



International Conference  
on

# DATA SCIENCE, MACHINE LEARNING & APPLICATIONS

## ICDSMLA - 2024

12<sup>th</sup> -13<sup>th</sup> December, 2024



Organized by

Department of CSE, School of Computing



# ABOUT MBU

Mohan Babu University, situated in Tirupati, Andhra Pradesh, India, is a State Private University founded by Sree Vidyanikethan Educational Trust under the leadership of Dr. M. Mohan Babu, a philanthropist, former Rajyasabha Member, producer, and cine artist. The University promotes excellence in various fields such as Engineering, Pharmacy, Liberal Arts and Science, Agriculture, Art and Design, Media Studies, Film Academy, Paramedical and Health Sciences. With a 5-star rated campus, advanced curriculum, expert mentorship, and 65+ clubs. MB School of Engineering and MB School of Computing (Erstwhile Sree Vidyanikethan Engineering College) has achieved notable accreditations which includes,

## RANKINGS AND ACCREDITATIONS



Boasting a robust placement record, including a remarkable package of Rs. 60 lakh offered by Google, the university also actively mentors other engineering colleges.

**To foster Research, Innovation and Entrepreneurship, MBU has the following:**

DST-STI Hub  
worth of  
**3.61**  
Crores

AICTE-IDEA  
Lab worth of  
**1.1**  
Crores

V-Hub,  
Innovation  
Centre

Ear  
project





# ABOUT THE SCHOOL OF COMPUTING

The School of Computing is a leader in real-world computing breakthroughs that drive social and scientific progress. With our unconventional approach to education along with cutting-edge, cross-disciplinary research, we are expanding the boundaries of computing. The School of Computing is a stimulating environment for research, particularly in the areas of localization, data analytics, software engineering, scientific computing and cloud computing. Our vision is to lead the advancement of computer science research and education that has real-world impact and to push the frontiers of innovation in the field. The school now offers 05 B.Tech., 03 M.Tech., 01 MCA, and 02 Research Programs.



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## ABOUT THE DEPARTMENT

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The Department of CSE offers a four-year professional B.Tech. program in Computer Science and Engineering. The program emphasizes acquiring knowledge and contemporary skills on computing systems and developing software through experiential learning relevant to the latest domains in Computer Science and Engineering. The program focuses on a student-centric learning approach through classroom study, industry-based internships, and project-work in core and advanced courses. The courses offered in the program include the core subjects of Computer Science and specialized courses like Cyber Security, Cloud Computing, Intelligent Systems, Pattern Recognition, Machine Learning, Deep Learning, Cognitive Systems, Robotics and Automation, Business Intelligence, and other courses in cutting-edge technologies.

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## ABOUT THE CONFERENCE

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ICDSMLA'24 has emerged as an enduring techno-platform to connect education experts and passionate educators all over the nation for improving the potential for excellence in engineering. The conference this year is aimed to witness knowledge sharing and showcasing of machine learning products by scientists and practitioners from academia, industry and Government Organizations.

It provides a premier interdisciplinary forum for researchers, engineers and academicians to present and gain knowledge on the most recent trends, innovations, and technologies and solutions adopted for sustainable development. The conference also focuses on mutually sharing the advances and innovative technologies for the scientists, scholars, engineers and students from different universities and industry to present ongoing research activities, focused on solutions to achieve the Sustainable Development Goals (SDGs) and hence to foster collaborations among stakeholders and researchers from distinct universities, national laboratories, government funding bodies and the industry. Sustainable development is the idea that human societies must live and meet their needs without compromising the ability of future generations. Sustainable development is a way of organizing society so that it can exist in the long term, taking into account both the imperatives present and those of the future. Much effort is needed from researchers to achieve SDGs and a clear need to go beyond. ICDSMLA'24 aims to gain valuable insights and contributions from researchers and practitioners facilitating interdisciplinary perspectives.

# SCOPE OF THE CONFERENCE

The International Conference on Data Science, Machine Learning & Applications typically covers a broad scope of topics related to these fields. While specific details may vary depending on the year and organizers, here are the common themes and scope that such conferences often include:

- Supervised, unsupervised, and reinforcement learning
- Deep learning and neural networks
- Machine learning algorithms and models
- Transfer learning and domain adaptation
- Applications of Data Science and Machine Learning:
- Natural language processing and text analytics
- Image and video processing
- Recommendation systems
- Predictive analytics and modeling
- AI Applications and Trends
- AI-driven decision support systems
- AI in healthcare, finance, and industry
- Ethical and societal implications of AI and machine learning
- AI and machine learning in robotics and automation
- Scalable data architectures
- Cloud computing for data science
- Data integration and interoperability
- Data security and privacy
- Blockchain and AI integration
- Quantum computing and machine learning
- IoT and sensor data analytics.

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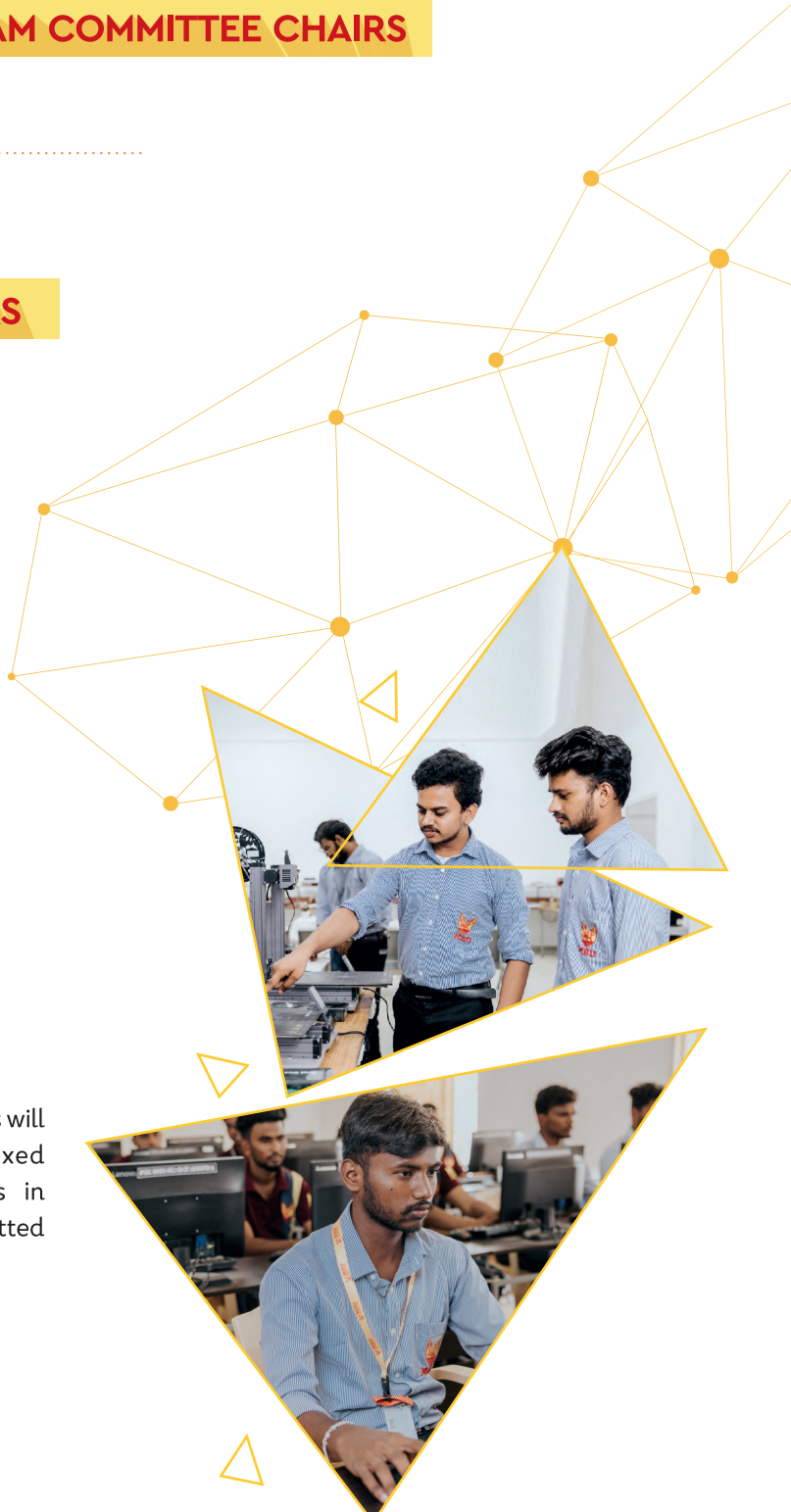
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**Dr. D. Ganesh**

Mohan Babu University

# Publication of Conference Proceedings

All accepted and presented papers will be published in Scopus Indexed Springer Series (Lecture Notes in Electrical Engineering) and submitted for indexing in Scopus



## AUTHOR REGISTRATION

Category	Registration Fee
Research Scholars	₹8000
Faculty/Academician	₹10000
Delegates from Industry	₹12000
Foreign Delegates	\$300

## IMPORTANT DATES

Submission of Full Manuscript	30 <sup>th</sup> September 2024
Notification of Acceptance	31 <sup>st</sup> October 2024
Manuscript Registration	10 <sup>th</sup> November 2024
Submission of CRC	10 <sup>th</sup> November 2024
Conference Dates	12 <sup>th</sup> & 13 <sup>th</sup> December, 2024

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For More Details Visit: <https://www.icdsmla.com>



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