

## About MITS

Madanapalle Institute of Technology & Science was established in 1998 celebrated its 25th year in the picturesque hilly and pleasant environs of Madanapalle and is ideally located on a sprawling 26.17 acre campus on Madanapalle-Anantapur Highway (NH-205) near Angallu, about 10km away from Madanapalle.

MITS originated under the auspices of Ratakonda Ranga Reddy Educational Academy under the proactive leadership of Dr. N. Vijaya Bhaskar Choudary, Ph.D., Secretary & Correspondent of the Academy and Mrs. N. Keerthi, Executive Director. MITS is offering UG programs such as ECE, EEE, MECH, CE, CSE(AI), CSE(DS), CSE(CS), CSE(ML), CSE(CN), CIVIL and PG programs MBA, MCA, M.Tech.(CSE) and M.Tech.(VLSI). The college is awarded ISO 21001:2018 certification for the quality policies and also accredited by NBA and NAAC A+. MITS is ranked in the band of 201-300 in the NIRF 2024 under the engineering discipline. The campus comprises of aesthetically designed buildings that are networked by Wi-fi technology. The institution is established with the well-equipped workshops and laboratories, computers with internet access, smart classrooms, seminar halls, auditorium, digital library and sports facilities that provide an excellent learning environment.

MITS is governed by a progressive management that never rests on laurels and has been striving conscientiously to develop it as one of the best centers of Academic Excellence in India. The institution's profile is firmly based on strategies and action plans that match changing demands of the nation and the students' fraternity. MITS enjoys constant support and patronage of the NRI's with distinguished academic traditions and vast experience in Engineering & Technology.

## About the Department

The Department of Mechanical Engineering was founded at the college's inception and offers an undergraduate program with a capacity of 60 students. This UG program is accredited by the NBA under the Tier-I category. It provides comprehensive knowledge in the field, equipping aspiring engineers with the essential skills for a successful career in Mechanical Engineering. The department boasts excellent infrastructure and state-of-the-art laboratories. It is supported by a team of highly qualified, experienced, and dedicated faculty members with strong backgrounds in industry and research.

### Chief Patron

**Dr. N. Vijaya Bhaskar Choudary**

Secretary & Correspondent

### Patron

**Mrs. Keerthi Nadella**

Executive Director

### Program Chair

**Dr. C. Yuvaraj**

Principal, MITS

### Convener

**Dr. S. Baskaran,**

HOD & Associate Professor, ME

### Coordinator

**Dr. Anantha Raman L.,**

Assistant Professor, ME

### Co-coordinators

**Dr. R. Prithvirajan**

Associate Professor, ME

**Mr. S. Manoj Kumar**

Assistant Professor, ME

### Certificate

Digital Certificate with certificate number will be provided to all the registered participants.

### Contact Details

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**MADANAPALLE INSTITUTE OF  
TECHNOLOGY & SCIENCE**

(UGC-AUTONOMOUS INSTITUTION)

Madanapalle-517325, Annamayya Dist., Andhra Pradesh



AICTE Approved  
INSTITUTE



NATIONAL BOARD  
OF ACCREDITATION  
CIVIL, CSE, ECE, EEE, MECH,  
MBA & MCA



Accredited by NAAC  
A+ Grade



Affiliation to  
JNTUA



UGC 2(F) & 12(B)



ISO 9001:2015  
Certified



MITS ranked in the band  
201 - 300 - NIRF 2024



## Department of Mechanical Engineering



Organizes

**2<sup>nd</sup> International 5-Day Faculty  
Development Programme on  
Sustainability and Research in  
Modern Mechanical Engineering  
(Online)**

**September 23 - 27, 2024**

**[www.mits.ac.in](http://www.mits.ac.in)**



## Distinguished Speakers

**Prof. Dr. Kadir Gök**  
İzmir Bakırçay University,  
Turkey.



**Dr. Manoj Kumar Singh**  
King Mongkut's University of Technology,  
Thailand.

**Dr. H. Jeevan Rao**  
Nazarbayev University,  
Kazakhstan.



**Dr. Sivasakthivel Thangavel**  
Global College of Engineering and Technology,  
Oman.

**Dr. P. Narayanasamy**  
King Mongkut's University of Technology,  
Thailand.



**Dr. Parimal Sharad Bhambare**  
National University of Science and Technology,  
Oman.

**Dr. I Nyoman Suprpta Winaya**  
Udayana University,  
Indonesia.



**Dr. Shiva S.**  
Indian Institute of Technology Jammu,  
India.

**Dr. Ashok G. Matani**  
Govt. College of Engineering,  
Jalgaon, India.



**Dr. Vinothkumar Sivalingam**  
Shandong University,  
China.

## Organizing Committee

1. Dr. I. Arun, Professor, ME
2. Dr. V. Vamsidhar, Assoc. Professor, ME
3. Dr. K. V. Nagesha, Assoc. Professor, ME
4. Dr. P. Sivaiah, Assoc. Professor, ME
5. Dr. Kamlesh Kumar, Asst. Professor, ME
6. Dr. Arun Kuma D., Asst. Professor, ME
7. Dr. Manish Sharma, Asst. Professor, ME
8. Dr. Dhruvajit Sarma, Asst. Professor, ME
9. Dr. Rupshree Ozah, Asst. Professor, ME
10. Dr. Thota S S Bhaskara Rao, Asst. Professor, ME
11. Dr. Khan Rehan Wasim, Asst. Professor, ME
12. Dr. G. Veeresalingam, Asst. Professor, ME
13. Dr. Mohammed Dilawar, Asst. Professor, ME
14. **Dr. Jagesh Kumar Prusty**, Asst. Professor, ME
15. Dr. Jagannath Pattar, Asst. Professor, ME
16. Dr. Ved Prakash, Asst. Professor, ME
17. Mr. Gejendhiran S., Asst. Professor, ME
18. Mr. A. Pruthvi Deep, Asst. Professor, ME
19. Mr. H. Raghavendra, Asst. Professor, ME
20. Mr. Muthu Laxmanan, Asst. Professor, ME
21. Mr. Pujari Rajesh, Asst. Professor, ME
22. Mr. G. Kumar, Asst. Professor, ME
23. Mr. Ajith Gopal Joshi, Asst. Professor, ME
24. Mr. P. Mohammed Rizwan Ali, Asst. Professor, ME
25. Mr. Darshan B.V., Asst. Professor, ME
26. Mr. Harshit Dixit, Asst. Professor, ME
27. Mr. N. Siva Balaji, Asst. Professor, ME
28. Mr. D. Aravindhyan, Asst. Professor, ME

## Topics to be covered

- # Energy Efficiency and Sustainability
- # Nature-inspired Materials
- # Advanced Biomechanics
- # Manufacturing of Polymer Composites
- # Coatings and Sealants for Metallic Materials
- # Sustainable Machining
- # Additive Manufacturing
- # Thermal and Fluid Energy Systems
- # Combustion, Gasification and Pyrolysis

## Programme Schedule

Two sessions daily from Mon to Fri. Refer the event website for session-wise schedule.

## Target Audience

Teaching Faculty, Research Scholars & PG students of Engineering Colleges, Polytechnic Colleges & Universities.

## Registration

We request you to fill your details and pay the registration fee online by visiting the below mentioned payment link. Your registration will be confirmed via email.

## Registration & Payment Link

[www.srmme.in](http://www.srmme.in)



**Registration Fee: Rs.100/-**

Registration Last Date: 22<sup>nd</sup> September, 2024