

Department of Mechanical Engineering

NEWSLETTER

SEP-OCT

2025

ISSUE-5



ABOUT US

Since from the inception 1997 the department is grown with all paces and bagged many laurels at university level. Department is able to produce universal engineers with competitive salaries. Our alumni are the strength of department in providing assistant in all aspects like placements, career development etc. department is rich in qualified and Experienced faculty and state of art laboratory facilities. A desire can change nothing; a decision can change something but a determination can change everything. For sure Department of Mechanical Engineering is strongly determined to provide its students a successful career.

Vision

To be a preferred department of learning for students and teachers alike, with a commitment towards Academics & Research, serving the students in an atmosphere of innovation, critical thinking and making them Industry ready.

Mission

- M1.** To provide adaptable education in a collaborative and innovative environment in skilling the graduates to solve real world problems in the field of Mechanical Engineering
- M2.** To prepare the students as critical thinking professionals with multidisciplinary research orientation and Innovation
- M3.** To instil ethical values and nurture the graduates who will be able to contribute to society

Newsletter Team

Head of the Department	Dr. G. Sasikumar Professor, Department of Mechanical Engineering		Dr. Bappa Mondal Assistant Professor, Department of Mechanical Engineering	Faculty Coordinator
				

Student Coordinators

						
A. LOKESH 23345A0306 2022 / A	K. SATISH 22341A0346 2022 / A	P. SUMANTH 23345A0323 2022 / B	A. RAHUL 23345A0325 2022 / B	T. ANIL 22341A03D7 2022 / C	S. JYOTSHNA 22341A03C3 2022 / C	B PAVAN KUMAR 23341A0308 2023 / A
						
K L KARTHIKYA 23341A0342 2023 / A	P. INDU 23341A0372 2023 / B	P. PAVAN 23341A0374 2023 / B	C. SAI KAILASH 24341A0321 2024 / A	B. ADITYA 24341A0313 2024 / A	P. BHAVANISA NKAR 24341A0389 2024 / B	M. KOMALI 24341A0377 2024 / B

Events and Achievements

- An alumni student Mr. KETIREDDY GOWTHAM KUMAR – (Mechanical, 2021-25 Batch), currently work as Graduate Engineer Trainee at LTIMindtree, gave an Expert Talk on **Career Opportunities in the Software Industry** on 09/09/2025.



- IST Student chapter, Department of Mechanical Engineering conducted an event entitled **“INNOVATE & EVOLVE”** on 11/09/2025



- SAE, Department of Mechanical Engineering conducted an event entitled **“CLUE to MOTO”** on 11/09/2025



- IST Student chapter, Department of Mechanical Engineering conducted an event entitled “**THINK, JUSTIFY, SOLVE**” on 12/09/2025



- Department of Mechanical Engineering presented an expert talk on **“Bridging Mechanical Engineering with Future Technologies: Discover IEEE opportunities”** on 12/09/2025



- An alumni student BHASKARA RAO, (Mechanical, 2021-25 Batch), presently working as GET JSW Steel, gave an Expert Talk on **Career Opportunities in the JSW Steel** as GET. On 17/09/2025

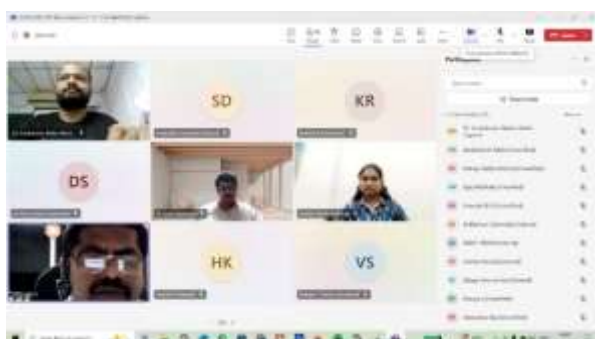


- An alumni student S Satya Sai, (Mechanical, 2021-25 Batch), presently working as GET JSW Steel, gave an Online Expert Talk on **Career Opportunities in Steel Industry** on 17/09/2025.



- Department of Mechanical Engineering the under the coordination of Dr. A L Naidu & Dr. P N L Pavani organised the AICTE (ATAL) sponsored Online FDP on **"The Role of Additive Manufacturing in the Era of**

Industry 4.0" held at GMR Institute of Technology, Rajam from 14/09/2025 to 19/09/2025.

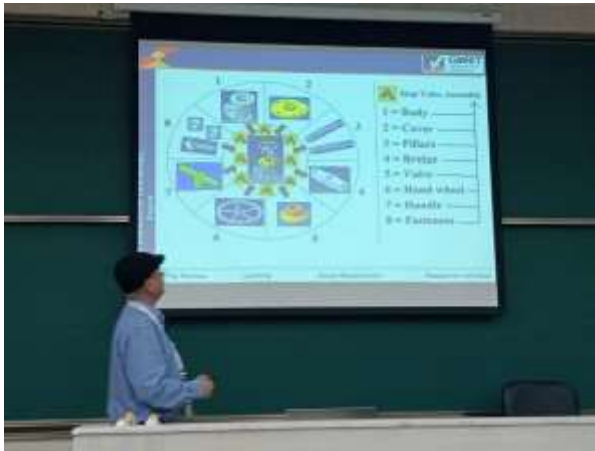


- Department of Mechanical Engineering presented an expert talk on “Electricity Mobility: EV Traction Motors & Powertrains for Mechanical Engineers” on 18/09/2025



- Dr.GVSS.Sharma delivered a guest lecture on ‘Spatial Visualization supporting a better product design for green energy storage’ in Indo-French workshop at IIT Bombay on 23.9.2025.





- Dr. Sudhakar Uppada, Dr. M Vykunta Rao, Dr. Chintada Vinod Babu completed the **NPTEL** Online Certification 4 week Course “**Python for Data Science**”
- Dr Bappa Mondal completed the Course Pathway on “Industrial Technical Drawings using AutoCAD” offered by L&T EduTech. This

pathway covered 13 courses with a total of 44 learning hours.

Placement

- **08 Students** (2022-26 Batch) have been selected in ***K12 Techno Services***.
- **11 Students** (2022-26 Batch) have been selected in ***Infosys***



Publications

International Journals:

1. **D. Pavan Nagendra**, "The Role of Group Discussions in Enhancing Communication and Confidence in B.Tech students: A Research Paper", *Utilitas Mathematica*, Vol.: 122, Issue: 1, pp. 396–404, ISSN: 0315-3681, Indexed in Scopus, DOI: Nil, October, 2025.

2. L. Natrayan, **Gorti Janardhan**, V. Swamy Nadh, Chidurala Srinivas, S. Kaliappan, G. Velmurugan, “Eco-friendly zinc oxide nanoparticles from Moringa oleifera leaf extract for photocatalytic and antibacterial applications”, *Clean Technologies and Environmental Policy*, Vol.: 27, Issue: October 2025, pp. 5761–5773, ISSN: 1618-954X, Indexed in Scopus, SCIE Q2,

<https://doi.org/10.1007/s10098-024-02814-1>, First published: 02.04.2024, Final published month: October, Final Published Year: 2025.

3. **Prashant Kumar Choudhary**, Subodh Kumar, Kulmani Mehar, “Linear buckling behavior of power and sigmoid FG cylindrical shells under axial compression or lateral pressure: a comparative study”, *Aircraft Engineering and Aerospace Technology: An International Journal*, Vol.: 97, Issue: 8, pp. 968–976, ISSN: 1748-8842, Indexed in Scopus, SCIE Q3, [https://doi.org/10.1108/AEAT-](https://doi.org/10.1108/AEAT-01-2025-0042)

[01-2025-0042](https://doi.org/10.1108/AEAT-01-2025-0042), First published: 05.08.2025, Final published month: September, Final Published Year: 2025.

4. Bappa Mondal et al Numerical analysis of mixing performance in micromixers with chambers and baffles for mixing applications. *Microsystem Technologies*, 2025, pp.1-18.


DOI:

<https://doi.org/10.1007/s00542-025-05929-7>

FDP attended

- Dr. Bappa Mondal completed the AICTE Training and Learning (ATAL) Academy FDP on “**Emerging Frontiers in Energy, Climate and Sustainability**” held at Government Engineering College, Samastipur, from 08/09/2025 to 13/09/2025.

- Dr. G Janardhan, Dr. Korada Santarao, and Dr. Bappa Mondal Completed the AICTE ATAL Faculty



Development Program on **“The Role of Additive Manufacturing in the Era of Industry 4.0”** at GMRIT (14–19 Sept 2025).

- Dr. GVSS Sharma, Dr. M Vykunta Rao, Dr. Korada Santarao, Dr. Chintada Vinod Babu, Dr. Kattela Siva Prasad completed the FDP on **“The Role of Artificial Intelligence in Manufacturing Industries”** held at MVGRCE - Vizianagaram, from 27/10/2025 to 31/10/2025.

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