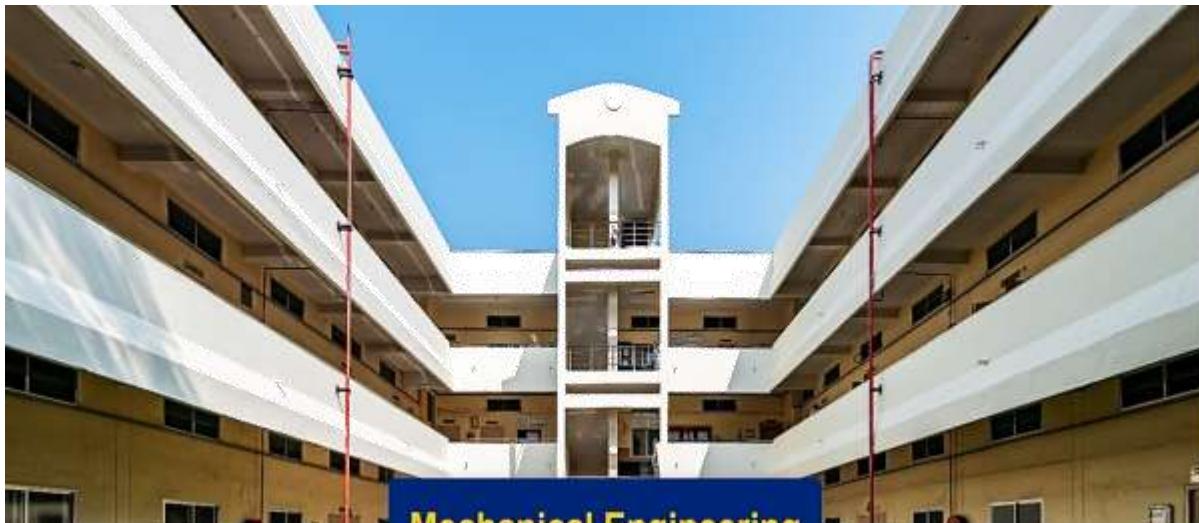


NEWSLETTER

MAY-JUNE

2025

ISSUE- 3



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

Head of the
Department

Dr. G. Sasikumar
Professor,
Department of Mechanical
Engineering



Faculty
Coordinator



Dr. Bappa Mondal
Assistant Professor,
Department of Mechanical
Engineering

Student Coordinators

SI	NAME	Regi. No.	Batch/ Sec.
1	CH. BALAJI	21341A0325	2021/ A
2	B. JOSHUA	21341A0309	2021/ A
3	G. LALITH KUMAR	22345A0319	2021/ B
4	V. AVINASH	22345A0320	2021/ B
5	V. KRISHNA RAO	21341A03D8	2021/ C
6	P. PAVAN	22345A0338	2021/ C
7	ALLAMPAL LI LOKESH	23345A0306	2022/ A
8	K. SATISH	22341A0346	2022/ A
9	P. SUMANTH	23345A0323	2022/ B
10	A RAHUL	23345A0325	2022/ B
11	T. ANIL	22341A03D7	2022/ C
12	S. JYOTSHNA	22341A03C3	2022/ C
13	B PAVAN KUMAR	23341A0308	2023/ A
14	K LOHITH KARTHIKYA	23341A0342	2023/ A
15	PINNINTI INDU	23341A0372	2023/ B
16	POGIRI PAVAN	23341A0374	2023/ B

Events and Achievements

- Dr. G Sasikumar Completed **SWAYAM-NPTEL Domain Certificate in Data Science (Computer Science).**
- Mechanical Engineering Department conducted **Department Level Project Expo** on 02.05.2025





- Mechanical Engineering Department, GMR Institute of Technology Conducted One Week Online Faculty Development Program on **“Innovative Applications of AI, ML and IoT in Engineering: Trends and Future Perspectives”** in Collaboration with Siddhartha Academy of Higher Education, Deemed to be University,

Vijayawada during 2nd to 06th June
2025

Publications

Placement

- 2021- 2025 Batch Mechanical Engineering Students received 167 offers.

S. No	Name of the Organisation	No. of students placed
1	MRF Tyres	32
2	JSW	26
3	MEIL	21
4	GMR Group	16
5	Rashmi Metalics	11
6	Philips	9
7	GGS Engineering	9
8	Interarch Building	7
9	GMR Group Phase -II	7
10	India Cements	6
11	Solarsquare	4
12	Tata Advance Systems	3
13	Milekal	3
14	Coromandel International Ltd	3
15	Infosys	2
16	LTI Mindtree	2
17	Beumer Group	2
18	Medha Servo	1
19	Vem Technologies	1
20	Veena Energy	1
21	Polycab	1

International Journals:

- K.V. Lavanya, Sasidhar Gurugubelli, Jyothi Budida, Premkumar G, Javed Syed, "Design and evaluation of graphene reinforced polymer nanocomposite EMI shielding effectiveness through component level studies", *Vacuum*, Vol.: 239, pp. 114396, ISSN: 0042-207X, SCOPUS, SCIE Q2, [10.1016/j.vacuum.2025.114396](https://doi.org/10.1016/j.vacuum.2025.114396), First published: 8 May 2025, September 2025.
- Prashant Kumar Choudhary, "Optimal design of variable angle tow laminated composite plate for maximum fundamental frequency using genetic algorithm", *Mechanics Based Design of Structures and Machines*, Vol.: Not specified, pp. Not specified, ISSN: 1539-7734, SCOPUS, SCIE Q2, [10.1080/15397734.2025.2496946](https://doi.org/10.1080/15397734.2025.2496946),

First published: April 27, 2025, April 2025.

3. Sasikumar, Gnanasekaran, Venumadhav, T., Ravichandran, A. T., Mithun, P., Vadivel, M., Gupta, Sheifali, Philip, Jim Mathew, "Synchrotron-Based X-Ray Absorption Spectroscopy for Probing Tribocatalytic Reactions and Oxidative Surface Transformations in High-Energy Conditions", *Oxidation Communications*, Vol.: 48, pp. 210, ISSN: 0209-4541, SCOPUS, First published: 02 April 2025, April 2025.

4. Kalpana P., Rambabu V., Tamijevendane S., Monica Nandini G.K., Sivarethnamohan Sujatha, Gupta Rupesh, Philip Jim Mathew, "AI-Powered Impact Modelling of Climate Change for Sustainable Land and Resource Management", *Journal of Environmental Protection and Ecology*, Vol.: 26, pp. 713-722, ISSN: 1311-5065, SCOPUS, First published: 20 April 2025, April 2025

5. Bappa Mondal, Ambarish Maji, "A brief review on analysis and recent development of parabolic trough collector", *Energy Storage and Saving*, Vol.: 4, Issue: 2, pp. 123-132, ISSN: 2772-6835, SCOPUS, <https://doi.org/10.1016/j.enss.2024.12.003>, First published: 11.01.2025, June 2025

6. Vinod Babu Chintada, Sudhakar Uppada, Thirumala Rao Gurugubelli, Ravindranadh Koutavarapu, Salman S. Alharthi, "Impact of electroless ZnO, SiC, and Al₂O₃ reinforced Ni-P coatings on brake pad properties", *iScience*, Vol.: 28, Issue: 6, e-ISSN:2589-0042, SCOPUS, SCIE Q1, <https://doi.org/10.1016/j.isci.2025.112680>, First published: 20.06.2025, June 2025

7. K. Arunkumar, Gogulamudi Balakrishna, Bh Lakshmi Pathi Raju, P. Prakash, Yadluri Ravi Kishore, Bade Venkata Suresh, M. Anil Kumar,

"Structure-Property Relationship in Cryo-Rolled AM50 Magnesium Alloy: From Grain Refinement to Ductility Gain", Journal of The Institution of Engineers (India): Series D, Vol.: , Issue: , ISSN: 2250-2122, SCOPUS, <https://doi.org/10.1007/s40033-025-00912-y>, First published: 14.06.2025, June 2025

8. Sasidhar Gurugubelli, K. V. Lavanya, Yarrapragada K. S. S. Rao, Ravikiran Balaga, Javed Syed, "Experimental investigation of hybrid nanofluid inlet temperature on the oval tube heat exchanger (OTHe) performance", Experimental Heat Transfer, Vol.: , Issue: , ISSN: 0891-6152, SCOPUS, SCIE Q2, <https://doi.org/10.1080/08916152.2025.2518984>, First published: 17.06.2025, June 2025

Manufacturability" organized by Teesside University on 09th June 2025.

- Dr. Gorti Janardhan attended a One Week Online Faculty Development Program titled "Innovative Applications of AI, ML and IoT in Engineering: Trends and Future Perspectives" organized by Department of Mechanical Engineering, GMR Institute of Technology, Rajam in collaboration with the Department of Mechanical Engineering, Siddhartha Academy of Higher Education-Deemed to be University, Vijayawada from 02nd to 06th June 2025.

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FDP attended

- Dr. G Sasidhar attend FDP on ***"Advances in Sustainable EV Battery Materials and***