

### About the College:

Madanapalle Institute of Technology and Science (MITS) is an autonomous institution that was established in 1998 in the picturesque and pleasant environs of Madanapalle and is ideally located on a sprawling 30 acre campus. It has a resort like atmosphere, which is refreshing and exhilarating at the same time. The UG courses such as ME, CSE, EEE and ECE are accredited by NBA. The college is awarded ISO 9001:2008 certification for the quality policies it is implementing. The campus comprises of aesthetically designed buildings that are networked by Wi-Fi technology. This institution is established with the modern workshops and labs, computer and internet facilities, seminar halls, well equipped library and sports facilities that provide an excellent learning environment for the students. MITS Offers UG, PG & Ph.D courses in Mechanical, Civil, Electrical & Electronics, Electronics & Communications, Computer Science Engineering, MBA and MCA.

MITS, originated under the auspices of Ratakonda Ranga Reddy Educational Academy under the proactive leadership of Sri N. Vijaya Bhaskar Choudary, M.Com (Ph.D.), Secretary & Correspondent and Sri N. Krishna Kumar, M.S. (USA), Chairman. MITS enjoys constant support and patronage of NRIs with distinguished academic traditions and vast experience in Engineering and Technology. The management spares no effort to develop the institution as one of the best centers of academic excellence. MITS, selected for TEQIP-II as one among the Top 25 private Engineering Institutions in the country.

### About the Department:

The Department of Mechanical Engineering was established at the inception of the college. The department offers UG, PG and Ph.D programmes. PG programmes are being offered with specialization of Machine design and Advanced Manufacturing Systems. UG course in the department has been accredited by NBA. The course offers a deep insight into the discipline and empowers promising engineers with required skills for a successful career in mechanical engineering. The department is recognized as research and development centre by JNTUA, Anantapuramu to offer doctoral programmes. The department has excellent infrastructure and is well equipped with modern laboratories. The department has highly qualified, experienced, dedicated and motivated faculty with industry and research background.

### Location of the College:

MITS is located at Angallu, which is 10 kms away from Madanapalle and it is 120 kms from Tirupathi, 125 kms from Bangalore, 250 kms from Chennai and 130 kms from Vellore.

### Chief Patron

Sri. N. Vijaya Bhaskar Choudary, Secretary & Correspondent

### Patron

Sri. N. Krishna Kumar, Chairman

### Chief Coordinator

Dr. C. Yuvaraj, Principal

### Coordinator

Dr. G. Harinath Gowd, Professor & Head

### Convener

Dr. K.V.P. Chakradhar, Associate Professor

### Organizing Committee:

Dr. Suryanarayana Raju Pakalapati	Professor
Dr. B. Eswar Kumar	Professor
Dr. L. John Baruch	Professor
Dr. T. Vishnu Vardhan	Assoc. Professor
Dr. A. Balaraju	Assoc. Professor
Dr. S. Baskaran	Assoc. Professor
Dr. I. Arun	Assoc. Professor
Dr. K. Ganesa Balamurugan	Sr. Asst. Professor
Dr. S. Vinoth Kumar	Sr. Asst. Professor
Mr. Ch. Srinivasa Rao	Assoc. Professor
Mr. G. Sadasiva Prasad	Assoc. Professor
Mr. V. Vamsidhar	Assoc. Professor
Mr. Rayudu Peyyala	Assoc. Professor
Mr. R. Ramesh	Sr. Asst. Professor
Mr. KG. Thirugnanasambantham	Asst. Professor
Mr. Rama Narayana B.L.	Sr. Asst. Professor
Mr. B. Sreenivasulu	Asst. Professor
Mr. M. Vamsi Krishna	Asst. Professor
Mr. V. Ajay	Asst. Professor
Mr. S. Praveen Kumar	Asst. Professor
Mr. Sreenivasulu Bezawada	Asst. Professor
Mr. P. Venkataramana	Asst. Professor
Mr. Guna Sekhar Reddy	Asst. Professor.
Mr. G. Guru Mahesh	Asst. Professor
Mr. M. Subba Rao	Asst. Professor
Mr. S. Kareemulla	Asst. Professor
Mr. Manu Ravuri	Asst. Professor
Mr. Mohammad Rafi	Teaching Assistant
Mr. P. Meghashyam	Teaching Assistant
Mr. S. Girivardhan Naidu	Teaching Assistant
Mr. K. Ravi	Teaching Assistant
Mr. A. Bhargav	Teaching Assistant
Mr. H. Raghavendra	Teaching Assistant
Mr. P. Mohammad Rizwan Ali	Teaching Assistant
Mr. C. Bilhan Reddy	Teaching Assistant
Mr. U. Nagaraju	Teaching Assistant

### STUDENTS:

IV	A. Manohar	K. Vijaya Bhaskar	
III	V. Hema Kumar Reddy	G. Pavithra	V. Tharun Kumar
II	M. Anvesh	B. Mallikarjuna	S. Sai Prakash
		B. Rehana Thasleem	

# MECHONANCE '16

Can u match the frequency:

## A NATIONAL LEVEL STUDENTS' TECHNICAL SYMPOSIUM 2<sup>nd</sup> April 2016



Organized by  
Department of Mechanical Engineering



Department of Mechanical Engineering  
Madanapalle Institute of Technology & Science  
UGC- Autonomous

Approved by AICTE, New Delhi and Affiliated to JNTUA, Anantapuramu,  
Accredited by NBA, An ISO - 9001:2008 Certified Institution  
Post box No. 14, Angallu, Madanapalle- 517325, Chittoor (District), A.P.  
Ph.: No: +91-8571-280255, 280706, Fax: 08571-280433

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

## MAJOR TOPICS FOR PAPER PRESENTATION:

### *Engineering Design & Thermal Sciences*

- ✓ Machine Design
- ✓ Tribology
- ✓ FEM
- ✓ Vibrations
- ✓ Tool Design
- ✓ Recent trends in design
- ✓ Heat Transfer
- ✓ Energy Conversion
- ✓ Alternative Fuels
- ✓ I.C. Engines
- ✓ Computational Fluid Dynamics
- ✓ Recent Trends in R&A/c System
- ✓ Non-Conventional Energy Sources

### *Production Engineering & Industrial Engineering*

- ✓ CIM / FMS
- ✓ Rapid Prototyping
- ✓ Advanced Forming Techniques
- ✓ Mechatronics
- ✓ Composite Materials
- ✓ Recent Trends in Welding
- ✓ Recent Trends in Manufacturing
- ✓ Robotics
- ✓ Quality Control & Reliability
- ✓ TQM/JIT/ERP
- ✓ Supply Chain Management
- ✓ Value Engineering
- ✓ Optimization Techniques
- ✓ Six Sigma Concept

## PRIZES

- Attractive Cash prizes will be given for the best three papers in each stream.
- Also fabulous prize available for Project Expo.
- Participation certificates will be given to all the participants.

## INFORMATION TO PARTICIPANTS

- Maximum of two authors per paper.
- An author can submit a maximum of two papers.
- Two hard copies and one soft copy of the papers should be sent.
- Times New Roman font should be followed throughout the paper. Use font size of 12 on A4 size paper only.
- Subscribe the stream of paper on postal cover.
- The first page should contain the title of the paper followed by authors' names, E-mail IDs, and postal address of the college.
- Abstract should not contain more than 300 words and the full paper should not exceed 10 pages including figures and references.
- LCD projector will be provided.
- Two stamp size photographs and bonafide certificate of the authors should be enclosed along with the paper.
- Decision of the organizing Committee is final.
- Filled in registration form of the participant(s) must be sent after duly attested by the head of the institution.
- **Registration fee of Rs.100/-per participant has to be paid on the day of registration.**

## Objectives:

- To spread awareness on latest technologies among students in their chosen areas of specialization.
- To provide a platform for fruitful interaction and exchange of ideas among student participants.
- To expose students to the techniques and management practices to achieve the optimum utilization of available resources.
- To make the students improve their presentation skills and art of writing technical papers.

### Address for Communication:

CONVENER, MECHONANCE'16

PH.:+91-9100973374.

Email:drchakradharkvp@mits.ac.in

# MECHONANCE '16

*Can u match the frequency?*

## Registration Form

1. Name(s) of the participating students:

1.

2.

(Please enclose the bonafide certificates and two stamp size photographs)

2. Name & Address of the Institution:

3. Address for Correspondence:

4. Events: (Tick the event(s) for participation)

Paper Presentation

Project Expo

5. Whether accommodation is required: **Yes/No**

Phone No:

E-mail :

Station:

Date :

Signature of the  
Head of the Institution with seal

## **IMPORTANT DATES:**

Submission of full paper: **22<sup>nd</sup> March 2016**

Intimation of the selected papers: **28<sup>th</sup> March 2016**

Last date for Project Expo registration: **28<sup>th</sup> March 2016**

**Department of Mechanical Engineering**  
**Madanapalle Institute of Technology & Science**  
**UGC-Autonomous**

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Ananthapuramu.

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