



## 3<sup>rd</sup> International Conference

DATA ANALYTICS, SMART COMPUTING AND NETWORKS

## IDASCN'2024

**Department of Data Science** 



# **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**





Ranked 51-100 Band









SII GREEN RANKINGS 2023 Listed in Top 20 Universities of India

DIAMOND BAND MHW RANKINGS 2023



RANKED 3.5 STAR

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

AICTE-IDEA Lab worth of 1.1 Crores V-Hub, Innovation Centre Ear project



# ABOUT THE SCHOOL OF COMPUTING

The School of Computing at Mohan Babu University provides a dynamic environment for research, particularly in the fields of localization, data analytics, software engineering, scientific computing, cloud computing, and cybersecurity. Our vision is to lead the advancement of computer science research and education with a real-world impact, pushing the boundaries of innovation in the discipline.

The school now offers 05 B.Tech, 03 M.Tech, 01 MCA, and 02 Research Programs.



# **ABOUT DEPARTMENT**

The Department of Data Sciences at Mohan Babu University is dedicated to shaping future leaders in the rapidly evolving field of data science. Our B.Tech in Computer Science and Engineering (Data Science) program offers a comprehensive curriculum that blends theoretical knowledge with hands-on experience in cutting-edge technologies. Students gain expertise in core computer science subjects as well as specialized areas such as Data Mining, Big Data Analytics, Machine Learning, and Business Intelligence.

Our experienced faculty employs innovative teaching methods, including case studies, seminars, and project work, to ensure students are well-prepared for the professional world. The program's emphasis on experiential learning, industry internships, and exposure to the latest tools and technologies equips graduates to meet the growing global demand for IT & Cyber Security professionals, Data Scientists, and Data Engineers. At Mohan Babu University, we are committed to nurturing talented individuals who will drive innovation and excel in the dynamic landscape of data science.

# **ABOUT CONFERENCE**

IDASCN'2024 has emerged as a premier techno-platform dedicated to connecting academicians, scientists, research scholars, and passionate educators from around the globe, enhancing excellence in academia and research. This interdisciplinary forum allows researchers, scientists, and academicians to present and discuss the latest trends, innovations, challenges, and solutions in the fields of Data Analytics, Cloud Computing, Cyber Security, Internet of Things, Intelligent Computing, and related areas. The conference also aims to bridge the gap between academia and industry by providing a platform for academicians, scientists, scholars, industry professionals, and students to showcase ongoing research activities, thereby fostering collaborative research relationships.

## SCOPE OF THE CONFERENCE

IDASCN'2024 have been widely deployed to domains such as Data Analytics, Smart Computing, Internet of Things, Cyber Security, Machine learning, Cloud computing et al. Contributions to the event are invited on the following topics but not limited to:

- Big Data Technologies and Tools
- Data Mining, Warehousing, and Real-time Data Analytics
- Predictive and Prescriptive Analytics
- DataVisualizationTechniques
- Applications of Data Analytics in Various Sectors (Healthcare, Finance, Marketing)
- Ethical and Privacy Issues in Data Analytics
- Al and Machine Learning Algorithms and Applications
- Smart Systems, Cognitive Computing, and Intelligent Automation
- Human-Computer Interaction and Context-aware Computing
- IoT and Edge Computing
- Energy-efficient and Autonomous Systems (Robotics, Smart Home, Smart Cities)
- Network Architecture, Protocols, and Security (Wireless, Mobile Networks, 5G, SDN, NFV)
- Cybersecurity in Networks and Health Informatics
- Integration of Data Analytics in Smart Networks and IoT Data Management
- Cyber-Physical Systems and Smart Grid Management
- Precision Agriculture and Smart Farming Technologies
- IoT and Big Data in Agriculture (Crop Management, Pest Control, GIS)
- Automation, Robotics, and Smart Irrigation in Agriculture
- Supply Chain Optimization and Blockchain for Agriculture
- Data Analytics and Al in Drug Discovery, Development, and Personalized Medicine
- IoT in Pharmaceutical Manufacturing and Supply Chain
- Predictive Analytics and Safety in Pharmaceuticals
- Tele pharmacy, E-Health Solutions, and Wearable Health Technologies
- Bioinformatics, Computational Biology, and Genomic Data Analysis
- Cloud Computing and Smart Packaging for Pharmaceuticals
- Environmental Monitoring and Smart Sensors
- IoT in Biomedical Engineering and Diagnostic Imaging
- Predictive Modelling for Disease Outbreaks
- Telemedicine, Remote Patient Monitoring, and Smart Rehabilitation Systems

## **CONFERENCE COMMITTEE**

#### **Chief Patrons**

Dr. M. Mohan Babu

Chancellor, MBU

Mr. Vishnu Manchu Pro-Chancellor, MBU

#### **Patrons**

Mr. Vinay Maheswari Executive Director, SVET

**Dr. Nagaraj Ramrao** Vice-Chancellor, MBU

**Mr. Vikas Singh** Chief Growth & Strategy Officer, MBU

**Dr. K. Saradhi** Registrar, MBU

#### Advisors

Dr. Avireni Srinivasulu

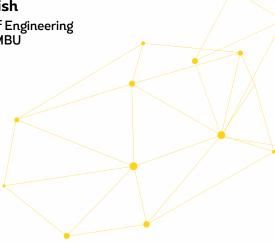
Dean, Research and Innovation, MBU

Dr. Eswar Sunkara

Dean (Research & Development), MBU

Dr. B. M. Satish

Dean, School of Engineering & Technology, MBU



## ADVISORY COMMITTEE

#### Dr. Achyut Shankar

Research Scientist, University of Warwick, UK

Dr. M.S. Mekala

School of Computing, Robert Gordon University

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Dr. Viswanath Pulabaigari

IIIT, Tirupati, Sri City

Dr. Chapram Sudhakar

NIT, Warangal

Dr. Goutam Sarker

NIT, Durgapur

#### Conveners

**Dr. K. Ramani**Program Head,
Dept. of Data Science



## **Organizing Secretary**

**Mr. Yogendra Prasad** Assistant Professor, Dept. of Data Science

#### Co-Conveners

**Dr. V. Jyothsna**Associate Professor,
Dept. of Data Science

Mr. P. Bhasha Assistant Professor, Dept. of Data Science

## **ORGANIZING COMMITTEE**

**Dr. A. V. Sriharsha**Professor of DS

**Dr. P. K. Gupta**Professor of DS

**Dr. C. Siva Kumar** Associate Professor of DS

Ms. Ch. Prathima Assistant Professor of DS

Ms. Chengamma Chitteti Assistant Professor of DS

Mr. B. V. Sivaiah Assistant Professor of DS Ms. C. Nithisha Assistant Professor of DS

Mr. Y. Abhilash Assistant Professor of DS

Mr. Konduri Srinivasa Raghupraveen Assistant Professor of DS

Mr. M. Yuvaraj Naik Assistant Professor of DS

Mr. Sreetharan V
Assistant Professor of DS



## **REGISTRATION FEES**

To ensure publication of a paper in the Proceedings, at least one author has to register by submitting a normal registration fee within deadline as indicated below

Category	Regular	Late
Author's (Indian Origin) -Upto10 pages	₹10,000	₹11,500
Author's (Foreign Origin) - Upto10 pages	<b>\$150</b>	<b>\$200</b>
Listeners	₹1000	₹1500
Extra Page (Indian Origin)	₹1000	₹1000
Extra Page (Foreign Origin)	<b>\$15</b>	<b>\$10</b>

## **PAYMENT DETAILS**

Account Number	154012010000472
Account Name	M/s IDASCN 2022
Account Type	SB
Bank Name	UNION BANK OF INDIA
IFSC Code	UBIN0815403

## **SUBMISSIONS**

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. All submissions will be thoroughly peer-reviewed by experts based on originality, significance and clarity. Only papers presenting novel research results or successful innovative applications will be considered for publication in the conference proceedings. Kindly ensure that your paper is formatted as per AIP Conference Proceedings Template (not exceeding 10 pages written in A4 size)



## **IMPORTANT DATES**

Paper Submission Deadline	October 05,2024
Acceptance Notification	October 10,2024
Registration Starts	October 12,2024
Camera Ready Paper Submission	October 15,2024
Conference Dates	October 24-26,2024

#### PROCEEDINGS PUBLICATION

All the accepted and registered papers will be submitted to AIP proceedings for publication and indexed in Scopus and WoS.

#### For More Details Contact:

#### Dr. V. Jyothsna

Associate Professor, Department of Data Science, School of Computing Mohan Babu University, Tirupati Phone Number: +91-9110367868

#### Mr. P. Bhasha

Assistant Professor, Department of Data Science, School of Computing Mohan Babu University, Tirupati Phone Number: +91-9491770934

#### LOCATION

The Institution is located 16 KM from the temple town of Tirupati  $\,$ 

on Tirupati - Madanapalle National Highway 205.







#### MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati Andhra Pradesh - 517102 www.mbu.asia