022	Alumni Talk on "PREPARATION GUIDANCE FOR IELTS" by Mr. K. Siddhartha, Software Engineer, Infosys, Bangalore	73	17.06.2022
22	DS	2022	Expert Lecture on "Programming with Python" by Mr.K.Ravi, Software Engineer, Deloitte Bangalore.	65	04.11.2022
23	DS	2022	Guest Lecture on "CAREER GUIDANCE" by E.DHEERAJ, Alumni	50	16.08.2022
24	DS	2022	Expert Lecture on Amazon Web Services, by Ms.D.Manasa, Software Engineer, Catalog Lead , Bangalore	64	28.11.2022
25	DS	2022	Guest Lecture on Awareness on Higher Education by Ms. Sharanya, Management Consultant, Accenture, Bangalore	67	29.11.2022
26	DS	2022	Guest Lecture on Job opportunities in Cloud Computing, by Ms. Sowmya, Software Developer, Infosys, Bangalore	63	05.11.2022
27	DS	2022	Expert Lecture on SpringBoot by Mr. S.Amareswara Varma, Software Developer, Simplify3X, Bangalore	61	22.11.2022
28	DS	2022	Guest lecture on Job Opportunities on Cloud Technologies by Mr. Narshimha sai, Software Engineer, Envestnet,Banglore	68	15.10.2022
29	DS	2022	Guest Lecture on Tips for campus placement selection by Ms. Pragathi, and Ms. Sumanjusha,	70	26.10.2022
30	DS	2022	Guest lecture on Higher Education at Abroad by Mr. D. Bhanu Teja, Infosys, Bangalore	72	7.09.2022
31	DS	2022	Guest Lecture on Coding Techniques for Placements by Ms. G. Swetha, Software Engineer,Infosys and Ms. K. Yaseswini, Software Engineer, Wipro, Bangalore	70	26.09.2022
32	DS	2022	One day workshop on Practical Orientation on Big Data Technologies by Mr. K. Siva Rama Krishna, Sr. Developer-II, Open Access Technologies India Pvt. Ltd	90	27.09.2022
33	DS	2022	Guest Lecture on Overseas Education by Mr. S. Padma Kiran, Manager and Mr. Kranthi Kiran, CEO, Edge Overseas Consultancy, Vijayawada	130	21.09.2022
34	DS	2022	One Day Seminar on Personality Development by Dr. Asha Latha, principal, Sree Vidyanikethan Degree College, Tirupati	65	05.01.2022
35	DS	2022	One day Seminar on Business Plan Preparation by Ms. Jyothsna Priya, System Analyst, TCS, Bangalore	63	08.01.2022
36	DS	2022	Workshop on Internet of Things by Mr. B. Nagaraju and Mr. C. Srihari, Technical Trainers, APSSDC	100	03.01.2022 to 08.01.2022
37	DS	2022	Guest Lecture on Career Guidance and Resume Preparation by Mr. Narasimha Sai Kodavatikanti, Consultant Associate,Associate, Infor India Pvt Ltd, Hyderabad. And Mr. Jayaram SV,Digital Specialist Engineer,Infosys, Bangalore	120	14.02.2022
38	DS	2022	Expert Lecture on Essentials on Cloud Computing by Mr. N. Vinun Kumar,System Engineer,Infosys, Hyderabad	100	07.02.2022
39	DS	2022	Two day workshop on Cloud Native App Development byMr. Srinivas Kongara, Associate Manager, Accenture, Hyderabad	100	25.02.2022 and 26.02.2022


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40	DS	2022	Guset Lecture on Corporation Ethics by Mr. D. Uday Kiran Reddy, Senior Test Analyst, Accenture, Hyderabad	62	14.03.2022
41	DS	2022	A one day workshop on Data Science and its tools by Mr. Manoj Gali, Operations Placement Head, Enter AI	64	23.03.2022
42	DS	2022	An Industry Talk on Salesforce Developer Catalyst Plus Trailmix by Mr. Jay Prakash, National Lead, Salesforce	300	12.04.2022
43	DS	2022	National Intellectual Property Literacy Week in collaboration with National Intellectual Property Awareness mission by Ms. Lavanya Madduri, and Mr. Randhir Kumar, Examiner - Patents & Designs, Indian Patent Office, Chennai	290	26.04.2022 to 28.04.2022
44	DS	2022	Artificial Intelligence with Hands on by Dr. J. Arun Nehru, Assistant Professor (Sr. G), Department of Computer Science and Engineering, Faculty of Engineering and Technology, SRM Institute of Science and Technology,	70	14.05.2022
45	DS	2022	Expert Lecture on Hands on Cyber Threats by Dr. J. Naveen, Assistant Professor (S.G), Christ University, Bangalore	68	14.05.2022
46	DS	2022	Guest Lecture on Preparation for Competitive Exams -IELTS by Mr. T. Sai Narasimha, Senior System Engineer, Infosys, Hyderabad	59	27.05.2022
47	DS	2022	Expert Lecture on How to build Your AR effect using Spark AR by Mr. Lakshit Pant, AR Creator, Reskill-Spark AR, Bangalore	200	24.06.2022 to 25.06.2022
48	DS	2022	Guest Lecture on Duolingo Entrance exam for Masters in Abroad by Ms. B. Prathyusha, Software Engineer, Infosys, Hyderabad	64	20.08.2022
49	DS	2022	Expert Lecture on Cyber Security Essentials by Mr. Santosh Chaluvadi, Supraja Technologies, Vijayawada	130	05.07.2022
50	DS	2022	A seminar on Art of Harnessing Mind power by ISCON	120	14.12.2022
51	DS	2022	A one week FDP on Amazon Web Services in association with Brianovision	45	22.08.2022 to 27.08.2022
52	DS	2023	An Expert lecture on Fundamentals of Sales Force in Business Administration by Mr. Yaswanth, Software Engineer, Wipro Pvt. Ltd, Chennai	68	10.01.2023
53	DS	2023	An Expert lecture on Skillsets for Data Scientist by Mr. C. Venkata Shasidhar Reddy, Data Analyst, Kyndryl Solutions Pvt. Ltd, Hyderabad	65	27.01.2023
54	DS	2023	3. An Expert lecture on Bitcoin Price Prediction by Ms. K. Sowmya, Software Engineer, Infosys, Hyderabad	61	10.01.2023
55	DS	2023	A one day expert lecture on Python for Data Science by Dr. Senbagavalli M, Associate Professor (IT), Alliance University, Bangalore	120	29.12.2023
56	DS	2023	An expert lecture on Amazon Web Services by Ms. D. Manasa, Catalog Lead Amazon, Bangalore	60	28.12.2023
57	DS	2023	A Guest Lecture on Goal Setting and Career Opportunities in IT by Mr. T. Sripal, Software Engineer, Cognizant, Bangalore	62	01.02.2023
58	DS	2023	An Expert Lecture on Cyber Security: Career Opportunities by Mr. D. Sumedh (Alumni of IT), Cyber Security Analyst, Wipro, Bangalore	80	03.02.2023


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59	DS	2023	A Guest Lecture on General Awareness on Attending Interviews by Mr. Bharath V(Alumni of IT), Manager in TCS, Bangalore	75	17.02.2023
60	DS	2023	A Guest Lecture on Orientation Towards Higher Studies by Mr. Charan Sai killari (Alumni of IT) Product Engineer at Edge Verve (Infosys), Bagalore	70	21.02.2023
61	DS	2023	A Guest Lecture on Placement Preparation by Ms. R. Chandana, Software Developer, Hexaware Technologies, Bangalore	62	01.02.2023
62	DS	2023	A skill Development Program on AWS Cloud Computing in collaboration with APSSDC	120	01.03.2023 to 12.03.2023
63	DS	2023	A guest lecture on Job Opportunities in Web Development and resource person Ms. P. Deepanvi, Software Engineer, HSDI, Hyderabad	64	19.03.2023
64	DS	2023	An online Guest Lecture on Future Build with Full Stack by Ms. B. Yasmeen Shadab, Program Analyst, Cognizant, Chennai	61	3.3.2023
65	DS	2023	Awareness Program on Intellectual Property Rights (IPR) with Special Emphasis on Computer Related Inventions (CRI)Speaker: Mr. Nikhil Singh, Examiner- Patents; Designs, (Group A, Gazette),Indian Patent Office, Chennai.	300	19.04.2023
66	DS	2023	Guest lecture on Cyber Security Insights Speaker: Mr. Somanath Jadav, Senior Security Engineer-Tier3, Netsurion Technologies Pvt. Ltd, Bangalore	100	21.04.2023
67	DS	2023	An Online webinar on "Career Opportunities in Data Science" was organized under the MOU with APPMAKING.com pvt Ltd, Chennai, Speaker: Ms. BenitPrecila Joy, Lead Trainer, Appmaking. Com, Chennai	55	19.05.2023
68	DS	2023	A Guest Lecture on "Career Guidance - MS Program" Speaker: Mr. K. Chethan, Software Engineer, TCS, Hyderabad	60	29.05.2023
69	DS	2023	One day Guest Lecture on "Recruitment Process in Product based companies" by Mr. Ravi Kanth, Software Engineer, HashedIn, Hyderabad.	65	04.08.2023
70	DS	2023	One day Guest Lecture on "The Role of Coding skills in IT" by Ms. Fariha Lepakshi, Programmer analyst, Cognizant, Hyderabad.	60	04.08.2023
71	DS	2023	One day Guest Lecture on "CV Writing" by Ms. Himasree, Automation test engineer, IBM, Bangalore	59	04.08.2023
72	DS	2023	One Day Expert Lecture on Cyber Security Driven Industrial Applications by Resource Person Ms. Sai Vandana, Cyber Security Analyst Accenture Security, Bangalore Karnataka	63	30.08.2023
73	DS	2023	A one Week FDP on Innovation and Product Ideation Through Intelligent IoT Systems and Analytics Sponsored by AICTE- DEA Lab, SVEC	32	06.02.2023 to 11.02.2023
74	DS	2023	Career Development Program on "How to develop a Machine Learning Career?" for SC/ST students sponsored by AICTE-SPDP	105	10.03.2023
75	DS	2023	A guided learning program for students Aspiring to Corporate Worldor SC/ST students sponsored by AICTE-SPDP	105	15.03.2023


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76	DS	2023	Two Week Skill Development Program on "Game design using Unity-3D in association with APSSDC	191	24.07.2023 to 05.08.2023
77	DS	2023	Two Weeks Skill Development Program on AWS Cloud	210	01.03.2023 to 12.03.2023
78	DS	2023	One Week SDP on "Innovations Through Internet of Thing"	40	30.12.2022 to 04.01.2023
79	DS	2023	Value Added course on Digital technologies	239	30.09.2023 to 06.11.2023
80	DS	2023	Skill Development Programme on "AWS Cloud Fundamentals"	30	04.09.2023 to 09.09.2023
81	ECE	2022	I & E / Skill Development Program	35	21.11.2022 to 26.11.2022
82	ECE	2022	Skill Development Program	21	28.07.2022 to 30 .07.2022
83	ECE	2022	Skill Development Program	18	17.01.2022 to 28.01.2022
84	ECE	2022	Workshop (Industry)	12	22.08.2022 to 25.11.2022
85	ECE	2022	Workshop	100	04.07.2022 to 09.07.2022
86	ECE	2022	Skill Development Program	74	10.01.2022 to 04.02.2022
87	ECE	2022	Skill Development Program	43	17.06.2022 To 23.06.2022
88	ECE	2022	Skill Development Program	250	14.02.2022 to 05.03.2022
89	ECE	2022	Expert Lecture	68	03.02.2022
90	ECE	2022	Expert Lecture	128	25.07.2022
91	ECE	2022	Expert Lecture	50	25.07.2022
92	ECE	2022	Expert Lecture	50	20.06.2022
93	ECE	2022	Expert Lecture	43	02.08.2022
94	ECE	2022	Expert Lecture	88	16.02.2022
95	ECE	2022	Expert Lecture	66	22.01.2022
96	ECE	2022	Guest Lecture	54	25.06.2022
97	ECE	2022	Seminar	61	31.05.2022
98	ECE	2022	Seminar	236	23.03.2022
99	ECE	2022	Webinar	150	27.04.2022
100	ECE	2022	Skill Development Program	20	28.07.2022 to 30 .07.2022
101	ECE	2022	Career Counselling	100	22.11.2022
102	ECE	2022	Guest Lecture	70	13.03.2022
103	ECE	2022	Guest Lecture (Industry)	77	26.02.2022
104	ECE	2022	Expert / Guest Lecture (Industry)	77	02.09.2022
105	ECE	2022	Expert / Guest Lecture (Industry)	101	16.07.2022
106	ECE	2022	Expert / Guest Lecture (Industry)	65	20.08.2023
107	ECE	2022	Workshop (Industry)	60	25.03.2022

S.No.	Dept.	Year	Name of the event	Number of Participants	Date From – To
108	ECE	2022	Expert / Guest Lecture (Industry)	62	05.07.2022
109	ECE	2022	Expert / Guest Lecture (Industry)	40	06.07.2022 to 07.07.2022
110	ECE	2022	Expert / Guest Lecture (Academia)	68	23.07.2022
111	ECE	2022	Expert / Guest Lecture (Academia)	70	06.02.2022
112	ECE	2022	Expert / Guest Lecture (Academia)	100	15.12.2022
113	ECE	2022	Expert / Guest Lecture (Academia)	50	18.06.2022
114	ECE	2022	Expert / Guest Lecture (Academia)	150	22.04.2022
115	ECE	2022	Expert / Guest Lecture (Industry)	80	23.07.2022
116	ECE	2022	Expert Lecture	230	24.03.2022
117	ECE	2022	Expert Lecture	100	11.06.2022
118	ECE	2022	Expert Lecture	50	05.05.2022
119	ECE	2022	Expert Lecture	74	10.01.2022 to 04.02.2022
120	ECE	2022	Expert Lecture	68	22.10.2022
121	ECE	2022	Expert Lecture	53	15.10.2022
122	ECE	2022	Expert Lecture	75	09.12.2022
123	ECE	2022	Expert Lecture	100	08.12.2022
124	ECE	2022	Career Counselling	70	09.12.2022
125	ECE	2022	Career Counselling	50	27.02.2022
126	ECE	2022	Career Counselling	30	14.12.2022
127	ECE	2022	Career Counselling	72	13.10.2022
128	ECE	2022	Career Counselling	45	22.09.2022
129	ECE	2022	Career Counselling	50	21.09.2022
130	ECE	2022	Career Counselling	50	11.08.2022
131	ECE	2022	Career Counselling	50	15.03.2022
132	ECE	2022	Capacity Development Program	31	25.10.2022 to 30.10.2022
133	ECE	2022	Capacity Development Program	42	07.12.2022 to 09.12.2022
134	ECE	2022	Capacity Development Program	70	13.08.2022
135	ECE	2022	Capacity Development Program	77	09.04.2022 to 14.05.2022
136	ECE	2022	Capacity Development Program	30	30.04.2022
137	ECE	2022	Capacity Development Program	100	10.08.2022
138	ECE	2022	Capacity Development Program	60	23.05.2022 to 28.05.2022
139	ECE	2022	Capacity Development Program	100	07.04.2022 to 08.04.2022
140	ECE	2022	Capacity Development Program	50	03.12.2022

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141	ECE	2022	Capacity Development Program	30	21.11.2022 to 26.11.2022
142	ECE	2022	Capacity Development Program	69	06.07.2022
143	ECE	2022	Capacity Development Program	65	11.03.2022
144	ECE	2022	Guest Lecture (Industry)	45	08.01.2022
145	ECE	2022	Capacity Development Program	24	22.07.2022 to 29.07.2022
146	ECE	2022	Expert Lecture	100	05.05.2022
147	ECE	2022	Skill Development Program	55	17.01.2022 to 06.02.2022
148	ECE	2022	Expert Lecture	280	22.03.2022
149	ECE	2023	Value added course	50	17.10.2023 to 18.11.2023
150	ECE	2023	VALUE ADDED COURSE	42	22.07.2023 to 04.11.2023
151	ECE	2023	Student Development Program	150	22.05.2023 to 07.06.2023
152	ECE	2023	Boot Camp	30	06.01.2023 to 12.01.2023
153	ECE	2023	Stream Specific	60	18.08.2023 to 01.09.2023
154	ECE	2023	Stream Specific	45	14.06.2023 to 20.06.2023
155	ECE	2023	FDP	4	26.10.2023
156	ECE	2023	FDP	3	07.08.2023 to 11.08.2023
157	ECE	2023	FDP	4	20-02.2023 to 24-02-2023
158	ECE	2023	Expert Lecture	87	17.10.2023
159	ECE	2023	Expert Lecture	100	10.11.2023
160	ECE	2023	Expert Lecture	50	24.01.23
161	ECE	2023	Expert Lecture	100	07.11.2023
162	ECE	2023	Expert Lecture	60	02.08.2023
163	ECE	2023	Workshop	60	25.09.2023 to 30.09.2023
164	ECE	2023	Expert Lecture	120	22.05.2023
165	ECE	2023	Guest Lecture	100	04.01.2023
166	ECE	2023	Guest Lecture	91	09.09.2023
167	ECE	2023	Seminar	60	01.09.2023
168	ECE	2023	Seminar	60	31.05.2023
169	ECE	2023	Guest Lecture	65	04.08.2023
170	ECE	2023	VALUE ADDED COURSE	44	14.03.2023
171	ECE	2023	Student Development Program	60	31.07.2023 to 05.08.2023
172	ECE	2023	Guest Lecture	45	10.09.2023
173	ECE	2023	Expert Lecture	100	24.08.2023


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174	ECE	2023	Expert Lecture	60	22.09.2023
175	ECE	2023	Expert Lecture	60	22.09.2023
176	ECE	2023	Capacity development	35	28.03.2023
177	ECE	2023	Capacity development	100	09.08.2023
178	ECE	2023	Skill development program	50	17.10.2023 to 18.11.2023
179	ECE	2023	Workshop	21	18.08.2023 to 19.08.2023
180	ECE	2023	Skill development program	40	12.01.2023
181	ECE	2023	SDP-Skill development program	50	21.10.2023 to 18.11.2023
182	ECE	2023	Expert Lecture	60	03.08.2023
183	ECE	2023	Skill development program	48	24.07.2023 to 29.07.2023
184	ECE	2023	Expert Lecture	90	05.03.2023
185	EEE	2023	Intellectual Property Rights (IPR) with "Electrical, Electronics, Communication and Instrumentation related inventions"	346	18.04.2023
186	EEE	2023	Project Expo	27	02.05.2023
187	EEE	2023	Awareness program on Women's Health & Wealth	30	15.05.2023
188	EEE	2023	Webinar on Health is wealth	36	18.05.2023
189	EEE	2023	A Two-Day Workshop on "Exploring IDEA Lab facilities for Innovations"	20	26.05.2023 to 27.05.2023
190	EEE	2023	workshop on "Yoga to de-stress and increase the productivity for working professionals"	30	20.06.2023
191	EEE	2023	Skill development program on "Empowering Professional and soft skills"	25	10.07.2023 to 14.07.2023
192	EEE	2023	An Expert Lecture on Application of Android Apps in Automobile	85	07.08.2023
193	EEE	2023	An Expert Lecture on Accelerating the Motor Development using FEM Simulation	147	19.08.2023
194	EEE	2023	An Industry Oriented Expert Lecture on The Role of Multi-Fuel Generator in Modern Power Grid: Operation, Control and Maintenance	65	30.10.2023
195	EEE	2023	Expert Lecture on Career opportunities & Professional Upgradation in the competitive world	230	03.11.2023
196	EEE	2023	Expert Lecture on Design and Flow Analysis for a cage value configured for gas turbine.	80	08.12.2023
197	EEE	2023	Expert Lecture on Finite Element Analysis Permanent Magnet Switched Reluctance Motor for Electrification Systems	40	12.12.2023
198	EEE	2023	Importance of IEEE Organizational and Societal Memberships	33	09.02.2023
199	EEE	2023	Women in Leadership	35	13.02.2023
200	EEE	2023	Effect of Hormonal imbalance on Women's Health and Fitness	35	14.02.2023
201	EEE	2023	How to beat your Stress	35	15.02.2023

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202	EEE	2023	Women Innovation and Entrepreneurship	35	15.02.2023
203	EEE	2023	Reshaping Gender Attitudes to promote Gender Equality and Women Empowerment	30	17.02.2023
204	EEE	2023	A skill development program on competitive coding	139	27.03.2023
205	EEE	2023	National Skill Development Program on Python"	57	27.03.2023 to 08.03.2023
206	EEE	2023	Industry expert lecture on present job opportunities in electrical companies like ABB, GE, L&T, Amaron etc.	48	07.05.2023
207	EEE	2023	Recent Trends in Solar Powered Agro-Appliances	52	10.05.2023
208	EEE	2023	Industry expert lecture on the importance of learning of latest technologies useful in upgrading of job life	75	20.05.2023
209	EEE	2023	Guest Lecture on Career opportunities through GATE exam	30	21.07.2023
210	EEE	2023	Initial Confronts at software for Electrical Graduates	50	27.07.2023
211	EEE	2023	One Week Faculty Development Program On "From Ideas to Assets through Intellectual Property Rights	30	04.12.2023 to 09.12.2023
212	EEE	2023	One week FDP on Intellectual Property Rights (IPR) MBU IPR Cell	30	17.04.2023- 22.04.2023)
213	EEE	2023	"Exploring IDEA Lab facilities for Innovations	20	26.05.2023 to 27.05.2023
214	EEE	2023	A Student Development Program "INTERNET OF THINGS INDUSTRY 4.0	40	09.08.2023 to 26.09.2023 (Saturdays)
215	EEE	2023	Value Added Course On Embedded System Application towards Innovation	68	01.08.2023 to 26.08.2023
216	EEE	2023	Skill Development Program on Python	57	27-03-2023 to 08-04-2023
217	EEE	2023	Skill Development Program "Electrical Home Foundation	64	19.08.2023 to 31.08.2023
218	EEE	2023	Skill Development Program "Electrical Home Foundation	64	15.09.2023 to 31.09.2023
219	EEE	2023	Skill Development Program "Electrical Home Foundation	62	06.11.2023 to 22.11.2023
220	EEE	2023	Certified Training Programs in relevance to "Solar Photo Voltaic Systems	60	26.10.2023 to 28.10.2023
221	EEE	2023	Certified Training Programs in relevance to "Solar Photo Voltaic Systems	60	07.11.2023 to 09.11.2023
222	EEE	2023	Certified Training Programs in relevance to "Solar Photo Voltaic Systems	60	12.10.2023 to 14.10.2023
223	EEE	2023	Certified Training Programs in relevance to "Solar Photo Voltaic Systems	60	02.11.2023 to 04.11.2023
224	EEE	2023	Certified Training Programs in relevance to "Solar Photo Voltaic Systems	60	05.10.2023, 06.10.2023 and 07.10.2023
225	EEE	2023	Certified Training Programs in relevance to "Solar Photo Voltaic Systems	60	18.08.2023, 19.08.2023 and 24.08.2023
226	EEE	2022	An Expert Lecture on Prospects & Challenges in Renewable Energy	150	20.08.2022
227	EEE	2022	Carrier guidance on Recent Developments and opportunities in EV industry	40	05.08.2022
228	EEE	2022	Electrical and Electronics systems in Vehicular	68	17.09.2022

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229	EEE	2022	3I – Ideation, Innovation, and Incubation"	41	07.12.2022
230	EEE	2022	Technological Innovations in Electric Vehicle	29	19.11.2022
231	EEE	2022	Multilevel Inverters for Renewable Energy Systems	35	10.12.2022
232	EEE	2022	Concept to FAT of Vision-Based Medical Implant System with feedback using ML (A Model-Based Approach)	120	29.12.2022
233	EEE	2022	Advanced Energy Management Strategies for Fuel Cell Vehicles	120	30.12.2022
234	EEE	2022	The Core of Emerging and Using Artificial Intelligence Approaches	120	31.12.2022
235	EEE	2022	An expert lecture on "Yoga for Humanity"	250	21.06.2022
236	EEE	2022	An industry oriented Expert Lecture on "Nuclear Energy - A Carbon Free Roadmap to Future"	120	07.06.2022
237	EEE	2022	An expert lecture on Energy crisis in India	150	24.05.2022
238	EEE	2022	Awareness program on Safety During Crisis through Disha App	1500	13.05.2022
239	EEE	2022	An Expert lecture on Career Orientation Session on Gate-Way to higher Education and Career Opportunities through GATE	233	05.05.2022
240	EEE	2022	An expert lecture on Technical Careers in ICC Urban	93	30.04.2022
241	EEE	2022	An Expert lecture on "Innovation and Entrepreneurship"	120	29.04.2022
242	EEE	2022	An Expert lecture on Career in IT & Opportunities at Infosys.	200	22.04.2022
243	EEE	2022	An expert lecture on Power System Protection	95	17.03.2022
244	EEE	2022	An Industry oriented Expert Lecture on Motor Control for Electric vehicles	103	09.03.2022
245	EEE	2022	A Seminar on Soft Skills and Career Development	150	25.02.2022
246	EEE	2022	A Webinar on Cancer Prevention and Healthy Lifestyle	170	02.02.2022
247	EEE	2022	An Expert lecture on Power Electronics Applications in Transportation	95	26.01.2022
248	EEE	2022	An Expert lecture on Product Life Cycle Development	90	22.01.2022
249	EEE	2022	A Webinar on BETI BACHAO BETI PADHAO	101	24.01.2022
250	ME	2022	Expert Lecture on "Developments in Cr-Mo Steels for High Temperature Applications" isassociation with IWS student chapter.	60	3/5/2022
251	ME	2022	Guest Lecture on "Advertising and Consumer Protection"	112	3/15/2022
252	ME	2022	Guest Lecture on "Opportunities for Mechanical Engineers"	119	6/2/2022
253	ME	2022	Guest Lecture on "Recent Trends in Mechanical Engineering"	97	6/3/2022
254	ME	2022	Guest Lecture on "Innovation technics"	95	6/4/2022
255	ME	2022	An Expert Lecture on "Materials characterization and its methods" association with IWS	65	6/7/2022



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S.No.	Dept.	Year	Name of the event	Number of Participants	Date From – To
256	ME	2022	An Expert Lecture on " The Past, Present and Future of Electric Vehicle Technology - A Global Scenario " association with SVEC-ASME	52	6/18/2022
257	ME	2022	A Guest Lecture on "Higher Studies and Job Opportunities in South Korea"	118	7/1/2022
258	ME	2022	An Expert talk on "3D Printing Technology for Manufacturing"	40	7/1/2022
259	ME	2022	Expert Lecture on "Job Opportunities in Mechanical Engineering"	55	7/30/2022
260	ME	2022	Expert Talk on "How to Upskill for Better Employment opportunity?"	44	8/12/2022
261	ME	2022	Expert Talk on "Recent Trends in casting process and Techniques"	99	10/19/2022
262	ME	2022	Expert Talk on "Career Opportunities in Hyundai"	45	10/25/2022
263	ME	2023	One Day Guest Lecture on "Professional Skills for the Workplace"	75	1/9/2023
264	ME	2023	Guest lecture on "Collapsible Wind friction reduction attachment to increase the Mileage of automobiles"	110	5/2/2023
265	ME	2023	An expert talk on "Expectations of Industry"	40	5/2/2023
266	ME	2023	Guest lecture titled "Advances in Thermal Energy Systems"	106	5/3/2023
267	ME	2023	An Expert talk on " Essential skill set for Mechanical engineer"	40	5/3/2023
268	ME	2023	Guest lecture titled "Advances in Manufacturing"	51	5/4/2023
269	ME	2023	Guest Lecture on "Importance of Technology and innovations"	213	5/10/2023
270	ME	2023	An Expert Lecture on "Exploring Practical concepts of Modeling and Analysis through Finite Element Analysis"	50	5/10/2023
271	ME	2023	one day Guest Lecture on "Recent trends in welding Aluminum alloys for aerospace applications association with IWS (Indian Welding Society Student's Forum) and MMRC (Micromachining Research Centre)	70	25-03-2022
272	ME	2023	An online Expert Lecture on "AUXETIC META MATERIALS" in association with IWS (Indian Welding Society Student's Forum) MMRC	54	29-03-2022
273	ME	2022	An Awareness Programme on "Multiple Entry and Exit System" envisaged in NEP-2020	24	2/19/2022
274	ME	2022	Faculty Development Programme on "Advances in Materials Sciences"	31	01-03-2022 to 05-03-2022
275	ME	2022	One day Staff Development programme on "Materials characterization technics using optical microscope interfacing with BiovisMetPlus" association with IWS	15	6/7/2022
276	ME	2022	One day Faculty Development programme on "Materials characterization technics using optical microscope interfacing with BiovisMetPlus" association with MMRC	13	6/7/2022
277	ME	2022	A Webinar(virtual mode) on "Vehicle Simulation with MATLAB/Simulink/Simscap" association with SAEINDIA	13	6/29/2022
278	ME	2022	One week Faculty Development Programme on "Contemporary Practices in 3D Printing Technology"	37	16-09-2022 to 22-09-2022
279	ME	2022	Oneday staff development programme on "Microscopy"	13	11/19/2022
280	ME	2022	Two day workshop on "Practical applications of Automation using Robotics – a Hands on Training"	31	04-01-2022 to 05-01-2022

S.No.	Dept.	Year	Name of the event	Number of Participants	Date From – To
281	ME	2022	Webinar on "Fundamentals of Acoustics"	45	1/22/2022
282	ME	2022	one day workshop on "Battery pack making process" under association with SVEC-ASME	48	3/14/2022
283	ME	2022	A webinar (virtual mode) on "EV-Global scenario" in association with SAEINDIA	50	3/18/2022
284	ME	2022	An Awareness Programme on "Sensitization on Open Electives and how to give the preference in NIVA"	50	3/23/2022
285	ME	2022	one day online workshop on "MATLAB for Mechanical Engineering Subjects" in association with IEI-Students' chapter	75	3/23/2022
286	ME	2022	An awareness programme through virtual mode on "Masters and Employment opportunities in Germany"	34	4/21/2022
287	ME	2022	One day Workshop on "High Precision Machining Technique – Wire EDM"	50	5/12/2022
288	ME	2022	National Symposium on "CAMS COLLAB 2K22"	350	27-05-2022 to 28-05-2022
289	ME	2022	Senisitization programme through virtual mode on "Electives, MOOCs and Internships"	75	7/3/2022
290	ME	2022	One day Workshop on "Application of Multi Criteria Decision Making in Mechanical Engineering"	52	7/21/2022
291	ME	2022	Internship Programme on "CNC Programming and Machining & CAM Express"	50	01-08-2022 to 30-09-2022
292	ME	2022	Webinar (Virtual mode) titled "Industrial Automation & Robotics" JSS Academy of Technical Education, Bengaluru in association with NIT Warangal	59	8/5/2022
293	ME	2022	An Internship Programme for 40 hours on "Computer Numerical Control High Speed Precision Tooling and Machining" organized by Micromachining Research Centre in association with R.V. Machine Tools	120	08-08-2022 to 07-09-2022
294	ME	2022	Talk on "Transform Innovation to a Product"	51	8/20/2022
295	ME	2022	Talk on "Institutional support for Innovative Projects"	45	9/10/2022
296	ME	2022	One day workshop on "Laser Cutting Machine"	15	10/15/2022
297	ME	2022	One month Internship programme on "Casting Process and Technics"	140	10/19/2022
298	ME	2022	Three day Training Programme on "CNC Wood Router"	12	03-11-2022 to 05-11-2022
299	ME	2022	One day workshop on "Robotics"	40	11/7/2022
300	ME	2022	Talk titled "Robotics and Automation"	34	11/10/2022
301	ME	2022	One day workshop on "Wood carving"	60	11/25/2022
302	ME	2022	Webinar on "Career Opportunities for Mechanical Engineering Graduates"	80	12/8/2022
303	ME	2022	One day Seminar on "Personality Development"	340	12/15/2022
304	ME	2023	SDP on "One Week Boot Camp on Design, Modelling and Fabrication using Wood Router and Laser cutter"	20	06-01-2023 to 12-01-2023
305	ME	2023	Two day Workshop on "Snap Maker 3 in 1 Machine"	25	11-01-2023 to 12-01-2023
306	ME	2023	Hands on Session on "Wire Electrical Discharge Machine (WEDM)"	21	2/23/2023


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307	ME	2023	Value Added Course on "Finite Element Methods, Hands on Training on Simulation Software's"	50	03-04-2023 to 07-04-2023
308	ME	2023	One day workshop was conducted on "3D Printing Technologies	54	4/10/2023
309	ME	2023	Workshop on "Skill Enhancement training on Robotics"	47	4/13/2023
310	ME	2023	One day Workshop on "Career Development in Mechanical Engineering"	120	4/18/2023
311	ME	2023	One day online Webinar on "Data Analytics in Manufacturing"	31	4/19/2023
312	ME	2023	An Awareness Program on "Intellectual Property Rights (IPR) with Special Emphasis on Mechanical & Civil Related Inventions"	107	4/20/2023
313	ME	2023	One day workshop on "ANSYS Mechanical Workbench for Non-Linear Analysis" under IEI	60	5/3/2023
314	ME	2023	Workshop on "Exploring the CREO 2.0 Assembly Module: A Hands on demonstration" under CAD Club	48	5/5/2023
315	ME	2023	Awareness Programme on "Unlocking the Power of Mechanical Analysis Tools: A Beginner's Guide to Understanding and using Mechanical Analysis Software" under CAD Club	25	5/11/2023
316	ME	2023	Webinar on "Data Technology in Manufacturing was a great opportunity"	42	5/12/2023
317	ME	2023	An Awareness Programme on "Unveiling Perspectives: Student Spotlight on Individual Journeys and Aspirations"	25	5/12/2023
318	ME	2023	Value added course on "Solid Edge"	49	15-05-2023 to 20-05-2023
319	ME	2023	Student Development Programme on "Fundamentals of Refrigeration & Air Conditioning Systems"	19	5/16/2023
320	ME	2023	An Awareness Programme on "Fundamentals of Wire EDM Systems"	22	5/23/2023
321	ME	2023	An Awareness Programme on "Innovation for Sustainability"	60	5/31/2023
322	ME	2023	Two week APSSDC Student Development Programme on "Solid Edge"	54	01-08-2023 to 12-08-2023
323	ME	2023	Internship Programme on "Automation and process techniques"	60	8/9/2023
324	ME	2023	Two-day Hackathon on "Smart India Internal Hackathon"	130	29-09-2023 to 30-09-2023
325	ME	2023	An Add-On Course on "Refrigeration and Air-conditioning"	41	06-11-2023 to 18-11-2023
326	Management	2023	Intellectual Property Rights (IPR) & IP Management for Startup	210	15-04-2023 to 21-04-2023
327	Pharmacy	2022	Entrepreneurship and Innovation as career opportunity	102	23.09.2022
328	Pharmacy	2022	My story- motivational session by successful entrepreneur	87	18.10.2022
329	Pharmacy	2022	Advancing innovations & Transformation in Pharmaceutical Research	100	09.11.22
330	Pharmacy	2022	Changing course transforming education	104	11.11.2022
331	Pharmacy	2022	Problem solving and Ideation workshop	108	06.11.23
332	Pharmacy	2022	Achieving problem-solution fit and product- market fit	97	02.12.22


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S.No.	Dept.	Year	Name of the event	Number of Participants	Date From – To
333	Pharmacy	2022	Design Thinking, Critical thinking and Innovation Design	82	14.12.22
334	Pharmacy	2022	Innovation In Every Aspect Makes A Difference In A Million Lives	96	20.12.22
335	Pharmacy	2023	Entrepreneurship skill attitude and behaviour development	102	04.01.23
336	Pharmacy	2023	Innovative medical devices	103	21.02.23
337	Pharmacy	2023	Integrated approach in science and technology for a	84	28.02.23
338	Pharmacy	2023	National Pharmacy Education Day	54	06.03.23
339	Pharmacy	2023	International women's day	345	11.04.23
340	Pharmacy	2023	Prototype/ Process design and Development	95	08.04.23
341	Pharmacy	2023	How to plan for startup and legal & ethical steps	97	18.04.23
342	Pharmacy	2023	Intellectual Property Rights (IPR) With Special Emphasis on Pharmaceutical Related Inventions	450	21.04.23
343	Pharmacy	2023	Step out and Innovate" and "Creativity and innovation in pharmaceuticals"	88	21.04.23
344	Pharmacy	2023	Women and IP: Accelerating Innovation and Creativity	58	26.04.23
345	Pharmacy	2023	"Pharmaceutical innovations - Role of technology transfer in Pharmaceutical industry	100	27.04.23
346	Pharmacy	2023	Integrated approach in science and technology for a sustainable future	76	11.05.23
347	Pharmacy	2023	World Environment day: "Our world, our responsibility	83	05.06.23
348	Pharmacy	2023	Advancing Innovations & Transformation in Clinical Research	94	09.06.23
349	Pharmacy	2023	Opportunities for Students– Early Stage Entrepreneurs	114	09.06.23
350	Pharmacy	2023	IPR and IP management for startup	150	15.06.23
351	Pharmacy	2023	Steps Involved in Developing an Innovative Product	74	16.06.23
352	Pharmacy	2023	Emerging Trends And Innovations In Pharmaceutical Technology	63	21.06.23
353	Pharmacy	2023	Basic qualities of entrepreneurship in the present era	95	23.06.23
354	Pharmacy	2023	Innovation/prototype innovation converting into to startup	87	01.07.23
355	Pharmacy	2023	Innovations in ayurvedic formulations	94	07.07.23
356	Pharmacy	2023	Innovation & IPR	78	19.07.23
357	Pharmacy	2023	Lean Start-up & Minimum Viable Product Business- A Mentoring Session.	117	26.07.23
358	Pharmacy	2023	Patent search analysis and landscaping	123	10.08.23
359	Pharmacy	2023	Independence Day as 'Azadi Ka Amrit Mahotshav	84	15.08.23

S.No.	Dept.	Year	Name of the event	Number of Participants	Date From – To
360	Pharmacy	2023	Entrepreneurship Opportunities in Pharma Industry	92	21.08.23
361	Pharmacy	2023	Angel Investment Funding Opportunities for Early Stage Entrepreneurs	124	22.08.23
362	Pharmacy	2023	Emerging trends and innovations in pharmaceutical technology	106	23.08.23
363	Pharmacy	2023	Pedagogic principles for Effective teaching and learning in Pharmaceutical Education	100	11.09.23 to 15.09.23
364	Freshman	2023	Vignana Vihangam	50	08-08-2023 to 11-08-2023
365	Freshman	2023	Vignana Vihangam	50	09-11-2023 to 10-11-2023
366	Freshman	2023	Vignana Vihangam	50	25-11-2023 to 26-11-2023
367	Freshman	2023	Engineering Mathematics	30	09-09-2023 to 11-09-2023


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Course-Wise Academic Results

School/Faculty: School of Computing

Result : I Semester

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Computer Science and Engineering), Batch-1	489	96.52%
2	B.Tech (Computer Science and Engineering-AIML), Batch-1	275	92.00%
3	B.Tech (Computer Science and Engineering-DS), Batch-1	119	95.80%
4	B.Tech (Computer Science and Engineering-CS), Batch-1	25	72.00%
5	B.Tech (Computer Science and Engineering), Batch-2	642	93.77%
6	B.Tech (Computer Science and Information Technology), Batch-2	60	83.33%
7	B.Tech (Computer Science and Engineering-AIML), Batch-2	331	94.56%
8	B.Tech (Computer Science and Engineering-DS), Batch-2	165	91.52%
9	B.Tech (Computer Science and Engineering-CS), Batch-2	57	91.23%
10	BCA - Bachelor of Computer Applications, Batch-2	389	86.89%
11	MCA - Master of Computer Applications, Batch-2	250	96.00%

Result : II Semester

12	B.Tech (Computer Science and Engineering), Batch-1	478	92.26%
13	B.Tech (Computer Science and Engineering-AIML), Batch-1	272	84.93%
14	B.Tech (Computer Science and Engineering-DS), Batch-1	114	93.86%
15	B.Tech (Computer Science and Engineering-CS), Batch-1	25	88.00%
16	B.Tech (Computer Science and Engineering), Batch-2	621	97.64%
17	B.Tech (Computer Science and Information Technology), Batch-2	57	96.61%
18	B.Tech (Computer Science and Engineering-AIML), Batch-2	306	94.15%
19	B.Tech (Computer Science and Engineering-DS), Batch-2	157	96.91%
20	B.Tech (Computer Science and Engineering-CS), Batch-2	53	93.36%
21	BCA - Bachelor of Computer Applications, Batch-2	384	96.09%
22	MCA - Master of Computer Applications, Batch-2	250	96.00%

Faculty/School: School of Engineering

Result : I Semester

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Electronics and Communication Engineering), Batch-1	52	88.46%
2	B.Tech (Civil Engineering), Batch-2	13	69.23%
3	B.Tech (Electrical and Electronics Engineering), Batch-2	71	95.77%
4	B.Tech (Electronics and Communication Engineering), Batch-2	174	89.66%

5	B.Tech (Electronics and Instrumentation Engineering), Batch-2	38	73.68%
6	B.Tech (Mechanical Engineering), Batch-2	22	72.73%
7	M.Tech. - VLSI & Embedded System Design	1	100.00%
8	M.Tech. - Machine Design	1	100.00%

Result : II Semester

7	B.Tech (Electronics and Communication Engineering), Batch-1	52	80.77%
8	B.Tech (Civil Engineering), Batch-2	13	92.31%
9	B.Tech (Electrical and Electronics Engineering), Batch-2	68	75.00%
10	B.Tech (Electronics and Communication Engineering), Batch-2	171	91.81%
11	B.Tech (Electronics and Instrumentation Engineering), Batch-2	38	84.21%
12	B.Tech (Mechanical Engineering), Batch-2	22	77.27%
13	M.Tech. - VLSI & Embedded System Design	1	100.00%
14	M.Tech. - Machine Design	1	100.00%

Faculty/School: School of Liberal Arts and Sciences

Result : I Semester

S. No	Course	No. of Candidate Appeard	Result
1	B.Sc - Bioinformatics	4	25.00%
2	B.Sc – Biotechnology	36	72.22%
3	B.Sc – Microbiology	9	55.56%
4	B.Sc - Computer Science	27	70.37%
5	M.Sc – Biotechnology	10	100.00%
6	M.Sc.- Organic Chemistry	9	88.89%
7	M.Sc - Computer Science	5	60.00%

Result : II Semester

8	B.Sc - Bioinformatics	4	75.00%
9	B.Sc – Biotechnology	34	88.24%
10	B.Sc – Microbiology	8	50.00%
11	B.Sc - Computer Science	27	70.37%
12	M.Sc – Biotechnology	10	100.00%
13	M.Sc.- Organic Chemistry	9	100.00%
14	M.Sc - Computer Science	5	80.00%

School/Faculty: School of Commerce and Management

Result : I Semester

S. No	Course	No. of Candidate Appeard	Result
1	B.Com.- Bachelor of Commerce	46	82.61%
2	B.B.A.- Bachelor of Business Administration	49	79.59%
3	M.B.A.- Master of Business Administration	104	90.38%

Result : II Semester

4	B.Com.- Bachelor of Commerce	45	95.56%
5	B.B.A.- Bachelor of Business Administration	46	73.91%
6	M.B.A.- Master of Business Administration	102	96.08%

School/Faculty: School of Paramedical Allied and Healthcare Sciences

Result : I Semester

S. No	Course	No. of Candidate Appeard	Result
1	B.P.T.- Bachelor of Physiotherapy	31	77.42%
2	B.Sc.- Anesthesia and Operation Theatre Technology	57	98.25%
3	B.Sc.- Cardio Vascular Technology	31	96.77%
4	B.Sc.- Dialysis Technology	11	100.00%
5	B.Sc.- Emergency Medicine and Critical Care Technology	22	100.00%
6	B.Sc.- Respiratory Therapy	6	100.00%
7	B.Sc.- Medical Lab Technology	18	100.00%
8	B.Sc.- Optometry	13	100.00%
9	B.Sc.- Radiology and Imaging Technology	26	100.00%

Result : II Semester

10	B.P.T.- Bachelor of Physiotherapy	31	74.19%
11	B.Sc.- Anesthesia and Operation Theatre Technology	55	96.36%
12	B.Sc.- Cardio Vascular Technology	29	96.55%
13	B.Sc.- Dialysis Technology	11	90.91%
14	B.Sc.- Emergency Medicine and Critical Care Technology	22	86.36%
15	B.Sc.- Respiratory Therapy	6	100.00%
16	B.Sc.- Medical Lab Technology	18	88.89%
17	B.Sc.- Optometry	13	76.92%
18	B.Sc.- Radiology and Imaging Technology	26	96.15%

School/Faculty: School of Agriculture

Result : I Semester

S. No	Course	No. of Candidate Appeard	Result
1	B.Sc(Hons).- Agriculture	11	100.00%

Result : II Semester

2	B.Sc(Hons).- Agriculture	11	100.00%
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