



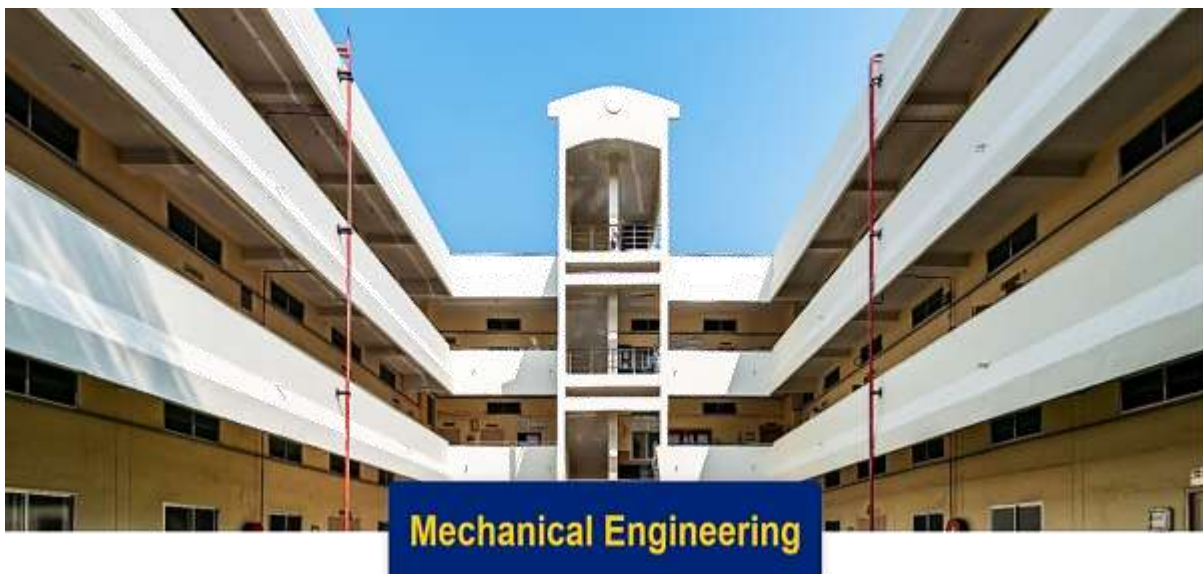
Department of Mechanical Engineering

NEWSLETTER

NOV-DEC

2025

ISSUE-6



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

- IST Student chapter, Department of Mechanical Engineering conducted an event entitled **“The Mech-mind”** on 04th December 2025



- Grad Talk session Conducted by Mr. Bhargav Gavini (2008-2012) (Unit Sales Manager) Dun &

Bradstreet on 5th December 2025



- SAE, Department of Mechanical Engineering conducted an event entitled **“EAR TO EYE CHALLENGE”** on 09th December 2025





- Yasaswani Kota (22341A0368), a final year student of Department of Mechanical Engineering presented a paper in International Conference on Innovations in Nanomaterials, Nano Devices & Smart Technologies (INNOST NANO 2025) held at SGT

UNIVERSITY, Gurugram, Haryana, India from 12-14 Nov 2025 (Title of presentation: Nano fluids Assisted analysis of Cutting Parameters to Improve Surface Roughness of Al-6351 alloy using machine learning).



- Dr. Korada Santarao, and Dr. Y Shireesha successfully completed the 6-month QIP Certificate Program on Blockchain and Data Science offered by IIT Patna during June - December 2025. The program aimed to bridge core engineering disciplines with emerging digital technologies like AI, machine learning, and blockchain.



- Dr. S. Ravi Babu has successfully completed the NPTEL Online Certification course “**Learning Analytics Tools**” (Jul–Oct 2025) offered by IIT Bombay, securing an **Elite certificate with a consolidated score of 85% and achieving a Top 5% rank** among 1969 certified candidates.



- Dr. G Janardhan has successfully completed the NPTEL Online Certification course “**Learning Analytics Tools**” (Jul–Oct 2025) offered by IIT Bombay.



- A group of Mechanical Engineering students have actively participated in the project exhibition and interaction sessions during the campus visit of Padma Shri Sudha Murthy Madam on 14th December 2025. They got the opportunity to

explain their project entitled “Mobile self-checkout system for smart shopping”.



Placement

- **23 Students** (2022-26 Batch) have been selected in **Infosys**
- **14 Students** (2022-26 Batch) have been selected in **JSW**

- **08 Students** (2022-26 Batch) have been selected in **K12 Techno Services**.
- **2 Students** (2022-26 Batch) have been selected in **Tata Advanced System**
- **1 Student** (2022-26 Batch) has been selected in **Medhaservo**
- **1 Student** (2022-26 Batch) has been selected in **Mycaptain**
- **2 Students** (2022-26 Batch) have been selected in **TTEC**

Publications

International Journals

1. **T.R. Vijaybabu**, Budumuru Mohini, Santosh Kumar Sahu, Ali El-Rayyes, "ML prediction of magneto-thermo-solutal convection in porous body via LBM", *International Communications in Heat and Mass Transfer*, Vol.: 169, Issue: Part E, pp. 109979, ISSN: 0735-1933, Indexed in: Scopus, SCIE Q1, DOI: <https://doi.org/10.1016/j.icheatmas>

[stransfer.2025.109979](https://doi.org/10.1063/5.0291825), First published: 31.10.2025, Final published: December, 2025.

2. **Gnanasekaran Sasikumar**, Ravichandran. A. T., Kavitha O. R., Hemalatha A., Das K. Mohan, Gupta Rupesh, Philip Jim Mathew, "Thermal and mass transfer analysis of micropolar casson nanofluids over rotating inclined surfaces with porous medium effects", *Journal of Environmental Protection and Ecology*, Vol.: 26, Issue: 6, pp. 2258–2268, ISSN: , Indexed in: Scopus, DOI: Nil, First published: 28.11.2025, Final published month: November, Final published year: 2025.

[International Conferences](#)

Ravi Kiran Mudidana, Vijay Muditana, **V. Rambabu**, "Heat transfer augmentation of hybrid nanofluids with alumina-titanium oxide dispersions: An investigational study", INTERNATIONAL CONFERENCE ON MANUFACTURING,

MATERIAL SCIENCE AND ENGINEERING: ICMMSE2024, Nalgonda, India, 16.08.2024–17.08.2024, *AIP Conference Proceedings*, pp. 030046, ISSN/ISBN: 1551-7616, Print ISSN 0094-243X, Indexed in: Scopus, <https://doi.org/10.1063/5.0291825>, First published: 03.10.2025, Final published: October, 2025.

FDP attended

- Dr. Korada Santarao, Dr. Bade Venkata Suresh, Dr. Y Shireesha Participated in the “Pre-Summit Event of the AI Impact Summit India 2026- “A seminar on Impact of AI on Teaching-Learning Process and Pedagogy” Organized by GMRIT-Rajam in Association with AICTE on 20th December 2025.

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