



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (Deemed to be University)



Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi
NAAC Accredited with A+ Grade, NIRF India Rankings 2024 - Band: 201-300 (Engg.)
NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH, CST), MBA & MCA

A Report on Alumni Guest Lecture on “Future of Mechanical Engineering: Challenges, Opportunities, and Industry Expectations”

Organized by Department of Mechanical Engineering
in association with MITS Alumni Welfare Cell
on 06-08-2026

The poster is for an alumni guest lecture organized by the Department of Mechanical Engineering at MITS in association with the MITS Alumni Cell. The lecture is titled "Future of Mechanical Engineering: Challenges, Opportunities, and Industry Expectations" and is presented by Mr. R. Naveen, a Design Engineer at RADCAM Technologies, Bangalore. The event is scheduled for 06-08-2026 at KKB 004, starting at 2.00 PM. The poster also lists the Chief Patron (Dr. N. Vijaya Bhaskar Choudary), Patron (Shri. N. Dwarakanath and Mrs. Keerthi Nadella), Program Chair (Dr. C. Yuvaraj), Convenor (Dr. S. Baskaran), and Coordinator (Dr. Praveen Kumar Bannaravuri). The MITS logo and NAAC A+ accreditation are also displayed.

Report Submitted by: Dr. Praveen Kumar B, Sr. Assistant Professor & Alumni Coordinator, Department of Mechanical Engineering.

Resource person Details: Mr. R. Naveen, Design Engineer, RADCAM Technologies, Bangalore

Venue and Time: KKB 004 and 2.00 PM

Mode of Conduct: Offline

Attendees Count: 16 Mechanical Engg. 2nd year students and 3 faculty members.

Report Received on 11.08.2026.

Objective of the Program

1. To provide students with insights into current industry trends, challenges, and emerging opportunities in Mechanical Engineering.
2. To bridge the gap between academic learning and industry requirements by understanding the skills and competencies expected from Mechanical Engineering graduates.
3. To guide students in career planning and professional development through the experiences and practical insights of an industry professional.



Event details:

The Department of Mechanical Engineering, in association with Alumni Affairs, organized an Alumni Guest Lecture on **“Future of Mechanical Engineering: Challenges, Opportunities, and Industry Expectations”** for the students of MITS Deemed to be University on **06-08-2026**. The session aimed to provide students with valuable insights into the current trends, challenges, emerging opportunities, and industry expectations in the field of Mechanical Engineering. It also focused on bridging the gap between academic learning and industrial requirements by exposing students to real-world professional experiences.



The session commenced with a welcome and introductory address by **Dr. S. Baskaran, Head of the Department of Mechanical Engineering**, who highlighted the importance of industry–academia interaction and alumni engagement in enhancing students' professional knowledge and career readiness. He welcomed the resource person, **Mr. R. Naveen, Design Engineer, RADCAM Technologies, Bengaluru**, an alumnus of the **2024 batch of MITS**, and appreciated his contribution towards sharing valuable industry experiences with the students.

Mr. R. Naveen delivered an insightful lecture on “Future of Mechanical Engineering: Challenges, Opportunities, and Industry Expectations.” He discussed the evolving role of Mechanical Engineers in the modern industrial scenario, emerging technologies, changing industry requirements, and the importance of developing relevant technical and professional skills. He also shared practical insights from his professional experience and encouraged students to continuously upgrade their knowledge, adapt to technological advancements, and prepare themselves for emerging career opportunities.

The interaction provided students with a better understanding of the expectations of the industry and the skills required to succeed in their professional careers. The session also encouraged students to explore diverse career opportunities in Mechanical Engineering and develop a mindset of continuous learning and professional development.

Outcomes of the Event

1. Students gained a clear understanding of the evolving role of Mechanical Engineers, including current industry trends, emerging technologies, challenges, and career opportunities.
2. The session enhanced students' awareness of industry expectations and motivated them to develop relevant technical, practical, and professional skills for better career prospects.
3. Students were informed about internship opportunities at RADCAM Technologies, Bengaluru, with the resource person expressing his willingness to facilitate internship opportunities for interested and eligible students.