

ANNUAL REPORT 2024 - 25



MBU
MOHAN BABU
UNIVERSITY

DREAM. BELIEVE. ACHIEVE

MOHAN BABU UNIVERSITY

Tirupati, Andhra Pradesh

[Established Under the Andhra Pradesh Private Universities
(Establishment and Regulation) Act No.3 of 2016 & 40 of 2023]

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VISION

VISION, MISSION AND CORE VALUES

Vision

- ❖ 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 programs 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.

Core Values

- ❖ Commitment to continuous improvement and innovation in teaching, learning, research and extension.
- ❖ Pledge to honesty, integrity, mutual respect, transparency, and accountability.
- ❖ Respect to all aspects of diversity.
- ❖ Student-centric planning and development
- ❖ Stakeholder partnership for holistic institutional development and synergistic growth

ORGANIZATION

ORGANIZATION

Sponsoring Body

S.No.	Name	Designation
1	Dr. M. Mohan Babu S/o. Sri M. Narayana Swamy Naidu	Managing Trustee & Chairman
2	Sri M. Vishnu Vardhan Babu S/o. Dr. M. Mohan Babu	Trustee & Chief Executive Officer
3	Smt. M. Nirmala W/o. Dr. M. Mohan Babu	Trustee
4	Sri M. Krishna Murthy S/o. Sri M. Narayana Swamy Naidu	Trustee
5	Sri P. Janardhan Reddy S/o. Sri P. Krishna Reddy	Trustee
6	Sri Chalasani Ramesh S/o. Sri Chalasani Madhava Rao	Trustee
7	Dr. M. Maruthi Krishna S/o. Sri M. Ramakrishnam Naidu	Trustee
8	Ms. Viranica Manchu W/o. Sri M. Vishnu Vardhan Babu	Trustee
9	Sri. Vinay Maheshwari S/o. Sri Virender Bahadur Maheshwari	Trustee

Governing Body

S. No	Name	Designation	Position in Governing Body	Address
1	Dr. M. Mohan Babu	Chancellor	Chairperson (Ex- Officio)	Manchu House, Sy.No. 194, Jalpally Village, Sarror Nagar, Ranga Reddy District, Telangana – 500035
2	Sri. Vishnu Manchu	Pro Chancellor	Member (Ex- Officio)	Manchu House, Sy.No. 194, Jalpally Village, Sarror Nagar, Ranga Reddy District, Telangana – 500035
3	Prof. Nagaraj Ramrao	Vice Chancellor	Member (Ex- Officio)	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
4	Dr. M. Maruthi Krishna	Board Member, SVET	Member	Flat No – 407, B Block, Nandhanam Apartment, Grand World Road, Tirupati, Andhra Pradesh – 517 507

S. No	Name	Designation	Position in Governing Body	Address
5	Sri. Vinay Maheshwari	Executive Director (SVET)	Member	Sree Vidyanikethan Educational Trust, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
6	Dr. K. Saradhi	Registrar	Member Secretary (Ex-Officio)	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102

Board of Management

S.No	Name	Designation	Position in Board of Management
1.	Prof. Nagaraj Ramrao	Vice Chancellor	Chairperson (EX-Officio)
2.	Sri. Vishnu Manchu	Pro Chancellor	Member (Ex-Officio)
3.	Dr. P. Venkatramana	Dean, Academic Affairs	Member
4.	Dr. M. S. Sujatha	Program Head, EEE	Member (Lady)
5.	Smt. Vaijayanthi Srinivasaraghavan	Senior Director, UPS India Technology Centre	Member (Lady)
6.	Sri. S.S. Mukherji	Chairman, EIH Associated Hotels Limited	Member
7.	Sri. Vinay Maheshwari	Executive Director (SVET)	Member
8.	Prof. Sanghamitra Bandyopadhyay	Director, Indian Statistical Institute, Kolkata	Member (Lady)
9.	Smt. Anupama Reddy	Delivery Head – Managed Services India, HP WS Managed Solution Organization Bengaluru	Member (Lady)
10.	Smt. M.F. Febin	Head – College connects Business Larson & Toubro Limited – L & T Edu Tech, Chennai	Member (Lady)
11.	Dr.K. Saradhi	Registrar	Member Secretary (Ex-Officio)

Academic council

S.No.	Name	Designation	Position in AC	Address
1.	Prof. Nagaraj Ramrao	Vice Chancellor	Chairperson (Ex-Officio)	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
2.	Sri. Vishnu Manchu	Pro Chancellor	Member (Ex-Officio)	Manchu House, Sy.No. 194, Jalpally Village, Sarror Nagar, Ranga Reddy District, Telangana – 500035
3.	Dr. P. V. Ramana	Dean, Academic Affairs	Member (Ex-Officio)	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
4.	Sri. Vikas Singh	Chief Growth & Strategy Officer	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
5	Dr. T. Giridhara Krishna	Dean, School of Agriculture	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
6.	Dr. B.P. Mallikarjuna	Dean, School of Pharmaceutical Sciences	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
7.	Dr. N. Gireesh	I/c Dean, School of Liberal Arts and Sciences	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
8.	Dr. Jagatheesan Alagesan	Dean, School of Paramedical, Allied and Health care Sciences	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
9.	Prof Ujjwal Maulik	Professor, Department of Computer Science and Engineering	Member	Jadavpur University, Raja S.C. Mallick Road, Kolkata, West Bengal, India – 700032
10.	Dr. Y V S Lakshmi	Head, C-BUDDHI, Group Leader IPR & KMG, C-DOT, Bengaluru	Member (Lady)	C-DOT, Electronic City, Bengaluru – 560100

S.No.	Name	Designation	Position in AC	Address
11.	Dr. Gopalan Jagadeesh	Professor, Dept. of Aerospace Engineering, IISc, Bengaluru	Member	Department of Aerospace Engineering Indian Institute of Science Bangalore – 560 012, INDIA
12.	Dr. Sharad Mhaiskar	Pro Vice Chancellor, NMIMS, Mumbai	Member	V. L. Mehta Road, Vile Parle, West, Mumbai, Maharashtra, India, Pin Code – 400 056
13.	Dr. Meena Dasan	Scientist – F, LRDE, DRDO, Bengaluru	Member (Lady)	Scientist – F, Electronics and Radar Development Establishment (LRDE), DRDO, CV Raman Nagar, Bangalore – 560093
14.	Dr. M. Sunil Kumar	Controller of Examinations	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
15.	Dr. J. Avanija	Professor, Dept. of CSE	Member (Lady)	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
16.	Dr. N. Manikandan	Professor, Dept. of ME	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
17.	Dr. D. Suresh Babu	Associate Professor, Dept. of EEE	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
18.	Dr. V. Jyothsna	Associate Professor, Dept. of DS	Member (Lady)	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
19.	Dr. M. Bharathi	Assistant Professor, Dept. of ECE	Member (Lady)	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
20.	Dr. K. Leleedhar Rao	Associate Professor, Dept. of EEE	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
21.	Dr. H.D. Praveena	Assistant Professor, Dept. of ECE	Member (Lady)	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102

S.No.	Name	Designation	Position in AC	Address
22.	Dr. K. Saradhi	Registrar	Member Secretary (Ex-Officio)	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102

Planning and monitoring board

S.No.	Name	Designation	Position in PMB	Address
1.	Prof. Nagaraj Ramrao	Vice-Chancellor	Chairperson (Ex-Officio)	Mohan Babu University, SreeSainath Nagar, Tirupati, Andhra Pradesh – 517 102
2.	Sri. Vinay Maheshwari	Executive Director (SVET)	Member	Sree Vidyanikethan Educational Trust, SreeSainath Nagar, Tirupati, Andhra Pradesh – 517 102
3.	Dr. T. Giridhara Krishna	Dean, School of Agriculture	Member	Mohan Babu University, SreeSainath Nagar, Tirupati, Andhra Pradesh – 517 102
4.	Dr. B.P. Mallikarjuna	Dean, School of Pharmaceutical Sciences	Member	Mohan Babu University, SreeSainath Nagar, Tirupati, Andhra Pradesh – 517 102
5.	Dr. N. Gireesh	I/c Dean, School of Liberal Arts and Sciences	Member	Mohan Babu University, SreeSainath Nagar, Tirupati, Andhra Pradesh – 517 102
6.	Dr.T. Madhavi	I/c Dean, School of Commerce and Management	Member	Mohan Babu University, SreeSainath Nagar, Tirupati, Andhra Pradesh – 517 102
7.	Dr. Jagatheesan Alagesan	Dean, School of Paramedical and Health Sciences	Member	Mohan Babu University, SreeSainath Nagar, Tirupati, Andhra Pradesh – 517 102

S.No.	Name	Designation	Position in PMB	Address
8.	Dr. N. Gireesh	Dean, Planning and Monitoring Board	Member Secretary (Ex-Officio)	Mohan Babu University, SreeSainath Nagar, Tirupati, Andhra Pradesh – 517 102

Finance Committee

S.No.	Name	Designation	Position
1.	Dr. M. Mohan Babu	Chancellor	Chairperson
2.	Sri. Vishnu Manchu	Pro-Chancellor	Member
3.	Prof. Nagaraj Ramrao	Vice-Chancellor	Member
4.	Dr. K. Saradhi	Registrar	Member
5.	Dr. M. Maruthi Krishna	Board Member, SVET	Member
6.	Sri M. Rajagopal Naidu	Chartered Accountant M/s Rajagopal Naidu & Co, Tirupati.	Member
7.	Sri Amrish Gupta	Chartered Accountant M/s. Kumar Mittal & Co, Delhi.	Member
8.	Sri B. Ravi Sekhar	Director/Chief Finance & Accounts Officer, Mohan Babu University (Ex-officio).	Member Secretary

Research and Innovation Council

S.No	Name	Designation	Position in R&I	Address
1.	Dr. M. Mohan Babu	Chancellor	Permanent Invitee	Manchu House, Sy.No. 194, Jalpally Village, Sarror Nagar, Ranga Reddy

S.No	Name	Designation	Position in R&I	Address
				District,Telangana – 500035
2.	Sri. Vishnu Manchu	The Pro-Chancellor	Permanent Invitee	Manchu House, Sy.No. 194, Jalpally Village, Sarror Nagar, Ranga Reddy District,Telangana – 500035
3.	Prof. Nagaraj Ramrao	Vice-Chancellor	Chairperson	Mohan Babu University, SreeSainath Nagar, Tirupati, Andhra Pradesh – 517 102
4.	Dr. N. Gireesh	I/c Dean, School of Liberal Arts and Sciences	Member	Mohan Babu University, SreeSainath Nagar, Tirupati, Andhra Pradesh – 517 102
5.	Dr.T. Madhavi	I/c Dean, School of Commerce and Management	Member	Mohan Babu University, SreeSainath Nagar, Tirupati, Andhra Pradesh – 517 102
6.	Dr. T. Giridhara Krishna	Dean, School of Agriculture	Member	Mohan Babu University, SreeSainath Nagar, Tirupati, Andhra Pradesh – 517 102
7.	Dr. JagatheesanAlagesan	Dean, School of Paramedical	Member	Mohan Babu University, SreeSainath

S.No	Name	Designation	Position in R&I	Address
		and Health Sciences		Nagar, Tirupati, Andhra Pradesh – 517 102
8.	Dr. B.P. Mallikarjuna	Dean, School of Pharmaceutica l Sciences	Member	Mohan Babu University, SreeSainath Nagar, Tirupati, Andhra Pradesh – 517 102
9.	Dr.T.Srinivas	Professor, Dept of ECE, Indian Institute of Science, Bangalore.	Member	SPW 102,Dept of ECE Indian Institute of Science Bangalore 560012
10.	Dr.Srikanta Pal,	Professor, Dept of ECE, Birla Institute of Technology, Mesra.	Member	BSP-I/3, BIT Mesra Inner Campus, Mesra, Ranchi – 835215, Jharkhand
11.	Dr.DilliBabu	Scientist 'F' GTRE, Bangalore.	Member	GTRE, DRDO, Bengaluru
12.	Smt. VaijayanthiSrinivasaraghava n	Senior Director, UPS India Technology Centre	Member (Lady)	IBM Consulting Workforce Management, IBM Client Innovation Center, Bengaluru – India
13.	Dr M.VenkatRatnam	Scientist-'SG National Atmospheric Research Laboratory, Gadanki	Member	Scientist-'SG National Atmospheric Research Laboratory, Gadanki
14.	Dr. B. Vishnu Vardhan Naidu	Associate Professor, Dept. ME, SOE	Member	Mohan Babu University, SreeSainath Nagar, Tirupati,

S.No	Name	Designation	Position in R&I	Address
				Andhra Pradesh – 517 102
15.	Dr. N. Padmaja	Dy Dean- Innovations & Patents & Professor, Dept. ECE, SOE	Member (Lady)	Mohan Babu University, SreeSainath Nagar, Tirupati, Andhra Pradesh – 517 102
16.	Dr. G. Sunitha	Professor & Program Head, CSE, SOC	Member	Mohan Babu University, SreeSainath Nagar, Tirupati, Andhra Pradesh – 517 102
17.	Dr.B.Narendra Kumar Rao	Professor & Program Head, AI&ML, SOC	Member	Mohan Babu University, SreeSainath Nagar, Tirupati, Andhra Pradesh – 517 102
18.	Dr. N. Ashok Kumar	Professor, Dept. ECE, SOE	Member	Mohan Babu University, SreeSainath Nagar, Tirupati, Andhra Pradesh – 517 102
19.	Dr. A. Srinivasulu	Dean of Research and Innovation	Member – Secretary	Mohan Babu University, SreeSainath Nagar, Tirupati, Andhra Pradesh – 517 102

Board of Examination

S.No.	Name	Designation	Position
1.	Prof. Nagaraj Ramrao	Vice Chancellor	Chairperson
2.	Dr. P. V. Ramana	Dean, Academic Affairs	Member
3.	Dr. T. Madhavi	In-charge Dean, SoCM	Member
4.	Dr. T. Giridhara Krishna	Dean, SoA	Member
5.	Dr. A. Jagatheesan	Dean, SoPAHCS	Member
6.	Dr. M. R. Jeyaprakash	Deputy Dean & Professor, SOPS	Member
7.	Dr. N. Gireesh	In-charge Dean SOLAS	Member
8.	Dr. D. Leela Rani	Professor SoE	Member
9.	Prof. D. Neeraja	Professor & Head, Dept. of CE, JNTUACE, Kalikiri	External Expert Member
10.	Dr. M. Sunil Kumar	Controller of Exams	Member Secretary

ACADEMICS

COMPREHENSIVE ACADEMIC FRAMEWORK:

Curriculum Design, Regulations, Learning Pedagogy, and Technological Integration

Mohan Babu University (MBU) adopts a forward-thinking academic implementation strategy centered on the Fully Flexible Choice Based Credit System (FFCBCS) with a Course Basket Approach. Also, this system empowers students to tailor their educational journey based on their interests and career goals. Each program offers a variety of course baskets including School Core, Program Core, Program Electives, Specialization Electives, Interdisciplinary Minors, and University Electives, encouraging students to pursue Honours, Minors, or Specializations. This academic structure promotes personalized, interdisciplinary, and holistic learning, moving beyond traditional problem-solving to emphasize problem identification, ethical considerations, teamwork, and community engagement.

A distinctive feature of MBU's academic framework is its emphasis on experiential learning, which is integrated into every course with a minimum of 20% weightage in evaluation. A wide array of experiential components such as seminars, case studies, debates, mini-projects, field visits, and online certifications enable students to apply theoretical knowledge to real-world scenarios. The implementation process includes clearly defining learning objectives, choosing relevant experiential activities, facilitating reflection and feedback, and ensuring the real-world application of knowledge.

MBU maintains curriculum relevance through continuous review by expert committees, with regular input from industry leaders and international academic partners. The curriculum includes industry-integrated courses and encourages students to take curated MOOCs for credit. The university also fosters innovation and entrepreneurship through a dedicated cell guiding students to solve community and industry problems, and it supports global exposure through semester-abroad programs with top-ranked international institutions.

To enhance learning outcomes, MBU leverages modern pedagogical models such as flipped classrooms, design thinking, peer learning groups, storytelling, and mind mapping. Faculty are proficient in using Learning Management Systems (LMS) and digital platforms to deliver content effectively. Tools like AR/VR, gamified learning, and collaborative technologies are incorporated to provide immersive and engaging learning experiences. This holistic and adaptive academic ecosystem ensures that students graduate with the knowledge, skills, and mindset required for success in a dynamic global environment.

SCHOOLS

SCHOOLS

School of Computing

Department of Artificial Intelligence and Machine Learning

Brief overview of department

The Department of Artificial Intelligence and Machine Learning is one of the most coveted departments in the university established in the year 2022-23. The Department of Artificial Intelligence and Machine Learning is committed to the advancement of techniques and tools that address complicated problems using Algorithms from the fields of Artificial Intelligence and Machine Learning. The Department of Artificial Intelligence and Machine Learning established on an ultra-modern campus with world-class infrastructure and architecture. The academic and research faculty of the school are talented, highly experienced, and follow innovative teaching methodology.

Students are encouraged to actively participate in National and International Conferences, Workshops, Seminars, and Hands-on training programs. This aids them to explore and incubate their ideas in IDEA Lab, which has been setup worth Rs.1.13 Crore for the purpose of imparting training in Skill Development Centers and participating in various Professional chapters viz., ISTE, IEEE, IEI, ASCE, IGS, ACM, CSI, SAE India, ISHARE, IWS, IIPE, ASME, IGBC. Machine learning labs are an environment equipped with the necessary tools and resources for conducting research, experiments, and practical work in the field of machine learning.

The department is supported by well-qualified dynamic faculty members in the relevant domain who can improve themselves on a day-to-day basis in the ever-changing domain. The faculty members have published their research findings in reputed journals indexed in SCOPUS/WoS/SCI and presented their work at reputed international conferences. Above and beyond the department was successful in organizing two International Conferences during the academic year to showcase its strength of faculty. The department was also funded by DST Projects worth Rs.46.5 lakhs to promote cutting edge technologies like Artificial Intelligence, Data Science and Cloud Computing technologies to school children. During the academic year the faculty members were successful in publishing 102 research articles in SCOPUS/WoS /SCI reflecting the quality of research undertaken by the faculty members in the department. The department was also instrumental in publishing 03 Books on emerging titles from reputed publishers. The department organized a 24-hour internal hackathon XHORIZON-25 along with industry partners like HackwithIndia, IBM and other partners. The students participated with great enthusiasm. More than 650 students participated in the day and night event.

The students of the department are encouraged to file and publish patents. Mr. Arjun Sai Mr. Kosinepalli Arjun Sai Kosinepalli, a student of III year B.Tech AIML department has successfully filed and published TWO patents relevant to AI&ML domain. Mr. Mokshith was successful in implementing a website/portal for promoting his new initiation towards Entrepreneurship journey. Mr. Swaroop of II year B.Tech CSE-AIML was successfully able to launch his startup and promote digitally for the upcoming movie Kannapa.

Vision

- To become a Centre of Excellence in Artificial Intelligence and Machine Learning by imparting high quality education through teaching, training and research

Mission

- To impart quality education in Computer Science and Engineering with specializations in Artificial Intelligence and Machine Learning by disseminating knowledge through contemporary curriculum, competent faculty and effective teaching-learning methodologies.
- Nurture research, innovation and entrepreneurial skills among students and faculty to contribute to the needs of industry and society.
- Inculcate professional attitude, ethical and social responsibilities for prospective and promising Engineering profession.
- Encourage students to engage in life-long learning by creating awareness of the contemporary developments in Computer Science and Engineering Artificial Intelligence and Machine Learning.

Program Details

Programs offered by the department during the year (2024-2025)

Program Name	Specialization	Number of Semesters & Program Duration	Sanctioned Intake	Credits
B.Tech	Computer Science and Engineering with Specialization in Artificial Intelligence and Machine Learning	8 Semesters (04 Years)	1366	160
M.Tech	Artificial Intelligence and Machine Learning	4 Semester (02 Years)	21	70
Ph.D.	CSE, AIML and Allied Areas	Full-Time (03 years) Part-Time (04 Years)	-	25

Teaching and Learning Activities

- The Teaching Learning Centre (TLC) empowers the faculty and researchers to equip the students to strive in academically challenged and actively engaging settings. The Department work to create a platform for an evolved teaching, learning, evaluation and assessment experience and to enable the faculty to emerge as Thought Leaders, Tech Innovators, Social Reformers, and corporate leaders.
- Faculty members adopt modern pedagogical approaches, including flipped classrooms, project-based learning, mind-mapping, real-world case studies, group discussions, and interactive projects.
- The department implements experiential learning in all the courses and thereby encourage students to apply knowledge to real-world problems through practical assignments and projects.

NEP implementation

- The department has aligned its curriculum to the guidelines set by the NEP. All the B.Tech and M.Tech programs offered by the department follow the set guidelines by NEP. They follow Fully-Flexible Choice Based Credit System to enrich student with choice to select the career path during his course of study.
- Courses like Indian Constitution, Yoga and Meditation, Concepts of Indian Knowledge Systems, Ability Enhancement Compulsory Course includes communication, environmental science, and other skill-based courses are offered to students. Overall, The Curriculum offers Practical, industry-relevant skills, internships, and hands-on learning along with Compulsory Internship and a Capstone Projects.

Events organized during Academic Year 2024-2025

Conferences

The department has organized one International and one National conference during the academic year 2024-25.

International Conference:

The DST-SERB Sponsored 6th International Conference on Computer & Communication Technologies (IC3T) 2024 was held on 4th–5th October 2024 at Mohan Babu University, Tirupati, organized by the Department of AI & ML. The event featured distinguished speakers from institutions like Springer Nature, RMIT University, and the University of Newcastle, with over 900 paper submissions from around the world. After a rigorous review process, 92 papers were selected for publication in the Scopus-indexed Springer LNNS series. The conference hosted four plenary talks, nine technical sessions, and brought together nearly 200 participants. The event concluded with certificate distribution and appreciation to all contributors.



Inaugural Address by Vice-Chancellor, MBU



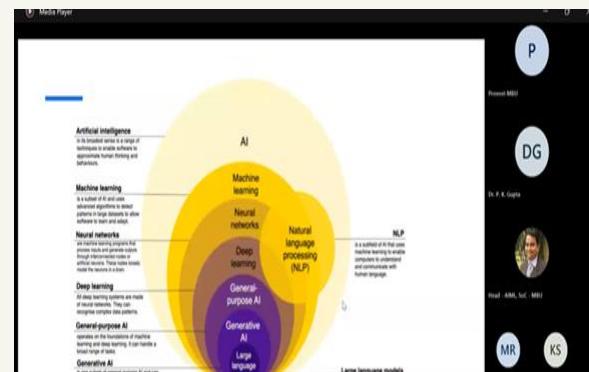
*Shri. Aninda Bose, Springer Nature, London,
on 04th October 2024*

National Conference:

The 4th National Conference on Knowledge, Innovations, and Technologies for Sustainability (NCKITS-2025) was held on April 25–26, 2025, at Mohan Babu University, Tirupati, to promote interdisciplinary collaboration and sustainable solutions. The presidential address by Prof. Nagaraj Ramrao and keynotes by Mr. Karthik Narayanan emphasized the role of technology in sustainability and the evolution of Artificial Intelligence, including Generative AI. The event featured insightful discussions on AI's applications and ethical challenges. Faculty, students, and industry professionals actively participated. The conference concluded with appreciation for all contributors and a vote of thanks.



Dr. B. Narendra Kumar Rao, Professor & Head, AI&ML, MBU, gave a heartfelt welcoming address



*Mr. Karthik Narayanan Delivered on
“Applications and Ethical Considerations
and Natural Language Processing”*

Community Projects & Sustainable Development Goals

The department, with internal funding and university support, launched a joint community project under the NSS wing titled Activity Start-up Plan (Smart Village – An Initiative for Sustainable Development using Digital Literacy). This initiative promoted digital literacy in villages through over 10 events focused on Aadhaar-based transactions, digital payments, and women safety apps. The Department was also responsible in implementing 27 projects aiming at achieving United Nations Sustainable Development Goals, contributing to SDG 2 (Zero Hunger), SDG 3 (Good Health and Well-being), SDG 9 (Industry, Innovation, and Infrastructure), SDG 10 (Reduced Inequalities), SDG 13 (Climate Action), and SDG 16 (Peace, Justice, and Strong Institutions).

Community Projects:

The department organized several initiatives to promote education and digital awareness in rural areas. On 1st October 2024, a DIGILOCKER-ABC ID creation drive was held at Rangampeta Village. The Safety Village program on 22nd October 2024 focused on women's safety and cybercrime awareness. A Smart School workshop on 1st February 2025 introduced platforms like SWAYAM and PMGDISHA. Digital literacy sessions for women and children were conducted on 7th February, followed by a cybersecurity awareness session and a digital inclusion program on 13th March. On 3rd March, an outreach session familiarized students and teachers with the DIKSHA platform.



Glimpse of Activity on “DIGILOCKER – Creation of ABC-ID”



Glimpse of outreach activity conducted for “Woman safety and crime free society”



A glimpse of outreach activity conducted for awareness of “DIKSHA (Digital Infrastructure for Knowledge Sharing)”



A glimpse of workshop on “E-Education and Digital Learning Platforms”

Sustainable Development Goals Activities:

The department also launched targeted initiatives to support sustainable development using technology and innovation. On 24th October 2024, the Smart Village initiative focused on promoting digital healthcare using the ABHA app, addressing SDGs 3 (Good Health), 4 (Education), and 9 (Innovation). On 25th January 2025, students conducted an awareness session on the 112 India Emergency App, promoting public safety and aligning with SDGs 3 and 11. On 3rd March 2025, a session on booking OPD appointments through the ABHA app was conducted to promote digital health services. On 26th April 2025, farmers were mentored on the Kisan Credit Card (KCC) Scheme, educating them on formal credit access for agriculture. On 25th April 2025, the session on AI applications in agriculture introduced precision farming and AI-based tools for modernizing farming practices. Finally, a session on 21st May 2025 showcased the use of drone technology in agriculture, demonstrating efficient and sustainable farming methods. These initiatives significantly contributed to SDGs 3, 4, 5, 8, 9, 11, 12, and 16 by promoting health, education, innovation, economic growth, and sustainability across rural communities.



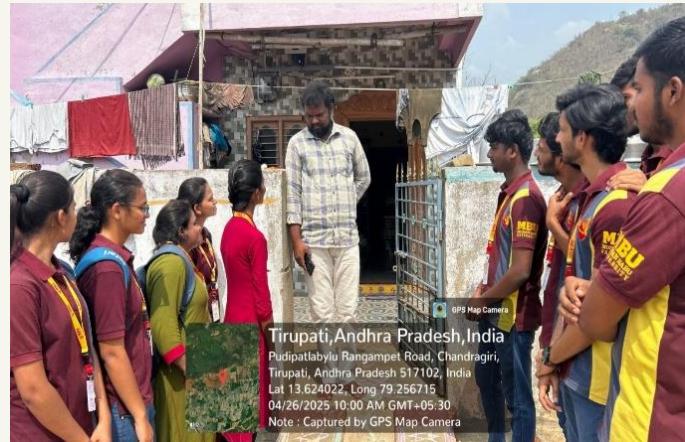
Glimpse of outreach program for “Digital healthcare awareness through Ayushman Bharat Health Account App”



A glimpse of awareness program on “OPD appointment booking through ABHA App”



A glimpse of awareness activity titled “Streaming Emergency Responses”



A Glimpse of Awareness program organised to educate farmers about the Kisan Credit Card (KCC) Scheme

Industrial Visits

The Department of AI&ML organized two industrial visits to enhance students' practical exposure. On 22nd February 2025, 60 III-year students visited Sri City, Tada, exploring companies like THERMAX, UNICHARM, and PEPSICO to understand software applications in manufacturing. On 12th March 2025, 63 students visited IIT Madras Research Park, gaining insights into AI innovations, Deep Tech, sustainability, and industry-academia collaboration.



A glimpse of One day Industrial Visit to “Sri City, Tada”



A glimpse of Industry Visit to IITM, Research Parks

Skill Development Programs /Expert Lectures/Guest Lectures etc.

- The AIML Department, in collaboration with HackwithIndia, IEEE CIS, and AWS Cloud Club, organized a 24-hour open-source hackathon (12th &13th April, 2025), with 600+ students solving real-world problems in AI/ML, Web Dev, IoT, and Cybersecurity. Winners received ₹30,000 in prizes and certification vouchers worth ₹1 lakh.

- Project Expo 2025 (19th April, 2025) featured 120+ student projects in ML, DL, NLP, and AI-IoT, using tools like TensorFlow, YOLOv8, and ChatGPT API. Top innovations included Smart Farming and Fake News Detection.
- A MoA was signed with Penn State University on 15th May 2025, followed by a student interaction program attended by 420+ students, focusing on research, internships, and global education pathways.
- Two alumni talks were held in 2024. Mr. P. Hemanth Kumar (23rd August, 2024) discussed software development frameworks, and Mr. K. Dinesh Kumar (15th November, 2024) introduced SailPoint IAM in cybersecurity.
- An expert talk on Generative AI by Dr. Sam Goundar (5th October, 2024) covered GPT, GANs, DALL-E, and AI ethics, attended by 82 students.
- IEEE MBU organized Distinguished Lectures on 2nd and 20th November, 2024. Dr. Danilo P. Mandic discussed AI in e-health, while Prof. Xiaodong Li spoke on nature-inspired algorithms in modern ML.



A glimpse of SDP conducted on Open-source hackathon



A glimpse of Annual Project Expo 2025



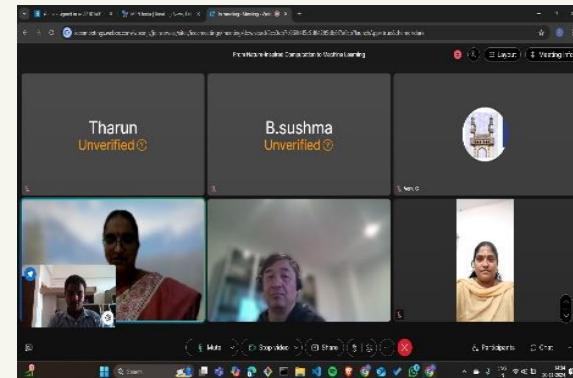
A glimpse of alumni talks on “Career Opportunities in Software Development Frameworks”



Dr. Sam Goundar, Professor, RMIT University, Australia addressing about Generative AI



A glimpse of IEEE distinguished lecture on “Machine Intelligence for E-Health”



A glimpse of IEEE distinguished lecture on “From Nature-Inspired Computation to Machine Learning”

Student Achievements:

Mr. Mohith, a III B.Tech AI&ML student at Mohan Babu University, won First Prize at the regional-level Anveshana 2025 competition for his innovative, socially impactful project. His achievement highlights the department's focus on innovation, applied learning, and real-world problem-solving.



First Prize by Mr. Mohith of III B.Tech AI&ML in the regional competition Anveshana 2025

Department of Computer Science and Engineering

Brief overview of department

Computer Science and Engineering stands at the forefront of the rapidly evolving landscape of modern technology. The CSE department was established in 1996 under the Sree Vidyanikethan Engineering College, which later evolved into Mohan Babu University in 2022 providing a rewarding path to aspiring professionals. The Department of CSE is established on an ultra-modern campus with world-class infrastructure and architecture. The academic and research faculty of the department are talented, highly experienced, and follow innovative teaching methodology.

The Department of CSE at Mohan Babu University is one of the flagship departments under the School of Computing. It offers undergraduate, postgraduate, and doctoral

programs in computer science engineering. A range of programs are designed to equip students with the knowledge and skills needed to excel in today's fast-paced technological environment. Our offerings include B.Tech. CSE, B.Tech. CSE with specialization in SAP, M.Tech CSE, Ph.D. CSE. A new program B.Tech. CSE with specialization in DevOps will be offered from the academic year 2025-26. The department is known for its strong industry-academic collaboration, research-driven curriculum, and excellent placement record.

The department is equipped with modern infrastructure and research support systems, including High-Performance Computing Lab – with GPU servers for AI/ML and Deep Learning research. Beyond the classroom, we provide ample opportunities for students to engage with cutting-edge technologies through seminars, workshops, guest lectures, and technical symposiums. These events, along with co-curricular and extracurricular activities organized by our technical associations, serve to broaden students' horizons and foster their personal and professional growth.

Our faculty members are deeply invested in the success of our students, providing strong mentorship to monitor their progress and support their overall development. The Department of CSE is committed to empowering our students to become innovative thinkers, problem solvers, and leaders in the ever-evolving world of technology.

Vision

- To become a Centre of Excellence in Computer Science and its emerging areas by imparting high quality education through teaching, training and research.

Mission

- Imparting quality education in Computer Science and Engineering and emerging areas of IT industry by disseminating knowledge through contemporary curriculum, competent faculty and effective teaching-learning methodologies.
- Nurture research, innovation and entrepreneurial skills among faculty and students to contribute to the needs of industry and society.
- Inculcate professional attitude, ethical and social responsibilities for prospective and promising engineering profession.
- Encourage students to engage in life-long learning by creating awareness of the contemporary developments in Computer Science and Engineering and its emerging areas.

Program Details

Programs offered by the department during the year (2024-2025)

Program	Duration	Intake	Specializations
B.Tech.	8 Semesters (4 Years)	1260	CSE
B.Tech.	8 Semesters (4 Years)	-	CSE with SAP
M.Tech.	4 Semesters (2 Years)	6	CSE
Ph.D.	Fulltime-03 years Part-time-04 Years	-	CSE

Teaching and Learning Activities

- The Department of Computer Science and Engineering has actively promoted outcome-based teaching and learning through a blend of academic, industry, and innovation-driven initiatives.
- Teaching practices integrated experiential learning through mini-projects, flipped classrooms, and continuous engagement using Google Classroom. Students were encouraged to undertake community-oriented projects and research-based activities.
- Several students achieved notable milestones in innovation and entrepreneurship. Mr. P. Akshay Vardhan registered his startup with MSME. Mr. Veda Phaneendra Reddy published a patent and is currently pursuing Internship at IIT Tirupati on the same. He also launched his startup, NiGa Groups. Mr. T. Hemanth and Mr. Y. Rasool are developing a “Student-Industry Connect” networking platform. Another student team, led by Mr. C. Shesheer and Mr. G. Lokesh, is creating an AI-powered educational companion. These efforts reflect the department’s strong commitment to nurturing technical excellence, innovation, and societal impact.

NEP implementation

- The Department of CSE has adopted the guidelines of NEP 2020 in both curriculum and teaching practices. The department offers specialized B.Tech. CSE program integrating industry-endorsed technologies and domain-specific competencies. 24 B.Tech. CSE students of 2022-23 admitted batch are currently pursuing B.Tech. CSE program with specialization with SAP. 12 B.Tech. CSE students of 2022-23 admitted batch are pursuing their degree in association with IBM.
- To support the goals of NEP, many multidisciplinary courses from management, language, and humanities domains support comprehensive knowledge development are offered. Courses like Design Thinking, Innovation, Incubation and Entrepreneurship, and Project Management help students develop problem-solving

and business skills. Capstone projects and internships are included in the curriculum to promote hands-on learning and real-time industry exposure. The department also offers courses that align with Sustainable Development Goals (SDGs) and Indian Knowledge Systems (IKS). Subjects such as Environmental Science, Disaster Mitigation and Management, Rural Technology, Green Technologies, Smart Cities, and Planning for Sustainable Development are offered to build social responsibility and sustainability awareness. Courses on Indian Tradition and Culture, Indian History, and Constitution of India help students connect with national values and heritage. Students are encouraged to take part in innovation, research, and entrepreneurship. Many students have published research papers, filed patents, and worked on their startups. Through these efforts, the department is creating a learning environment that supports overall student growth, responsible citizenship, and innovation-driven development.

Events Organized during Academic Year 2024-25:

A total of 20 student-centric events were organized, including expert lectures, seminars, workshops, and outreach programs on Generative AI, SAP, IPR, data science, and design thinking.



CSE Faculty Conducting Outreach Program on 22 Feb 2025

Design Thinking - Process

- ✓ **Frame a Question:** Inspire your team to think about your customers (who you're designing a solution for) and what they actually need.
- ✓ **Gather Inspiration:** Go out into the world and seek inspiration by observing and discovering what people really need.
- ✓ **Generate Ideas:** Use the inspiration you gather to help push past the obvious to come up with fresh solutions to your problem.
- ✓ **Make Ideas Tangible:** Build rough prototypes and find what's working and what's not.
- ✓ **Test to Learn:** Test your prototypes, gather feedback, and iterate.
- ✓ **Share the Story:** Once you've arrived at the right solution, craft and share the story to introduce it to your colleagues, clients, and customers.

B.Tech. Students Attending Webinar on “Design Thinking and Innovation Strategies” organized by IEEE Information Theory Society MBU student branch, CSE on 17.03.2025



B.Tech. Students Attending an Orientation Session on "Unlocking Career Opportunities Through SAP Global Certification" on 16-17 December 2024

Workshops:

A 5-day workshop on Applied Generative AI was held in collaboration with Infosys Springboard. A 21-day master class on advanced Python programming was also conducted. The department also conducted one-week workshop on “Internet of Things in the ESDM sector”, organized in association with ICT Academy.



B.Tech. CSE Students Attending Applied Generative AI Program on Python



Delegates from ICT Academy handing for one-week workshop on “Internet of Things in the ESDM sector”

Industrial Visit:

Students participated in industrial visits to EXCEL-R Technologies, SHAR Sriharikota, and IIT Madras, gaining industry insights.



B.Tech. CSE Students Industrial Visit – SHAR, Sriharikota on 11 April 2025

Faculty Development Program:

Department of CSE at MBU, in association with AICTE IDEA Lab, IPR Cell, and IEEE Student Chapter, organized a week Faculty Development Program on the topic of "Innovating for the Future: Leveraging and Navigating Intellectual Property Rights" during 17-21 September 2024. Through engaging with subject matter experts and participating in thought-provoking discussions, the attendees enhanced their understanding and unlocked new possibilities in the realm of innovation and intellectual property rights. The department hosted an ANRF-sponsored FDP on Generative AI from 26-30 May 2025. The event conveners are Dr. B. Ramasubba Reddy, Professor of CSE. A seminar grant of 2 lakhs was received under ANRF Seminar Grant scheme for organizing the program.



Glimpse of events

Conference:

Department of CSE has conducted “Springer International Conference on Data Science, Machine Learning & Applications (ICDSMLA) during 12-13 December 2024. The conference convenors are Dr. M. Sunil Kumar and Dr. D. Ganesh. A total of 466 research papers out of 920 were accepted after rigorous review.



Inaugural Function of ICDSMLA 2024

Other Activities and Achievements:

- Placement Training programs on Problem Solving Skills Through Java, Communication Excellence and Soft Skills Training are conducted for II Year B.Tech. CSE students for a duration of 02 weeks. Placement Training programs on Problem Solving Skills Through Java, Problem Solving Skills-DSA through Java, Campus Recruitment Training, are conducted for III Year B.Tech. CSE students for a duration of 06 weeks.
- The department supports student-run clubs and associations that promote national schemes and foster a vibrant campus culture.
- Students are undergoing online/offline internships at reputed govt./non govt. organizations such as ISRO, DRDO, AP Telecom, IIT Tirupati, Accenture etc.
- Students have participated in various technical competitions showcasing their skills and winning awards.



B.Tech. CSE student D. Phanindra Reddy won Rs.60,000 Cash Prize at Kisan Agri Agro Show 2025 under the category “Student Innovative Idea”



B.Tech. CSE Students won 1st Prize at AI Autonomous Hackathon organized by Siddhartha Academy of Higher Education, Vijayawada



B.Tech. CSE Students stood as winners at Tech Tonic Software-Gyanith 2025 Hackathon organized by NIT, Puducherry during 27-28 February 2025

B.Tech. CSE Students participated in National Level Competition “IOT-Internet of Things” held at IIT Varanasi on 02 March 2025

- Cocubes assessment, an online platform to assess student preparedness for upcoming placement seasons is regularly organized twice in a semester to assess their progress.
- Students are encouraged to participate in national and international conferences, professional chapters (ISTE, IEEE, ACM, etc.), and external events, where they have won accolades for the department.
- Several students achieved notable milestones in innovation and entrepreneurship. Mr. P. Akshay Vardhan registered his startup with MSME. Mr. Veda Phaneendra Reddy published a patent and is currently pursuing Internship at IIT Tirupati on the same. He also launched his startup, NiGa Groups. Mr. T. Hemanth and Mr. Y. Rasool are developing a “Student-Industry Connect” networking platform. Another student team, led by Mr. C. Shesheer and Mr. G. Lokesh, is creating an AI-powered educational companion. These efforts reflect the department’s strong commitment to nurturing technical excellence, innovation, and societal impact.
- Faculty members consistently contributed to research by publishing papers in SCIE, Scopus, and Web of Science indexed journals and conferences. A total of 120 research papers were published by faculty in the year 2024 in various SCIE, Scopus, and Web of Science indexed journals and conferences.

DEPARTMENT OF DATA SCIENCE

Brief overview of department

The Department of Data Sciences at Mohan Babu University is dedicated to equipping students with the skills and knowledge needed to excel in the dynamic field of data science. Our primary objective is to cultivate future leaders in Data Science who can meet the increasing global demand for IT & Cyber Security professionals, Data Scientists, and Data Engineers. We achieve this goal by providing a robust foundation in theory coupled

with extensive hands-on experience in various Computer Science, Cyber Security, and Data Science tools and technologies.

Our department boasts a team of experienced faculty members who are committed to enhancing students' academic learning and preparing them for a seamless transition into the professional world. Through modern teaching-learning methods, we empower students to not only grasp conceptual and technical skills but also apply them effectively in real-world scenarios. Our scientific teaching methodology incorporates lectures, case studies, seminars, group discussions, project works, assignments, quizzes, webinars, and blended learning approaches to ensure comprehensive learning outcomes.

We place a strong emphasis on problem-solving skills, both inside and outside the classroom. Through structured coursework, hands-on laboratory exercises, course projects, and additional computer training beyond the academic curriculum, we instill a systematic approach to problem-solving in our students. Our laboratory exercises are meticulously designed to reflect the latest industry software and tools, providing students with invaluable real-time experience.

To further prepare our students for industry readiness, we conduct a variety of workshops, expert lectures, skill development programs, and personality development initiatives. These activities aim to enhance students' knowledge and skills in advanced technological areas, ensuring they are well-equipped to thrive in the competitive professional landscape.

As part of our commitment to providing industry-relevant education, we offer a curriculum in collaboration with industry giants such as IBM, tailored to meet current industry demands. Additionally, our Data Analytics Research Center provides students with opportunities to engage in cutting-edge research activities, further enriching their academic experience.

Recognizing the importance of self-directed learning, we offer courses through Massive Open Online Courses (MOOCs) to enhance students' self-learning abilities. Furthermore, we offer globally recognized certifications in platforms such as Google Cloud Platform (GCP), Amazon Web Services (AWS), Salesforce, and more, empowering students to validate their skills on a global scale.

To facilitate career growth and placement opportunities, we integrate practice sessions for placements through global platforms into our curriculum labs. Moreover, we offer foreign university exchange programs to broaden students' horizons and provide them with international exposure. Through co-curricular and extracurricular activities, such as the Google Developer Students Club and the IEEE-Robotics and Automation Society, we foster

an environment that encourages holistic development, making our students well-rounded individuals prepared to excel in the field of Data Sciences and beyond.

Vision

- To be recognized as a leader and center of excellence dedicated to addressing challenges and promoting excellence in the fields of data science, cybersecurity, and information technology through education, rigorous research, and innovative practices.

Mission

- To produce globally competent graduates having creative skills and ethical values with ever-changing technological advancements in Data Science, Cyber Security, and Information Technology fields.
- To promote interdisciplinary collaboration that cultivates a thorough understanding and integrated approach to addressing complex challenges.
- To adhere to ethical standards and use technology in a responsible manner, while ensuring data privacy, security, and integrity.
- To create an environment that encourages students to continue learning throughout their careers by actively engaging them with current developments in Data Science and emerging technologies.

Program Details

Programs offered by the department during the year (2024-2025)

S.No	Name of the Program	Duration (in Years)	Specialization
1	Bachelor of Technology (B.Tech)	4 years	Data Science
			Information Technology
			Cyber Security
2	Master of Technology (M.Tech)	2 years	Cyber Security
3	Doctor of Philosophy (Ph.D.)	-	-

Summary on Departmental Activities

Conferences Conducted:

The 3rd International Conference on “Data Analytics, Smart Computing and Networks (IDASCN-2024)” was held from 24–26 October 2024 in hybrid mode by Mohan Babu University's Departments of Data Science and Computer Applications. With over 219 paper submissions and 150 participants from India and abroad, the event featured expert

talks, panel discussions, and technical sessions across three key tracks, concluding with awards and a valedictory ceremony.



Dignitaries unfolded the conference proceedings

E-Jigyasa Project Expo 2025:

E-Jigyasa: Project Expo 2025 was held on 19th April 2025 at Mohan Babu University, organized by IEEE CS and RAS Chapters in association with IEEE SAC Hyderabad. Forty teams from various institutions showcased innovative hardware and software projects, with expert evaluations, awards, and enthusiastic participation fostering interdisciplinary collaboration and technical excellence.



Inauguration of the Event and Project Demonstration

Global Webinar Series:

The IEEE ATPSS Global Webinar Series, held from 22nd February to 15th March 2025, was organized by IEEE MBU and ATPSS to guide UG students on higher studies and global career opportunities. Featuring international industry experts across three sessions, the series attracted over 500 students and offered insights into cloud computing, embedded systems, and global education, along with interactive discussions and rewards.



A glimpse of the event

Industrial Visits:

Students from MBU visited ISRO's Satish Dhawan Space Centre on 21st March 2025, gaining insights into PSLV/GSLV launch systems and mission control operations. On 3rd January 2025, another group explored IIT Madras's research ecosystem, including drone demos and cutting-edge lab visits. Both visits enriched students' practical understanding of space technology and advanced research innovations.



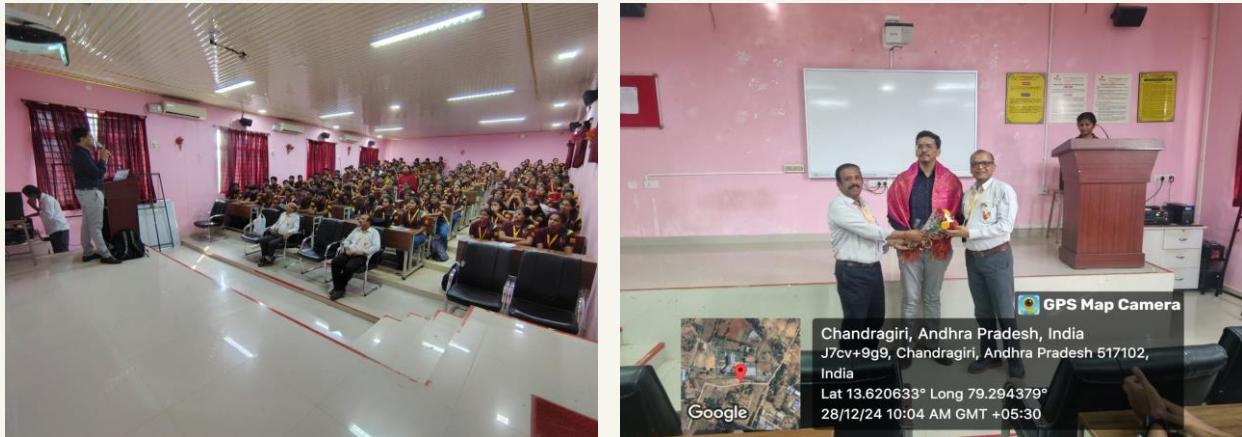
A visit to ISRO



A visit to IIT Madras

Guest Lecture:

On 28th Dec 2024, a guest lecture on Blockchain and cybersecurity was conducted by Mr. Hari P.V. for B.Tech. Data Science students. The session covered industry applications, real-time case studies, and digital security best practices. It bridged academic learning with emerging trends in Blockchain and cyber defense.



A glimpse of event

Community Project:

Launched in Oct 2024, the community project promotes rural recycling and waste awareness through education and local collaboration. Partnered with Sri Padmavathi Mahila Abudaya Sangam, it aligns with key SDGs and is currently active in village-level outreach.



A glimpse of interactions with public

Technical Association of Information Technology:

The Technical Association of Information Technology (TAIT) at MBU conducted 11 diverse events during 2024–25, blending technical skills, soft skills, and creativity. Highlights included coding challenges like Codes Quest, Python-based events (PYDROID, Techno Trends), role plays simulating IT roles, and fun quizzes like Mind Maze and Freedom. These events enhanced students' technical aptitude, teamwork, communication, and problem-solving abilities in an engaging, competitive environment.



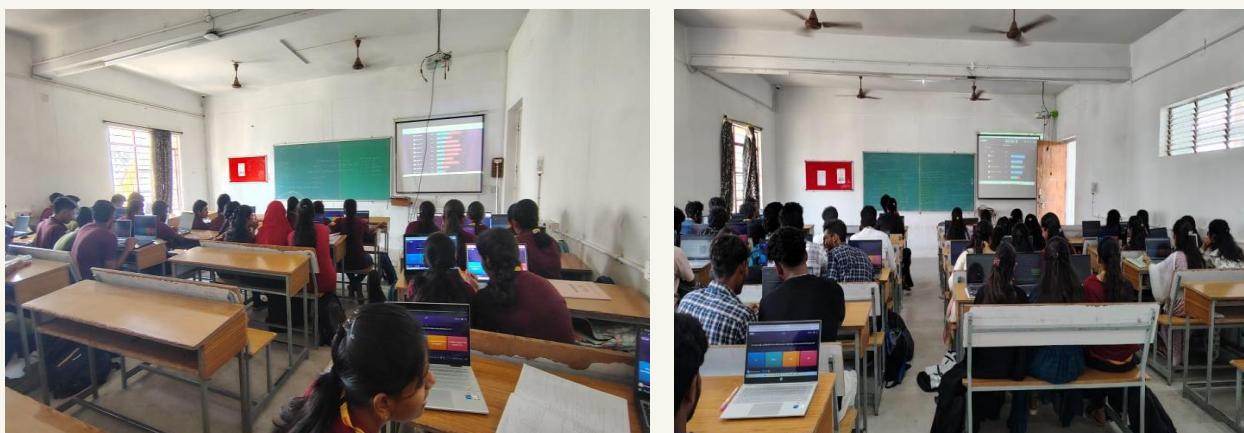
A glimpse of events

Transfer of Technology:

On 23rd October 2024, Youngminds Technology Solutions Pvt. Ltd. proposed a technology transfer to Mohan Babu University for a patented smart wearable (Patent No. 538048). The device supports visually impaired users with features like obstacle detection, GPS navigation, and voice commands. The collaboration aims to advance inclusive innovation and enhance user independence and safety.

NITTTR & NEP-2020 Implementation:

From 3rd to 8th April 2025, Ms. C. Nithisha implemented a gamified learning strategy inspired by the NITTTR Chennai FDP at MBU. Using platforms like Kahoot and Quizizz, 213 students participated in interactive quizzes with live leaderboards and multimedia elements. The approach boosted engagement and concept retention, with plans to expand it into a semester-long initiative.



Gamified Learning Approach

DEPARTMENT OF COMPUTER APPLICATIONS

Brief overview of department

The Department of Computer Applications offers a range of comprehensive programs designed to equip students with the skills and knowledge needed to thrive in today's dynamic IT landscape. Our undergraduate program includes the Bachelor of Computer Applications (BCA) degree, a three-year program that provides a solid foundation in computer science and IT. In addition to core courses in database management, networking, web development, and software engineering, students have the opportunity to specialize in cutting-edge fields such as Cloud Computing, Artificial Intelligence & Data Science and Cyber Security. Through hands-on projects, internships, and industrial visits, our students gain practical experience and develop the expertise needed to succeed in the industry.

We offer the Master of Computer Applications (MCA) program, a two-year postgraduate degree program, which covers diverse programming languages, tools, and technological aspects, preparing graduates to tackle the evolving challenges of the IT industry. With a curriculum tailored to industry needs, including the latest programming languages and technologies, our MCA program ensures that students are well-equipped to meet the demands of the computing industry.

At the Department of Computer Applications, we are committed to providing a holistic learning experience that combines theoretical knowledge with practical skills. Our faculty members are experts in their fields, dedicated to guiding students towards academic excellence and professional success. Department of Computer Applications embark on a journey towards a rewarding career in the exciting world of technology, passionate about creating innovative applications, designing immersive experiences, solving complex problems. Our programs will empower you to achieve your goals and make a meaningful impact in the digital age.

Vision

- To become a center of excellence in the field of computer science and applications.

Mission

- Imparting knowledge and skills through contemporary curriculum to the diverse group of students.
- Creating a talent pool of faculty in diverse domains of computer applications through continuous training.

- Domain and transferable skill development for the holistic personality of students to inculcate values and ethics for effective professional practice and as an entrepreneur.

Achievements:

- Faculty of computer application department have attended 54 staff development programs in academic year 2024-2025.
- Faculty of department have published 10 conference papers
- Students of computer application have published 6 conference papers.
- Department has signed two MoUs one with company 'RRR Cloud Solutions Pvt. Ltd.' on '18-10-2024' and another with company 'AIMERS' on '28-01-2025'.
- Dr. Niyaz Hussain A M J has received excellence in leadership award for outstanding contribution and achievements in academic discipline in association with SNS Institutions, 1st Gen AI Design Thinking Framework.
- Dr. P Baby Maruthi Associate Professor has provided valuable support and cooperation as a program committee member and reviewer in the international conference on ai and robotics (air) 2025 to be held at the center of excellence in medical robotics and research, Nazarbayev University Kazakhstan during May 09-11, 2025.
- Industrial visit to NARL Gadanki for I MCA students was held on 28th March 2025. accompanied by the faculty Dr. A. Jyothi Babu, Professor and Ms. P. Neeraja, Assistant Professor.
- Organized an interaction session with Vice Chancellor and Career Development Centre, Mohan Babu University for BCA and MCA students on 03.04.2025.
- Dr. Niyaz Hussain A. M. J., Associate Professor, received "Certificate of Reviewing", in recognition of outstanding service and valuable contributions as a reviewer for the journal Digital Communications and Networks, having successfully completed five peer reviews between April 2024 and February 2025.
- Dr. Niyaz Hussain A. M. J., Associate Professor, received "Certificate of Reviewing", in recognition of outstanding service and valuable contributions as a reviewer for the Journal of Networks and Computer Applications, having successfully completed 57 reviews between June 2020 and February 2025.

Summary on Departmental Activities of Academic year 2024-2025

- For the academic year 2024-25, a total of 297 students from BCA and MCA programs secured placements in reputed companies such as TCS, Accenture, LTIMindtree, Infosys, and Internsveda, with CTCs ranging from ₹2.4 LPA to ₹7 LPA. The placements showcased a strong industry connect and provided students with diverse opportunities in IT, software development, and training domains.

- Multiple technical and literary events were organized by IMAC, Tech 'Know' Club, Readers Club, and Fine Arts Club from August 2024 to March 2025, including coding contests, quizzes, debates, storytelling, acting, and creative writing activities. These events, coordinated by various faculty members, engaged over 1,000 students, fostering creativity, communication skills, and technical excellence.

Workshops:

The department of computer application has organized three workshops for BCA students in collaboration with the IEEE student chapter to enhance technical competencies and industry readiness. The first was a three-day offline workshop on “Artificial Intelligence & Machine Learning” from 2nd to 4th September 2024, led by Mr. T. Ganesh Reddy and team, focusing on real-time applications and hands-on practice in Python, benefiting over 80 third-semester students. The second, held online from 18th to 20th September 2024, was on “Python Programming” and conducted by Infosys trainers Ms. Aiswarya Rajeev and Ms. Girija T R, engaging 110 fifth-semester students in practical sessions and mini-projects. The third workshop on “Software Testing and Automation Tools” was conducted on 29th October 2024 by Mr. Liyaz from Wipro, benefiting around 90 students with foundational knowledge and practical exposure to software testing and automation. Collectively, these workshops enriched students' understanding of key technologies, improved coding and problem-solving skills, and equipped them with industry-relevant tools for future career growth.



A glimpse of the workshop



A glimpse of the workshop

Guest Lecture:

A guest lecture on “Unlocking Business Insights with Data Analytics in Power BI” was conducted on 24th October 2024 by Ms. P. Neeraja in collaboration with IEEE, with Mr. Rama Vempati as the resource person. Around 100 students gained hands-on insights into data visualization, analytics, and Power BI's real-world applications.



A glimpse of the guest lecture

Seminar:

A seminar on the topic “AI Application Development using Cloud” was conducted by Dr. A. Jyothi Babu, Professor, Dept of CA on 07th March, 2025. The resource person was Mr. Gopi Suman Addanke, Wealth Management Technology Lead, Mass Mutual Inc, USA.



A glimpse of seminar

Industrial Visits

Department of computer application organised an industrial visit to National Atmospheric Research Laboratories on 28-03-2025 for MCA students. This visit provided exposure to cutting edge research, atmospheric phenomena, practical applications of knowledge, environmental and climate change awareness, data collection and instrumentation, networking, safety and ethical practices.



A glimpse of visit

DEPARTMENT OF CIVIL ENGINEERING

Brief overview of department

The Department of Civil Engineering has been at the forefront of shaping future generations of engineers since its inception. With an initial intake of 60 students in the B.Tech. Civil Engineering program, we have grown steadily over the years, extending an intake of 120 students as of 2011, alongside admissions under the lateral entry scheme. Our commitment to excellence is evident through our accreditation by the National Board of Accreditation (NBA) for three years, from 2020 to 2023, with a recent extension granted for another three years, spanning from 2023 to 2026.

Civil engineering is the backbone of modern civilization, encompassing the planning, design, construction, maintenance, and operation of large-scale engineering projects essential for societal progress. As such, civil engineers play a crucial role wherever infrastructure development is underway. The field of civil engineering encompasses diverse specializations, including Construction Engineering, Environmental Engineering, Geotechnical Engineering, Structural Engineering, Surveying, Transportation Engineering, and Water Resources Engineering. At our department, we foster a dynamic learning environment where students are equipped with both theoretical knowledge and practical skills necessary to tackle real-world challenges. Our faculty members, who are experts in their respective fields, are dedicated to nurturing talent and fostering innovation among our students.

Vision

- To become a leading centre of excellence in the country in Civil Engineering education through teaching, research, innovation, incubation, consultancy and public service for technical development in a knowledge society.

Mission

- Inspire the civil engineers of tomorrow to take on the challenges of creating and sustaining the built environment that support our society.
- Nurture these civil engineers with fundamental engineering knowledge, a broad set of skills, and an inquisitive attitude for creating innovative solutions to serve industry and community through contemporary curriculum, congenial learning environment, pertinent research, innovation and incubation ecosystem, industry-institute interaction, mentoring, training and placement activities, student clubs, co-curricular and extra-curricular activities.
- Encourage faculty and staff to excel in their respective fields and demonstrate the best of their abilities by way of continuing education, research and consultancy.

Program Details

The B.Tech Civil Engineering program aims to equip students with strong engineering knowledge, creativity, and problem-solving skills in a global and sustainable context. It emphasizes professional ethics, industry and research-based projects, and holistic development. The curriculum, aligned with ASCE, ABET, AICTE, and UGC guidelines, follows a choice-based credit system with 160 credits for the major and an optional 18 for Minor/Honors.

Programs offered by the department during the year (2024-2025)

S.No	Name of the Program	Duration (in Years) & Intake	Specialization
1	B.Tech	4 & 60	Civil Engineering (with two specializations: 1. Structural Engineering; 2. Geotechnical & Transportation Engineering)
2	M.Tech	2 & 18	Construction Technology and Management
3	Ph.D.	-	All Areas of Civil Engineering

Details of the Faculty

The Department is endowed with competent faculty doing research in most of the domains of Civil Engineering. Majority of the faculty members have been publishing their

articles in peer reviewed journals such as SCI/SCOPUS/WoS/ SCI Expanded indexed journals. The following are the details of research publications.

Details of Research Publication

S.No	Name of the Faculty	Specialization	Total Number of Research Articles
1	Dr. G K Arunvivek	Structural Engineering	33
2	Dr. D Karunanidhi	Hydrogeology	98
3	Mr. R Srinivasa Rao	Geotechnical Engineering	12
4	Mr. D.V. Purusotham	Structural Engineering	4
5	Mr. M.S.Yuvraj	Structural Engineering	7
6	Mr. Shaik Nurulla	Construction & Management	10
7	Mr. Pramod Kumar	Structural Engineering	22
8	Mr. Sanjay Sharma	Water Resources Engineering	13

Teaching and Learning Activities

Teaching and Learning Process in the department is fully student-centric approach where faculty are adopting various modern techniques including flipped classrooms, project-based learning, real-world case studies, group discussions, and inter disciplinary projects. This process is helpful to equip the students to strive in academically challenged and actively engaging settings. Further, department implements experiential learning through practical assignments and mini projects in all the courses which in turn helps the students to apply knowledge to solve real-world problems.

Besides, the students are encouraged to use the ICT facilities for knowledge dissemination through video lectures (MOOCs) on various platforms such as SWAYAM-NPTEL, Virtual Labs Coursera etc. The department is also organizing co-curricular activities like industrial visits and internships which offer exposure, hands-on experience, and practical insights on the relevant courses to the students. Moreover, majority of the teaching methods are also blended by the use of 3-D working models (through animations) enabling the students to visualize and learning of various mechanisms and concepts. Students are also encouraged to undertake group projects and apply their acquired skills to address real-world industrial and societal challenges. Incidentally, two students from IV B.Tech got funding from The AICTE IDEA Lab on campus to manufacture the concrete using 3-D printing technology.

NEP implementation

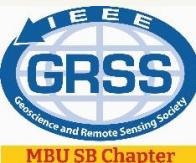
NEP 2020 is one of the largest milestones of the Indian Education System as it is one of the most comprehensive, structured and focused education policy to meet the

contemporary and futuristic needs of Indian youth and employment in India. For its effective, smooth and uniform implementation, at present, efforts are made and being made by the department to offer the following: Flexible Curriculum Structure, Choice based Credit System (CBCS), Academic Bank of Credits (ABC), Outcome based Education, Discussion on Curricular Reforms, Feedback System on Curriculum and Faculty, Multidisciplinary, Intradisciplinary & Interdisciplinary approach, Digitalization in Education, Introduction of Skill based courses to increase employability potential in UG and professional programs, Technology Use, Integration and Transfer, Global Outreach of Higher Education, Promotion of Indian Knowledge Systems, Languages, Culture and Values, Research, Innovation and Rankings. Further, activities are also planned to support the following: Equity and Inclusion in Higher Education, Student Support Practices, Gender Equity, Efforts for Socio-Economically Disadvantaged group, Persons with Disability (PWD) etc.

Summary on Departmental Activities in Academic Year 2024-2025

The department of Civil Engineering is associated with various forums such as American Society of Civil Engineers (ASCE), Indian Geotechnical Society (IGS), IEEE-GRSS, Indian Green Building Council (IGBC) and Intellectual Association of Civil Engineers (IACE) organized various programs for students, faculty to enhance their knowledge and potential. The College also organized various co-curricular activities for students through these Professional Chapters.

Details of Students Professional Societies

Name of the Professional Society/Student Chapter	Faculty Advisor/Coordinator
 American Society of Civil Engineers (ASCE) MBU Student Chapter	Mr. D V Purusotham Assistant Professor
 Indian Geotechnical Society Mohan Babu University (IGS MBU) Student Chapter	Mr. R Srinivasa Rao Associate Professor
 IEEE-GRSS	Mr. R Srinivasa Rao Associate Professor

Name of the Professional Society/Student Chapter	Faculty Advisor/Coordinator
 Indian Green Building Council Mohan Babu University (IGBC MBU) Student Chapter	Mr. M.S.Yuvaraj Assistant Professor
 Intellectual Association of Civil Engineers (IACE)	Mr. Shaik Nurulla Assistant Professor

Events conducted by American Society of Civil Engineers (ASCE) MBU Student Chapter

Industrial Visits:

Department of civil engineering has organized various industrial or field visits to enhance practical understanding and industry exposure. Students visited various construction sites, water treatment plants, and infrastructure projects to observe real-time civil engineering practices. These visits bridged classroom learning with on-site applications, enabling better comprehension of engineering concepts. Interaction with industry professionals during these visits enriched students' knowledge of current technologies and project management.



Visit to AP Fire Department



A visit to Kalyani Dam



A visit to Indoor Stadium



A visit to Heritage Dairy Industry and Treatment Plant

Workshop:

Five Days Workshop on “Primavera P6 – Project Management Software” was conducted for B.Tech civil engineering students.



A glimpse of the workshop

Orientation Program for Freshers:

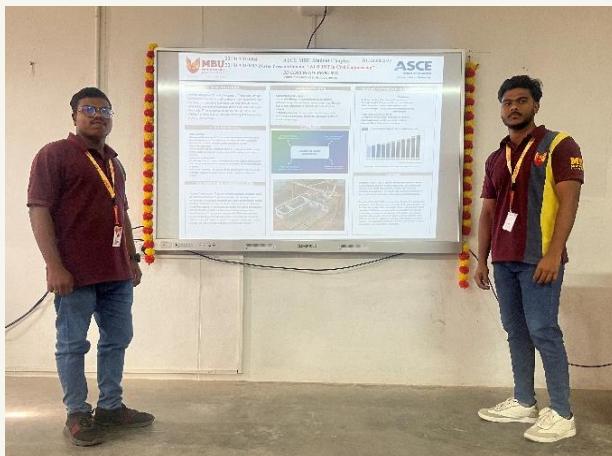
The Department of Civil Engineering at Mohan Babu University organized a lecture on “Civil Engineering – Legacy and Career Opportunities” on 21st August 2024 for I B.Tech and II B.Tech Lateral Entry students under the ASCE MBU Student Chapter. Mr.D.V.Purushotham delivered an insightful session highlighting the significance, innovations, and societal contributions of civil engineering. The event helped students understand the scope and pride associated with the civil engineering profession.



A glimpse of the program

Student Enrichment Activities:

The Department of Civil Engineering at Mohan Babu University, under the ASCE MBU Student Chapter, conducted several student-centric activities to enhance technical, design, and social awareness. Events like Poster Presentation on “AI & IoT in Civil Engineering,” Structural Photography Competition, and CADATHON provided platforms to showcase creativity, innovation, and technical skills. Additionally, an outreach activity on Rainwater Harvesting at Kotala village highlighted the department's commitment to societal contribution and sustainable practices. These activities enriched students' knowledge while nurturing leadership, responsibility, and community engagement.



Poster presentations on “AI & IoT in Civil Engineering”



A glimpse of Structural Photography Competition



A glimpse of Cadathon Competition



A glimpse of outreach activity

Events conducted by Indian Geotechnical Society (IGS) MBU Student Chapter

The Department of Civil Engineering at Mohan Babu University organized two technical events to foster innovation and knowledge sharing among B.Tech students. A “Poster Presentation on Geotechnical Structures” was held on 10th August 2024, with 18 students showcasing their ideas, while a “Technical Presentation on Sustainable Geotechnics in Smart Cities” took place on 27th September 2024, involving 11 teams and 35 participants. These events enriched students with both general and technical knowledge, encouraged creative thinking, enhanced soft skills, and promoted a spirit of curiosity and healthy competition. Such initiatives aim to ignite young minds and inspire active participation in academic and professional platforms.



An event on “Technical Presentation on Sustainable Geotechnics in Smart Cities”



An event titled “Technical Poster Presentation on Geotechnical Structure”

Events conducted by Intellectual Association of Civil Engineers (IACE) Student Chapter

The Department of Civil Engineering at Mohan Babu University conducted several student-centered activities to enhance technical exposure and career awareness. An “Awareness Program on Water Conservation and Rainwater Harvesting” was held on 19th October 2024 at A. Rangampet village, where 12 students educated locals about water

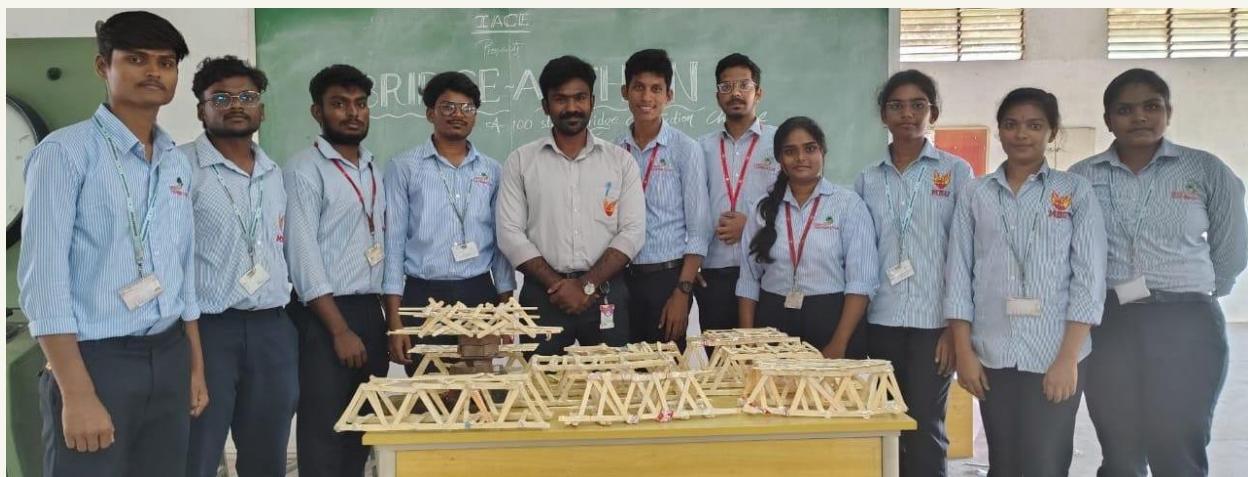
scarcity in the Rayalaseema region and the importance of rainwater harvesting at the household level. On 7th November 2024, a technical competition titled “BRIDGE-A-THON” was organized on campus, where 30 students from III- and IV-year Civil Engineering demonstrated bridge-building skills, and winners were awarded based on innovation and performance. Additionally, an “Awareness Programme on GATE” was conducted on 11th February 2025, with expert guidance from Mr. N. S. Reddy of Kautilya Institution, Tirupati, where 45 students gained insights into GATE preparation and its career benefits for civil engineers. These events, organized by IACE, enriched students’ knowledge and professional readiness.



Awareness Programme on GATE



Awareness program on water conservation and rain water harvesting

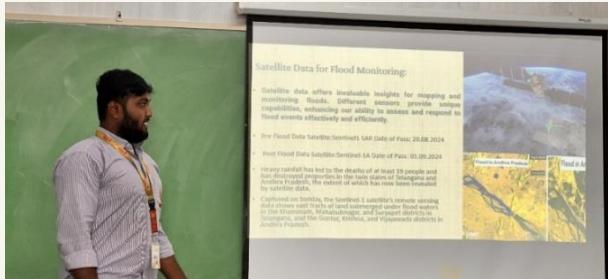


Technical Competition on BRIDGE-A-THON

Events conducted by IEEE-GRSS Student Branch Chapter.

The IEEE-GRSS Student Branch Chapter of the Civil Engineering Department organized a series of technical events in April 2025 to enhance students’ understanding of geospatial technologies. A Technical Quiz on the “Role of Geosciences and Remote Sensing in Civil Engineering” was conducted on 8th April for 2nd and 3rd year students, followed by Technical Presentations on “Application of Geospatial Technology in Disaster Management” on 10th April, where students showcased case studies on natural hazards.

On 15th April, a Poster Presentation (Project Expo) was held in collaboration with ASCE, featuring 24 final-year project teams, with 15 projects identified as patent-worthy for their innovations in sustainable construction materials and soil stabilization.



Technical Presentations On “Application of Geospatial Technology in Disaster Management”



A glimpse of poster presentations

ASCE Distinguished Chapter Award

ASCE MBU Student Chapter, Department of Civil Engineering College, MBU has bagged two prestigious honors, "2025 Region 10 Distinguished Chapter Award" as the most outstanding Student Chapter in Region 10. Region 10 is the home of ASCE international members and covers all countries outside of North America.

DEPARTMENT OF MECHANICAL ENGINEERING

Brief overview of department

Mechanical engineering is a plethora of possibilities and opportunities. It paves the way for a productive career that benefits an individual and the society. It is a discipline that hones convergent, divergent, critical and creative thinking skills. Also, it nurtures skills in design, research and manufacturing of equipment, aircraft and other vehicles. A mechanical engineer is always highly valued for his/ her invention skills. There are several reasons for considering Mechanical Engineering as a career option such as wide range of career choices, exposure to global opportunities, expertise in wide variety of domains, and unlimited scope of contribution to the society.

The department of Mechanical Engineering was established in 2011, with the introduction of a Bachelor of Technology degree program in Mechanical Engineering. The curriculum initially admitted 60 students. Following that, the capacity for admission was increased in order to accommodate a total of 180 students. The B.Tech course has been granted accreditation by the National Board of Accreditation (NBA) for a period of three years, particularly from March 3, 2020, to June 30, 2023. Further, this was extended to 30 June 2026. The institution holds a prominent position among the leading Mechanical engineering institutions located in South India.

Vision

- To be a premier centre of excellence by synergizing interdisciplinary curriculum and innovative research to produce globally competent mechanical engineers contributing to society through entrepreneurship and technological leadership.

Mission

- Impart quality education to create globally competitive mechanical engineers for multicultural and multidisciplinary environments through the contemporary curriculum.
- Develop and maintain the state of art research facilities to enable the faculty and students to address the evolving needs of industry and society.
- Create and maintain a collegial, supportive, and diverse environment that encourages students, faculty, and staff to achieve to the best of their abilities.
- Instil entrepreneurial spirit in students through a multifaceted approach.
- Foster problem solving, leadership, teamwork skills, and the value of commitment, quality and ethical behavior in the students.

Programs Offered with details

B. Tech in Mechanical Engineering, a four-year undergraduate program, equips the students with sound knowledge of theoretical and practical experiences in the core subjects of Mechanical Engineering such as Design Engineering, Manufacturing Engineering, Thermal Engineering, Industrial Engineering, and allied areas. Mechanical engineering is a broad field that encompasses everything from primarily aesthetic design to highly technical scientific research for the creation of products, machines, energy-efficient systems, and technological systems for the benefit of society.

Program Details

Details of the Programs Offered

UG Program	Duration	Intake
B.Tech. Mechanical Engineering	8 Semesters (4 Years)	60
PG Program		
M.Tech. Machine Design	4 Semesters (2 Years)	18
Research Program		
Ph.D (Mechanical Engineering)	<ul style="list-style-type: none">• 6 Semesters (3 Years) for regular• 8 Semesters (4 Years) for part time	

Teaching and Learning Activities

The Department holistic, application-driven, socially responsive employs a student-centric framework in teaching and learning methodologies. Accordingly, National symposiums, technical paper presentations, expert guest lectures, skill development workshops, these co-curricular initiatives are actively fostered by the department to prepare a strong student skillset. Thus, students are directed to develop innovative, technology-based solutions through analytical problem-solving and critical reasoning.

To nurture student talent and organizational abilities, the department functions through different clubs such as Creative Association for Mechanical Engineering Students (CAMS), CAD club, Robotics Club, Automotive Club etc. Additionally, specialized technical forums such as SAE INDIA Collegiate Club of SVEC, ISHRAE, IWS, IEI, ISTE, IIPE, ASME Student Section, and the Robotics Club operate under the department, offering diverse opportunities for students to enhance their technical and soft skills through both technical and non-technical events.

Faculty members support these initiatives through innovative teaching practices and active research engagement across various domains of Mechanical Engineering. The department employs modern pedagogical methods; faculty members are trained periodically to upgrade their skills. Working models, ICT-integrated tools, pedagogical frameworks and these innovations enhance teaching effectiveness and student engagement. Further, strategies replete with project-based learning, blended learning, complemented by e-resources (periodically submitted to CAMU portal) and other digital learning tools augment the teaching-learning framework. Significant student-led projects and research outputs reflect the department's commitment to experiential and industry-aligned learning.

Concepts are taught with case studies, demonstrations, working models, teaching aids, and real time examples for courses like Computer Aided Engineering Drawing, Kinematics of Machinery, Dynamics of Machinery, Thermal Engineering, Automobile Engineering, Heat transfer, Refrigeration and air conditioning. Experiential learning is designed to practice and learn concepts included in theory. The experiential learning sessions are conducted to verify the protocol of experiments, recording the data, analysis of data and writing the results and conclusions. Day-to-day evaluation of laboratory exercises is conducted to assess learning. The cutting-edge laboratories offer a dynamic setting where students may blend theoretical knowledge to real-life situations, encouraging a more profound comprehension and stimulating creativity in the realm of mechanical engineering.

Over time, the department has continuously evolved, embracing advancements in technology while maintaining a firm foundation in the core principles of Mechanical Engineering, but strengthening itself in contemporary technological landscape.

International Affairs:

Mohan Babu University having MoU with RWTH, Germany provided an opportunity for master's degree Qualification Program (German Engineering College Program) at RWTH Aachen University; the Department of Mechanical Engineering, in collaboration with RWTH Aachen University Germany, organized a comprehensive "German Pre-Master's Degree Certification Program" (GPM) to prepare students for pursuing a master's degree in mechanical engineering at RWTH University. The GPM program spanned from 23rd September to 25th October 2024, with four meritorious students selected for participation based on their academic excellence and potential for further study. Phase 1 of the program included intensive and structured coursework delivered by RWTH Aachen University professor Dr.-Ing. Sandeep Patil, Director of the RWTH India Office. Also, two Mechanical Engineering students attended the GEC Program at RWTH Aachen University (01.07.2024–21.12.2024), which offers GRE waiver, confirmed master's admission at RWTH, and a 50% scholarship for top Indian students.



A glimpse of the program

NEP implementation

The Department of Mechanical Engineering has completely synchronized its curriculum with the tenets of the National Education Policy (NEP), ensuring that both B.Tech and M.Tech students have a comprehensive, adaptable, and future-oriented education. The department has instituted the Fully Flexible Choice Based Credit System, enabling students to customize their educational trajectories according to personal objectives. Students undertake Compulsory Courses for Knowledge Development in certain domains, Skill Enhancement Courses, and Ability Enhancement Compulsory Courses, which include communication skills, environmental science, and other practical, application-oriented disciplines. The curriculum also encompasses courses of cultural and philosophical significance: Indian Constitution, Yoga and Meditation, and Concepts of Indian Knowledge Systems. These classes, rooted in tradition, values, and civic awareness, foster comprehensive student development.

To steer NEP objectives, the department advocates for student-centered learning via industry-recognized MOOCs and professional certifications: Coursera, NPTEL and others. Skill training and practical engagement through, APSSDC-SIEMENS, and other platforms facilitate students in reconciling conceptual knowledge with industry requirements. Students engage in collaboration, innovation, and active learning through many clusters and associations: CAMS, the Automotive Club, the CAD Club, and the Robotics and Innovation Club each serve as dynamic platforms for development. In addition to academics, students engage in many experiential activities, including community service projects, industry visits, internships, and capstone projects. The department's NEP-driven goal is defined by experiences that are industry-linked, socially rooted, and application-oriented, aiming to produce engineers who are proficient, ethical, and prepared for the future.

Events organized during Academic Year 2024-2025

Sustainable Development Goal's Activities

The Department executed more than 18 significant programs in accordance with Sustainable Development Goal 4 (SDG-4), fostering inclusive and high-quality education. The activities encompassed professional lectures, practical workshops, webinars, and awareness campaigns addressing subjects such as educational technology, time management, career advising, and individualized learning. Events involved several students from the Mechanical, Civil, AIML, and Pharmacy disciplines. The projects prioritized skill enhancement, innovation, gender equity, entrepreneurship, and access to digital education. The events also addressed SDG-5 (Gender Equality), SDG-8 (Decent Work and Economic Growth), and SDG-9 (Industry, Innovation, and Infrastructure) alongside SDG-4.



A glimpse of activities

Co-curricular Activities

The subsequent Technical Associations and clubs of the department afforded students outstanding opportunities to participate actively in a gamut of activities replete with opportunities to foster their knowledge, skill-set and expertise.

Creative Association of Mechanical Engineering Students (CAMS)

The Creative Association of Mechanical Engineering Students (CAMS) organized different events, student development programs, and orientation programs for career development. These events include “Brain Battle”, “Voice of Experience: Alumuni Career Connect”, physical training program, symposium etc. These events are organized for experimental learning, critical thinking and technical improvement of students of Mechanical Engineering.



Brain Battle



Physical Training Program on ANSYS



Alumni Career Connect



Symposium titled “CAMS COLLAB 2K25”

Automotive Club

The Departments Automotive club provides awareness on emerging technological realms of automobiles. Dr. T. Hariprasad, Professor organized a talk on “Soft Skills” was held on 21.08.2024 under Automotive Club. “Demonstration on Regenerative E-Cycle” was organized on 23.4.2025 to introduce students to the concept of regenerative braking and its application in electric mobility systems and to provide hands-on exposure to the design, components, and operation of a regenerative E-cycle. 28 I year B.Tech students attended the event. Dr. T. Hariprasad, Professor and Automotive Club Coordinator organized a technical event on “Modeling and Kinematic check” held on 17.10.2024 for III-year B.Tech students of 21 members.



Soft Skill program



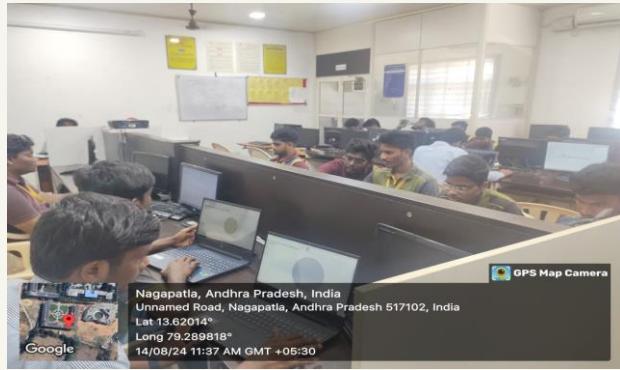
Demonstration on Regenerative E-Cycle

Computer Aided Design Club (CAD Club)

The Department organized the various activities in association with CAD Club: “Engineering Drawing and Drafting with AutoCAD” was organized to provide hands-on experience in advanced drafting techniques and complex component design, such as a crane hook.



Workshop on AutoCAD



Workshop on “Building 3D Models”



Internship opportunity event



A Group Discussion on “Lateral Logic in Design”

“Building 3D Models in SolidWorks” workshop was organized on 14th August 2024 to provide students with hands-on experience in creating accurate 3D models using SolidWorks. “Internship Opportunities for Mechanical Engineering Students” was organized on 8th November 2024 to highlight the diverse range of internship opportunities available for Mechanical Engineering students. These events have directly benefitted 62 students.

Robotics & Innovation Club:

Robotics & Innovation Club has organized two events “Reduction of Plastic Waste from Manufacturing Industries” on 20.02.2025 and “Project Expo” on 16.04.2025. Both events are organized by Dr. P. Thejasree, Associate Professor in Mechanical Engineering.



A glimpse of presentation



Project Expo

Two Week Foundry Practice Program:

The department of mechanical engineering trained seven external participants in the foundry domain for two weeks Providing comprehensive exposure to the foundry process, including pattern making, mold preparation, metal melting, and casting and enhancing the technical skills and employability through practical training from 16.05.2025 to 26.05.2025.



A glimpse of the program



Expert and Guest interactions

To stay in-tune domain specific landscape, gain research insights, motivation towards career opportunities the department organized expert and guest interactions apart from department clubs and professional societies.

Guest Lectures

Dr. I. Siva, Professor organized a webinar on “Quality Management in Mechanical Engineering Industries” on 03.08.2024. with Mr. S. Arun Siva Kumar, Senior Designer at Creative Synergies Group in Bangalore, as the resource person. Dr. K. Lakshmi Kala, Asst. Professor organized Alumni Lecture titled “Career Guidance for Mechanical Engineering Students in Software Platform” held on 23.08.2024. These events directly benefited 92 students of the department.



A glimpse of webinar



A glimpse of lecture

Industrial visits:

For the experimental learning and training purpose for students, the department focuses on industrial visits. Three industrial visits to “SIBAR Auto Parts Ltd, Renigunta, Tirupati” and “RAVANDS Plastech, Puthalapattu, Chittoor Dt.”. A total of 104 students attended these visits.



A visit to SIBAR Auto Parts Ltd



A visit to RAVANDS Plastech

Innovation and Entrepreneurship:

The department of Mechanical Engineering focuses on innovation and entrepreneurship for the growth of department, institute and country. Two induction programs are conducted by Dr. B. Vishnu Vardhana Naidu, Assoc. Professor on “From Ideas to Impact: The Basics of Entrepreneurship” and “Internal Smart India Hackathon-2024” in the department to encourage the students for innovative ideas in entrepreneurship. A total of 220 students is benefited from these programs. Also, faculties of department participated in 10 programs related to innovation and entrepreneurship.



A glimpse of program



Internal Smart India Hackathon-2024

Faculty Development activities:

Faculty members are encouraged to attend Seminars/ Workshops/ FDPs, Refresher Courses, present papers in the Conferences, publish technical papers in Journals and improve their academic qualifications. Members are provided with financial support to attend the aforementioned. Also, Departments organized Faculty Development program in various domains. Faculty members often participate in seminars, workshops, and conferences, consistently enhancing their knowledge and skills in their respective professions on Stream specific technologies, Innovation, and Entrepreneurship. Several faculties participated in programs on AIML, IoT, advanced materials, generative AI, and instructional design. Involvement also encompassed national seminars, NEP 2020 orientation, and professional development programs under UGC projects. Also, Faculty members undergone one week internship at Ashok Leyland Technical Centre, Velliavoyalchavadi, Chennai. from 19.5.2025 to 23.5.2025: Dr. B. Sachuthananthan, Dr. R. L. Krupakaran, Dr. S. Raghunathan, 3 Professors, and Dr. P. Prakash Asso. Professor, Mechanical Engg. MBU, Tirupati attended the internship. Dr. Dr.N.Manikandan attended the L&T EduTech, Chennai Aligned with FIP 2025 – AI Bootcamp for Senior Educators from 26.05.2025 To:29.05.2025. A total of 15 Seminars/ Workshops/ FDPs have been attended by many faculties in this academic year.



A glimpse of participation



Dr. T. Hariprasad, Professor has successfully completed an online non-credit course on “Introduction to Intellectual Property” authorized by University of Pennsylvania. Dr. B. Vishnu Vardhana Naidu, Assoc. Professor successfully completed 12 weeks NPTEL course on “Introduction to Internet of Things” through two various institutions i.e., IIT Madras and IIT Kharagpur during the period Jul-Oct, 2024.

Awards & Recognitions:

- Dr. N. Manikandan, Professor has been recognized in the prestigious Stanford/Elsevier Top 2% Scientists List for the calendar year 2024. (The Stanford/Elsevier Top 2% Scientists List is a globally recognized ranking that identifies the world's most influential researchers based on the impact of their published work.)
- Dr. B. Vishnu Vardhana Naidu, Assoc. Professor received “Distinction Award” by IUCEE Foundation & International Society for Engineering Education (IGIP), Austria for successful completion of IUCEE International Educator Certification Program Spring 2024 with 94%, dt. July, 2024.
- Dr. B. Vishnu Vardhana Naidu received certificate of appreciation for valuable time contributed as a faculty mentor and assistant faculty for grading from IUCEE.
- Dr. K. Lakshmi Kala, Asst. Professor received certificate “Best Paper of the Technical Session” as an author of the paper entitled “Mechanical characterization of Jute/Epoxy composites supplemented with g-C₃N₄ Particles” at the 1st International Conference on “Advancements in Sustainable Energy Materials & Manufacturing Technology” during 13.09.2024 to 14.09.2024 organized by MLR Institute of Technology, Hyderabad.
- “Analysis and optimization of Drilling parameters using Hybrid based Taguchi-GRA analysis on Al7075 in the International conference on Interactive Design and Digital Manufacturing (ICIDDM 2K25) organized by School of Mechanical Engineering, SRM Institute of Science & Technology Tiruchirappalli held during 11th & 12th April 2025. Students - C. Harish, D. Baya Reddy, D. Baba Farook, K. Santhi Babu under the guidance of Dr. K. Lakshmi kala received certificate of appreciation as best paper.
- Dr. B. Vishnu Vardhana Naidu, Assoc. Professor received award for exceptional contribution as a Jury Member in Smart India Hackathon, 2023 from Ministry of Education
- Dr. P. Thejasree, Assoc. Professor is delighted to share that her research work has recently reached a significant milestone, surpassing 1000 citations on Google Scholar as on 16-01-2025.

- Dr. T. Hariprasad, Professor, received a certificate of appreciation for his role as a Keynote Speaker at the International Conference on Interdisciplinary Studies in Education, Research, and Technology 2024 (ISERT 2024), held from December 20.12.2024 to 23.12.2024, and organized by Laescuela Education, Dubai, UAE

Students Achievements

- G. R. Harika, bearing roll number 22125A0317, participated in the 32nd Sports Day organized by Mohan Babu University, Tirupati, and delivered an outstanding performance in the Volleyball (Internal) event held on 10.01.2025, securing 2nd position.
- S. M. D. Muzammil Shareef (22125A0347) won the 2nd Prize in the Ramp Walk event held from 05.10.2024 to 06.10.2024.
- The students from IV B. Tech, successfully completed internships. ELEATION, SKILL DZIRE, EDU SKILLS, ROLLWELL CONVEYOR PVT LTD, APSSDC, platforms facilitated the completion of 156 internships. D. Pavitra, M.Tech completed internship at NIT Tirchi Micro Machining Center.
- A total of 8 papers are presented by final year students in international conference on Interactive Design and Digital Manufacturing 2k25 (ICICIDDM 2K25).

Faculty Publications and Patents

Faculty members make significant academic contributions, regularly publishing their research findings in reputed journals having high impact factors, and national & international conferences. Further, Faculty members actively engage in innovative research endeavors, which encompass not only publishing yet submitting patent applications. Faculty members are contributing to the advancement of academic literature and advancing practical applications that have the potential to profoundly affect society through their innovative endeavors. During this academic year, faculty published around 109 publications, 44 conferences and 6 patents published.

List of Ongoing / Completed R&D Projects:

Dr. S. Ragu Nathan, Assoc. Professor, has been granted a sanctioned amount of Rs. 39,89,708/- by Advanced Manufacturing Technology (AMT), Technology Development and Transfer (TDT), DST for a tenure of three years for working on the project titled “Development of an automated fixture for friction stir welding of defense grade (AA5083/AA7075) pipes”.

Collaborations:

S.No	Research Centre	Collaborations
1.	Micromachining Research Centre	<ul style="list-style-type: none"> ❖ Concord United India Pvt. Ltd., Bengaluru with Mr. Rajendran Metti, General Manager. ❖ IIT Roorkee with Professor Dr. Sukrit Mula, Department of Metallurgy and Materials. ❖ NIT-Warangal, Telangana with Professor Dr. Adepu Kumar, Department of Mechanical Engineering. ❖ IIT Tirupati with Professor Vengiah. ❖ Sastra Deemed University with Dr. Prakash Rajendran, Department of Mechanical Engineering. ❖ Also, Vellore EDM industries, Vellore with Mr. Murugan, Technical Advisor.

MOUs Signed /Initiated:

S.No	Name of Industry/Organization/Academia	Dept.	Date & Year
1.	M/s Sivaram Barrels Industries (Mr. Jithendra Kumar, Managing Director), No. 11/14, industrial Estate, Renigunta Road, Tirupati.	ME	01.09.2024

Grants received from various agencies:

Sl. No.	Name of the Faculty	Dept.	Scheme	Title of the Project	Amount (Rs.)
1.	Dr. P. Prakash	ME	Consultancy with Sivaram Barrel Industries, Renigunta, Tirupati.	Failure analysis and Defect prevention mechanism for seam welding of Cold Rolled- close annealed Mild Steel for Crude oil Barrel manufacturing.	16,52,000/-
2.	Dr. T. Hariprasad	ME	Consultancy with H SQUARE, Plot No-32, Settipalli Industrial Estate, Renigunta	Multipurpose solar dryer, vacuum and sealing machine for community products.	34,19,375/-
3.	Dr. R. L. Krupakaran	ME	Consultancy with TECHNOGRAD, Tirupati.	Development of a sustainable Manufacturing and prototyping hub for renewable energy and electric Mobility solutions	27,55,876/-

Sl. No.	Name of the Faculty	Dept.	Scheme	Title of the Project	Amount (Rs.)
4.	Dr. B. Sachutha nanthan	ME	Consultancy with Paladugu Structural and Roofing Industry, Pullaiah Gari Palli.	Die Restoring through Wire EDM for low Heat / Stress damages to meet high precision Extrusion	15,00,000/-

Placement and Training

The Placement and Training Centre has been actively involved in providing training and placement opportunities for students. Skills were delivered in emerging areas to meet industry requirements. To mention a few, Technical Skills Training on DSA through Python from 20.01.2025 to 30.01.2025, CRT-Campus Recruitment Training from 24.03.2025 to 11.04.2025; Technical Training-Problem Solving Skills through JAVA from 24.02.2025 to 01.03.2025 are some training endeavors made to leverage the skill set. Also, Orientation Session On “IIT Minor Degree Program” in Collaboration with MASAI was organized on 05.02.2025.

Department of Electrical and Electronics Engineering

Brief overview of department

The Department of EEE at MBU School of Engineering (Erstwhile Sri Vidyanikethan Engineering College) was established in 1996, initially offering B.Tech (EEE) with 60 seats. Over time, the Department has expanded its intake to 120 seats, including 20% additional seats under the lateral entry scheme. Currently, the department offers three undergraduate programs: B.Tech in Electrical and Electronics Engineering, B.Tech in Electrical and Electronics Engineering with specialization in High Voltage Engineering and Power Systems, and B.Tech in Electrical and Electronics Engineering with specialization in Automotive Electronics. It also provides a postgraduate program in Electrical Power System and a Doctoral Program. With the highly qualified faculty, including 17 PhD holders, the Department is well-equipped with advanced laboratories and a dedicated research center called the "Applied Renewable Energy Research Center." The B.Tech program has been re-accredited by the NBA for three years (from 31.08.2023 to 30.06.2026).

Dr. M.S. Sujatha, Professor of EEE, is heading the Department, with over twenty-five years of teaching and research experience. She has published more than 50 research articles in reputed National/International Journals/Conferences, specializing in Wireless Sensors and Wireless Communication for Energy Management & Power Systems, Renewable Energy Sources, and Soft Computing Techniques.

Vision

- To become the Nation's premiere center of excellence in electrical engineering through teaching, training, research and innovation by creating competent engineering professionals with values and ethics.

Mission

- Providing state-of-art resources that foster academic excellence through teaching-learning, research, avenues for entrepreneurship, employability and other holistic developmental activities.
- Providing contemporary curriculum with academic flexibilities and learner centric higher order learning in the field of Electrical and Electronics Engineering or multi-disciplinary domains.
- Honing technical and soft skills to bridge the gap between the industry and academia through comprehensive modular training programs.
- Inspiring students for aptitude for research and innovation by exposing them to industry and societal needs to create solutions for contemporary problems.
- Inculcating values and ethics among students for a holistic engineering professional practice.

Program Details

Programs offered by the department during the year (2024-2025)

UG Program	Duration	Intake
1.B.Tech. Electrical and Electronics Engineering	8 semesters (4 Years)	120
PG Program		
1. M.Tech. Electrical Power Systems	4 semesters (2 Years)	18
Research Program		
Ph.D (EEE)	6 semesters (3 Years) for regular and 8 semesters (4 Years) for part time	-

Teaching and Learning Activities

Innovative Pedagogies

Teaching practices combine blended and ICT-enabled learning through NPTEL, SWAYAM, Coursera, and smart classrooms, supported by rich AV media. Flipped and experiential models enable pre-class digital learning, freeing time for problem-solving, projects, internships, and fieldwork.

Learning Tools & E-Resources

Faculty have developed comprehensive video lectures available on LMS and YouTube to enhance blended learning and accessibility. In addition, virtual labs and advanced simulation suites such as MATLAB/Simulink are integrated into the curriculum.

Laboratories & Infrastructure

The department offers a robust lab ecosystem spanning fundamentals to advanced research, including Electrical Machines, Electrical Circuits, Power Electronics, Measurements and Testing, Power Systems and Protection, System Simulation using MATLAB, PSCAD and Mi Power, Basic EEE Lab for first-year students, Electrical and Electronics Workshop for wiring, PCB design and soldering, High Voltage Lab, Signals and Networks Lab, IoT Lab equipped with microcontrollers, sensors, communication modules and cloud integration, and a Project Lab for prototyping and testing. Recent upgrades such as real-time digital simulation units in Power Systems, a Renewable Energy Lab with solar PV trainers and inverters, and new equipment including DSOs, relay testing kits, high-voltage test rigs, and a power quality analyser.

Infrastructure and Facility Enhancement

The Department of Electrical and Electronics Engineering offers state-of-the-art infrastructure with well-equipped laboratories supporting academics and research. Facilities include labs for Electrical Machines, Circuits, Power Electronics, Measurements & Testing, Power Systems & Protection, High Voltage, and IoT. Advanced simulation tools like MATLAB and PSCAD are available, along with basic EEE and workshop labs for foundational skills. Dedicated spaces for signals and networks, as well as project development, ensure hands-on experience and innovation.

Student Projects & Research Outcomes

All 44 student projects resulted in indexed conference publications, reflecting strong research output. Among these, 9 projects achieved both patents and publications, highlighting a strong focus on innovation and intellectual property.

Department Best Practices

The department adopts best practices focused on holistic training to address socially and industrially relevant electrical engineering problems with ethical grounding. Key initiatives include industry gap-bridging skill-development courses, curriculum-integrated real-time projects, and remedial support for weaker students.

Co-Curricular Engagement, Professional Development, and Sustainable Practices

The department fosters co-curricular and professional growth through active IEEE and ISTE chapters, organizing talks, workshops, and design contests, along with strong faculty-

student research collaboration from UG to PhD leading to joint publications. Industry-linked value-add courses on solar installation, SCADA, and EV design enhance practical skills, while alumni engagement provides webinars and career mentoring. Inclusivity and sustainability initiatives include green campus efforts such as solar O&M, energy audits, and waste management. Learning support through remedial and enrichment courses, coupled with integrated placement readiness training in communication, aptitude, and technical skills, ensures holistic student development and employability.

NEP implementation

The NEP has been implemented for EEE students from the academic year 2022-23. Some of the futures and insights are being followed for our EEE students.

- Compulsory Courses for knowledge Development in domain area (CCKC)
- Skill Enhancement Courses.
- Organizing MOOCs courses and job oriented professional certification courses (Coursera, google and AWS certifications etc.)
- Further to improve the skill sets of the student's various skill development programs and student development activities were organized under IUCEE and APSSDC-SIEMENS.
- Activities in Various University Clubs like (Electro Affinity, Spikes, Rural Development Clubs.) and Circular and co-curricular activities under an Electrical Technical Association.
- Performing Community Service Projects.
- Field Visits in the college power generating units, power distribution system, smart kitchen and Idea lab, generating stations, High Voltage sub stations etc.
- Internship on various domain areas such as solar panels & applications, Embedded system, IOT, Electrical vehicles, Python certified by APSSDC, Electrical house wiring by APSSDC.

Students' Achievements

- A total of 44 projects were carried out, all of which resulted in indexed conference publications, demonstrating a strong commitment to research dissemination. Among these, 9 projects achieved both patents and publications, reflecting a significant emphasis on innovation and intellectual property creation. The remaining 35 projects have been successfully published in indexed conference proceedings, showcasing a diverse range of advancements in areas such as power electronics, renewable energy, electric vehicles, AI-based control systems, and smart grid technologies.

Events and activities organized during Academic Year 2024-2025

Reportable activities

The EEE Department has two Professional bodies, the Electrical Technical Association and three hobby clubs. Under these various activities and events were organized as follows.

IEEE Power and Energy Society SB Chapter

During the academic year, the Department of EEE at Mohan Babu University, in collaboration with the IEEE Power and Energy Society, organized a diverse range of field visits and outreach programs to enhance students' experiential learning. Faculty and students also explored interdisciplinary innovations at the Solid Wealth Processing Unit. Additionally, multiple awareness programs for pre-university students were conducted on topics such as innovation, IP rights, drone and EV technology, battery management, and more demonstrating the department's commitment to technical education beyond the classroom.



A glimpse of events organized

ISTE Student Chapter

The ISTE (Indian Society for Technical Education) student chapter is dedicated to improving technical education by setting quality standards and encouraging research and innovation in engineering and technology. It has a diverse membership of educators, students, and professionals. The chapter organizes conferences, workshops, and seminars to share knowledge and provides opportunities for professional development. The "Master Pieces and Melodies" event, conducted by the Indian Society for Technical Education (ISTE) student chapter at MBU, took place on November 6, 2024. This non-technical event invited 61 participants on a journey of intellect, teamwork, and excitement. The event comprised three rounds: "Doodling Fav's," where teams drew their favourite things; "Singing," where they sang popular Telugu songs with English lyrics; and "Dialogue in Multi-voice," where they performed a dialogue scene with creative voice modulation. The event was well-received, with participants praising the engaging rounds and creative tasks. Coordinators successfully managed the large crowd, ensuring the event ran smoothly and on schedule.



Glimpse of the event

Electrical Technical Association (ETA):

The Electrical Technical Association (ETA) is a department-level Student Technical Association. The association actively encourages students to seize opportunities for enhancing their technical knowledge, organizational abilities, interpersonal relationships, and communication skills. The Department of EEE organized diverse co-curricular and extracurricular activities under the Electrical Technical Association (ETA), including “ELECTRO NEXUS,” which engaged 41 second-year students in technical events. Creative competitions like Rangoli and Pencil Art fostered teamwork and artistic expression among EEE and CSE students. A technical workshop on “PM Surya Ghar Yojana” educated 50 students on solar energy, subsidies, and sustainability, encouraging clean energy adoption.



A glimpse of events organized

Student hobby Clubs

Spikes Club:

The Spikes Club at Mohan Babu University, under the Department of Electrical and Electronics Engineering, is a dynamic student-led initiative that promotes creativity,

communication, and critical thinking. Guided by the motto “*Igniting Intellect, Inspiring Expression*,” the club organized a total of 11 events during the academic year 2024–2025, blending technical knowledge with expressive skills to nurture well-rounded individuals.

Key events included Talent Treasurer (1st August 2024) with 54 participants, Witty Games (2nd August 2024) with 30 students, and Aptitude Quest (21st August 2024) engaging 35 students, all aimed at enhancing problem-solving and analytical skills. Cultural and knowledge-based sessions such as Geeta Gyan (28th August 2024) and Ganesh Fest (5th September 2024) enriched students’ understanding of traditions and philosophy. Fun-filled competitions like Dumb Charades (21st February 2024), Movie Mimics (24th September 2024), and Logo Legends (21st October 2024) promoted teamwork, creativity, and communication skills. Intellectual challenges continued with Brain Teasers (7th November 2024) and WORDLEE (24th December 2024), while the year concluded with Idea Storm (8th April 2025), a multi-disciplinary brainstorming event that fostered innovation and pitching skills. In total, these 11 diverse events engaged students across EEE, AIML, BBA, and BCA programs, reinforcing critical thinking, collaboration, and cultural appreciation, making Spikes Club a vital platform for holistic student development at Mohan Babu University.



Logo Legends event



Ganesh Fest event



Witty Games event



Aptitude Quest event

Electro Affinity Club:

The Electro Affinity Club, under the Department of Electrical and Electronics Engineering at Mohan Babu University, is a student-driven platform that fosters innovation, creativity, and technical excellence through a blend of technical and non-technical activities. During the academic year 2024–2025, the club organized 12 events, engaging students in diverse domains such as technical knowledge, creative expression, career guidance, and cultural enrichment.

Technical activities included the Technical Writing Competition on Clean Energy Awareness Drive (23rd April 2025) with 50 participants, aiming to promote renewable energy and sustainability. Two engaging Technical Quiz Competitions—Science Quest (28th Feb 2025) and Brain Power Battle: Decoding BEEE with AI & ML (7th Feb 2025)—tested students' analytical and domain knowledge. The Creative Writing Contest (6th Dec 2024) provided a platform for imaginative expression, while AI-Based Resume Building (10th Dec 2024) offered students valuable guidance on creating professional resumes, led by an expert from Central University of Florida.

Career-oriented sessions featured alumni and industry experts, including From Experience to Excellence: Career Tips (9th Jan 2025), a motivating alumni talk, and two GATE-focused awareness programs—A Comprehensive Guide to Career Success Through GATE for IV B.Tech students and Empowering Your Engineering Career: A Strategic Guide to GATE Preparation for II B.Tech students (12th Sept 2024). Another insightful alumni lecture on Cybersecurity in Power Systems (11th Nov 2024) highlighted the importance of securing modern power grids against cyber threats.

The club also hosted creative and cultural events such as Theme-based Singing Contest (10th March 2025), Melody Showdown (7th March 2025), and Charades with a Twist (11th Feb 2025), which promoted confidence, communication, and teamwork among participants. In total, these 12 events blended technical competency with soft skills development, career readiness, and cultural engagement, making the Electro Affinity Club a vital platform for holistic student growth and professional preparedness at Mohan Babu University.



Technical Quiz competition



A guest lecture on Building a successful career

Rural Development Club

The Rural Development Club at Mohan Babu University, functioning under the Department of Electrical and Electronics Engineering (EEE), is dedicated to driving social impact and inclusive growth by empowering rural communities through innovation and sustainability. The club bridges the gap between urban resources and rural needs, focusing on challenges such as education, healthcare, sanitation, sustainable farming, digital literacy, and energy awareness. During the academic year, the club organized several impactful initiatives. *Tiranga Utsav* (15.08.2024) in Bandarpalli village celebrated Independence Day with flag distribution, cultural discussions, and sweets sharing, fostering national pride. On 14.08.2024, *Patriotic Freedom Fest* at SVEC campus featured quizzes and speeches on freedom fighters to instill patriotism. *Hindi Diwas* (14.09.2024) in Kuchivaripalli promoted linguistic unity, while *Nourish to Flourish* on the same day educated villagers on healthy eating and nutrition.



Eco Rise – Plastic waste reduction program



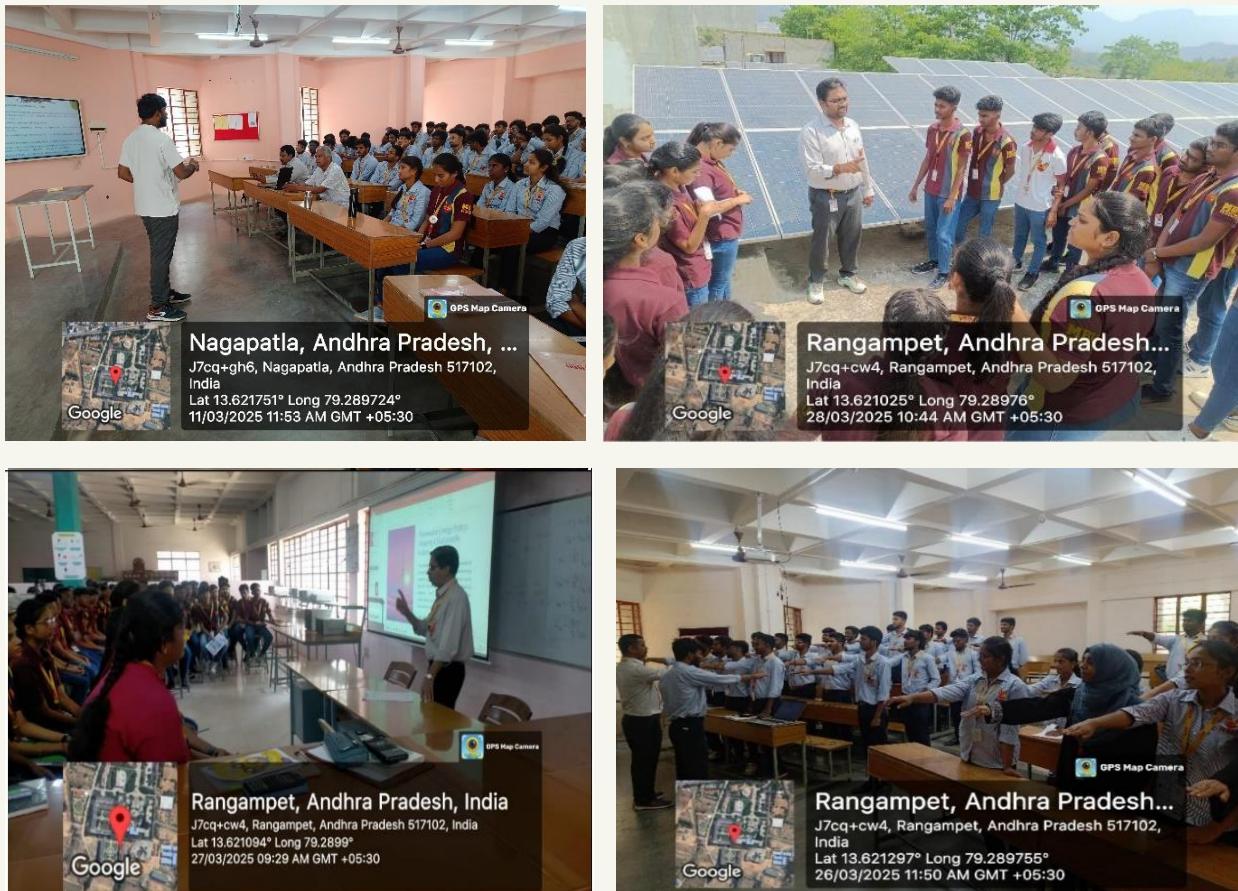
Social media awareness drive program

Cultural awareness was highlighted in *Tourism Tapestry* (26.09.2024), where students shared global travel experiences. A *Social Media Awareness Drive* (18.10.2024) in Bandarpalli educated villagers on safe digital practices, while *Grammar Gladiators* at MBU campus strengthened students' English proficiency. *Children's Day Celebrations* (14.11.2024) in Bandarlapalli brought joy to rural children, and *Organic Roots* on the same day promoted organic farming practices for sustainability. Other notable efforts include an *Electrical Hazards Awareness Drive* (10.11.2024) in Kuchivaripalli to improve household safety, a *Women Empowerment Workshop* (26.02.2025) covering digital and financial literacy, and an *Energy Conservation Seminar* (12.03.2025) aligned with SDGs to promote sustainability. Finally, *Eco Rise* (20.03.2025) in Narasingapuram educated villagers about plastic waste reduction and eco-friendly alternatives. Through these initiatives, the club reinforces its commitment to rural development, environmental sustainability, and social

responsibility, while providing EEE students with a platform to apply technical knowledge for real-world impact.

Sustainable Development Goals Events:

The Department of Electrical and Electronics Engineering at Mohan Babu University successfully organized 42 programs during the academic year 2024–25, focusing on Sustainable Development Goal 7 (Affordable and Clean Energy) and SDG 13 (Climate Action). These initiatives aimed to create awareness on renewable energy, energy conservation, climate sustainability, and green technologies among students and the community.



A glimpse of SDG activities conducted

The programs included seminars, workshops, field visits, technical competitions, and outreach activities. Key sessions covered topics such as Net Zero Carbon Approaches, Climate-Friendly Campus Energy Policies, Renewable Energy Policies, Electric Vehicle Awareness, Energy-Efficient Lighting Challenges, and Off-grid Energy Systems. Expert talks were delivered by officials from the Tirupati Municipal Corporation and faculty members from the department.

Practical exposure was given through solar panel installation visits, solar energy lab sessions, and a solar farm visit, strengthening students' hands-on understanding of clean energy systems. Competitions like Phasor Frenzy, Science Quest, essay writing, and debates on Smart Sustainable Cities encouraged critical thinking and innovation. Outreach initiatives, including the Eco Rise Plastic Waste Awareness Drive, promoted environmental responsibility in rural communities.

These events collectively engaged over 2,300 students from EEE and other disciplines, alongside community participants, reinforcing the department's commitment to energy sustainability, climate resilience, and SDG-oriented education.

Industrial visits:

The Department successfully organized six industrial visits during the academic year to enhance students' practical exposure and understanding of real-time applications in the field. These included visits to Meiden T&D (India) Ltd., the 33/11 KV APSPDCL Substation at A. Rangampet, the 132 KV A.P. TRANSCO Substation at Chandragiri, Sri Damodaram Sanjeevaiah Thermal Power Station (SDSTPS) at Krishnapatnam, and the Diesel Power Plant at Mohan Babu University. Additionally, students had the opportunity to visit the prestigious ISRO Research Center at Sriharikota. These visits provided invaluable insights into power generation, transmission, distribution, and cutting-edge research activities, bridging the gap between theoretical knowledge and industrial practice.

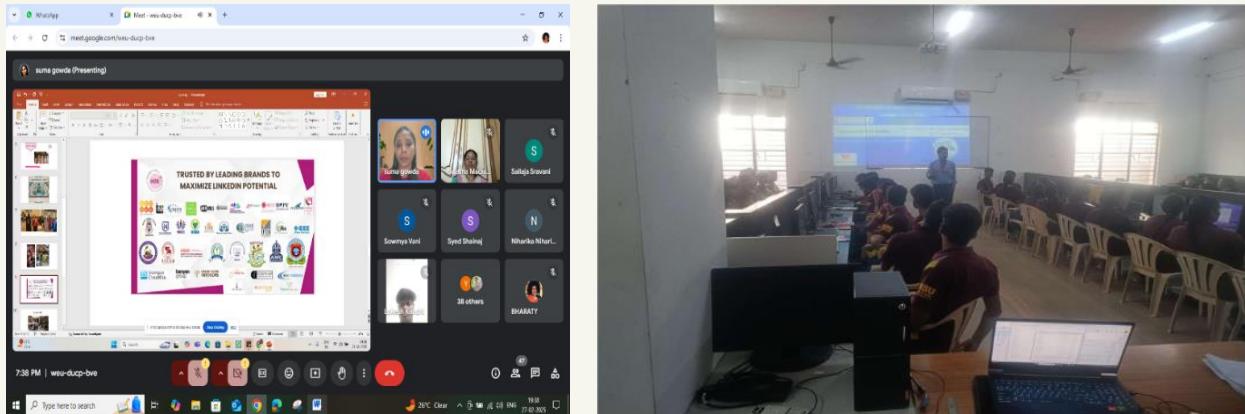


A glimpse of visits

Workshops\Expert Lectures\Seminars:

The Department of Electrical and Electronics Engineering at Mohan Babu University organized two hands-on workshops, three expert lectures, and three seminars during the academic year to enrich students' and faculty's academic and professional exposure. The workshops focused on advanced analog electronic circuit design and analog electronics-based application design, with active involvement from faculty members as resource persons. Expert lectures covered contemporary topics such as Artificial Intelligence in Electrical Engineering, recent trends in photovoltaic systems, and electric vehicles, drawing

participation from both students and faculty. Seminars conducted under the IEEE MBU Student Branch included sessions on the values of IEEE, professional development, and women entrepreneurship, featuring esteemed speakers and engaging large audiences.



A glimpse of seminar\workshops

International Conference Organized:

The 6th International Conference on Energy, Control, Computing, and Electronic Systems (ICECCES 2024) was organized by the Department of Electrical and Electronics Engineering, Mohan Babu University, Tirupati, in collaboration with the University of Pitesti, Romania, from 15th to 17th November 2024. Themed “Smart and Sustainable Energy Systems for a Digital Era”, the conference brought together researchers, academicians, and industry professionals to share innovations and address challenges in energy and electronic systems. A total of 240 papers were submitted, out of which 115 were accepted after a peer-review process. The selected papers were published in proceedings with ISBN: 978-93-341-4642-4, and quality papers were recommended for Scopus/WoS indexed journals. The event featured insightful sessions, expert talks, and a grand inaugural ceremony graced by distinguished guests including Dr. Rajgopal from BHEL R&D.



A glimpse of the event

Department of Electronics and Communication Engineering

Brief overview of department

The Department of Electronics and Communication Engineering (ECE) at Mohan Babu University (Erstwhile Sri Vidyanikethan Engineering College) is renowned for its legacy of excellence and innovation. Recognized as one of the oldest departments established in 1996, we take pride in offering comprehensive undergraduate and postgraduate programs tailored to meet the evolving demands of the industry. The Department of Electronics and Communication Engineering (ECE) is dedicated to fostering innovation, excellence, and technological advancement in the rapidly evolving fields of electronics, communication systems, and related technologies. With a mission to empower students with cutting-edge knowledge and skills, the department offers a dynamic academic environment that blends theoretical foundations with hands-on practical experience. Our state-of-the-art diverse laboratories namely Nano electronics lab, Microwave lab, Digital signal processing lab, Radio frequency lab, etc., industry-aligned curriculum, and expert faculty ensure that students are equipped to tackle real-world challenges in areas such as embedded systems, signal processing, wireless communication, VLSI design, and emerging technologies like IoT, 5G, and artificial intelligence. Committed to driving interdisciplinary research and societal impact, the Department of Electronics and Communication Engineering strives to shape future-ready engineers and innovators who will lead the global technological landscape.

In the academic year 2024-25, our department has achieved significant milestones, underscoring its commitment to academic excellence and innovation. We are honoured to announce that three of our distinguished faculty members have received prestigious PhD awards, recognizing their exceptional contributions to research and scholarship. The department has also welcomed 13 new PhD scholars, enriching our vibrant research community. Furthermore, we have introduced a new BTech branch, Electronics and Computer Engineering, expanding our academic offerings to meet emerging technological demands. Additionally, we have signed a Memorandum of Understanding (MoU) with NIELIT Tirupati, fostering strategic academic and technological collaborations. These achievements highlight our department's dedication to advancing knowledge and building impactful partnerships.

Vision

- To be a centre of excellence in the fields of Electronics, Communications and Instrumentation through teaching and research producing high quality engineering professionals and Entrepreneurs with values and ethics to meet local and global demands.

Mission

- Imparting knowledge through contemporary curriculum and striving for development of students with diverse background.
- Developing skills for enhancing employability of students through comprehensive training process.
- Inspiring students and faculty members for innovative research through constant interaction with research organizations and industry to meet societal needs.
- Inculcating ethics and values in students for effective engineering practice.

Program Details

Programs offered by the department during the year (2024-2025)

Programs	Sanctioned Intake	No. of Semesters & Program Duration	Credits
B. Tech.- Electronics and Communication Engineering	240	8 Semesters (4 Years)	160
B. Tech.- Electronics and Instrumentation Engineering	60		
M. Tech.- VLSI and Embedded System Design	18	4 Semesters (2 Years)	70
Ph.D. - Electronics and Communication Engineering	-	-	-

Teaching and Learning Activities

- The department implements strategies to equip students with diverse skills such as critical thinking, problem-solving, collaborative learning, and communication by integrating learner-centric methods into their daily campus activities. These techniques, including problem-based learning, project-based learning, peer learning, and peer mentoring, actively engage students, boosting their involvement in the learning process.
- Additionally, the use of ICT facilities is promoted for knowledge dissemination through video lectures, Swayam, NPTEL, and MOOC videos, providing students with high-quality resources to better grasp complex topics. Departments is also organizing industrial visits and internships at core industries relevant to their fields, offering students direct exposure, hands-on experience, and practical insights to deepen subject understanding.

- Traditional teaching methods are complemented by the use of 3-D working models and cut-section models, enabling visual learning of various mechanisms and concepts. Students are encouraged to undertake group projects and apply their acquired skills to address real-world industrial and societal challenges. The AICTE IDEA Lab on campus further supports this by providing access to advanced tools like 3D printers and additive manufacturing technologies.

NEP implementation

- Offering professional development programs in emerging technologies like AI, IoT, and Data Science, enabling students and professionals to upskill continuously in alignment with NEP's focus on lifelong learning.
- Promoting a culture of innovation by engaging faculty and students in cutting-edge research and projects, supported by the Idea Lab and faculty PhD achievements, to advance NEP's vision of research-driven academic excellence.
- Educating parents about the importance of balanced growth, encouraging student participation in academic pursuits and extracurricular activities to foster well-rounded development as emphasized by NEP 2020.

Summary on Departmental Activities and Events conducted in 2024-2025:

Conference:

The 2nd International Conference on Intelligent Electronics and Communication Devices (IECom-2025), held from March 12-14, 2025, at Mohan Babu University, Tirupati, was a pivotal event advancing research in intelligent electronics and communication technologies. Convened by Dr. N. Ashok Kumar and co-convened by Dr. P. Geetha, the conference featured keynote addresses by experts like Dr. Talabattula Srinivas (IISc, Bangalore) on quantum information technology, Dr. Santosh Kumar Vishvakarma (IIT, Indore) on VLSI and edge computing, Dr. K K Soundra Pandian (MeitY, Govt. of India) on AI in communication networks, and Prof. Cristian Ravariu (Technical University of Bucharest) on nanoelectronics and spintronics. The event, inaugurated by dignitaries including Dr. K. Karunakaran, Vice-Chancellor, MBU, included technical sessions, networking, and the release of proceedings (ISBN: 978-93-341-8736-6). IECom-2025 fostered innovation, collaboration, and knowledge exchange, reinforcing MBU's commitment to cutting-edge research.



Dr. K. Karunakaran, Honourable Vice-Chancellor of MBU addressing the gathering



Dr. Santosh Kumar Vishvakarma, SMIEEE, Professor, IIT, Indore addressing the gathering



Dignitaries on Dias



Dr. Talabattula Srinivas, Professor, IISc, Bangalore

Industrial visits

The Department of Electronics and Communication Engineering at Mohan Babu University organized multiple industrial visits during February and March 2025 to enhance students' practical understanding and industry readiness. On February 24, students visited Indus Coffee Pvt. Ltd. in Sullurpetta, where they explored the complete coffee processing cycle—from cherry harvesting to quality grading, roasting, and export packaging—gaining valuable insights into agro-industrial operations. On March 1, a visit to Blue Star Climatech Limited's air conditioner manufacturing unit in Sri City exposed students to automation, robotics, energy-efficient HVAC systems, and sustainable manufacturing aligned with SDGs. Later, on March 21, students visited the National Atmospheric Research Laboratory (NARL) in Gadanki, where they explored advanced atmospheric research facilities like MST Radar, Doppler Radar, and LIDAR systems. These visits bridged theoretical knowledge with real-world applications, deepened technical competencies, and inspired students to explore careers in diverse domains such as automation, environmental science, and process engineering.



A visit to Blue Star Climatech Limited, Sri City, Tirupati



A visit to NARL, Gadanki

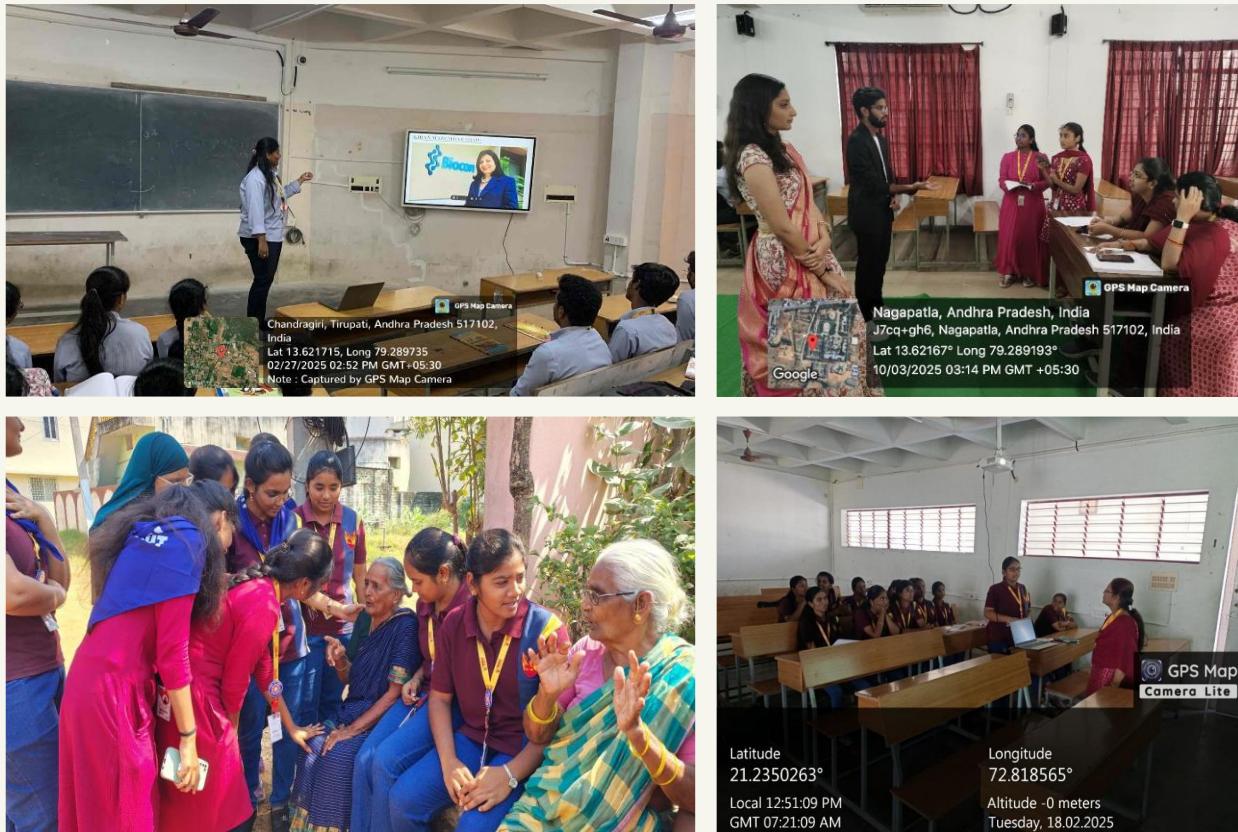


A visit to Indus Coffee Pvt Ltd

Activities Undertaken to Advance SDG 5: Gender Equality

The Department of Electronics and Communication Engineering has conducted a series of impactful events promoting Sustainable Development Goal 5: Gender Equality, alongside related SDGs such as 3 (Good Health and Well-being), 4 (Quality Education), 8 (Decent Work), and 10 (Reduced Inequalities). These initiatives included workshops on public speaking, leadership, mental health, women's rights, entrepreneurship, and self-care, as well as discussions on gender-based discrimination, social media impact, and challenges in higher education. Students engaged with women leaders, developed mentorship programs, created role model databases, and participated in awareness

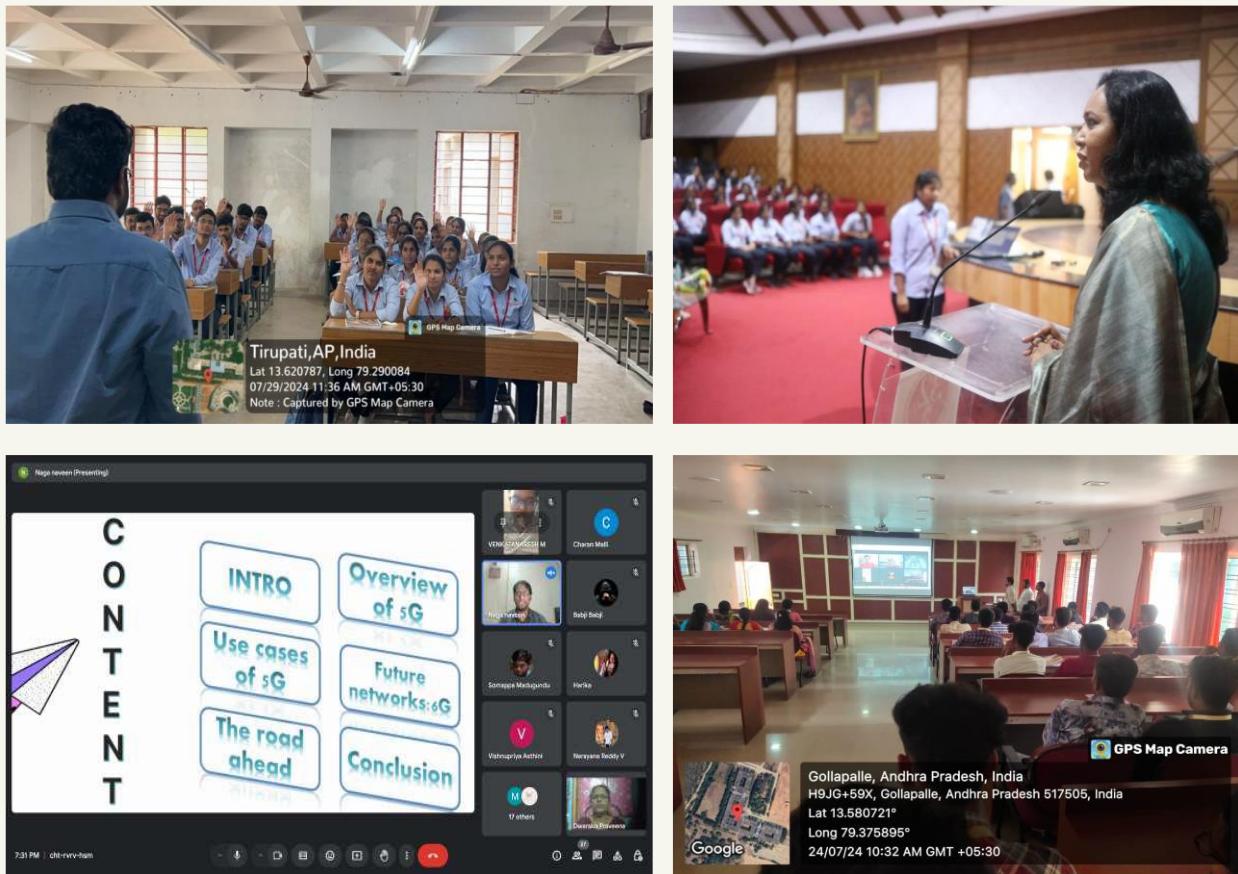
campaigns and health fairs. Collectively, these efforts empowered women, fostered inclusivity, and cultivated critical skills for academic, professional, and personal growth, reinforcing the university's commitment to equity and holistic development.



A glimpse of activities

Seminars/ Guest lectures

The Department of Electronics and Communication Engineering at Mohan Babu University (Erstwhile Sri Vidyanikethan Engineering College), Tirupati, organized a series of impactful expert lectures and guest talks throughout 2024–2025, aiming to bridge academic learning with industry trends. Topics spanned VLSI design, embedded systems, digital logic, 5G networks, generative AI, semiconductor careers, and innovations in agriculture and EV infrastructure. Eminent industry professionals and academic experts guided students on cutting-edge technologies like AI, blockchain, cybersecurity, IoT, FPGA, Verilog HDL, and sustainable solutions, while also offering career guidance, internship insights, and soft skills development. These interactive sessions enriched students' technical knowledge, sparked innovation, and prepared them for global opportunities across IT, semiconductor, telecom, and research sectors, fostering a robust industry-academia ecosystem.



A glimpse of activities conducted

SCHOOL OF COMMERCE AND MANAGEMENT

Brief overview of department

The School of Commerce and Management was established in 2007 with the launch of its MBA program, approved by AICTE and affiliated with Sri Venkateswara University, Tirupati. With a current intake of 180 students, the school has successfully produced 12 batches of management graduates. The academic approach integrates a variety of pedagogical methods including case studies, role plays, group exercises, management games, seminars, industrial visits, and expert lectures by distinguished professionals from academia and industry. The institution also focuses on holistic student development by offering training in communication, language skills, and personality development to enhance employability.

The institute is equipped with a well-resourced library featuring extensive print and digital resources, including access to a range of e-journals. From the inception, the department organized eight guest lectures, 14 webinars, and 12 workshops, offering students exposure to current trends and expert insights in management and computer sciences. Faculty members are actively involved in research, having published numerous

papers in peer-reviewed national and international journals and presented at various academic conferences and seminars, contributing significantly to the academic community.

With a strong commitment to academic excellence, the School of Commerce and Management aims to shape future business leaders through a curriculum that blends theoretical knowledge with practical insights. The institution offers specialization in key areas such as finance, marketing, and entrepreneurship, supported by an experienced faculty and a tech-enabled campus environment. By fostering critical thinking, ethical decision-making, and problem-solving abilities, and by strengthening academia-industry collaborations, the school ensures students are well-prepared to meet the challenges of the global business landscape.

Vision

- To be the preferred choice for commerce and management education recognized for excellence, innovation, entrepreneurship, and social consciousness.

Mission

- Impart relevant knowledge of commerce and management, a broad set of skills, and inquisitive attitudes to provide appropriate and distinctive solutions to serve industry and community.
- Design and deliver industry-relevant curricula in commerce and management that integrates theoretical knowledge with practical applications.
- Equip students with a broad spectrum of technical, analytical, and interpersonal skills essential for success in the dynamic business environment.
- Foster a spirit of inquiry and innovation through research-led teaching, encouraging critical thinking and problem-solving.
- Establish strong industry-academia linkages to ensure real-world exposure, internships, and collaborative learning opportunities.
- Promote socially responsible behavior by involving students in community development and sustainability initiatives.
- Inculcate values of lifelong learning, ethical conduct, and leadership to nurture competent and responsible professionals.

Program Details

Programs offered by the department during the year (2024-2025)

Program Name	Specialisation	Number of Semesters and Years of Study	Credits required
B.Com	Computer Applications	6 Semester (3 Years)	120
BBA	General	6 Semester (3 Years)	120
MBA	Dual	4 Semesters (2 Years)	102

Program Name	Specialisation	Number of Semesters and Years of Study	Credits required
MBA	Business Analytics	4 Semesters (2 Years)	102
PhD	Management	-	14
PhD	Commerce	-	14
Student Strength (AY 2024-25)			
Department	PG	UG	Grand Total
Management	153	88	241
Commerce		61	61
Grand Total	153	149	302
Program -wise list (Management)			
Programme	PG	UG	Grand Total
BBA		88	88
MBA (Dual Specialization)	153		153
Grand Total	153	88	241
Program-wise list (Commerce)			
Programme	PG	UG	Grand Total
B.Com ()	Computer Applications	61	61
Grand Total		61	61

Teaching and Learning Activities

The Department of Commerce and Management actively promotes innovative teaching and learning practices across its undergraduate (B. Com, BBA) and postgraduate (MBA) programs. With the support of the Teaching Learning Centre (TLC), faculty members are empowered to create intellectually stimulating and engaging classroom environments. These efforts are aimed at nurturing students in challenging academic settings and encouraging them to think critically and act innovatively. Faculty adopt modern pedagogical approaches such as flipped classrooms, project-based learning, mind-mapping, real-world case studies, group discussions, and interactive projects. Across all courses, experiential learning is strongly emphasized, encouraging students to apply theoretical concepts to real-world scenarios through practical assignments and industry-related projects.

NEP implementation

In alignment with the National Education Policy (NEP), the department has fully integrated its curriculum with the NEP framework across all its programs B. Com, BBA, and MBA. A Fully Flexible Choice-Based Credit System (CBCS) has been implemented, allowing students the freedom to tailor their academic journey according to their career aspirations.

Undergraduate programs offer skill-based courses, practical learning modules, and internship opportunities to foster industry readiness. The MBA program is designed to be highly application-oriented and industry-focused, incorporating compulsory internships and capstone projects to bridge the gap between classroom learning and real-world corporate challenges. This comprehensive approach ensures that students across UG and PG programs gain relevant skills, hands-on experience, and holistic development aligned with modern educational and professional standards.

Summary on Departmental Activities in Academic Year 2024-2025

Placements Overview (Academic Year 2025-26)

During the academic year 2024-25, the School of Commerce and Management witnessed a moderate placement performance for the MBA program. Out of 145 total students, 136 registered for placements, and 83 students secured job offers, resulting in a placement percentage of 61%. While this reflects a fair level of industry engagement.

Salary Trends

The salary statistics for the MBA program indicate a steady and competitive compensation structure. The average salary stood at ₹3.15 LPA, the median salary was ₹2.9 LPA, and the highest package recorded was ₹6.3 LPA. These figures are reflective of stable placement trends and align closely with alumni salary benchmarks. The proximity of the average and median salaries suggests a balanced distribution of offers, with most students securing entry-level positions in the range of ₹2.5–3.5 LPA.

Alumni Achievements

Our alumni continue to demonstrate strong career progress, with salary patterns that are consistent with the current graduating batch. Estimated figures show a maximum salary of ₹6.0 LPA, an average salary of ₹3.15 LPA, and a median salary of ₹2.9 LPA. These statistics reaffirm the quality and relevance of our academic programs in preparing students for competitive job markets.

1. Journal Publications (A.Y. 2024-2025): 14
2. Conference Publications (A.Y. 2024-2025): 11
3. Patents Published (A.Y. 2024-2025): 04
4. Book Chapters (A.Y. 2024-2025): 01
5. Seminars/Talks/Events (A.Y. 2024-2025): 26
6. Certifications (A.Y. 2024-2025): 15
7. Student Participation and Prize win (A.Y. 2024-2025): 02
8. Seminars/Talks/Events (A.Y. 2024-2025): 22

Summer Internships (Academic Year 2024–25)

Summer internships played a vital role in enhancing students' practical learning experiences across programs. A total of 44 internships were facilitated across MBA (10), BBA (9), and B. Com (25) streams. B. Com students had the highest number of internships, indicating active participation and growing interest in corporate exposure among undergraduate students. The internships were hosted by reputed organizations such as Teachnook, Corizo, QUESST, and Skill Forge, offering roles across Marketing, HR, and Finance. These industry collaborations not only provided students with valuable experiential learning but also strengthened academic-industry engagement.

Seminars/Talks/Events

Workshop:

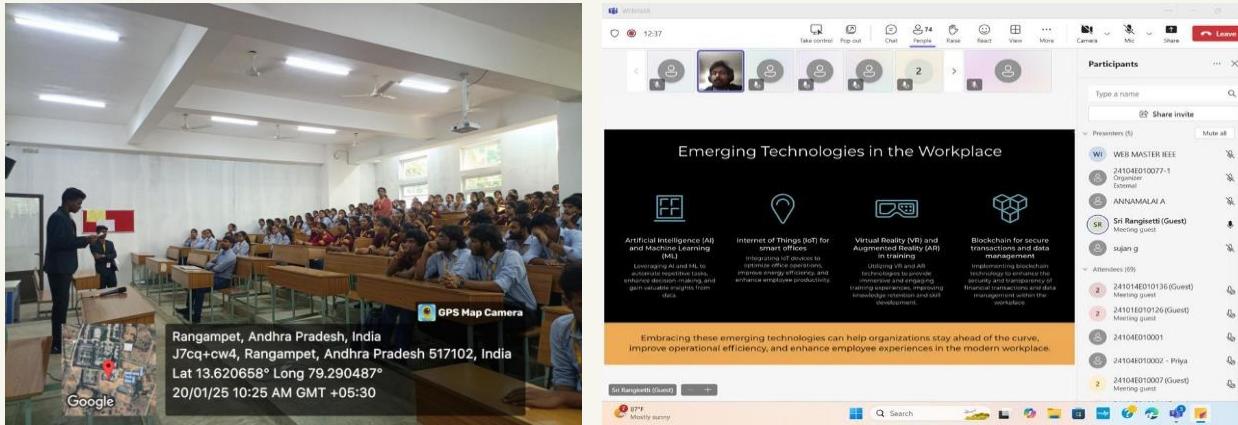
The School of Commerce and Management organized two workshops on "Emerging Trends in Technology Management and Innovative Practices" and also on "Intellectual Property Rights (IPR)" delivered by Dr. Jaya Bharatha Reddy, an eminent academician from NIT Tiruchirappalli.



A glimpse of workshops

Webinars:

The School of Commerce and Management conducted two insightful webinars on Emerging Trends in Technology Management and Innovative Practices, delivered by Dr. Bhargav Appasani, who holds extensive research and teaching experience in electronics engineering and Dr. Atul Bhargava, a seasoned consultant with multinational corporate experience. Additionally, hosted a session on "Cyber Security for Managers: Balancing Technology and Risk", conducted by Dr. Yelam Srinivasulu, Senior Software Engineer at Walmart Global Tech.



A glimpse of webinars

Student Development Programs:

The School of Commerce and Management organized five impactful student development programs (SDPs), including “Design Thinking” by Mr. Arrenius Karunakaran from Chicago, USA; UDVIKAS-24: Empowering Tomorrow, featuring professors from VIT and KL Universities; Antah Prerna: A Platform for Inspiration, delivered by Prof. C. Krishna Etika, Mrs. Imandi Aparna Devi, and Ms. Vandana Sharma; Blockchain and Beyond: Managing Technology Transformation in Enterprises; and a session by Dr. Santosh Kumar Vishvakarma, Professor, Department of Electrical Engineering, IIT Indore, concluding with an enriching “Social Lens Activity.”

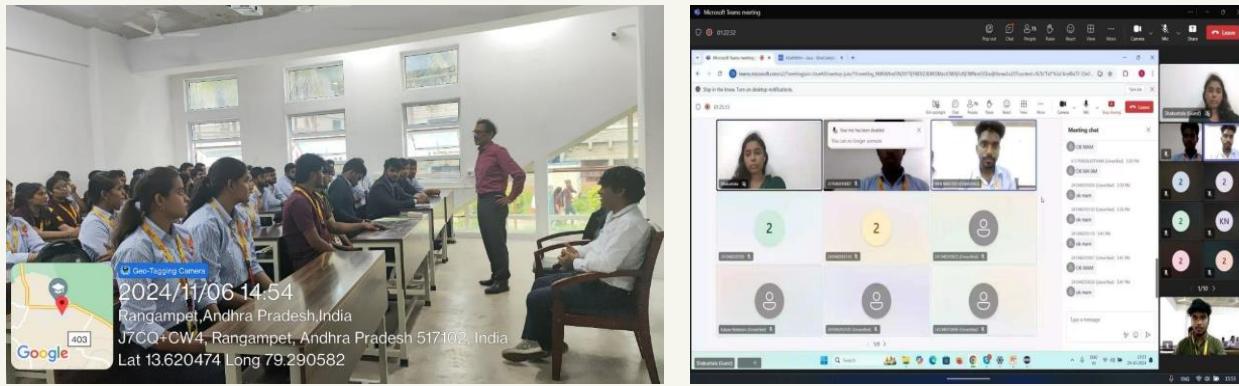


A glimpse of SDPs

Expert Lectures:

The School of Commerce and Management conducted three impactful expert lectures for MBA students under the theme “Developing Future Business and Technology Leaders.” The sessions included insights from Dr. Prof. Krishna C. Etika (BITS Pilani), who discussed AI-powered smart grids and the “Pan India Lights Off” case; Ms. Shakuntala (Accenture, Gurgaon), who focused on Java fundamentals to enhance logical thinking; and Ms. Vandana Sharma (Accenture, Gurgaon), who addressed leadership, motivation, communication, strategic thinking, and self-awareness—linking these competencies to SDGs such as quality education, decent work, innovation, and partnerships. Further sessions featured Prof. Rudra Prakash Pradhan (IIT Kharagpur) and Mr. Chandranath Batla

(Cognizant, Chennai), who explored the strategic advantages of sustainability in business. Additionally, Dr. K. S. Giridharan (NITTTR, Chennai) elaborated on key government initiatives like Startup India, Atal Innovation Mission, MHRD Innovation Cell, and NISP, emphasizing their contributions to funding, incubation, mentorship, and promotion of women entrepreneurship in alignment with SDGs such as no poverty, gender equality, and industry innovation.



A glimpse of expert lectures

Faculty Development Program:

The School of Commerce and Management organized a Faculty Development Program (FDP) on “Instructional Design and Delivery System delivered by Dr. K.S. Giridharan, Professor, Department of Education, National Institute of Technical Teachers Training and Research (NITTTR), Chennai, Tamil Nadu, India.



A glimpse of FDP

Student Event:

The School of Commerce and Management organized an event on “BIZ BUZZ – B QUIZZ on Emerging Trends in Technology Management and Innovative Practices for MBA Students.



A glimpse of the event

SCHOOL OF PHARMACEUTICAL SCIENCE

Brief overview of School

MB School of Pharmaceutical Sciences, formerly known as Sree Vidyanikethan College of Pharmacy, located in Tirupati, stands as a distinguished institution for pharmaceutical education and research within the country. Established in 2004 and initially affiliated with JNTU, it was later brought under the umbrella of MB University in 2022.

Offering a comprehensive range of programs, including B.Pharm, PharmD, PharmD (Post Baccalaureate), M.Pharm (Pharmaceutics, Pharmaceutical Analysis), MB School of Pharmaceutical Sciences provides excellent opportunities for aspiring pharmacists in both pharmaceutical industries and healthcare multinational corporations in India. Recognized as one of the leading institutions in the country, the school offers an outstanding curriculum designed to equip students with professional capabilities, enabling them to achieve excellence in the evolving healthcare system.

In the 21st century, pharmacists play a crucial role in managing drug therapy, counseling patients on proper medication use, and monitoring drug therapy outcomes. The new Pharm.D program at MB School of Pharmaceutical Sciences is specifically tailored to prepare students for these responsibilities.

Vision

- To be a global leader in the field of Pharmaceutical Education and Health Care Management by providing Quality Education, Training, Research and Entrepreneurial Ecosystem.

Mission

- Developing competencies and skills to solve problems in the field of Pharmaceutical Sciences through contemporary Curriculum and congenial learning environment.
- Imbibing ethics and values in students for effective pharmaceutical practice through curricular, co-curricular and extra-curricular activities.
- Encourage faculty and staff to excel in their respective fields and demonstrate the best of their abilities by way of continuing education, research and consultancy.

Significant milestones

- MOUs from the companies Glory Pharma, Avenida Innovations, V-HUB Innovation Centre, Malladi Drugs Pvt Ltd, Green fields recycle Pvt Ltd, Thought worth healthcare Pvt Ltd, Divis Laboratories Ltd, Radiant Pharma and Omega Health Care.

Teaching and Learning Activities

Experiments/models used:

Micromedex: It is a comprehensive database providing full-text, unbiased information on drugs, toxicology, diseases, acute care, and alternative medicine. It includes the Micromedex® Patient Connect Suite, which offers evidence-based patient education and health engagement resources. Effective patient education leads to better outcomes, as informed patients are more engaged and satisfied with their healthcare.

The Ex-Pharm software: It is used in B Pharmacy and Pharm D programs, simulates pharmacology experiments on animals, aligning with PCI guidelines to use computer-assisted modules. This helps students understand and recall drug actions effectively without using live animals.

New Tools used:

Docking Software: It refers to computational tools used in structure-based drug discovery. It predicts how small molecules (ligands) interact with a protein target. By simulating ligand binding, it helps identify potential drug candidates. Techniques include rigid receptor docking and induced fit docking, which account for protein flexibility.

GraphPad Prism: It is a powerful software tool designed for scientific research. It combines biostatistics, curve fitting (nonlinear regression), and scientific graphing in one comprehensive program.

ChemDraw: It is a software widely used in pharmacy for drawing chemical structures, reactions, and biological pathways. It facilitates the creation of professional-quality chemical diagrams, aiding in research, education, and

communication within the pharmaceutical industry. Its tools enhance accuracy and efficiency in drug development and molecular analysis.

Events organized during Academic Year 2024-2025

- Five outstanding pharmaceutical patents were published by Dr. S. Varalaxmi, Associate Professor, Department of Pharmaceutics in the area of nanotechnology applications towards cancer targeting and has been awarded with highest patent ward.
- Faculty members of MB School of Pharmaceutical Sciences actively participated in various Faculty Development Programmes (FDPs) in December 2024. Ms. M. Keerthi and S. Mubeena attended a week-long FDP on “Instructional Design and Delivery System” at MBU. B. Aswani took part in two FDPs on pharmaceutical education and clinical pharmacy from 16th to 21st December. Additionally, Dr. V. Shanmugam contributed as a resource person, delivering a lecture on collagen scaffolds in an FDP organized by Sri Venkateswara College of Pharmacy.

Industrial Visit:

MB School of Pharmaceutical Sciences organized One day Industrial visit at Malladi Drugs and Pharmaceutical Ltd (MDPL), Gajulamandyam on 16th Nov 2024.

Conference organized:

- The “National Conference on Innovative Research in Pharmaceutical Sciences, Biosciences, and Medical Sciences (IRPBMS-2024)” was successfully held from 13th to 15th June 2024, at Dasari Auditorium, Mohan Babu University. The event was presided over by Dr. Mallikarjuna B.P., Dean, MB School of Pharmaceutical Sciences, Renowned experts, including Dr. Srinivas Nanduri (NIPER-Hyderabad), Dr. William Carey Mamidipalli (AP Pharmacy Council), Dr. Kalyan Akula Chakravarthy (Dr. Reddy’s Laboratories), and Dr. Praveen R (Biocon Biologicals Ltd.), graced the occasion as Guests of Honor.



A glimpse of the program

IIC Activities:

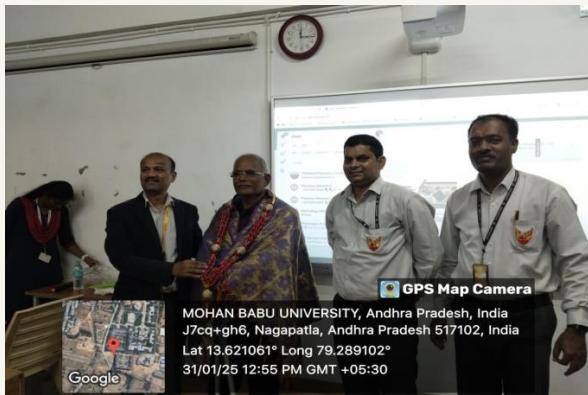
MB School of Pharmaceutical Sciences organized several expert sessions and workshops to prevent and control of cancer, diabetes, cardiovascular diseases, tuberculosis and enhance students' and faculty knowledge in emerging pharmaceutical domains. A session on “Recent Innovations in Pharmaceutical Analytical Techniques” was delivered by Dr. Nagaraj on 6th September 2024. Workshops on “SAS Programming for Pharmaceutical and Healthcare Data Analysis” and “Design Thinking, Critical Thinking, and Innovation Design” were conducted on 1st October 2024 and 31st January 2025, respectively. Additionally, Mr. Vamshi Krishna Baline from TCS led a session on “Achieving Problem-Solution Fit & Product-Market Fit” on 11th February 2025, and a guest lecture on “Innovations in In-vivo Studies for Drug Discovery” was delivered by Dr. Raghava Sriramaneni on 17th February 2025.



A session on “Recent Innovations in pharmaceutical analytical techniques”



A workshop on “SAS programming for pharmaceutical, clinical and healthcare data analysis”



A workshop on “Design thinking, critical thinking and Innovation design”



A Guest lecture on “Innovations in Invivo studies for drug discovery and development programs”

Awareness programs:

MB School of Pharmaceutical Sciences organized various public Awareness programs that include prevention and control of cancer, diabetes, cardiovascular diseases and tuberculosis the list includes:

- Awareness program on “World Health Coverage Day 2024” was organized by Nutrition and Diabetic Club, MB School of Pharmaceutical Sciences on 18th Dec 2024.



A glimpse of the activity

Co- Curricular activities:

MB School of Pharmaceutical Sciences actively organized and celebrated a series of academic and health awareness events during 2024–2025. Highlights included poster presentations on World Tuberculosis Day and Diabetes Mellitus, as well as the vibrant celebration of World Pharmacist Day from 25th to 30th September 2024. National Pharmacy Week was commemorated with competitions like essay writing, quizzes, and elocution from 17th to 23rd November 2024. The institution also hosted a hands-on IR spectroscopy workshop in collaboration with Agilent Technologies and a webinar on Computer-Aided Drug Design with BIOVIA Discovery Studio. Various health awareness days such as World AIDS Day, World Cancer Day, World Heart Day, World Leprosy Day, and International Girl Child Day were also observed, alongside cultural events like Sankranthi Sambaralu and International Day of Education.



National Pharmacy Week celebration



World Malaria Day



World AIDS Day



Girl Child Day celebration



Sankranthi Sambaralu celebration



World Cancer Day

Club Activities:

- 4th National Pharmacovigilance Week Celebrations 2024 was organized by Department of Pharmacy Practice in Association with Pharma Club, from 17th to 23rd Sep 2024.
- MB School of Pharmaceutical Sciences, Nutrition and Diabetics Club in Association with Sree Vidyanikethan College of Nursing has organized World Heart Day – 2024 on 30th Sep 2024.

- MB School of Pharmaceutical Sciences, Cosmetic Club, in Association with Department of Pharmacognosy conducted Quiz competition on World Arthritis Day – 2024, theme: Informed Choices, Better Outcomes, on 14th Oct 2024.
- MB School of Pharmaceutical Sciences, Nutrition and Diabetics Club conducted awareness program on diabetes on the event of “World Diabetic Day” on 14th Nov 2024.
- The School of Pharmaceutical Sciences at MBU organized a program on the occasion of the International Day of Education on November 24, 2025, from 11:00 PM to 12:30 PM. The event, themed *“To Invest in People, Prioritize Education,”* was conducted under the Nutrition and Dietetics Club.

Overall, MB School of Pharmaceutical Sciences had a successful year, making significant strides in academics, research, sports, industry collaborations, and community engagement.

The Training and Placement (T&P) cell of the college played a crucial role in facilitating internships for all students and organizing more than eight industrial visits. These experiences provided students with practical exposure to the pharmaceutical industry and helped bridge the gap between academia and the professional world.



A glimpse of the program

In summary, MB School of Pharmaceutical Sciences had an exceptional year, marked by significant achievements in academics, research, sports, industry collaborations, and community engagement. The college's commitment to excellence and holistic education is evident in its rankings, student achievements, faculty contributions, industry partnerships, and active campus life.

SCHOOL OF PARAMEDICAL, ALLIED AND HEALTH CARE SCIENCE

Brief overview of School

The School of Paramedical, Allied, and Health Care Sciences offers 14 undergraduate and 8 Postgraduate courses under various streams. Each of the programs is carefully designed to meet the needs of the ever-evolving paramedical field as well as the education standards benchmarked by the central council

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 tomorrow's paramedical and allied health sciences 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 the faculty and staff to excel in their respective domains of expertise and demonstrate the best of their abilities by continuing education, providing research support, and consultancy.

Program Details

Programs offered by the department during the year (2024-2025)

Programs	Sanctioned Intake	No. of Semesters & Program Duration	Credits
B.Sc. - Anesthesia and Operation Theatre Technology	60	8 Semesters	216
B.Sc. - Cardiovascular Technology	60	(4 Years)	209
B.Sc. - Dialysis Technology	60		191

B.Sc. - Emergency Medicine and Critical Care Technology	60	212
B.Sc. - Respiratory Therapy	60	192
B.Sc. - Medical Lab Technology	60	209
B.Sc. - Optometry	60	181
B.Sc. - Radiology and Imaging Technology	60	204
		9 Semesters
B.P.T. - Bachelor of Physiotherapy	60	(4 Years & 6 Months) 216
M.P.T. - Masters of Physiotherapy - Neurology	15	
M.P.T. - Masters of Physiotherapy - Cardio Pulmonary	15	4 Semester (2 Years) 100
M.P.T. - Masters of Physiotherapy - Sports	15	
M.P.T. - Masters of Physiotherapy - Orthopedics	15	

Teaching and Learning Activities

Lectures and Seminars

Interactive Lectures: Incorporate multimedia presentations, real-life case studies, and active student participation.

Guest Lectures: Invite experienced healthcare professionals to provide insights into the latest trends and practices in the industry.

Laboratory Sessions

Hands-on Experiments: Conduct experiments and practical exercises in well-equipped labs to reinforce theoretical knowledge.

Simulated Labs: Use virtual labs and simulation software for procedures that are difficult to demonstrate in a traditional lab setting.

Clinical Training and Internships

Clinical Training: Provide students with real-world experience in hospitals, clinics, and other healthcare settings.

Internships: Arrange internships with healthcare institutions for in-depth exposure and practical experience.

Problem-Based Learning (PBL)

Case Studies: Present complex medical cases for students to solve; promoting critical thinking and application of knowledge.

Group Discussions: Encourage collaborative problem-solving and peer learning.

Workshops and Skill Development Sessions

Skills Workshops: Conduct workshops on specific skills such as phlebotomy, wound care, or radiographic positioning.

Continuous Skill Assessment: Regularly assess and provide feedback on students' practical skills.

Self-Directed Learning

Research Projects: Assign research projects on relevant topics; encourage independent learning and critical analysis.

Online Courses: Encourage students to take up MOOCs and online courses for additional learning.

Simulation-Based Training

Virtual Simulations: Use simulation software to mimic clinical scenarios, allowing students to practice without risk to real patients.

Mannequin-Based Training: Utilize advanced mannequins for hands-on practice in a controlled environment.

Peer Learning and Group Activities

Study Groups: Form study groups for collaborative learning and peer support.

Group Presentations: Assign group projects and presentations to develop teamwork and communication skills.

Clinical Case Discussions

Case Review Sessions: Regularly review and discuss clinical cases, focusing on diagnosis, treatment plans, and outcomes.

Interdisciplinary Meetings: Participate in interdisciplinary meetings to understand the collaborative nature of healthcare.

NEP implementation

Curriculum and Pedagogy:

Holistic Education: Incorporating a multidisciplinary approach, allowing students to gain a broader understanding beyond their core paramedical subjects.

Skill Development: Greater emphasis on practical and clinical skill development alongside theoretical knowledge.

Updated Curriculum: Regular updates to the curriculum to include the latest advancements in medical technology and practices.

Flexibility and Multidisciplinary Approach:

Choice-Based Credit System (CBCS): Allowing students to choose courses across different disciplines, promoting a well-rounded education.

Multiple Entry and Exit Points: Introducing multiple entry and exit points with appropriate certification at each level, enabling students to enter and leave the education system at various stages.

Inclusivity and Accessibility:

Equal Opportunities: Ensuring equal access to paramedical education for all sections of society, including marginalized and economically disadvantaged groups.

Support Systems: Implementing support systems such as scholarships, mentorship programs, and career counseling.

Events organized during Academic Year 2024-2025

Awareness Programs:

The School of Paramedical, Allied and Health Care Sciences (SoPAHCS) at Mohan Babu University conducted numerous awareness initiatives to promote public health and well-being. Highlights include campaigns on heart attack symptoms and first aid, cervical cancer, COPD, AIDS, diabetes, and vaccination awareness in Kotala and Kottala villages. Programs on stress management, sanitation, hand sanitization, heatstroke prevention, and a community cleanup drive were also conducted. Additionally, events like the Healthy Cooking Competition (Theme: No Oil & No Boiling), nutrition awareness seminars, and the "Vision for Wellness – Comprehensive Eye Screening Drive 2025" contributed to the university's community health engagement.



An awareness program on Heart Attack



An awareness program on Physiotherapy



An awareness program on Cervical Cancer



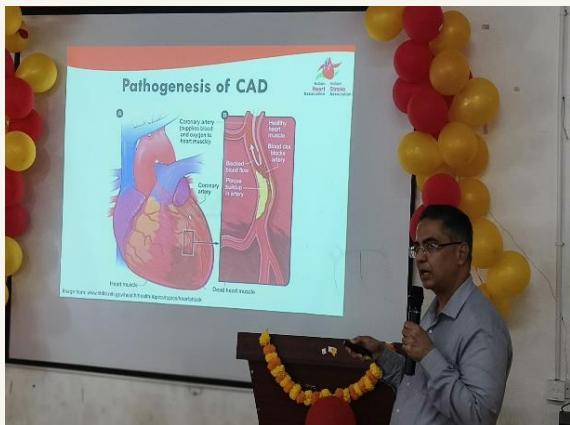
An awareness program for Vaccination

Kotala, Andhra Pradesh, India
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Lat 13.607651° Long 79.28347°

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Seminars, Workshops & Guest Lectures:

The School of Paramedical, Allied and Health Care Sciences (SoPAHCS) actively organized a series of academic events including seminars and workshops focusing on advanced medical and health technologies. Notable sessions included topics like SAS programming, innovations in implantable cardiac electric devices, dialysis technology, emergency pre-hospital care services, and alternative medicine. Guest lectures addressed rising heart attacks in youth and innovations in in-vivo drug discovery. EMBS collaborated for seminars on medical lab innovations and Human Metapneumovirus awareness. Career guidance webinars were held for cardiovascular technology students, and sessions on critical thinking, design thinking, and cardiac device advancements further enhanced student knowledge.



A Guest lecture on "Why Heart Attacks Are Rising Among Young People"



A webinar on "Recent Advances in Implantable Cardiac Electric Devices"



A workshop on "Emergency Pre -Hospital Care Services"



A seminar on "Recent Advancements in Dialysis Technology"

Day Celebrations:

The School of Paramedical, Allied and Health Care Sciences enthusiastically celebrated important health observances such as World Physiotherapy Day, World Diabetes Day, World AIDS Day, World COPD Day, and World Hand Hygiene Day, organizing activities like rallies, awareness drives, and workshops. Events like the Physiotherapy Awareness Program 2024 and the SDG-oriented seminar on "Radiation and Its Hazards" emphasized the role of paramedical sciences in preventive healthcare. These celebrations aimed to foster awareness, promote healthy practices, and underscore the vital contribution of healthcare professionals in building a healthier society.



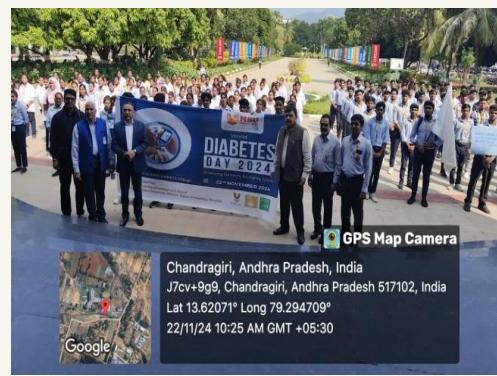
World AIDS Day Campaign



Hand Sanitization Day



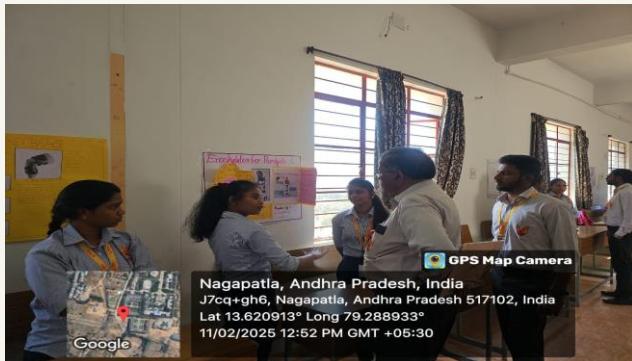
World COPD Day



World Diabetes Day

Student Engagement and Wellness Activities:

To foster holistic development, the School of Paramedical, Allied and Health Care Sciences at Mohan Babu University organized a range of engaging student-centered activities. A poster presentation on “Innovative Equipment for Empowering Disabilities” encouraged creativity and interdisciplinary collaboration among students from Pharmacy, Engineering, Nursing, Paramedical, and Agriculture. The Healthy Cooking Competition, themed “No Oil & No Boiling,” promoted nutritious eating habits through hands-on participation. Additionally, a Free Gym Membership Program was launched to promote physical fitness and overall wellness among students and staff, emphasizing the importance of maintaining a healthy lifestyle alongside academic pursuits.



A glimpse of poster presentation



Healthy Cooking Competition

Field and Industrial Exposure:

To bridge academic learning with practical industry experience, the School of Paramedical, Allied and Health Care Sciences organized an industrial visit for Medical Laboratory Technology (MLT) students to Acadicell at the Crescent Innovation and Incubation Council (CIIC) campus in Chennai. This visit provided students with valuable insights into real-time laboratory operations, technological advancements, and innovation ecosystems, enhancing their understanding of applied healthcare practices beyond the classroom.



A glimpse of visit

School of Agriculture

Brief overview of School

Established in 2022, the School of Agriculture at Mohan Babu University (MBU) was envisioned as a transformative platform to advance agricultural education, research, and innovation. The school is committed to addressing the contemporary needs of Indian agriculture by integrating scientific knowledge, technology-driven practices, and entrepreneurial skill development into its academic and research framework.

In a short span, the school has made significant strides in developing state-of-the-art infrastructure and practical learning environments. Key facilities include a Bio fertilizer Production Unit, Vermicomposting Unit, Soil Science Laboratory, Plant Pathology and Entomology Laboratories, and a functional Plant Health Clinic that offers real-time plant diagnostic and advisory services. These initiatives are designed to give students hands-on exposure to modern agricultural practices, sustainable technologies, and field-level problem-solving.

Significant Milestones

- 2022: Inception of the School of Agriculture as part of Mohan Babu University.
- 2025: Establishment of core infrastructure including the Soil Science Lab, Plant Pathology Lab, and Entomology Lab.
- 2025: Launch of Biofertilizer and Vermicomposting Production Units to support sustainable farming practices.
- 2025: Inauguration of a fully functional Farmers Advisory Center (FAC) /Plant Health Clinic for soil, plant and water testing and disease/pest diagnostics and farmer advisory services.
- 2022-25: Faculty members publish research articles and submit manuscripts to reputed journals, reflecting a growing research footprint.

These milestones collectively showcase the school's commitment to building a strong foundation for academic excellence, research, and community engagement.

The academic programs at the school span core and allied disciplines such as Crop Science, Horticulture, Agribusiness Management, Animal Husbandry, Food Science & Technology, Food and Nutrition, Soil and Water Engineering, Protected Cultivation, and Sustainable Farming Systems. Through a multidisciplinary and experiential learning approach, students are encouraged to understand the broader socio-economic and technological landscape of agriculture.

With a strong focus on agripreneurship, the school fosters innovation and leadership among students. It provides structured guidance to help them conceptualize and implement agribusiness ideas, equipping them with skills in project planning, execution,

analysis, and market engagement. This approach aims to prepare students not only as skilled professionals but also as future-ready agricultural entrepreneurs and thought leaders.

The school is supported by a dedicated team of faculty members, who are actively engaged in research, extension, and academic mentorship. The faculty team, composed of experienced and research-active academics, significantly contributes to the school's growing reputation. Faculty members have successfully published research in peer-reviewed journals, alongside many manuscripts currently under review. This strong research culture is supported by collaborative work in emerging areas such as ICT supported drone system, precision farming, organic agriculture, integrated pest and disease management, plant biotechnology, soil fertility, and climate-resilient farming systems. In essence, the School of Agriculture at MBU is emerging as a dynamic academic and research hub, committed to shaping professionals who will drive the future of agriculture with scientific integrity, social responsibility, and business acumen.

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 all 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 of 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 agripreneurs
- Inculcating basic human values and work ethics in the process of making good Samaritans for the society and nation.

Program Details

The school offers B.Sc. (Hons) Agriculture Four-year under graduate program with eight semesters

Programs offered by the department during the year (2024-2025)

Programme Name	Specialization	Number of semesters &	Credits required
		Years of study	
B.Sc. (Hons.) Agriculture (ICAR 5 th Deans Committee Report)	Agriculture Sciences	8 semesters (4 Years)	187
B.Sc. (Hons.) Agriculture (ICAR 6 th Deans Committee Report)	Agriculture Sciences	8 semesters (4 Years)	167 + 10 online courses

Student Strength (AY June. 2024 – July. 2025)

School of Agriculture	UG-2022	UG 2023	UG-2024	Grand Total
B.Sc. (Hons.) Agriculture	11	103	75	189
Grand Total	11	103	75	189

Specialization

From the sixth semester onwards, the School of Agriculture offers students an opportunity to pursue specialization through elective courses, certificate modules, and experiential learning programs (ELP) and Skill Enhancement Courses. This structure enables students to gain in-depth exposure, to focused areas such as Seed Production and Technology, Bio fertilizer and Biopesticides production, Plant Protection, Agribusiness, Soil and Water Management, and Horticulture, aligning academic training with career aspirations and industry needs.

Placement Preparedness and Career Prospects

Although the School of Agriculture was established in 2022 and the first cohort is yet to graduate, significant groundwork has been laid to ensure career readiness and placement support for students. The school, in collaboration with the University's Training and Placement Cell, has initiated efforts to establish linkages with key stakeholders across the agriculture and allied sectors.

Key Initiatives Taken:

- Coordination with agribusiness companies, agri-tech startups, and food processing industries for future placements and internships.
- Integration of industry-oriented modules, experiential learning (ELP), and agri-entrepreneurship training within the curriculum.
- Organization of career talks, guest lectures, and motivational sessions by professionals from the agriculture sector.
- Pre-placement training, including resume writing, interview preparation, and communication skill development.

Projected Career Avenues for Students

- Private sector roles in agri-input companies (seed, fertilizer, pesticide industries).
- Food processing and value addition industries.
- Agri-tech startups and precision farming enterprises.
- Government agriculture departments and extension services.
- Careers in NGOs, development agencies, and rural livelihood missions,
- Opportunities in agribusiness, marketing, and consultancy.
- Competitive exams for postgraduate programs (JRF, ICAR-AIEEA-PG) and government services (UPSC, AFO, etc.).
- Entrepreneurship through start-up support and incubation Career Opportunities and Placement Readiness

Summer Internship (RAWE/ELP) – Planning and Industry Engagement

As part of the B.Sc. (Hons.) Agriculture curriculum, students are required to complete a comprehensive Rural Agricultural Work Experience (RAWE) and Experiential Learning Programme (ELP) in their eighth semester. These components are designed to provide real-world exposure to rural farming systems, agribusiness enterprises, and applied agricultural practices. Although the current final-year students are in the 7th semester, detailed planning for the Summer Internship (2025) is underway. The School of Agriculture has already initiated engagement with industry partners, research stations, agri-based enterprises, NGOs, and government institutions to facilitate internships that align with students' academic interests and career aspirations.

Planned Internship Areas

- Rural Agricultural Extension and Farmer Interaction
- Seed Production and Marketing Units
- Soil and Water Testing Laboratories
- Agri-clinics and Plant Health Advisory Centres
- Commercial Horticulture and Protected Cultivation Units
- Vermicomposting, Biofertilizer Production, and Organic Farming
- Agri-startups and Innovation Hubs
- Post-harvest Technology and Food Processing

Teaching and Learning Activities

The School of Agriculture at Mohan Babu University adopts a holistic and experiential approach to undergraduate agricultural education. The teaching-learning process is carefully designed to combine theoretical instruction, practical exposure, laboratory-based training, and field engagement, thereby equipping students with industry-relevant skills and a scientific outlook as per ICAR and UGC guidelines and regulations.

Curriculum and Pedagogical Innovation

The curriculum is delivered using an Outcome-Based Education (OBE) framework, where learning outcomes are clearly articulated at program and course levels. Assessments are mapped to learning outcomes using Bloom's Taxonomy, and course attainment is monitored through rubrics and evidence-based evaluations. This model ensures students develop technical proficiency, entrepreneurial thinking, and a readiness to address real-world agricultural challenges.

- The curriculum is multidisciplinary, flexible, and skill-oriented, designed to promote experiential and inquiry-based learning.
- Pedagogical strategies include blended learning, flipped classrooms, peer teaching, project-based learning, and interactive group work.
- Teaching is enhanced through the use of smart classrooms, faculty-developed e-resources, ICT tools, and multimedia content.
- Students are introduced to agriculture-as-enterprise concepts through real-world problem-solving and entrepreneurial modules integrated across semesters.

Field-Based Practical Learning

- Students regularly participate in university farm activities, engaging in sowing, irrigation, pest management, and harvesting.
- Emphasis is placed on seasonal crop management, field diagnostics, and on-farm experimentation to reinforce classroom knowledge.
- Structured practicals include pest and disease scouting, weed management, and water-use efficiency techniques.

Skill-Oriented and Experiential Learning

- The school promotes hands-on training through mini-projects, nursery management, composting techniques, survey-based assignments, and simulation-based decision-making.
- The Rural Agricultural Work Experience (RAWE) and Experiential Learning Programme (ELP) in the eighth semester provide real-time exposure to rural farming systems, agribusinesses, and on-farm challenges, preparing students for professional roles or self-employment.
- Continuous assessments include field records, practical exams, presentations, open-book tests, and rubric-based grading.

Interactive and Inclusive Learning

- Students are actively involved in seminars, group discussions, field demonstrations, and role-playing activities.
- Bridge courses and mentoring are offered to support diverse learning needs, including both advanced and academically weaker students.
- Modules integrating Indian Knowledge Systems, ethics, and environmental responsibility are embedded to promote civic and ecological awareness.

NEP implementation

- The Department of Biological and Chemical Sciences has embraced a transformative approach to teaching and learning, aligning its curriculum with the National Education Policy (NEP) 2020.
- Emphasizing Outcome-Based Education (OBE), the department adopts modern pedagogical strategies such as blended learning, flipped classrooms, inquiry-based learning, and peer teaching.

Events organized during Academic Year 2024-2025

As part of the co-curricular and experiential learning framework, the following events were successfully organized by various student clubs under the School of Agriculture during the academic year 2024–2025:

Student Clubs under the School of Agriculture

Agronomy Club:

The Agronomy Club plays a vital role in bridging theory and practice by engaging students in hands-on activities related to crop production, soil health, and sustainable farming. Through initiatives like the Crop ID Station, maize fertilizer application, rice field weeding, and quadrat sampling, students gained practical knowledge on crop identification, nutrient management, weed control, and ecological data analysis. These experiences strengthened their understanding of field agronomy, enhanced teamwork, and promoted scientific thinking for sustainable agriculture.



A glimpse of Crop ID Station activity

Plant Health Club:

The Plant Health Club empowers students to tackle plant diseases and pests through both traditional and modern techniques. Activities such as the bio-control lab visit, yellow sticky trap demonstration, plant health digital monitoring, and a plant health quiz enhanced students' diagnostic, decision-making, and technological skills. By integrating eco-friendly solutions and digital tools, students were exposed to sustainable crop protection methods and agri-entrepreneurial opportunities in plant health management.



A glimpse of Plant Health Club activities

Farm Machinery Club:

The Farm Machinery Club focuses on mechanization and innovation in agriculture, enabling students to gain hands-on exposure to farm equipment and smart technologies. Activities included tractor hitching, sprayer calibration, a greenhouse visit, and innovation showcases, which taught students essential operational skills and introduced them to automation and precision farming. These experiences helped build problem-solving, safety awareness, and entrepreneurship skills essential for modern, efficient, and sustainable farming systems.



A glimpse of Farm Machinery Club activities

Training for student Skill Development program for transferable skills:

On September 28 (Saturday), a Beekeeping Training session was conducted by Honey Day Bee Farms Pvt. Ltd. in collaboration with the Plant Health Club, School of

Agriculture, Mohan Babu University, at Narasingapuram Farm for B.Sc. II and III-year Agriculture students. Held from 10:00 AM to 12:00 PM, the session introduced students to various beekeeping tools such as bee hives, smokers, queen gates, and bee veils, emphasizing their importance in safe and efficient beekeeping. Trainers discussed urban and rural beekeeping as sustainable livelihood options and demonstrated how Honey Day Bee Farms breed resilient, high-yielding bees. Students observed different castes within the colonies and learned about valuable bee products like honey, wax, propolis, royal jelly, bee pollen, and venom and their applications in health, nutrition, cosmetics, and agriculture. Seasonal management of colonies and the critical role of bees in pollination and biodiversity were also covered. The session encouraged students to explore apiculture as a career and research field, highlighting its commercial and ecological significance.



A glimpse of the activity

Industrial\ Field Visits:

The School of Agriculture at Mohan Babu University organized a series of comprehensive field and industrial visits to renowned institutions, research centers, and agro-based industries, significantly enriching the practical learning experience of B.Sc. (Hons.) Agriculture students. These visits, which included locations such as Central Warehousing Corporation, RARS Tirupati, Biotrim Lab, rice mills, and premier institutions like ICRISAT, NAARM, IIMR, Kaveri Seeds, and CCMB, provided students with hands-on exposure to areas like post-harvest processing, agro-processing technologies, biotechnology, seed production, hydroponics, and sustainable farming. By interacting with industry experts and observing real-time agricultural innovations, students deepened their understanding of theoretical concepts, explored entrepreneurial opportunities, and gained inspiration to pursue careers in agricultural research, technology, and rural development. These experiential learning opportunities bridged the gap between classroom instruction and real-world application, fostering technical skills, innovation, and a holistic view of agriculture's role in food security and sustainability.



A visit to Rice Mill, Tanapalli



A visit to Regional Agricultural Research Station (RARS), Tirupati



A visit to ICAR-NAARM



A visit to Infinity Hydroponics Green Farms Private Limited

Sustainable Development Goals (SDGs) Related Activities:

The School of Agriculture at Mohan Babu University conducted a series of impactful SDG-aligned activities, including celebrations of World Forest Day, Earth Day, and World Soil Day, alongside debates, guest lectures, and climate policy discussions. These events empowered students through awareness on afforestation, soil health, waste reduction, and energy conservation, while promoting sustainable practices and career opportunities in environmental fields. Through active student engagement and expert interactions, the initiatives advanced key Sustainable Development Goals such as SDGs 3, 4, 11, 12, 13, 15, and 17.



Rangampet, Andhra Pradesh, India
J7cq+cw4, Rangampet, Andhra Pradesh 517102, India
Lat 13.621005° Long 79.289856°
22/04/2025 10:46 AM GMT +05:30



Nagapatna, Andhra Pradesh, India
Sree Sainath Nagar, Tirupati - Pakala Line, Nagapatna, Andhra Pradesh 517102, India
Lat 13.619988° Long 79.289618°
24/05/2025 11:35 AM GMT +05:30

A glimpse of SDG events

Academia and Industry Partnerships

MBU-SoA-MoU's Signed:

Sl. No	Organization Details	Date Signed	Valid Till	Outcomes Attained
1.	M/s Kethari Agro-Tech Private Limited	18.10.2024	17.10.2029	One collaborative research project under Non-Govt. Funded Projects is under progress.
2.	M/s Swarnamukhi Women Mutually Aided Cooperative Society Ltd. (SWOMACS)	12.12.2024	11.12.2029	One community project on Moringa Leaf Powder is making progress.
3.	M/s Bharathi Seeds Private Ltd., Nandyal	23.11.2024	22.11.2029	One collaborative research project under Non-Govt. Funded Projects is under progress.
4.	M/s Rashtriya Seva Samithi, Tirupati	05.02.2025	04.02.2030	To collaborate in SDG activities
5.	M/s Andhra Pradesh Mahila Abhivruddhi Society, Hyderabad.	06.02.2025	05.02.2030	To collaborate in women empowerment programs, rural livelihood upliftment.
6.	M/s Financial Inclusion & Entrepreneurship Development and Promotion Trust (FIREPT), Tirupati	20.02.2025	19.02.2030	Guidance on opportunities for Agri. graduates in Entrepreneurial Activities

Research and Development (R&D Activities)

Seed Grant Projects:

School of Agriculture successfully secured two seed grant projects funded by MBU. The project details are as follows.

1. Manipulating flower sex ratio in ridge gourd through growth regulators, Principal investigator: Dr. K. Mallikarjuna, Asst. Prof. (Horticulture).
2. Investigation of Different Priming Methods on Germination and Growth Parameters of Groundnut (*Arachis hypogea L.*), Principal investigator: Dr. Hemalatha Palanivel, Assoc. Prof. (Genetics and Plant Breeding).

School of Liberal Arts and Sciences

Brief overview of School

School of Liberal Arts and Sciences is committed to deliver a comprehensive education in liberal arts and sciences, covering a diverse range of fields such as humanities, sciences, and mathematics. Faculty members are devoted to teaching and conducting research in various areas, including Synthetic Organic Chemistry, Natural Product Synthesis, Environmental Chemistry, Biochemistry, Biotechnology, Bioinformatics, Microbiology, Forensic Physics, Forensic Biology, Forensic Toxicology, Material Science, Atmosphere Physics, Algebra, and Fluid Dynamics. Their mentorship and guidance empower students to explore their intellectual curiosity and realize their full potential.

The school is equipped with state-of-the-art laboratories featuring the latest technology and resources. These advanced facilities act as incubators for exploration and experimentation, enabling both students and faculty to engage in cutting-edge research and hands-on learning experiences. We also provide value-added courses and certifications in partnership with Coursera, and ICT Academy, to further boost students' technical and professional skills. The Department of Physics serves as a vital support department to the School of Engineering and the School of Computing.

The Department of Biological Sciences and Chemical Sciences were formerly part of the Sree Vidyanikethan Degree College from the date of origin of the college, got merged into the Mohan Babu University (MBU) has now renamed as Department of Biological and Chemical Sciences (DBCS) in the year 2022 under the School of Liberal Arts and Science. The faculty members at the DBCS have obtained Ph.D. degrees from Premier Institutes and possess vast experience in teaching as well as research in India and abroad. The students in DBCS are in strong focus on both theoretical and practical learning and the department instills knowledge to get ready for successful careers in their chosen fields to face the real-world challenges. This holistic approach ensures that students receive a good education and makes it a leading destination for higher learning. The Department of Biological and Chemical Sciences offers a three year Bachelor program in BSc., Biotechnology, BSc., Microbiology, BSc., Bioinformatics, BSc., Forensic Science and PG programs in Biotechnology and Organic Chemistry. The program emphasizes acquiring knowledge and contemporary skills on Biology and developing Research outputs through experiential learning relevant to the domain of Basic, Applied and Life sciences.

Vision

- To become a leading center of excellence in the biological and chemical sciences through adapting advanced methods in teaching and research.

Mission

- Inspire science students of tomorrow to take on the challenges in the scientific field and build a sustainable society that is free from biological and chemical science apprehensions.
- Provide students with an education that combines academics with diligent practical training in a dynamic, research-oriented environment to serve industry and societal needs.
- Encourage faculty and staff to achieve bigger goals in their respective fields and exhibit the best of their abilities via continuing education and research.

Program Details

Programs offered by the department during the year (2024-2025)

Program	Sanctioned intake	No. of Semester & Programme duration	Credits
B.Sc. Biotechnology	60	6 Semester (3 Years)	120
B.Sc. (Hons.) – Biotechnology	60	8 Semester (4 Years Degree Program)	120
B.Sc. Microbiology	30	6 Semester (3 Years)	120
B.Sc. (Hons.) – Microbiology	30	8 Semester (4 Years Degree Program)	160
B.Sc. Bioinformatics	30	6 Semester (3 Years)	120
B.Sc. (Hons.) – Bioinformatics	30	8 Semester (4 Years Degree Program)	120
B.Sc. Forensic science	30	6 Semester (3 Years)	120
B.Sc. (Hons.) – Forensic Science	30	8 Semester (4 Years Degree Program)	160
M.Sc. Biotechnology	36	4 Semester (2 Years)	90
M.Sc. Chemistry	10	4 Semester (2 Years)	90

Teaching and Learning Activities

- A wide array of digital platforms and simulation tools enhances the teaching experience, while faculty-developed e-resources support independent learning. The curriculum is structured to be multidisciplinary and flexible, offering major-minor combinations and electives in emerging fields like genomics, green chemistry, and computational biology. Continuous assessment practices, including project-based evaluation, open-book tests, and rubric-based grading, ensure comprehensive student evaluation. Students engage in research from the undergraduate level through dissertation work, internships, and funded projects under schemes like DBT and DST.
- Infrastructure development includes state-of-the-art laboratories, smart classrooms, and digital learning facilities. The department also emphasizes inclusivity through bridge courses, mentorship programs, and academic support

cells. Skill enhancement and value-added courses in scientific communication, laboratory safety, and entrepreneurship equip students for the workforce.

- Strong industry and academic collaborations provide practical exposure and career opportunities. Faculty development is prioritized through regular FDPs and NEP-focused training. Integration of Indian Knowledge Systems, ethics, and environmental consciousness further enriches the learning environment.

NEP implementation

- School of Liberal Arts and Sciences has embraced a transformative approach to teaching and learning, aligning its curriculum with the National Education Policy (NEP) 2020.
- Emphasizing Outcome-Based Education (OBE), the departments adopt modern pedagogical strategies such as blended learning, flipped classrooms, inquiry-based learning, and peer teaching.

Students' Achievements

- Students of the department actively engaged in skill enhancement through various online certification courses offered by reputed platforms such as Spoken Tutorial, Coursera, Microsoft, ICT Academy, UiPath, and Academic Alliance.
- These courses supplemented their academic learning and provided them with industry-relevant skills in areas like programming, data science, automation, and digital tools.
- In terms of placements for the period June 2024 to July 2025, a notable performance was observed. Out of the total number of eligible students, 4 were successfully placed, receiving offers. Two prominent companies visited the campus during the placement drive. The highest salary package secured at the undergraduate level was ₹8 lakhs per annum, while the postgraduate students achieved a highest package of ₹12 lakhs per annum. The average salary for postgraduate placements stood at ₹4 lakhs per annum, whereas the undergraduate students secured an average of ₹4.5 lakhs per annum. These outcomes reflect the department's consistent efforts in bridging academic training with employability and professional growth.

Summary of School's Activities

- Imparting quality education remains the foremost responsibility of any academic institution, and it is driven by the dedication and expertise of qualified educators. In the academic year (2024-25), 5 faculty members of the institution acting as guide doctoral degrees in their respective fields, further strengthening the academic and research environment. In terms of scholarly output, the faculty has demonstrated commendable progress.
- A total of 3 books has been published across disciplines such as Biotechnology (2), Chemistry (2). Additionally, 3 book chapters have been contributed to specialized areas including Chemistry, Biotechnology, Bioinformatics, Microbiology and Forensic Sciences.

- Research article publications have also been noteworthy, with 34 articles appearing in Scopus-indexed, UGC CARE-listed, and other peer-reviewed journals.
- Research and innovation have continued to thrive; Faculty members secured non-government funding research projects up to 30 Lakhs highlighting the institution's commitment to academic inquiry.
- Patent - Dr. Eswari, Assistant Professor, has published one patent year of 2024-2025.
- Research Projects -Research is a vital component of higher education, and each year our faculty members secure several funded research projects. This year, one such project was completed by Dr. Eswari, Assistant Professor.
- Dr. YB Kishore Kumar has successfully completed a project worth Rs. 29,26,000/- entitled "Vignana Vihangam" (Development of School Teachers as Resource Persons in Physical Experiments for Rural Area Students using Low-Cost Teaching Aids). This project was sanctioned by the National Council for Science & Technology Communication (NCSTC) division, Department of Science & Technology, New Delhi.
- Dr. Narendra Kumar Rao (PI) and Dr. P. Vishnu Prasanth are currently executing an NCSTC project entitled "Nurturing Young Minds with Foundations in Artificial Intelligence and Data Science: An Awareness Approach – For the Region of Chittoor District in Andhra Pradesh". The total funding approved for this project was Rs. 22,60,400/-.
- Dr. V. Madhu Mohan has received a project under the MBU Seed Grant Scheme-2024 entitled "High Voltage Energy Storage: Advanced Sodium-Ion Batteries." The total approved funding for this project is Rs. 2,06,000/-
- The Physics department has organized more than 25 events for UG students through clubs like the Science Club and IEEE Professional Society. These events provide valuable opportunities for learning and engagement. They cater to diverse interests, promoting holistic student development.
- The Physics faculty members have published 15 papers in various reputed journals and conferences. 06 of these publications were indexed in Q1 and Q2 journals, reflecting the high quality and impact of the research conducted. Some of these research papers were published in collaboration with industry as well as premier institutions.

A Sustainable Development Goal-1 (SDG-1) workshop on the topic "Gender Equality in Education" on 4th April, 2025; Dr. M.M Kesavulu ,Associate Professor, Head of Department of Biological and Chemical Sciences, School of Liberal Arts and Sciences, Mohan Babu University and Dr. K.K Siva Kumar, Associate Professor, Biological and Chemical Sciences, School of Liberal Arts and Sciences, Mohan Babu University acted as resource person, 52(Bioinformatics, Biotechnology and Microbiology) students participated in the

Programme. This Programme is conducted by Dr. Shaik Ibrahim Khalivulla, Assistant Professor of Chemistry.



A glimpse of the activity

A Sustainable Development Goal-2 (SDG-2) workshop on the topic "Teach your peers" on 24th April 2025. This activity was conducted by Dr. Shaik Ibrahim Khalivulla, Assistant Professor of Chemistry, Mohan Babu University, 63 (Bioinformatics, Biotechnology and Microbiology) students participated in the Programme.



A glimpse of the activity

A Sustainable Development Goal-3 (SDG-3) activity on the topic "Group discussion on the impacts of overconsumption" on 29.04.2025. This activity was conducted by Dr. Y. Radha, Assistant Professor of Chemistry, Dr. G. Durga Prameela, Assistant Professor, Biological and Chemical Sciences, School of Liberal Arts and Sciences, Mohan Babu University acted as resource person, 48 students participated in this activity.



A glimpse of the activity

A Sustainable Development Goal-4 (SDG-4) activity on the topic “promoting responsible waste disposal” on 22.02.2025. This activity conducted by Dr. Y. Radha, Assistant Professor of Chemistry, 49 students participated this activity. The program focused on promoting responsible waste disposal, educating the community about waste segregation, recycling, and sustainable environmental practices.



A glimpse of the activity

A Sustainable Development Goal-5 (SDG-5) activity on the topic “Environmental policies- Responsible consumption and production” on 10.04.2025. This activity conducted by Dr.Y.Radha, Assistant Professor of Chemistry, 49 students participated this activity. The event highlighted key environmental regulations, sustainable lifestyle choices, and the role of youth in achieving SDG 12, promoting eco-friendly and conscious consumption habits.



A glimpse of the activity

A Sustainable Development Goal-6 (SDG-6) activity on the topic “The Science Behind Superheroes” on 02.01.2025. This activity was conducted by Mrs. Vasiha Anjum, Assistant Professor of Biotechnology, 30 participated this activity. the event highlighted. The discussion blended creativity with critical thinking, encouraging students to explore the boundary between science fiction and scientific possibility



A glimpse of the activity

A Sustainable Development Goal-7 (SDG-7) activity on the topic "Report on the Event "DIY Science Inventions" on 09.01.2025. This activity was conducted by Mrs. Vasiha Anjum, Assistant Professor of Biotechno, and 30, 30 students participated this activity. The event showcased the creativity, innovation, and scientific aptitude of our students, with a wide range of hands-on projects that demonstrated their ability to address real-world problems using scientific principles.

A Sustainable Development Goal-8 (SDG-8) activity on the topic "Guess the Scientist Competition" on 28.02.2025. This activity was conducted by Mrs. Vasiha Anjum, Assistant Professor of Biotechnology, 25 students participated in this activity. The event was a great success, achieving its objective of fostering scientific curiosity and appreciation. Participants actively engaged in the competition, making it both educational and enjoyable.



A glimpse of the activity

A Sustainable Development Goal-6 (SDG-6) activity on the topic "Should Animal testing be banned in scientific research? " On 14.02.2025. This activity was conducted by Mrs. Vasiha Anjum, Assistant Professor of Biotechnology, and 20 students participated in this activity. Participants discussed ethical concerns, scientific advancements, and the necessity of animal testing in medical and pharmaceutical research.

INFRASTRUCTURE

CAMPUS AND INFRASTRUCTURE

Campus

Mohan Babu University is the first brownfield state private university in the state of Andhra Pradesh established under the Andhra Pradesh State Private Universities Act. The University campus extends over a 50.86-acre area of land with 100,046 sq. m built-up area in a picturesque location surrounded by mountains and lies at the foot of the Seshachalam Hills of Eastern Ghats in the North. The campus is surrounded by mountains; one can enjoy a pleasant environment and pure air. The campus is greenery-filled and thoughtfully designed with wonderful walkways, lawns, underground drainage, water supply, and electrical and network infrastructure to enhance the quality of the campus environment. The campus houses many academic blocks with state-of-the-art laboratories and administrative blocks, a spacious and resourceful library, comfortable student hostels, and a range of modern amenities to improve the university experience as a whole.

Location

The University is situated at Sree Sainath Nagar, Tirupati, Chandragiri Mandal, Tirupati District of Andhra Pradesh State, 15 km from Tirupati city. The institution is located in the southwestern part of the city of Tirupati and on the side of Anantapur - Tirupati Highway (NH71). The university is well-connected to the rest of the nation via air, road, and rail. The university campus is 3 km from the nearest Railway Station (Chandragiri), 15 km from the Tirupati Railway Station and 33 km from Tirupati Airport.

Infrastructure

The campus infrastructure comprises various buildings dedicated to administrative, academic, residential, and recreational purposes. Covering the largest area, the academic block spans 68513 square meters. This section accommodates classrooms, laboratories, and faculty offices. The administration block occupies 1956 square meters, and houses administrative offices, staff rooms, and other administrative facilities. Designed for student accommodation, the hostel building covers 21740 square meters, providing living space for students. Additional amenities, such as recreational areas, dining halls, and support facilities, encompass 7837 square meters. Expansion projects are underway to create additional facilities to accommodate future growth and varied campus needs.

IT Infrastructure

The institution has a robust and comprehensive technology infrastructure in place to support its educational and administrative needs. At the heart of this infrastructure are the various computing devices, with a total of 2,330 computers ranging from i3 to i7 processors across the campus, augmented by an additional 100 desktops added over the 2024-2025

period. To complement these desktop systems, the institution also maintains a fleet of 45 laptops, primarily equipped with i3 and i5 processors, catering to the mobility needs of staff and administrators.

Beyond the client devices, the institution's infrastructure includes 25 physical servers from reputable brands like IBM, Dell, and Lenovo, providing the backbone for data storage, application hosting, and other mission-critical services. The printing and imaging needs are met by 146 printers and multifunction devices, while 198 projectors and 10 smart boards facilitate seamless multimedia integration and interactive learning experiences across the campus.

To ensure the security and reliability of the network, the institution has deployed a Sophos XGS 5500 firewall, along with a comprehensive antivirus solution from Quick Heal, covering 200 user licenses. The campus-wide Wi-Fi network is supported by 900 access points from various vendors, including Ruckus, Quantum, and Aruba, providing ubiquitous connectivity for students, staff, and visitors. The institution has invested in 185 network switches, predominantly from Cisco and Aruba, to ensure efficient data transmission and reliable connectivity throughout the campus.

Data storage and backup are crucial aspects of the infrastructure, and the institution has addressed these needs with 2 storage solutions: a NAS box with 48TB of capacity and a SAN box with 9.6TB of storage.



Servers



Computer Labs



Computer Labs

CCTV System

The University campus has a 872 CCTV cameras, indicating a robust surveillance system to ensure the safety and security of the campus. With cameras in hostels, classrooms, labs, and other areas, the University seems to be prioritizing security for students, staff, and faculty. This infrastructure also helps in monitoring activities to prevent any incidents and enhance overall campus safety.



CCTV Surveillance

Seminar Halls

The University has well-equipped seminar halls that can accommodate various events and activities across departments. These halls likely support a wide range of academic and extracurricular engagements, from inter-departmental collaborations to seminars and conferences. The varied seating capacities offer flexibility, allowing them to cater to both

smaller workshops and larger seminars. The University is equipped with 9 seminar halls and 2 auditoriums, with all the modern facilities like projectors, advanced sound systems, Wi-Fi facilities etc., providing an ideal and comfortable facility to hold important events and discussions. The seminar halls are fully equipped with audio and video aids that provide appropriate environmental training for the students.

Labs

MBU is committed to providing exceptional educational experience by investing in cutting-edge laboratory facilities that not only support academic and research activities but also promote safety and sustainability. By offering a practical, hands-on environment, these labs enable students to develop important skills such as problem-solving, critical thinking, and decision-making. This approach not only enhances their academic journey but also prepares them for professional success in a responsible and eco-conscious manner. Such initiatives reflect the university's dedication to creating a holistic learning experience.



Ultra Sonicator



Hot air oven(sterilization)



Incubator



Cooling Centrifuge

STUDENTS' ACTIVITIES

STUDENTS' ACTIVITIES

MBU Clubs

The MBU proudly supported the active engagement of 42 distinct student clubs, which collectively conducted an impressive 259 unique activities, which were organized under the guidance of dedicated faculty members and senior student coordinators. Each school at MBU nurtures its own group of clubs; faculty members serve as mentors and club in-charges, while senior students take the lead in planning and executing activities, thus fostering a culture of mentorship and peer-driven learning. As a result, the campus has emerged as a thriving hub for skill development, collaboration, and creativity.

Throughout this academic year, clubs hosted a rich collection of activities, including discussions, debates, quizzes, seminars, problem-solving sessions, idea showcases, and training in leadership and organizational skills. These initiatives not only enhanced academic curiosity but also cultivated soft skills crucial for holistic development. These diverse engagements directly contributed to cultivating essential skills such as leadership, critical problem-solving, innovative thinking, and organizational proficiency, thereby aligning seamlessly with MBU's overarching educational mission. Across a ten-month period, a total of 273 activity reports were published on the official MBU website during AY:2024-25.

On average, 55 students actively participated in each event, highlighting the broad appeal and accessibility of club initiatives.

Month-Wise Breakdown of Activities Conducted and Published on MBU Web Site

Month	Activities
September	11
October	23
November	39
December	24
January	35
February	36
March	32
April	32
May	03
June	03

Objectives

The primary aim of MBU's club culture is to foster experiential learning beyond the classroom. These activities are designed to:

1. Stimulate intellectual engagement and critical thinking
2. Encourage leadership and teamwork.
3. Strengthen communication and presentation skills.
4. Promote creativity and innovation.
5. Develop organizational competencies among students

Clubs at MBU continue to be instrumental in shaping student identity, empowering voices, and cultivating a robust learning environment.

Prominent Clubs and Their Focus Areas

MBU's club ecosystem is characterized by its breadth and depth, with several prominent clubs demonstrating significant impact.

Academic/Technical Clubs:

Specific examples of technically oriented clubs include the Electrical Technical Association (ETA) Club, which organized a technical event titled "Electro Nexus," and the Brain Masters Club, which hosted an "Exhilarating Game Development Event: 'Ignite Creativity & Innovation.'" While the App Development Club's focus on "mobile app design and development skills" and activities like "problem identification hackathon" illustrate the type of technical focus MBU's clubs likely maintain. Such clubs are crucial for enhancing students' technical and problem-solving skills, aligning with MBU's emphasis on practical, hands-on learning.

Special Interest/Health & Wellness Clubs:

The Wellness Wizard Club of MBU hosted a "Comprehensive Eye Screening Drive for Faculty," demonstrating a focus on health and well-being within the campus community. The Nutrition and Diabetic Club of MBU organized awareness programs such as "No Tobacco Day" and an awareness program on the occasion of "World Leprosy Day." The Cosmetics Club also contributed to social awareness with an "Impactful Event On 'National Girl Child Day.'" These clubs highlight a commitment to community health, social awareness, and the overall welfare of the communities.

Agriculture-focused Clubs:

Reflecting MBU's diverse academic programs, including the School of Agriculture, clubs like the Plant Health Club conducted hands-on activities such as "Demonstration on

Installation of Yellow Sticky Traps for Trapping Major Sucking Pests." The Agronomy Club also held an impactful activity titled "Maize Magic: Powering Growth with Basal Fertilizer." These initiatives provide practical, field-based learning experiences that complement theoretical studies in agricultural sciences.

Commerce Club:

This club successfully organized an "Inspiring Guest Lecture On 'Scope & Opportunities of Agribusiness", demonstrating its role in bridging academic knowledge with real-world industry relevance and fostering professional insights among students in commerce and management disciplines.

Readers Club:

The existence of such a club implies a focus on literary engagement, critical reading, and intellectual discourse, contributing to broader intellectual development and fostering a culture of continuous learning.

Outcomes of Club Activities

MBU's club activities are not merely supplementary; they are instrumental in achieving the university's mission of fostering well-rounded individuals who are well-prepared for future success in a dynamic global landscape. The diverse range of activities directly contributes to the holistic development of a comprehensive skill set among students, extending far beyond traditional academic learning.

Skill Development

Leadership and Organizational Skills:

Through the hands-on experience of planning, promoting, and executing events; managing various club teams and assuming formal leadership roles within clubs (e.g., the IEEE committee), students gain invaluable, practical experience in leading initiatives, effectively delegating tasks, and coordinating complex projects. This real-world application of skills is crucial for future professional roles and directly supports MBU's aim to nurture discipline and leadership.

Problem-Solving and Innovative Ideas:

Activities such as hackathons (as seen in the App Development Club's action plan), game development challenges (Brain Masters Club), and active engagement with the V-Hub Innovation Centre provide students with practical, real-world challenges. These platforms actively encourage creative thinking, foster an entrepreneurial mindset, and facilitate the application of theoretical knowledge to develop innovative solutions. The IEEE Student

Branch explicitly aims to "promote innovation by encouraging participation in research, competitions, and creative initiatives," reinforcing this focus.

Technical and Domain-Specific Skills:

Clubs specifically aligned with academic disciplines, such as the Electrical Technical Association, Plant Health Club, and Agronomy Club, offer invaluable hands-on learning experiences and specialized workshops. These activities deepen students' practical expertise in their respective fields (e.g., "Demonstration on Installation of Yellow Sticky Traps"). The IEEE Student Branch explicitly states its objective to "enhance students' technical skills through workshops, seminars, and hands-on projects.

Communication and Interpersonal Skills:

Active participation in events like debates, public speaking forums, and collaborative projects within clubs significantly enhances students' professional communication abilities, strengthens their teamwork capabilities, and fosters cross-cultural understanding. These are vital soft skills for effective collaboration and career readiness in any field.

Community Engagement and Social Responsibility

MBU's clubs play a pivotal role in instilling a strong sense of social responsibility and civic duty in students. The health awareness programs organized by the Nutrition and Diabetic Club and Cosmetics Club clearly demonstrate MBU's commitment to encouraging students to contribute positively to both the university community and the wider society. The historical precedent of the "Army Green" social service cell further underscores this enduring value, aligning with MBU's mission to "entice the true spirit of environment and societal consciousness in citizens of tomorrow."

Alignment with Mbu's Broader Goals

The positive outcomes derived from student club activities are in direct alignment with MBU's overarching strategic objectives. These include fostering employability and entrepreneurial skills, successful careers by enhancing their problem-solving, communication, and technical skills, and nurturing innovation, learning, discipline, and leadership. The university's impressive placement record, including lucrative offers from top-tier companies such as Google and Amazon, can be viewed as an indirect yet significant outcome of the comprehensive, holistic development fostered, in part, through active club engagement.

Glimpse of various club activities





Conclusion

The dedicated and collaborative efforts of both faculty advisors and student coordinators are the basis of this success, fostering an environment where students are empowered to explore their passions, develop critical competencies, and contribute meaningfully to the university community and the broader society. This commitment ensures that MBU continues to produce future-ready talent, equipped with not only academic brilliance but also the essential life skills and leadership qualities required to excel in a rapidly evolving world.

NATIONAL SERVICE SCHEME (NSS)

The NSS Unit of Mohan Babu University, under the NSS Programme Officer Dr. P. Prakash, has undertaken a wide range of impactful activities throughout 2024–25, with an impressive participation of 5,869 student volunteers. These initiatives were aimed at fostering social responsibility, environmental sustainability, and national integration among youth. Major campus-based programs included the MBU Swachh Campus Campaign, Fire Safety and Prevention Awareness, Anti-Ragging Campaign, Nasha Mukt Bharat Abhiyaan, Har Ghar Tiranga, Organ and Blood Donation Camps, and the celebration of NSS Foundation Day, Samvidhan Divas, and National Space Day. Volunteers also participated in satellite launch programs and community outreach campaigns. Off-campus efforts were equally significant, covering activities like Clean India, Plastic-Free Tirupati, Tree Plantation Drives, and SV Zoo Conservation Projects. Collaborations with S.V. Zoological Park, AP Forest Department, and Tirupati Police enriched the program's outreach, involving recycling initiatives, classroom adoptions, and cyber-crime awareness drives. Under Dr. Prakash's guidance, the NSS Unit continues to serve as a platform for youth empowerment, character building, and national service through proactive and sustained participation.

S No	Name of activities	Nature	Date	Duration	No. of students
1	An Awareness and Intervention Program on "Fire safety and prevention	On campus	29.08.2024 13.08.2024	6 Hrs	240
2	Har Ghar Tiranga 2024	On campus	to 15.08.2024	6 Hrs	600
3	MBU Swatchh Campus Campaign-2025	On campus	03.08.2024	6 Hrs	240
4	MBU Swatchh Campus Campaign-2025	Off-campus	01.03.2025	6 Hrs	200
5	Awareness Program on ANTI-RAGGING	On-campus	31.08.2024	6 Hrs	50
6	NASHA MUKT BHARAT ABHIYAAN	On campus	15.08.2024	3 Hrs	560
7	Swachhatha Hi-Seva at Agastheeswara Temple - Mukkoti, Chandragiri	On campus	25-01-2025	6 Hrs	140
8	SAMVIDHAN DIVAS Commemorating the Adoption of the INDIAN CONSTITUTION	On campus	25.01.2025	6 Hrs	300
9	MBU Swatchh Campus Campaign-2025	Off-campus	04-01-2025	6 Hrs	200
10	MBU Swatchh Campus Campaign-2025 Plastic Free Drive & Swachhata Hi Seva-	On-campus	21.12.2024	3Hrs	200
11	2024 (S V Zool, Forest Department, Govt. of A.P.)	Off-campus	28.09.2024	6 Hrs	150
12	NSS Foundation Day Celebrations	On-campus	24.09.2024	3Hrs	160
13	National Space Day Celebrations	on-campus	08-09, August, 2024	6 Hrs	300
14	MBU BLOOD DONATION CAMP-2025	Off-campus	19.03.2025	6 Hrs	800
15	MBU Satellite Launch, NSS volunteers' participation	Off-campus	27.07.2024	6 Hrs	280
16	Plastic Free drive at SV Zoological Park and recycling of plastics Clean India" initiative, with NCC/NSS	Off-campus	28.09.2024	6 Hrs	190
17	volunteers participating in cleaning public spaces and MBU	Off-campus	02.10.2024	6 Hrs	40

S No	Name of activities	Nature	Date	Duration	No. of students
18	Blood Donation Camp organized as part of AP Police Commemoration Day 2024 at Tirupati	On-campus	30.10.2024	6 Hrs	45
18	Swachh Andhra Pradesh' and 'Friends of Forest – Tirupati' Divyaramam, near the Kapilateertham Temple	Off-campus	27.04.2025	6Hrs	40
19	Plastic-Free Tirupati campaign and NSS Community project at SV Zoo	On-campus	05.04.2025	6 Hrs	120
20	NSS team of MBU participated in a cyber-crime awareness program organized by the Tirupati District Police at Mahila University, Tirupati, on	Off-campus	04.11.2024	3Hrs	220
21	Tree Plantation Campaign and SV Zoo, Tirupati	Off-campus	02.11.2024 & 09.11.2024	3Hrs	60
22	Organ Donation Campaign at MBU	Off-campus	13.08.2024	3 Hrs	300
23	MBU students' participation in Yogandhra Celebrations at SV Zoo, Tirupati.	Off-campus	29.05.2025	4 Hrs	70
24	MBU students' participation in Yogandhra Celebrations at SV Zoo, Tirupati.	Off-campus	21.06.2025	4 Hrs	240
25	Promoting recycling, waste reduction, and conservation practices within the park. Setting up and maintaining recycling bins,	Off-campus	11.10.2024	4 Hrs	60
26	composting stations, and waste segregation systems within the park.	Off-campus	28.12.2024	4 Hrs	30
27	Classroom Adoptions: Partner with local schools to offer group adoption packages where classes can adopt an animal and follow its journey throughout the year.	Off-campus	22.02.2025	4 Hrs	30
28	Promoting and fund raising through Corporate Social Responsibility activities.	Off-campus	22.03.2025	4 Hrs	4

MBU Swachh Campus Campaign

The NSS Unit of Mohan Babu University has launched the Swachh Campus Campaign to promote cleanliness, hygiene, and sustainability across the university. As part of this initiative, student volunteers actively engage in regular campus cleaning drives, plastic

waste collection, plantation activities, and awareness programs. The campaign fosters a sense of social responsibility among students, encouraging them to maintain a clean and green environment. Through collaborative efforts with faculty and staff, the NSS team is working towards creating a model eco-friendly campus. This initiative aligns with the Swachh Bharat Mission and reflects MBU's commitment to environmental stewardship and community welfare. This activity is to be performed in 1st and 3rd weeks of a month.

The MBU SWATCH CAMPUS CAMPAIGN 2024-25 proved to be a successful and impactful event, involving students, faculty, and staff in efforts to maintain a clean and healthy campus environment. The collaborative effort of students, faculty, and volunteers demonstrated a collective commitment to creating a clean and hygienic environment. Such initiatives contribute not only to the physical well-being of the campus but also foster a sense of responsibility and community engagement among the participants. The university looks forward to organizing more such campaigns to promote a culture of cleanliness and hygiene. A clean campus can enhance the reputation of an institution and create a more welcoming and pleasant environment for everyone. Overall, a Clean Campus initiative aims to create a sustainable, healthy, and pleasant environment for everyone on campus while promoting a sense of responsibility and community among its members.



Honourable Vice-Chancellor of MBU, Prof. Nagaraj Ramrao, addressing to the gathering



Cleanliness Pledge performed by faculty, students, and volunteers



MBU Swachh campus clean program



Fire safety and prevention



Mr. Kiran Kumar Reddy, Asst. District Fire Officer, Tirupati (Urban) delivering a talk to students



A group photo with AP State Disaster Response & Fire services Department personal and Students and staff

Har Ghar Tiranga Pledge:

As part of Har Ghar Tiranga 2024, celebrations the NSS unit organized a Tiranga Pledge, Honorable Vice-Chancellor of MBU, Prof. Nagaraj Ramrao and Deans, HODs present witnessed the ceremony and around 600 plus students and volunteers are participated the same.

Tiranga Pledge:

I pledge to hoist the national flag of India, the Tiranga, with pride and honor at my home. I commit to respecting the dignity and symbolism of the Tiranga, understanding that it represents the unity, diversity, and sovereignty of our great nation.

I will ensure that the Tiranga is displayed according to the guidelines set by the Government of India, maintaining its sanctity at all times. By participating in the Har Ghar Tiranga campaign, I reaffirm my commitment to the values of freedom, equality, and justice as enshrined in our Constitution.

Jai Hind!



Tiranga Pledge performed by MBU Faculty and Students



Students and Faculties are in part of Tiranga Rally

Hoisting the National Flag at Institute Buildings:

Hoisting the national flag at institute buildings is a ceremonial activity that is often done to promote patriotism and respect for the nation. Around 10 National flags were displayed at various academic buildings, Library and Hostel blocks of MBU. The respective pics are included in the report.



Hoisting the national flag at institute buildings is a ceremonial activity that is often done to promote patriotism and respect for the nation

Independence day Celebrations at School Campus:



78th Independence day celebrations at SVIS Ground

NSS Foundation Day celebrations:

NSS unit of MBU, Tirupati celebrated NSS Foundation Day on 24.09.2024 at ME Seminar Hall, MBU and invited Mr. Shivaji Paleti, Software Engineer at Tech Mahindra and an environmental activist, as well as the Environment Club Chairperson for the “Rotary Club Tirupati” as chief guest for the ceremony.



NSS Foundation day celebrations

SAMVIDHAN DIVAS Commemorating the Adoption of the INDIAN CONSTITUTION

MBU, Tirupati, conducted Samvidhan Divas with great enthusiasm to honour the adoption of the Indian Constitution on November 26, 1949. This event was organized to emphasize the significance of the Constitution as the cornerstone of Indian democracy and to foster awareness among students about their rights and duties as citizens. The Honourable Provost delivered an inspiring keynote address.



Glimpse of the event

The talk shed light on the historical journey of the Constitution, the contributions of Dr. B.R. Ambedkar, and the democratic framework it established. The speaker emphasized the relevance of constitutional values in addressing contemporary challenges. The Provost and Vice-Chancellor, in their opening remarks, highlighted the vision of the framers of the Constitution and the significance of celebrating this day as a reaffirmation of the democratic ideals of justice, liberty, equality, and fraternity. In the event, Registrar, Dean Student affairs, Faculty and student coordinators participated. Around 600 plus students participated in the activity at MBU.

MBU BLOOD DONATION CAMP-2025

NSS Unit of Mohan Babu University and Sree Vidyanikethan College of Nursing, Tirupati successfully organized the MBU Blood Donation Camp-2025 on 19th March, 2024. The basic motto of Blood bank event is to raise awareness about the importance of donating blood regularly. To educate people about the constant need for blood and how a single donation can save multiple lives. This kind of Blood bank events helps in maintaining a stable and sufficient blood supply. Blood bank events directly benefit patients in need of blood transfusions due to medical conditions, surgeries, or accidents. A well-stocked blood bank can save lives and improve patient outcomes. On an overall, blood bank events play a critical role in maintaining a reliable and safe blood supply, supporting healthcare systems, and saving lives.

BLOOD BANK TEAMS PARTICIPATED		
	NAME OF BLOOD BANK	NO UNITS COLLECTED
1	Sri Venkateswara Ramnarayan Ruia Government General Hospital (SVRRGGH), Tirupati	124
2	Govt. Maternity Hospital, Tirupati	118
3	Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati	109
4	NTR Trust	194
TOTAL No of Units		545



MBU Blood Donation Camp-2025

Nasha Mukt Bharat Abhiyaan

Nasha Mukt Bharat Abhiyaan is glad to inform you that the Abhiyaan is entering its 5th year since its launch on 15 August 2020. On this occasion, Hon'ble Minister for Social Justice & Empowerment, Dr. Virendra Kumar, is called a message to conduct the mass Pledge against Drug Abuse at various parts of India, Schools/ Colleges. The theme for this year's NMBA celebration is: 'Viksit Bharat ka Mantra, Bharat ho Nashe se Swatantra'. Given the vital role you and your organization has played in this Abhiyaan, your participation is crucial.



Nasha Mukt Bharat Abhiyaan banner and pledge ceremony

Swachhta Hi-Seva

The National Service Scheme (NSS) Unit of Mohan Babu University (MBU), in collaboration with the IV B. Tech ECE and EIE students, actively participated in the cleanliness campaign Swachhta Hi-Seva by organizing a community service activity on 25th January 2025. The event took place at the historic Agastheeswara Temple, Mukkoti, located near Chandragiri. The initiative aimed to promote cleanliness, raise awareness about sanitation, and preserve the cultural and historical significance of this revered site.



Activities for Swachhta hi Seva

Cyber-crime awareness program

The students and NSS team of MBU participated in a cyber-crime awareness program organized by the Tirupati District Police at Mahila University, Tirupati, on 04.11.2024. A total of 150 students took part in the program.



Cyber crime security awareness program

Blood Donation Camp organized as part of AP Police Commemoration Day 2024

Students from Mohan Babu University (MBU), along with members of the NSS & NCC, actively participated in the Blood Donation Camp organized as part of AP Police Commemoration Day 2024 at Tirupati. A total of 40 students voluntarily donated blood, contributing towards saving lives and promoting the spirit of social responsibility.



MBU Students and NSS, NCC volunteers are donating the blood during AP Police Commemoration Day 2024

Awareness Program on ANTI-RAGGING

Say NO to Ragging! Ragging is a crime that shatters lives and dreams. It is an inhumane act that has no place in our society or educational institutions. Remember, ragging is not just fun it's a punishable offense with severe legal consequences. Stand up, Speak out, and Stop Ragging! Let's build a campus of respect, kindness, and mutual support. If you or someone you know is a victim of ragging, don't hesitate—report it immediately. Together, we can ensure a safe and welcoming environment for everyone. Zero Tolerance for Ragging. Be the Change!



MBU Anti-Ragging poster and Pledge taken by students

S.V. Zoological Park: Enhancing Conservation through Outreach Activities

Plastic Free drive at SV Zoological Park and recycling of plastics

Mohan Babu University, Tirupati initiated NSS community project at SV Zoological Park, Tirupati; Whereas the Department of Mechanical Engineering began the Community project with a theme of Enhancing biodiversity conservation and wildlife awareness at the zoological park through habitat restoration, animal care education, waste management, and eco-friendly initiatives, fostering environmental responsibility among students and the community.



MBU students plastic free drive

Promoting recycling, waste reduction, and conservation practices within the park

As part of the event, Mechanical Engineering students have played a critical role by collecting waste plastic at SV Zoo, with that creative are made and displayed at the park.

These creations not only showcase the harmful effects of plastic on wildlife but also emphasize the importance of recycling. Eye-catching sculptures, and informational displays created from recycled plastic serve as educational tools and attractions, capturing visitors' attention and inspiring eco-friendly actions. Additionally, the campaign features interactive workshops where visitors can learn about waste management, recycling processes, and practical ways to reduce single-use plastics in daily life. The university and SV Zoological Park hope these initiatives will foster an enduring commitment to environmental responsibility, helping visitors understand that small changes can lead to significant, positive impacts on wildlife and the environment. Through this program, the zoo and university continue to support conservation efforts, turning waste into a powerful vehicle for education and change.



Events for promoting recycling, waste reduction and conservation practices

Tree Plantation at S V ZOO

Tree-planting drives and routine landscaping activities, the MBU students have demonstrated the university's dedication to sustainability. They work closely with park staff to ensure optimal growth conditions for the plants, such as soil enrichment and efficient water use practices, which also help in managing the region's climate conditions. Their efforts contribute to both the aesthetic and ecological value of the park, enhancing visitors' experiencing while fostering deeper respect for nature.



Tree plantation drive

Creating dustbins from waste to motive people to avoid plastic usage



Creation of dustbins from waste

Awareness program on Plastic free along with Rotary club and Plastic free Tirupati Teams:



With a theme of awareness on harmfulness of single use plastic

Swachh Andhra Pradesh' and 'Friends of Forest – Tirupati

On 27th April 2025, the NSS Unit of MBU, in collaboration with the AP State Forest Department and invited by Shri Vivek Anand, IFS (District Forest Officer), participated in the 'Swachh Andhra Pradesh' and 'Friends of Forest – Tirupati' events held at Divyaramam, near the Kapilateertham Temple. The program included a cleanliness drive followed by a mass tree plantation.



NSS volunteers and forest department conducted bulk tree plantation and eradication of plastic waste at Divyaramam, Tirupati

National Cadet Corps (NCC)

For the AY 2024-25 NCC unit of Mohan Babu University has a total of 56 cadets as per the enrolment acquired under 29th Bt. Tirupati Group. Cadets have attended a total of 4 national camps and 5 local camps held by different NCC groups across the nation. Some remarkable achievements by the cadets, Cdt. K Sreenadh, being the highest achiever of MBU, SGT. P Latha and CQSM P Sujith Yadav participated on the Youth Exchange Program (YEP – 2024) at Jaisalmer, Rajasthan. Three cadets have been selected for to perform at the Local Independence Day Parade held at Vijayawada, 15th August 2024 1 Cadet got selected to perform at the Local Republic Day camp on 26th January, 2025. All the students who have attended both 'B' and 'C' certificate exams have qualified to secure their NCC certificates.

S. No	Description	No's
1	Events	1
	Kargil Vijay Diwas	1
2	Practice Drill	220
3	Theory Classes	90
	In-house class hours	30
	PI Staff Class hours	60

Enrollment Details:

S.No.	Description	Cadets		Total
		SD	SW	
1	Continued (2022-23) (a)	41	4	45
2	Enrolled (b)	6	5	11
	Total after withdrawal (a+b)	47	9	56

Camps attended by the Cadets

S. No.	Camp	Students Attended
1	AP Trek II (Araku, Vishakapatnam)	Cdt. Sudheer Yadav Cdt. Sai Lakshman
2	Ek Bharat Shresta Bharat	Cdt. V.Nikitha

S. No.	Camp	Students Attended
	– II, Guntur	Cdt. D.Pallavi Cdt. Pottipati Dhana Sree Cdt. Rowthu Harsha Vardhan Cdt. Sirigidi Sai Cdt. Kumaripalli Thirumala Chari Cdt. V Yaswanth Cdt. B Pradeep Naik Cdt. Ch Sehadri Cdt. S Sai Cdt. U Prudhvi Teja Cdt. R harsha Vardhan
3	LIDC (Local Independence Day Camp), Vijayawada	
4	LRDC (Local Republic Day Camp), Vijayawada	Cdt. Sreenadh B Dinesh (Firing) Y Nikhil (Map Reading) M Sai Lakshman (Obstacle Training) N Manobhiram (Obstacle Training)
5	IGC TSC	J Ramesh Sai Kruthik (Obstacle Training) G Vinay Kumar Reddy (Obstacle Training) G Hari Teja (Obstacle Training) S Tharun Kumar (Firing) K Sreenadh (Map Reading)
6	Pre-TSC	B Dinesh (Firing) Y Nikhil (Map Reading)
7	AAC	CQSM Sujith Yadav
8	AAC	JUO Giri Yadav Cdt. B Madhu Kumar Reddy Cdt. G Hari Teja Cdt. U Prudvi Teja
9	Camel Safari Adventure Camp	Cdt. T Latha CQSM P Sujith Yadav
10	Participation in Guard of Honor Competition “Veera Madarasi” at TN Dr. Ambedkar Law University, Chennai.	Cdt. N Manobhiram Cdt. M Sai Lakshman Cdt. S Sai Cdt. K Sreenadh Cdt. G Hari

S. No.	Camp	Students Attended
		Cdt. Mokshith
		Cdt. Sudheer Yadav
		Cdt. Aravind

Glimpse of events



Cdt. K Sreenadh, one of the finest and achiever of MBUs NCC Unit. He is gone through the Pre-RDC, 2025, He is also nominated as a best cadet in AP & TNCC Directorate, Attended Local Republic Day camp at Vijayawada and participated in the CM Rally on 26.01.2025.



Cadets after winning in the obstacle Training



Cadet in TSC Uniform before in Pre-TSC



MBU Cadets Participating in “Veera Madarasi” at TN DALU, Chennai



Cadets at Combined Annual Training Camp a part of ICG TSC



Cadets selected for the TSC Camp



Cadets at Ek Bharath – Shresta Bharath (EBSB)



Cdt. K Sreenadh and Cdt. Y Nikhil at Map reading winning team at 29th Bt. Tirupati group

SPORTS AND GAMES ACHIEVEMENTS

- Our MBU volleyball team, Football team and Athletics Team participated in the State level IIT Tournament and Stood As winner in volleyball, Football And overall championship in Athletics.



- Our MBU Kabaddi and volleyball team and Athletics Team participated in the State level Hindu College state level tournament and Stood As winner in Kabaddi – runner Volleyball – winner.



- Our MBU Volleyball Team participated in the State level open Volleyball tournament and Stood as Runners out of 80 teams
- Our MBU Kho-Kho Team participated in the State level VVIT tournament and stood as Runners.



- Our MBU Cricket Team participated in the district level Eenadu tournament and Stood Runners in the district.



- Our MBU Kabaddi and basketball, and volleyball team participated in the Zonal level Vigana university tournament and Stood As winners in Kabaddi and Volleyball and runners in basketball.



- Our MBU Kabaddi and basketball women team participated in the State level Adithya university tournament and Stood As runners in Kabaddi and basketball.



- Our MBU basketball women team and Tennikoit team participated in the National level Vignan university tournament and Stood As runners in basketball Tennikoit and we got Long Jump gold 4*100,4*400 long jump men silver medals and shotput men bronze medal.



- Our MBU Volleyball Team participated in the State level Vit University Tournament Stood as Runners in the tournament
- Our MBU Volleyball Team participated in the State level NEC Narasaraopet Tournament Stood as Runners in the tournament



- Our MBU Athletics Team participated in the national level Athletics meet at VIT AP Stood as overall champion in the meet in the tournament.
- Our MBU Handball boys and girls and athletics Team participated in the State level MITS Madanapalli Tournament Stood as boys' winners, girls Runners, and athletics 7 gold and 3 silver medals and 5 bronze medals in the tournament.



- Our MBU Cricket Team, Yoga Team, Athletics Team participated in the national level meet at SRM AP Stood as overall champion in athletics and runners I cricket and 2nd and 3rd place in yoga.



- Our MBU Volleyball Team and basketball men and women Team participated in the State level NEC Nellore tournament and Stood As winners in all the events in the tournament.
- Our MBU Women KHO-KHO team participated in the State level NRI Guntur tournament and Stood As winners in the events.



National Level Participation

1. V. Bharath of 2nd MCA participated in the national level handball championship held at Nasik, Maharashtra.
2. C. Siva Sai Kumar 1st B.Tech participated in the national level All India open badminton championship held at Nalgonda Telangana and secure 2nd position.
3. Jeswanth of 1st polytechnic participated in the 64th national level Karatai championship held at Delhi.
4. A. Vijay Lakshmi of 4thb.tech participated in the 4th national level Karatai championship held at Delhi and secure 2nd position.
5. 3 students participated in the 12th national level throw ball championship held at Kerala and secure 2nd position.

State Level Participation

1. N. Sukesh of 4th B.Tech participated in the 31st State level volleyball championship held at Vijayawada.
2. N. Vanu of 4th B.Tech participated in the 31st State level volleyball championship held at Vijayawada.
3. P. Mohith 1st B.Tech participated in the 1st^t State level Badminton championship held at Guntur.
4. G. Kadharbabu, G. Sudhams, Balaji Naik, Nithan, Shvaling anna, yogesh Roshan, Durga Murali, Manasa of B.Tech and polytechnic participated in the 10th State level U18 & U20 Athletic championship held at Rajamundry and got silver medal.
5. V. Bharath of 2nd MCA participated in the State level handball championship held at Kurnool.
6. R. Dhanush 2nd B.com participated in the State level handball championship held at Kurnool.
7. R. Sravan of 4th B.Tech participated in the 50stJr State level Kabaddi championship held at Kurnool and got silver medal.
8. Vinod of 4th B.Tech participated in the 50stJr State level Kabaddi championship held at Vijayawada.
9. K. Shivalinganna, P. Venkata Ramana, M. Pavan Kumar Naik, J. Tharun Naidu, G. Ajay, G. Purna Prakash, Manasa of Polytechnic Student participated in the 31st State level IPTSG Athletic championship which going to held at Srikakulam.
10. G. Sathvika of 1st B.Tech Participated in state level skating championship held at Kakinada and Got bronze medal.
11. R. Sravan of 4th B.Tech participated in the 25th Sr State level Kabaddi championship held at Nandala, Kurnool.
12. Vinod of 4th B.Tech participated in the 25th Sr State level Kabaddi championship held at Nandala, Kurnool.

JNTUA And SV Level Participation

1. Tharun Kumar of 4th B.Tech participated in the South Zone Interuniversity Chess championship held at SRM University.
2. N. Sudheer of 4th B.Tech participated in the South Zone Interuniversity Cricket championship held at Madras University.
3. N. Sukesh of 4th B.Tech participated in the South Zone Interuniversity Softball championship held at Chandigarh University.

CAREER DEVELOPMENT

CAREER DEVELOPMENT CENTRE (CDC)

At MBU, the CDC has built a strong reputation for attracting a wide range of reputable companies for campus placements. In preparing students for their careers, the CDC ensures that educational programs are aligned with current industry demands, equipping students with the relevant skills and knowledge required in today's competitive job market. Beyond academics, the CDC focuses on developing a diverse skill set, offering workshops, resources, and guidance on areas such as resume building, interview preparation, and other vital aspects of professional growth.

Industry Internships

The institute offers students the opportunity to take part in industry internships ranging from three to six months, without interfering with academic activities. Undergraduate and master's students can pursue these internships during the summer (May to July) or in their final semester.

S. No.	Name of the Internship	Count of Students
1	Aws Data Engineering	555
2	Aws Cloud	466
3	Google Android Developer	458
4	Google Ai-ML	410
5	Aws Ai-ML	342
6	Microchip Embedded System Developer	218
7	Java Full Stack Developer	196
8	Palo Alto Cybersecurity	178
9	Web Full Stack Developer	173
10	Altair Data Science Master Virtualâ Internship	122
11	Google Cloud Generative-Ai	90
12	Alteryx Data Analytics Process Automation	86
13	Python Fullstack Developer	76
14	Ansys Electromagnetic Analysis	63
15	Juniper Networking Cloud	49
16	Zscaler Zero Trust Cloud Security	39
17	Ethical Hacking	27
18	Fortinet Network Security Associate	25
19	Employability Skill Job Ready	19
20	Uipath Rpa Developer	18
21	Celonis Business Analyst	17
22	Ansys Structural Analysis	15
23	Celonis Process Mining	15

S. No.	Name of the Internship	Count of Students
24	Blue Prism Intelligent Automation	12
25	Juniper Networking	12

Industry Interaction Events

The Career Development Centre (CDC) organizes various events to connect students with industry leaders through seminars, guest lectures, and workshops. Senior professionals, including Delivery Heads and Chief Technology Officers from leading companies like Google, Amazon, Microsoft, Adobe, and TCS, are invited to engage with students and share valuable insights.

Additionally, the CDC invites alumni in senior leadership roles to mentor students, guiding them through the hiring process. This mentorship helps the CDC enhance its programs to better meet current industry needs.

Certifications

The CDC at MBU offers a range of industry-relevant certifications in fields like computer science and core engineering, enhancing student employability by equipping them with advanced skills.

Students are encouraged to pursue certifications through industry leaders such as AWS, Cisco, SAP, Salesforce, ServiceNow, Google Cloud, Microsoft, Oracle, Juniper, Palo Alto, Catia, SolidWorks, BIM, Revit, Microchip, VLSI Design, and others.

Global Certifications Achieved by Students:

S. No	Name of Certification	Global Certification Completed
1	ServiceNow Certified Application Developer	70
2	ServiceNow Certified System Administrator	63
3	AWS Cloud	30
4	Google Cloud	40
5	Salesforce	30
Grand Total		154

Top Placements

The Career Development Centre (CDC) has collaborated with over 100 companies for on-campus placements, providing students with access to prestigious job opportunities. Leading companies such as Google, Amazon, and Yugabyte are offering top-tier salary packages, with Google providing a salary of 60 LPA, Amazon at 44 LPA, and Yugabyte at 40 LPA.

The diverse range of companies recruiting from the campus reflects the CDC's success in addressing the varied interests and skill sets of students, ensuring they are well-prepared for roles across multiple industries.

Branch wise Placement Statistics - Academic Year: 2024-25

Engineering	261	46	48	87	34	84	38	29	30	116	84	25	65	50	88	70	153
	CSE	CSE (AI)	CSE (DS)	AI & ML	CS BS	CS SE	IOT	Cyb. Sec	CS D	ECE	EEE	EIE	IT	CE	ME	MCA	BCA
Non-Engineering		159		12		25		9		33		109		347			
		MBA		BBA		B.Com		B.Sc		Dip		Pharm		Total			

Company wise list – Engineering

S. No	Name of the Company	No. of Students Selected	CTC offered (in Lakhs)
1	Academor	15	4
2	Accenture	213	4.58
3	Anasol Consultancy Services	7	5
4	AT&T	1	16
5	Blowfish Media Technology	1	9
6	Brand4Brands	25	4.2
7	BSCPL	3	4
8	Capsitech	8	6
9	Cognizant	85	6.75
10	Corizo	2	4
11	Darwinbox	1	16.3
12	Deloitte	10	4.5
13	DeltaX	1	7
14	Dhee Coding Lab	16	3
15	Edu-versity	21	6.5
16	EdZeeta	8	4
17	Efftronics	3	5.3
18	Fujitsu (Servicenow)	7	5
19	Gangaaram Technologies	18	3
20	Global Quest Technologies	12	4.4
21	HashedIn Technologies	1	8.1
22	Hashira Works	1	7
23	HSBC	7	9

S. No	Name of the Company	No. of Students Selected	CTC offered (in Lakhs)
24	iEnergizer	1	3
25	Infosys	169	9.5
26	Infosys (Servicenow)	5	4.45
27	Innomate	1	15
28	Internsup Innovations	3	6
29	Internsveda	33	3.5
30	ISUZU	1	5
31	JP Morgan Chase	1	19.75
32	JSW	18	4.67
33	Justdial	1	2.76
34	KIA Motors	49	2.4
35	Kodnest	1	4.8
36	KPMG India	1	5
37	LTIMindtree	100	4
38	Lumen Technologies	3	7.1
39	Medha Servo	1	5.16
40	MEIL	97	5
41	NVNL Constructions	2	3
42	Nxtwave	1	5.6
43	o9 Solutions Management India	1	9
44	Ontario IT Networks LLC	1	6.8
45	Outlook Group	96	5.6
46	Palle Technologies	57	5.5
47	Playbytes	3	4.5
48	Qspiders	21	4.8
49	Regami Solutions	4	4.5
50	Reliance Industries	7	7.5
51	Rinex Technologies	95	7
52	Shree Abirami Enggineering Works	5	3
53	SkillForge	3	4.86
54	SmartFalcon	2	4
55	Softsuave Technologies	8	3.5
56	Sundram Fasteners Ltd	25	3
57	Tantrgyaan Solutions	3	3.8
58	TCS(Servicenow)	3	7
59	Teachnook	9	4

S. No	Name of the Company	No. of Students Selected	CTC offered (in Lakhs)
60	Tejas Networks	1	10
61	VEDA IIT	1	9
62	VEM Technologies	3	4
63	Wipro (Servicenow)	2	3.5
64	Talent-Trek E-Learning	21	4
65	Sobha Ltd.	6	3
66	Vienna IT Networks	1	6.69
67	IamNeo	1	3
68	Infinity Learn	4	3.5
69	HCL Technologies	1	4
70	TCS (Salesforce)	3	3.36

Company wise list – Non-Engineering

S. No	Name of the Company	No. of Students Selected	CTC offered (in Lakhs)
1	Academor	2	4
2	AGS Health	48	2.7
3	AIM India Corp	21	4
4	Anasol Consultancy Services	1	5
5	Brand4Brands	9	4.2
6	Corizo	3	4
7	Edu-versity	1	6.5
8	EdZeeta	7	4
9	Effigo	1	6
10	Indian Healthcare BPO	38	2.4
11	Internsup Innovations	1	6
12	Internzvalley	15	5
13	Ki-Tech	44	4.2
14	Omega HMS	23	2.5
15	Outlook Group	17	5.2
16	ProSpiders	30	4.8
17	Quess Corp Ltd.	4	3
18	SkillForge	26	4.86
19	SmartED	3	4
20	Teachnook	9	6
21	Talent-Trek E-Learning	4	4
22	AU Small Finance Bank	2	4.36
23	TCS NQT (General)	5	5.88

ACCREDITATIONS

ACCREDITATION & RANKING

- Mohan Babu University's (MBU) commitment to fostering innovation is exemplified by its achievement of a 3.5-star rating from the Ministry of Education's Institution's Innovation Council (IIC). This recognition highlights the university's strong innovation ecosystem, which promotes creativity, entrepreneurship, and industry partnerships. By encouraging students and faculty to participate in innovative projects, MBU continues to make significant contributions to the nation's progress in science, technology, and innovation.



Certificate from Ministry of Education's Institution's Innovation Council (IIC)

- In the National Institutional Ranking Framework (NIRF) 2024 rankings, MBU secured a position in the 201–300 band for Engineering, reaffirming its status as a leading institution in technical education. This accolade underscores the university's dedication to offering state-of-the-art facilities, a dynamic curriculum, and exceptional learning experiences for its students. These achievements collectively demonstrate MBU's comprehensive approach to education, blending sustainability, innovation, and academic excellence.
- MBU's steadfast focus on sustainability, innovation, and academic excellence has earned it a place among the top institutions in the Sustainable Institutions of India Green Rankings 2024. This recognition reflects the university's eco-conscious initiatives and commitment to environmental responsibility, further establishing its leadership in fostering a greener and more sustainable future.

MoUs

MOUS SIGNED

MoUs with Industry\Universities\Organizations\Hospitals\NGOs

SN	Collaborator Details	MoU Date	Validity (in Yrs.)
Universities			
1	St. Petersburg University – Russia	20-Sep-24	3
2	Missouri University - USA	29-Oct-24	2
3	Taylor's University - KL, Malaysia	08-Jan-25	2
4	Penn State University - USA	15-May-25	5
Industries/Organizations			
1	Smart Nuts and Bolts	01-Jul-24	5
2	STEP - The Hindu Group	10-Jul-24	1
3	Coderkytes Training & Placements Pvt. Ltd.,	10-Jul-24	1
4	Coursera	12-Aug-24	3
5	Excelr Edtech Pvt. Ltd., - WS	16-Aug-24	3
6	Singhania & Co.LLP-E2 FA Foundation	23-Aug-24	3
7	Sivaram Barrel Industries	01-Sep-24	5
8	Springer Science Journal	03-Sep-24	1
9	IUCEE Foundation	15-Sep-24	1
10	KRM-SERB-SSY	17-Sep-24	1
11	Foppel Drone Tech	04-Oct-24	5
12	GLO LED Pvt Ltd	05-Oct-24	5
13	Thai Green Power Solutions Com. Ltd.	05-Oct-24	5
14	I & T Labs	07-Oct-24	5
15	K.V. Associates	07-Oct-24	5
16	Khethari Agro - Tech	18-Oct-24	5
17	RRR Cloud Solutions Pvt Ltd	18-Oct-24	5
18	Institute Of Management and Foreign Studies (IMFS)	28-Oct-24	5
19	Cranes Varsity Pvt Ltd.,	14-Nov-24	5
20	Skyrider Aero Solutions	18-Nov-24	5
21	Bharathi Seeds Pvt Ltd.,	23-Nov-24	5
22	Nasscom - IT-ITes Sector Skills Council	11-Dec-24	3
23	Ciel Skills and Careers Pvt Ltd.,	08-Jan-25	5
24	Avisa Global Solutions Pvt Ltd.	27-Jan-25	1
25	Artificial Intelligence Medical & Engg. Researchers Society - AIMERS	28-Jan-25	5
26	National Institute of Technical Teachers Training & Research - NITTR	30-Jan-25	3
27	L&T Edu Tech - Self Paced Online Courses	13-Feb-25	0
28	GlocalEd	26-Mar-25	3
29	Meritto	25-Feb-25	1
30	Leosphere Innovations & Research Pvt Ltd., (LIRPL)	15-May-25	1.5
31	National Institute of Electronics & Information Technology - NIELIT	06-Jun-25	3
32	AgileSkill	20-Jun-25	5
Hospitals			
1	Sri Maruthi Hospitals LLP and Sri Maruthi Hospitals LLP - 200 beds	29-Aug-24	30
2	Amara Hospital - G2 Healthcare Pvt Ltd – 120 beds	03-Aug-24	10

SN	Collaborator Details	MoU Date	Validity (in Yrs.)
3	Yash Hospital	24-Oct-24	5
4	Omega Hospital	24-Oct-24	5
5	Anukara Hospital for Women & Children - Allied Sciences	06-Nov-24	5
6	Sekhar Physiotherapy Hospital	20-Dec-24	5
7	Aster Narayanadri Hospital	22-May-25	5
NGOs			
1	People's Action for Social Service	26-Nov-24	5
2	Arundhathi Foundation	26-Nov-24	5
3	Bharatiya Janatha Health Forum - BJHF	26-Nov-24	5
4	Margadarshi	26-Nov-24	5
5	Youngminds Technology Solutions Pvt. Ltd	30-Nov-24	5
6	International Human Rights Protection Commission	01-Dec-24	5
7	Kalam Trust	04-Dec-24	5
8	Swarnamukhi Women Mutually Aided Co-operative Society Ltd	11-Dec-24	5
9	Amma Charitable Trust	13-Dec-24	5
10	Aadhar Foundation	19-Dec-24	5
11	Sri Padmavathi Mahila Abyudaya Sangam	24-Dec-24	5
12	Rashtriya Seva Samithi - RASS	05-Feb-25	5
13	AP Mahila Abhivruddhi Society - APMAS	06-Feb-25	5
14	Financial Inclusion & Rural Entrepreneurship Development & Promotion Trust	20-Feb-25	5
15	The Institute of Cost Accounts of India - ICWAI	21-Mar-25	5
16	Consortium E - Learnig Network Pvt Ltd.	17-May-25	5

FACULTY ACHIEVEMENTS

FACULTY ACHIEVEMENTS

As an Individual

Prof. A. Srinivasulu – Stanford/Elsevier Top 2% Scientist

Featured among the top 2% scientists globally by Stanford University and Elsevier, in recognition of his impactful and high-quality research contributions that have significantly advanced his field.

Dr. C. Venkata Sudhakar – I2OR Academic Excellence Award & Fellowship

Awarded the International Academic Excellence Award 2024 and honored with a Fellow Membership by I2OR, India—a government-registered MSME—for his distinguished academic achievements and research excellence.

Dr. H. D. Praveena – Journal Reviewer Recognition

Recognized for her active contributions as a reviewer for e-Prime, Discover Computing (Springer), and Advances in Science, Technology and Engineering Systems Journal. Her commitment to scholarly peer-review enhances the quality of global research publications.

Dr. M. Dharani – Reviewer & Excellence Certificate

Served as a reviewer for the ICCIGST-2024 Conference, Asian Journal of Medical Principles, and IJRAS. Awarded a Certificate of Excellence for her consistent and insightful contributions to academic reviewing.

Dr. N. Sudhakar Reddy – Best Young Researcher Award

Received the Best Young Researcher Award during the IDEA 2024 International Award Ceremony on Independence Day. Recognized for his promising and innovative research contributions in his field of study.

Dr. P. V. Ramana – Academic Council Membership

Currently serving as a Member of the Academic Councils at Anantha Lakshmi Institute of Technology and Sciences and Sree Rama Engineering College, where he plays a vital role in shaping academic policies and governance.

Ms. N. P. Dharani – Board of Studies Member

Appointed as a Board of Studies (BOS) Member at VEMU Institute of Technology, acknowledging her subject expertise and academic leadership in curriculum development.

Ms. K. Praveena – Reviewer & Technical Committee Member

Actively contributed as a Reviewer for the 5th Congress on Intelligent Systems (CIS 2024) at Christ Deemed University and as a Technical Committee Member for ICCIS 2024, significantly enhancing the peer-review process of international conferences.

Dr. D. Ganesh – Research Excellence Award

Honored with the Research Excellence Award by Scientific International Publishing House. Recognized for outstanding contributions and innovation in research.

Dr. C. Anitha – Best IPR Holder Award

Awarded by Scientific International Publishing House for exemplary work in intellectual property rights. Acknowledged for fostering innovation through patents and IP contributions.

Dr. K. Hari Krishna – IEI NMLC-FCRIT Excellence Award

Received the IEI NMLC-FCRIT Excellence Award from F.R. C. Rodrigues Institute of Technology, Vashi. Recognized for academic and professional excellence in engineering education.

Dr. K. Hari Krishna – Excellence in Education Award

Bestowed by the Star International Foundation for Research and Education (SIFRE), Namakkal, TamilNadu. Celebrated for impactful teaching methodologies and dedication to education.

Mr. D. Siva Kumar – Academic Excellence Award

Honored by Scientific International Publishing House. Recognized for excellence in teaching, mentoring, and academic contributions.

Mr. A. Basi Reddy – Best Paper Award

Received at the International Conference on Embracing the Digital Horizon, Mettala, and Tamil Nadu. Awarded for presenting an AIML-based Automated HR Management System.

Mr. A. Basi Reddy – Best Paper Award

Presented at the same conference for developing a chatbot system supporting payment applications in customer service. Recognized for enhancing user interaction and service automation.

Mr. A. Basi Reddy – Best Paper Award

Honored for his paper on implementing a micro service framework for IoT-based management platforms and AI-driven supply chain integration. Commended at the International Conference on Embracing the Digital Horizon.

Mr. A. Basi Reddy – Academic Excellence Award

Awarded by Scientific International Publishing House for academic dedication and scholarly output. Acknowledged for combining research and academic performance.

Dr. S. Dilli Babu – International Outstanding Academician of the Year

Recognized by the International Science, Technology & Research Awards Congress, Trichy, and Tamil Nadu. Awarded for global academic impact and excellence in teaching and research.

Mr. Patan Firdoez Khan – Academic Excellence Award

Presented by Scientific International Publishing House. Acknowledged for consistent academic performance and dedication to student success.

Dr. B. Vishnu Vardhana Naidu – Distinction Award

Received the Distinction Award for scoring 94% in the IUCEE International Educator Certification Programme (Spring 2024). Awarded by IUCEE Foundation & International Society for Engineering Education (IGIP), Austria.

Dr. B. Vishnu Vardhana Naidu – Certificate of Appreciation

Honored for mentoring and grading contributions to the IUCEE International Educator Program. Appreciated by IUCEE & IGIP, Austria.

Dr. N. Manikandan – Stanford/Elsevier Top 2% Scientist

Listed in the globally prestigious Top 2% Scientists by Stanford University and Elsevier for 2024. Recognized for influential research contributions and publication impact.

Dr. K. Lakshmi Kala – Best Paper of the Technical Session

Awarded for her paper on Jute/Epoxy composites with g-C3N4 particles at the International Conference on Sustainable Energy Materials. Organized by MLR Institute of Technology, Hyderabad (13–14 Sept 2024).

Dr. B. Vishnu Vardhana Naidu – Expert Speaker

Delivered an expert talk titled “Insights from Indian Entrepreneurs” at Adhi College of Engineering and Technology, Tamil Nadu. Recognized on 09 November 2024 for his contribution to entrepreneurial awareness.

Dr. T. Hariprasad – Keynote Speaker

Served as a Keynote Speaker at ISERT 2024, organized by LAESCUELA Education, Dubai (20–23 Dec 2024). Appreciated for his expertise and academic insights on interdisciplinary research.

Dr. S. Ragu Nathan – Author, National Welding Seminar

Presented as an author at National Welding Seminar 2024 on Welding, Cladding & Additive Manufacturing (AWCAM), IIW, Jamshedpur. Contributed between 12–14 Dec 2024 with technical research findings.

Dr. B. Vishnu Vardhana Naidu – Appreciation Prize

Mentored the V Hub student team that won ₹5,000 at Anveshana Hyderabad 2025, held at Vishweshwaraiah Bhavan. Recognized for impactful mentoring, in collaboration with Samsung (7–8 Feb 2025).

Dr. B. Hemanth Kumar – Research Incentive Reward

Assoc. Prof/EEE, Dr. B. Hemanth Kumar, was honored with the Research Incentives Reward during the Faculty Award Ceremony-2024, held on 26.03.2025, acknowledging his significant contributions to research and innovation.

Dr. E. Parimalasundar – Research Incentive Reward & Stanford Top 2% Scientist

Prof/EEE & Dy. Dean (Research), Dr. E. Parimalasundar, received the Research Incentives Reward during the Faculty Award Ceremony-2024 on 26.03.2025. Additionally, he is recognized among the Top 2% Scientists globally by Stanford University in the domain of Electrical and Electronics Engineering, reflecting his global research impact.

Mr. B. V. Sai Thrinath – Research Incentive Reward

Asst. Prof/EEE, Mr. B. V. Sai Thrinath, was awarded the Research Incentives Reward during the Faculty Award Ceremony-2024 held on 26.03.2025 for his research excellence.

Dr. B. Hemanth Kumar – Stanford Top 2% Scientist

Dr. B. Hemanth Kumar, Assistant Professor in the EEE Department, was listed among the Top 2% Scientists in the world as per Stanford University's 2024 ranking in the field of Electrical and Electronics Engineering.

Dr. Rajasekar Thota – NPTEL Certifications

Successfully completed the 12-week NPTEL course “Machine Learning for Engineering and Science Applications” and earned the Elite + Silver certification. Also received FDP certification for the course “Data Analytics with Python” (Jan–April 2025) under NPTEL-AICTE.

Mr. Busireddy Hemanth Kumar – NPTEL Course Completion

Completed a 12-week NPTEL course titled “Computer Networks and Internet Protocol” during Jan–Apr 2025, showcasing commitment to continuous professional development.

Dr. E. Parimalasundar – FDP Course Completions (NPTEL-SWAYAM)

Completed the following certified FDP courses during Jan–Apr 2025:

- “Introduction to Soft Computing” (8 weeks)
- “Blockchain and Its Applications” (12 weeks)
- “Cloud Computing” (12 weeks)

Dr. Busireddy Hemanth Kumar – Reviewer Recognition

Received official recognition for his significant contribution as a reviewer for the 2025 IEEE NE-IECCE, held from 4–6 July 2025, organized by the IEEE IAS Kolkata Section and Silchar Subsection, NIT Silchar.

Dr. Niyaz Hussain A M J – Excellence in Leadership Award

Honored for his exemplary contributions to the field of academics at SNS Institutions under the 1st Gen AI Design Thinking Framework. This award reflects his leadership, innovation, and commitment to educational excellence.

Faculty Upgradation

Dr. S. Lakshmi Narayana – Ph.D. Awarded

Earned his Ph.D. in Optimization and Natural Fibre Composites from VIT, Vellore. Now designated as Associate Professor in Mechanical Engineering.

Dr. K. Lakshmi Kala – Ph.D. Awarded

Completed her Ph.D. on Machining of Fibre Metal Laminates from JNTUA, Ananthapur. Promoted to Associate Professor for her academic advancement.

Student Mentoring

Shamitha Sree – Gold Medal Recipient

Shamitha Sree, a student from the 2024 EEE batch, received a Gold Medal from renowned actor and director Prabhu Deva during the 33rd Annual Day Function held on 19.03.2025, in recognition of her outstanding academic achievements.

Academic Promotions

Dr. T. Hariprasad – Vice-Principal (2nd Shift Polytechnic)

Appointed Vice-Principal of 2nd Shift Polytechnic at Sree Vidyanikethan Engineering College, Tirupati. Transitioned on 30 July 2024 in recognition of leadership skills.

Dr. T. Hariprasad – Head (In-charge), Mechanical Engineering

Received transition order as Head (In-charge), Mechanical Department, School of Engineering, MBU. Appointed on 28 April 2025.

Dr. P. Thejasree – Deputy Dean (Student Affairs)

Promoted as Dy. Dean for Student Affairs at School of Engineering, MBU, Tirupati. Transitioned on 13 June 2025 for leadership in student engagement.

Dr. K. Lakshmi Kala – Deputy Dean (Academics)

Appointed as Dy. Dean (Academics), School of Engineering, MBU, Tirupati. Effective from 13 June 2025 in recognition of academic planning skills.

Dr. R. L. Krupakaran – Deputy Dean (Planning & Monitoring)

Promoted as Dy. Dean (Planning & Monitoring), School of Engineering, MBU, Tirupati. Effective from 26 June 2025 for institutional planning and development leadership.

R & D

RESEARCH AND DEVELOPMENT

Summary

SN.	Category	Qty.
1	Government Sponsored Projects	4
2	Industrial Sponsored Projects	10
3	Articles Published in Journals	406
4	Book Chapters Published	110
5	Articles Presented in Conferences	602
6	Patents Filed/Published/Granted	93

Government Sponsored Projects

Name of the PI and CO-PI, Department	Title of the R&D Project	Funding Agency	Sanction Order Number	Budget (In Lakhs)	Duration
PI: Dr.Narendra Kumar Rao, CO-PI: Dr.P.Vishnu Prasanth	Nurturing Young Minds with Foundation in Artificial Intelligence and Data Science; Awareness approach for region of Chittoor District	DST	CO/B/FP/G1 42/2021	22.60	1 Year
PI: Dr.J. Avanija Dr. Gurram Sunitha	CloudGyan Creating Awareness on Foundations of Cloud Computing Platforms for Nurturing Innovation in Young Minds- For the Region of TIRUPATI District"	DST	CO/B/FP/G6 4/2022	22.90	1 Year
Dr. M. Sunil Kumar- PI Dr. V. Anantha Nataraja- CO-PI	Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES)	AICTE	10-90/ ATCTE/ tDCISPICES /2020-2L	1	1 year
Dr B. Eswari	Creating Awareness of Basic Science through Science fair among rural and semi-urban schools in Chittoor Dist.	DST	CO/A/FP/E171 /2021(G)	22.20	2023-24

Industrial Projects

Name of the PI and CO-PI, Department	Title of the R&D Project	Funding Agency	Date of sanction	Project Cost (in Lakhs)	Duration
Dr. S. Ragu Nathan, Professor	Establishment of process parameters and WPS for fabrication of AA6061 form panels using friction stir welding process for constructional applications	R.V. Machine Tools, Coimbatore	04.08.2023	15.45	2 years
Dr. K. Ramani Professor	Nutrition based Food Recommendation system	ISree Research Software Development Labs Pvt. Ltd	01.11.2023	09	5 months
Dr. K. Ramani Professor	IoT Lab Establishment	Efftronics System Pvt. Ltd. Vijayawada, AP	04.08.2023	2.7	1 Year
Dr. A. Yasmine Begum & Dr. M. Balaji	Design and Development of Dual Axis Solar Tracker for Performance Improvement of Solar Photovoltaic panels	Transcendent Energy Tech Solutions Pvt. Ltd.	06-04-2024	8.13	1 Year
Dr. M. Dharani	Design and implementation of Smart home using Internet of Things	KV Associates	10-02-2024	6.2	1 Year
Dr. M. Dharani	Integration of sensors into windows and doors for implementation of smart home	VK Enterprices	24-02-2024	8.6	1 Year
Mr. N. Anil	Develop a system for identification waste and classify	I & T Labs	31-03-2024	15	2 Year
Dr.M.S. Sujatha Dr.E.Parimala Sundar	Hydrogen Production Through Electrolysis By Using Solar Energy	NIRVANA SOLAR	24.11.2023	25	
Dr. V.Arun Dr. T. Devaraju Dr.MS. Sujatha	Future Trends and Opportunities in Smart LED Integration Technology	GLO LED, Pvt Ltd	23.02.2024	25	08 Months
Dr. P. Prakash, Assoc. Professor	Defect prevention mechanism for seam Welding of Cold Rolled-Close annealed Mild steel-Barrel manufacturing	M/s Sivaram Barrel Industries, Renigunta, Tirupati	December 2023	14	1 year

Articles Published in Peer Reviewed Journals

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- [10] Singh A.R. Kumar R.S. Madhavi K.R. Alsaif F. Bajaj M. Zaitsev I. "Optimizing demand response and load balancing in smart EV charging networks using AI integrated

blockchain framework", *Scientific Reports* vol. 14, no. 1, 2024, doi: 10.1038/s41598-024-82257-2.

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Patents

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2. 202141007324: A Smart Wearable Travel Support System for Supervising Visually Impaired People

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2. 202441013953: A System and Method for Multilingual OCR with Audio Output from Images and PDFs
3. 202441010604: A Formulation of Azithromycin Loaded Microemulsion For Bacterial Infections
4. 202441014887: An Automated System for Text Categorization And Emergency Response
5. 202441023754: A Wearable Device for Real-Time Object Detection and Recognition to Assist Visually Impaired Individuals
6. 202441025728: A Metallic Nanoparticles-Incorporated Cubosomal Gel and a Method thereof
7. 202441045261: A Method of Analyzing the Image Quality Computation Models Using Convolution Neural Network (CNN)
8. 202441045495: An AI based Human Emotion Responding Toy
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10. 202441046923: A System and Method to Predict Diabetes with Machine Learning Techniques
11. 202441048191: A Chewing Gum Composition for Herbal Teeth Gum
12. 202441050443: A System and Method for Emotion Recognition Using Speech Based on Deep Neural Networks (DNNs)
13. 202441050451: An Integrated Smart Wardrobe Management System with IoT and A Method Thereof
14. 202441050457: Efficient And Low Cost Energy Generation For Soldier Support During Jungle Operation

15. 202441052902: A Method for Preparing A Wound Healing Composition Based on Mupirocin-Loaded Collagen Hydrogels
16. 202441054841: A Method for Detecting Accident Prone Area Based on Potholes Using Image Processing Algorithms
17. 202441059413: A Fire Sensing System Based On Real-Time Data Processing Using Machine Learning
18. 202441059412: Coconut Harvesting Device
19. 202441071976: A Real-Time DCT-Based Frequency Modulated Hearing Aid for Elderly with Optimized Gain Adjustment and Clarity
20. 202441072322: AgriTech Precision Management System
21. 202441078082: A Voice-Activated Assistive Device For The Blind And Visually Impaired Persons
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23. 202441078841: An Asymmetric Switched Capacitor Multilevel Boost Inverter for Renewable Energy Applications
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25. 202441079179: A System For Detecting And Alerting The Accidents Using Lora Communication
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28. 202441080156: An Automatic Street Light Control System
29. 202441080849: A System And Method For Detecting Android Malware In A Machine Learning System
30. 202441080873: A Real-Time Mask Detection and Thermal Scanning System Using Deep Learning
31. 202441085305: A Method For Evaluating Anti-Parkinson's Activity Of Lantana Camara Leaf Extracts In Wistar Rats
32. 202441085333: A Device For Assisting Blind And Visually Impaired Individuals Using Augmentative And Alternative Communication
33. 202441085361: A Health Monitoring System For Mine Truck Drivers And A Method Thereof
34. 202441087251: A Sun-Powered Tactical Uniform for Soldiers in Military Applications
35. 202441087256: A Single-Source Thirteen-Level Inverter (Sstli) System for Solar PV Applications
36. 202441087529: A Digital Signal Processing (DSP) Processor Optimized For 64-Bit Operations

37. 202441087538: A Method For Preparing Rebamipide-Loaded Nanoparticles In A Nanoparticle Drug Delivery System
38. 202441088037: A System and Method for Gesture-Based Virtual Input Using Real-Time Hand Tracking and Recognition
39. 202441088163: A Wearable Gesture-To-Speech Translation System And A Method Thereof
40. 202441088675: A System and Method for Brain Tumor Detection Using MRI Image Segmentation
41. 202441088700: A Multi-Layered Electric Exhaustive Duster Device
42. 202441089483: A Switched Capacitor 25-Level Inverter (Sc25li) System For Solar Power Applications
43. 202441089435: An IoT-Enabled VLC-Based Smart Home and Industrial Automation System Utilizing Node MCU Microcontrollers.
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45. 202441092116: A Method For Synthesizing Silver Nanoparticles Using Anisomeles Malabarica Plant Extract
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50. 202441097176: A Wi-Fi Based Smart Wireless Sensor Network (WSN) for Monitoring Agricultural Climate
51. 202441097209: A Reconfigurable Multilevel Inverter for Renewable Energy and Electric Vehicle Applications
52. 202441097239: A System And Method For Classifying Chronic Kidney Disease (CKD)
53. 202441097707: A Method For Preparing Cubosome Gel
54. 202441097710: A Method For Preparing Silver Nanoparticles - Based Liposomes
55. 202441098711: An Augmented Reality-Based Laboratory System For Smart Learning
56. 202441098713: A System And Method That Efficiently Detects Forged Numerals In Handwritten Documents
57. 202441001275: Implementing a Big Data-Driven Human Resource Management System, (HRMS) to Protect Sensitive Business Data
58. 202441050903: Three Phase Bidirectional meter Interconnected to the Grid with Monitoring of Electrical Energy Generation from a Panel- Microinverter Set
59. 202441023387: Novel Communication Protocol Utilizing Machine Learning Algorithms For Efficient Spectrum Sensing And Dynamic Spectrum Access in Cognitive Radio Networks

60. 202441094367: Advanced Language Model Techniques for Real-Time Intelligent Content Creation
61. 202441093854: Artificial Intelligence-Based Scalable Method and System for Text and Media Generation
62. 202441015548: Dynamic Image Processing System Employing Convolutional Neural Networks for Real-Time Object Recognition and Classification in Autonomous Vehicles

Design Patent Granted

1. 6369888: Device For Electricity Generation From Wastewater Treatment
2. 6372287: Boiler with Hybrid Power System
3. 6396815: Smart Voice Assisted Computer Device for Visually Impaired Students
4. 6402876: Plant Extract Analysing Device To Identify Disease
5. 6402877: AI-Powered Autonomous Solar Vehicle
6. 6402878: AI-Driven Agricultural Robot For Precision Seed Dispensing
7. 6402879: Foldable E-Scooter
8. 6402880: AI-Powered Drone For Real-Time Plant Monitoring
9. 6402881: Battery-Powered Golf Buggy
10. 6402882: Portable Soil Quality Analyzer
11. 6402883: Plant Growth and Health Assessment Device
12. 6402884: Renewable Power System Optimizer
13. 6402885: Solar Powered Charging Station For Electric Vehicles
14. 6406002: AI Based Device For Detection Of Neurological Disorders
15. 6408633: Wearable ECG Monitoring Device with Bluetooth Connectivity

Design Patent Published

1. 416056-001 :Coconut Harvesting Device
2. 416067-001 :Experimental setup for Pullout Test on Granular Anchors (GPA)
3. 416075-001 :Compatible Filament Guide with Gripper for Direct Drive 3d Printer
4. 375463-001: Experimental Setup for Oblique Pullout test On Geosynthetic Reinforced earth Structures
5. 407736-001: Contactless Thermal Scanning System for Security
6. 406764-001: Vendors Cart with Solar Powered Mist Spraying System
7. 416632-001: Portable Medical Device For Estimation Of Duodenal Ulcer
8. 410452-001: An AI Based BP Monitoring Device Using EKG Technology
9. 404741-001: WIFI Projector
10. 421143-001: Device for Testing integrated Circuits
11. 417487-001: Smartwatch for Blood Pressure Control
12. 424555-001: Adjustable Intravenous Stand
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14. 14669/2024-CO/L: Nano Engineering Concepts in Tribology

INSTITUTIONAL EVENTS

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Annual Day - 2025

The Annual Day celebrations at Mohan Babu University were held on March 19, 2025, with the objective of reflecting on the activities and achievements of the academic year 2024–25.

The event commenced with a ceremonial NCC Guard of Honour, escorting the dignitaries from the Administrative Building to the dais. Distinguished guests included Chancellor Dr. M. Mohan Babu, Pro-Chancellor Mr. Vishnu Manchu, Executive Director Mr. Vinay Maheswari, Provost Prof. Nagaraj Ramrao, Vice Chancellor Prof. K. Karunakaran, Registrar, esteemed Guests of Honor, Deans, and other invited dignitaries.

The program began with a soulful prayer song followed by a graceful invocation dance. Prof. Nagaraj Ramrao, Provost of MBU, introduced the university's leadership team. This was followed by the Annual Report presentation by Prof. K. Karunakaran, Vice Chancellor, highlighting the university's key milestones and accomplishments over the year.

Distinguished guests addressed the gathering, inspiring the students to strive for excellence, remain dedicated to their goals, and uphold core values such as respect for parents and teachers.

With an overwhelming attendance of over 14,000 students, the event was brimming with energy and excitement. The vibrant cultural performances by students showcased their diverse talents, bringing colour and enthusiasm to the celebration.

Special guests who graced the occasion included:

- Padma Shri Awardee Dr. Madugula Nagaphani Sarma, renowned scholar and orator
- Mr. R. Sarathkumar, acclaimed film producer and actor
- Padma Shri Awardee Mr. Prabhu Deva, iconic film director and choreographer

The program concluded with a Vote of Thanks delivered by Dr. N. Gireesh, Dean of Planning & Monitoring, marking the end of a memorable and inspiring celebration that underscored the unity, spirit, and potential of the MBU community.



A graceful invocation dance



*Pro Chancellor and Executive Director felicitating the Guest of Honor Padma Shri Awardee
Mr. Prabhu Deva*



Pro Chancellor and Executive Director felicitating the Guest of Honor Padma Shri Awardee Dr. Madugula Nagaphani Sarma



Guest of Honor Mr. R. Sarathkumar presented the Gold Medal to the topper



Mr. Sarath Kumar addressing the gathering



Dr. M. Mohan Babu, Chancellor of MBU address the gathering



Student Participants

FRESHERS' DAY – 2025 (10-01-2025)

The Fresher's Day event took place on January 10, 2025, with the aim of warmly welcoming and acquainting new students with the campus.

Escort the NCC Guard of Honor from the Administrative Building to the dais for Dr. M. Mohan Babu, Chancellor, Mr. Vishnu Manchu, Pro-Chancellor, Prof. Nagaraj Ramrao, Provost, Prof. K. Karunakaran, Vice-Chancellor, Dr. K. Saradhi, Registrar, and the Chief Guest, Sri. K. Raghu Rama Krishna Raju, Hon'ble Deputy Speaker, Andhra Pradesh Legislative Assembly

The event commenced with a Prayer song followed by an Invocation dance. Prof. Prof. K. Karunakaran, Vice-Chancellor of the University, elaborated on campus life, infrastructure, and facilities, also introducing the leadership team. A senior student from MBU welcomed the newcomers with a speech, followed by a first-year student expressing gratitude.

The Chief Guest, Sri. K. Raghu Rama Krishna Raju advised the students to do hard work, be brave and fight against truth, and Dr. M. Mohan Babu, the Chancellor of MBU, advised the students to study well and maintain discipline on the campus.

A total of 8000 students attended the event. Students enthusiastically participated in cultural activities, infusing the event with joy and energy. The event concluded with smiles, applause, and unforgettable memories, highlighting the unity and potential that define the MBU community. The program concluded with a Vote of Thanks delivered by Dr. T Devaraju, the Dean of Student Affairs.





A glimpse of events on Fresher's Day

MBU Sports Day Report 2025

The 32nd Annual Sports Day for the academic year 2024–2025 of Mohan Babu University and Sree Vidyanikethan Educational Institutions was celebrated with great enthusiasm, unity, and a spirit of healthy competition. The grand event commenced with the arrival of distinguished guests, including the Chief Guest, Ms. Konda Surekha, Cabinet Minister for Forest, Environment, and Endowments in the Government of Telangana, and the Special Guest, Mr. K. Raghu Rama Krishna Raju, Deputy Speaker of the Andhra Pradesh Legislative Assembly. They were joined by the Pro-Chancellor, Mr. Manchu Vishnu; the Provost, Prof. Nagraj Ramarao; the Vice-Chancellor, Prof. Karaunakara; the Registrar, Prof. K. Saradhi; Director of Finance and Administration, Sri Ravi Sekhar; Chief General Security Officer, Mr. Vikas Singh; Principal of SVIS, Mr. Rajesh Patel; and other respected officials.



Chief Guest and Special Guest of the event

The inaugural ceremony began with a warm welcome and a devotional invocation. Chief Guest Ms. Konda Surekha hoisted the Sports Flag, followed by the MBU Flag hoisted by Special Guest Mr. K. Raghu Rama Krishna Raju. The Trust Flag was hoisted by our beloved Chancellor, Dr. M. Mohan Babu. This was followed by an impressive march past by NCC cadets, prefects from various MBU schools, the four institutional houses—Anjana, Garuda, Sesha, and Simha—and students from sister institutions. The synchronized movements and disciplined march reflected a strong sense of unity and coordination.

Adding grace to the event, a vibrant band display was presented under the leadership of Noor from Class 12, which brought energy and rhythm to the field. The oath-taking ceremony was led by Madhu Sudhan, the Sports President of Sree Vidyanikethan International School and a student of Class 11, who inspired fellow athletes with his solemn pledge.





Inauguration of Sports Day and March by NCC Cadets of various MBU Schools

Subsequently, Chancellor Dr. M. Mohan Babu officially declared the 32nd Annual Sports Meet open, and the ceremonial lighting of the torch was performed by the Chief Guest and Special Guest. The torch relay that followed included student achievers from various schools and classes, symbolizing passion, perseverance, and achievement.

Dr. A. Suman Kumar, Director of Sports, delivered an engaging presentation on the various accomplishments of students at intra- and inter-institutional sports competitions, celebrating their dedication and talent.

This was followed by motivational speeches from the Pro-Chancellor, Mr. Manchu Vishnu, who encouraged the students to dream big and work hard, and from the Chancellor, Dr. M. Mohan Babu, who emphasized the importance of discipline, determination, and physical fitness in a student's life.



Performance of students during the Sports day

The day was also marked by vibrant and engaging performances, including well-coordinated human pyramids, reflecting teamwork, strength, and trust among the students. The track events such as the 100-metre race for boys and girls and the 4x100-metre relay were conducted with high energy, showcasing the athleticism and competitive spirit of the participants. Winners and runners-up were felicitated with medals and certificates by the Chief Guest, Special Guest, and other dignitaries present on the dais.

The grand prize distribution ceremony recognized individual champions, achievers at the state, national, and international levels, as well as the best-performing houses in sports, cultural events, and overall excellence. Their hard work and commitment were honored and applauded by the gathering. In his concluding address, Chancellor Dr. M. Mohan Babu reiterated the values of integrity, hard work, and sportsmanship, and formally declared the Sports Meet closed. The flags were ceremoniously lowered, and the event concluded with the National Anthem, leaving everyone with a sense of pride, unity, and inspiration.



Prize distribution to the winners by the Guests



Sports Day speech by Dr. Mohan Babu

Mohana Mantra 2k24 –report

Mohana Mantra 2K24 emerged as a grand and vibrant celebration, drawing thousands of participants into a dynamic blend of cultural, technical, and entertainment events. The fest registered an impressive 12,649 participants, including 317 students from 21 reputed external institutions such as IIT Madras, SRM, VIT, and JNTU Anantapur, highlighting its growing recognition across academic communities.



The cultural events and spot activities witnessed enthusiastic participation, with 12 Kala Vedika events drawing 1,194 participants (1,172 in-house and 22 out-house), though 6 events were cancelled due to low turnout. Spot events were a major attraction, engaging nearly 7,000 students with interactive shows like TELEMAC and other informal entertainment.



On the technical front, the *Technoholic and Workshop* series, coordinated by Dr. R. L. Krupakaran, Dr. B. Hemanth Kumar, and Dr. J. Suresh Kumar, successfully conducted 14 events involving 1,129 participants (666 in-house and 463 out-house) from 29 institutions, including 8 NIRF-ranked colleges. The workshops were praised for their content and external engagement despite a few colleges not attending after registering.

The Pro-Shows added to the grandeur of the fest, featuring performances by renowned artists. While LV Revanth's band performed live band , DJ Funk D delivered a globally inspired high-energy show, and J Paranox captivated the audience with regional Telugu and Tamil hits, ensuring unforgettable musical evenings.



The decorations, managed by Mr. Ram (Stage Buzz), transformed the campus into a vibrant and festive venue, earning commendation from university leadership for their corporate-style hoardings and professional aesthetic.

Media coverage was handled adeptly by Dr. S. Ravichandra Babu and Mr. R. Satish (PRO), with wide outreach through 13 print newspapers (Hans India, Hindu, Eenadu, Sakshi, etc.) and 5 electronic TV channels (ETV, HM TV, Raj News, etc.), significantly enhancing the event's visibility and public impact.

Mohana Mantra 2K24 stood out as a meticulously coordinated and successful mega event. The seamless execution was made possible by the dedicated efforts of faculty and student coordinators, along with unwavering support from the university's leadership, administration, logistics, finance, and security teams. Their collective contribution ensured a disciplined, lively, and unforgettable experience for all

11th International Yoga Day Celebrations

Mohan Babu University enthusiastically celebrated the 12th International Yoga Day on 21st June, 2025, in alignment with the global initiative to promote the physical, mental, and spiritual well-being of individuals through the practice of yoga. The celebrations were marked by widespread participation and a shared spirit of harmony and wellness.

As part of the day's events, MBU proudly participated in the Central Yoga Day celebrations organized by the District Administration at Taraka Rama Stadium, Tirupati, from 6:30 a.m. to 7:45 a.m. This large-scale event, coordinated by the Government of Andhra Pradesh, saw active involvement from various institutions, including our university.



Participation of MBU students at Tirupati organized by Govt of Andhra Pradesh

In parallel, Mohan Babu University also organized multiple yoga sessions across its campus: A central session was conducted at the Indoor Stadium, with the participation of approximately 840 students.



Practicing Yog asana in TGR auditorium on the Yoga Day

Another session was held at the TGR Auditorium, MNS Block in MBU, with around 90 students participated in live yoga practice by the trainers. Certified yoga practitioners from the Art of Living Foundation were invited to lead and demonstrate yoga asanas and breathing

techniques in these sessions. The event was supervised by Dr. T. Devaraju, Dean of Student Affairs, along with Dr. A. Suman Kumar, Director of Physical Education, and Prof. M.S. Sujatha, who ensured the smooth execution of the event across different venues. During the sessions, participants were introduced to the deeper meaning of yoga as a holistic lifestyle practice that encompasses physical, emotional, mental, and spiritual well-being. Emphasis was laid on the health benefits of regular yoga practice, such as improved immunity, stress reduction, enhanced vitality, and emotional resilience. The sessions served as a reminder of the importance of balance in daily life, especially for students and working professionals.

The celebration concluded on the campus with a vote of thanks delivered by Dr. A.Suman Kumar, who acknowledged the efforts of the guest instructors, university faculty, student volunteers, and management for their continued support. The yoga instructors were felicitated by the committee. Mohan Babu University remains committed to promoting holistic well-being through such initiatives and will continue to encourage the integration of yoga into the daily lives of its academic community.

Pongal Celebrations

The spirit of festivity and tradition came alive at Mohan Babu University as the campus celebrated the vibrant festival of Pongal on 7th January 2025. The event was marked by enthusiasm, cultural richness, and active participation from students, faculty, and university leadership. To showcase the cultural diversity and heritage of India, a series of traditional activities and competitions were organized. These included:

- Rangoli Competitions – Students displayed their creativity through intricate and colourful floor art.
- Kolatam Performances – A traditional group dance symbolizing community celebration and joy.
- Tappetagullu – A dynamic folk drum performance that added rhythm and energy to the event.
- Kite Flying Competitions – Bright and colourful kites soared high in the sky, reflecting the festive spirit.
- Tug of War – An engaging team event that brought out camaraderie and sportsmanship.
- Break the Pot – A traditional and entertaining game that thrilled the participants and audience alike.
- Thematic State Decorations – Various student groups creatively presented Pongal celebrations across different Indian states, highlighting regional customs and cuisines.

The event was graced by the Honourable Chancellor, Provost, Vice Chancellor, Registrar, and Director (F&A), who encouraged the students and appreciated their efforts in preserving

and showcasing Indian traditions. Faculty members of MBU also actively participated and supported the cultural festivities, making it a memorable occasion for the entire university community. The celebration concluded with traditional Pongal dishes being served, further enhancing the spirit of togetherness and festivity on campus.

The Pongal celebration at MBU was a grand success, fostering cultural appreciation, unity, and joy among students and staff. The university remains committed to celebrating such events that enrich the campus experience and uphold our cultural legacy.



Vibrant Pongal festival celebrations at MBU

Independence Day Celebrations

Mohan Babu University (MBU) celebrated the 78th Independence Day on August 15, 2024, with great patriotic fervour and enthusiasm. The event was graced by the Hon'ble Vice Chancellor, who served as the Chief Guest and unfurled the national flag, followed by the singing of the national anthem. Dr. K. Saradhi, Registrar of MBU, read the Chancellor's and Pro-Chancellor's messages to the gathering. In his address, highlighted the significance of India's freedom struggle and inspired students to uphold the values of unity, integrity, and responsibility. The celebration included a vibrant cultural program featuring patriotic songs,

a band display, and skits performed by students from various departments. Principals, Deans, teaching and non-teaching staff, and students of the university participated in the event. Faculty, staff, and students came together in the spirit of nationalism, making the event a memorable and meaningful occasion. The ceremony concluded with a vote of thanks and a pledge to contribute actively to the progress of the nation and uphold its democratic values.



78th Independence Day Celebrations at MBU on 15th August, 2024

Republic Day Celebrations

Mohan Babu University (MBU) celebrated the 76th Republic Day on January 26, 2025, with immense pride and patriotic spirit. The Chief Guest for the occasion was the Hon'ble Chancellor, Dr. M. Mohan Babu Garu, a renowned actor, educationist, and visionary leader. The ceremony commenced with the hoisting of the national flag by Dr. Mohan Babu Garu, followed by the national anthem and a ceremonial salute. In his inspiring address, Dr. Mohan Babu Garu reflected on the importance of the Indian Constitution and the responsibilities it entrusts to every citizen. He urged students to become "architects of a better India" through discipline, dedication, and moral courage. He emphasized, "True patriotism is in serving the nation through education, innovation, and selfless action." The event featured a colourful cultural program, including patriotic dances, music, and a parade by the university cadets. Heads of institutions, faculty, staff, and students participated with great enthusiasm, making the event both meaningful and memorable. The ceremony concluded with a vote of thanks and a pledge to contribute actively to the progress of the nation and uphold its democratic values.



Republic Day Celebrations at MBU

1st Convocation Report

The 1st Convocation of Mohan Babu University, Tirupati, was held on Sunday, 11th August 2024 with great pride, tradition, and academic distinction. This landmark occasion celebrated the achievements of the university's first batch of graduates and was a moment of great significance in its academic journey.

The event was graced by the Board of Management and Academic Council Members, alongside eminent dignitaries, faculty, proud families, and the graduating students.



Chief Guest Sri. Mallu Bhatti Vikramarka garu

Chief Guest for the 1st Convocation Day of Mohan Babu University, His Excellency **Sri.Mallu Bhatti Vikramarka garu**, Deputy Chief Minister, Telangana State.

Hon'ble Chairman of Sree Vidyanikethan Education Trust and Chancellor, Mohan Babu University, **Sri. M. Mohan Babu garu**, Padma Shri awardee and Ex-Rajya Sabha Member.

Distinguished Guest of Honour, **Sri. Vishnu Manchu garu**, Chief Executive Officer, Sree Vidyanikethan Education Trust and Pro-Chancellor, Mohan Babu University.

Distinguished Guest of Honour, **Sri. Vinay Maheshwari garu**, Executive Director, Sree Vidyanikethan Education Trust.

Respected JNT University Representative Dr. P.R. Bhanu Murthy garu, Prof of Civil Engineering Department, JNTUA College of Engineering, Ananthapuramu.

Distinguished Guest of Honour, **Prof. Nagaraj Ramrao garu**, Vice-Chancellor, Mohan Babu University.

Distinguished Guest of Honour, Dr. K. Saradhi garu, Registrar, Mohan Babu University.

Distinguished Guest of Honour, Mr. Vikas Singh garu, Chief Growth Officer, Mohan Babu University.

Distinguished Guest of Honour, Dr. Moorty Veeraswamy garu, Controller of Examinations, Mohan Babu University.



Distribution of Degrees

Report on Degree Awardees – 1st Convocation (Postgraduate Programs)

Mohan Babu University – 2024

A total of 323 postgraduate students were awarded degrees across various disciplines. The awardees belong to the following postgraduate programs:

Programme-wise Distribution of Degrees Awarded:

Programme	Number of Students
Master of Computer Applications (MCA)	218
M.B.A. – Master of Business Administration	81
M.Sc. – Biotechnology	10
M.Sc. – Computer Science	04
M.Sc. – Organic Chemistry	08
M.Tech. – Machine Design	01
M.Tech. – VLSI & Embedded System Design	01

This marks a significant milestone in the university's academic journey, showcasing its commitment to excellence in education and research.



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