

## Keynote Speakers

### Dr. D. Nagesh Kumar, FNA, FASc, FNASc

Professor, Dept. of Civil Engineering

Associate Faculty, Centre for Earth Sciences (CEaS)  
Associate Faculty, Divecha Centre for Climate Change  
(DCCC), Indian Institute of Science (IISc), Bengaluru

### Dr. Kandula V Surahmanyam, FRMets

Scientist-SF

Associate Fellow of IMS, TAS, APAS  
Earth and Climate Sciences Area  
National Remote Sensing Centre (NRSC),  
Indian Space Research Organisation (ISRO)  
Dept. of Space, Govt. of India, Balanagar

### Dr. Jyoti Narayan Bhate

Scientist/Engineer-SF

Weather and Climate Research Group  
National Atmospheric Research Laboratory  
Gadanki, Andhra Pradesh

### Mr. Subash P. Kuppusamy

Business Development Manager,  
R4 Aerospace and Defence Pvt. Ltd.  
Tamil Nadu, India

## Topics to be covered

- AI and Earth Observation for Climate Monitoring
- Space-Based Technologies for Monitoring Natural Resources
- AI-Driven Analysis of Satellite Data for Environmental Monitoring
- Integrated AI-Space Solutions for Climate Resilience and Sustainable Development
- From Satellites to Insights: AI for Climate and Earth System Monitoring

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### Dr. D. Nagesh Kumar

Professor, Indian Institute of Science (IISc), Bengaluru

## Program Coordinator

### Dr. S. Padma

Assoc. Professor & Head, CSE (AI and ML)

## Program Co-Coordinators

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Asst. Professor

### Mr. BSH. Shayeez Ahamed

Asst. Professor

### Mrs. R. Usha

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### Mr. G. Nithin

Asst. Professor

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**MITS**  
**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE**  
(Deemed to be University under section 3 of UGC Act, 1956)  
Madanapalle-517325, Annamayya Dist., Andhra Pradesh, India.

## Science Academies' Lecture Workshop

on

## “AI and Space Technologies for Climate and Resource Monitoring”

**September 7-8, 2026**

**Sponsored by**

**Indian National Science Academy, New Delhi**  
**The National Academy of Sciences, Prayagraj**  
**Indian Academy of Sciences, Bengaluru**



**Organized by**

**Department of CSE**

**(Artificial Intelligence and Machine Learning)**

**For Registration**



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## About the University

Madanapalle Institute of Technology & Science (MITS) was established in 1998 in the scenic and serene surroundings of Madanapalle. The institute is ideally situated on a spacious 26.17-acre campus in the Madanapalle – Anantapur Highway (NH-42), near Angallu, approximately 10 km from Madanapalle. MITS was founded under the Ratakonda Ranga Reddy Educational Academy, under the leadership of Late Sri N. Krishna Kumar, M.S. (U.S.A.), the then President, and Dr. N. Vijaya Bhaskar Choudary, Ph.D. the visionary leader of the Academy.

With 28 years of academic excellence, MITS has earned NAAC A+ accreditation and NBA recognition for its programs. In recognition of its quality standards and contributions to higher education, the Government of India has conferred MITS the status of a Deemed to be University under Section 3 of the UGC Act, 1956. vide Notification No. 9-1/2025-U.3(A) dated 15th July, 2025.

MITS - Deemed to be University is now governed by the visionary and proactive leadership of Dr. N. Vijaya Bhaskar Choudary, the founder and Chancellor. Redefining the education in the international standard, MITS Deemed to be University, now continues to strive with a total commitment and dedication to establish the institution as one of the foremost centers of academic excellence in India. With well-defined strategies and action plans that align with the evolving needs of the globe, MITS Deemed to be University has set forth its educational Odyssey.

## About the Department of CSE (AI and ML)

The Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning) was established in 2023. The department offers four-year UG and Two-year PG degree program designed to be flexible and aligned with the evolving demands of the information technology industry. The College Academic Council and the department's Board of Studies are committed to deliver a high-quality education with an advanced curriculum, ensuring that students are industry-ready and prepared to excel in the modern business environment.

## About Science Academies

Indian Academy of Sciences (IAS), Bangalore founded in 1934 by Sir C.V. Raman, aims at promoting the progress and upholding the cause of science in the pure and applied branches. Its major activities include publication of scientific journals and special volumes, organizing meetings of the Fellowship and discussions on important topics, recognizing scientific talent, improvement of science education, and taking up other issues of concern to the scientific community. As part of the science education programmes, the Indian Academy of Sciences, Bangalore in association with the Indian National Science Academy (INSA), New Delhi and The National Academy of Sciences, India (NASI), Prayagraj organize programmes for the improvement of science education in the Universities and Colleges throughout the country. The Science Academies have been supporting two/three-day lecture workshops and fifteen-day refresher courses on topics of current interest throughout the country.

## Registration Details

- Students, Research Scholars and Faculty Members of Computer Science and its related branches can participate.
- No Registration fee.
- Participants can register using the QR code
- Limited seats are available.
- Certificate will be provided to all registered participants upon successful participation.
- Lunch and refreshments will be provided during the program.

### Mode of Conduct : Physical

### How to Reach Madanapalle Institute of Technology & Science

<https://maps.app.goo.gl/Wim46nkjncqccRgR88>

## For Further details

Visit : <https://mits.ac.in/insa-aisterm>

## Contact

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