



GARIT
DEEMED TO BE
UNIVERSITY

Department of Mechanical Engineering

NEWSLETTER

JAN-FEB

2026

ISSUE-1



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

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

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|---|---|---|---|--|---|---|
|  |  |  |  |  |  |  |
| 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

- Department of Mechanical Engineering conducted an event “**CAD Combat**” on 02.01.2026. Total 54 no of participants participated in this event.



- Department of Mechanical Engineering conducted an event “**Aqua Blast**” on 02.01.2026. Total 75 no of participants participated in this event.



- Department of Mechanical Engineering conducted a workshop on “**Computational Fluid Dynamics**” on 02.01.2026. Total 42 no of participants participated in this event.



- Department of Mechanical Engineering conducted an event “**Assembly Arena**” on 03.01.2026. Total 63 no of participants participated in this event.



- Department of Mechanical Engineering conducted a workshop on “**Non-Destructive Testing**” on 02.01.2026. Total 52 no of participants participated in this event.



- Department of Mechanical Engineering conducted an event “Minute Masters” on 03.01.2026. Total 94 no of participants participated in this event.



- SAE and Department of Mechanical Engineering conducted a Group discussion on 10-1-2026 with participants of 60.

GARIT **SAE INDIA**

SAE MECHANICAL PRESENTS

Group Discussion

Exchange Ideas. Ignite Innovation.

Venue
Date: 10-1-2026
Time: 3:00-5:00 P.M
Mechanical block

FACULTY COORDINATOR:
 DR. PANKAJ KUMAR

STUDENT COORDINATORS:
 BHAVANI, HARISH, MANI

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- Department of Mechanical Engineering conducted a grad talk by Mrs. S. Chandini (2012 pass out), Sales force developer and Programming analyst, for Mechanical Engineering students on “Challenging Opportunities in Sales force and CRM” on 29.01.2026 .

- SAE and Department of Mechanical Engineering Go-cart team conducted KARTXTREME – Go-Kart Workshop on 9-02-2026 with 150 participants. The event provided valuable hands-on learning for students.



- Ch. Rajeswari a student of 2nd year, Mechanical Engineering Department participated International Conference on Flow Visualisation and Imaging Techniques held at IIT Madras from 13-15 February 2026.





- 15 students from Mechanical Engineering Department participated the 13th Go Kart Design Challenge - CV Category, organized by Isnee Motorsports Private Limited at Kari Motor Speedway, Coimbatore, from 20 - 24 February, 2026.



Placement



Publications

International Journals

1. M. V. N. V. Satyanarayana, Krishna Prakash Arunachalam, Pedro Naranjo Lamilla, Poondla Chiranjeevi, Durga Janaki Venkatesh, Bade Venkata Suresh, Nandipati Govind, "Surface Characterization and Comparison of AA2024 Subjected to Multiple Severe Plastic Deformation Techniques", Journal of Engineering Materials and Technology, Vol.: 148, Issue: 2, pp. 021005, ISSN: 1528-8889, Indexed in: Scopus, SCIE Q3, DOI: <https://doi.org/10.1115/1.4070362>, First published: 20.11.2025, Final published month: April, Final published year: 2026.
2. V. J. S. Chandramouli P, B. Balakrishna, V. Rambabu, "Overcoming Barriers for the Upscale of Biodiesel Production: A Pathway Towards Net Zero Transition", BioEnergy Research, Vol.: 19, Issue: 22, pp. 02-15, ISSN: 1939-1242, Indexed in Scopus, SCIE Q3, DOI: <https://doi.org/10.1007/s12155-026-10958-9>, First published: 21.01.2026, Final published month: January, Final published year: 2026.
3. Sasidhar Gurugubelli, Singuru Madhavarao, Yarrapragada K.S.S. Rao, Rapaka Jagadeesh, Ravikiran Balaga, Javed Syed, "Performance of Fe₂O₃/graphene hybrid nanofluids within an alternating oval tube: experimental investigation of the effects of pitch angle", Chemical Engineering Science, Vol.: 326, Issue: None, pp. 123537-1 to 123537-13, ISSN: 0009-2509, Indexed in Scopus, SCIE Q2, DOI: <https://doi.org/10.1016/j.ces.2026.123537>, First published: 15.05.2026, Final published month: May, Final published year: 2026.
4. T.R. Vijaybabu, Budumuru Mohini, Alok Patra, Borhen Louhichi, "Electrothermal convection from a hexagonal body: LB simulations and machine learning predictions", Thermal

Science and Engineering Progress, Vol.: 71, Issue: None, pp. 104575-1 to 104575-18, ISSN: 0009-2509, Indexed in Scopus, SCIE Q1, DOI: <https://doi.org/10.1016/j.tsep.2026.104575>, First published: 10.02.2026, Final published month: February, Final published year: 2026.

5. George, C., Neeraj, S.N., Kalpana, P., Naresh, H., Janardhan, G., Kumar, A. and Christo, M.S. (2026). Surface-functionalized carbon nanostructures for enhanced electrochemical sensing of heavy metals and pesticides in contaminated ecosystems. *Microchemical Journal*, 224, p.117451. Available at: <https://doi.org/10.1016/j.microc.2026.117451>. SCIE Scopus Q1 5.1 impact factor

FDP attended

- Dr. Korada Santa Rao and Dr. Bade Venkata Suresh attended FDP on "Battery Thermal Management System: Design, Optimization and ML Techniques" conducted by Department of Mechanical Engineering, MVGR College of

Engineering, Vizianagaram during 09.02.2026 to 14.02.2026.

- Dr. S. Ravibabu and Dr. G. Janardhan attended a One-Week Offline Management Development Program (MDP) organized by IT and CSE-AIDS in collaboration with CITD – MSME, titled: "Modern Data Analytics and Visualization using Python Libraries" from 23rd to 27th February 2026.

- Dr.S.Ravi babu, Attended 2 week FDP on "NEP 2020 Sensitization and awareness program" 16-2-26 to 26-2-26 organized by MMTTC, Kanchipuram.

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