

GMR Institute of Technology

An Autonomous Institute Affiliated to JNTU-GV, Vizianagaram



GARIT

Training Tomorrow's
Engineers Today

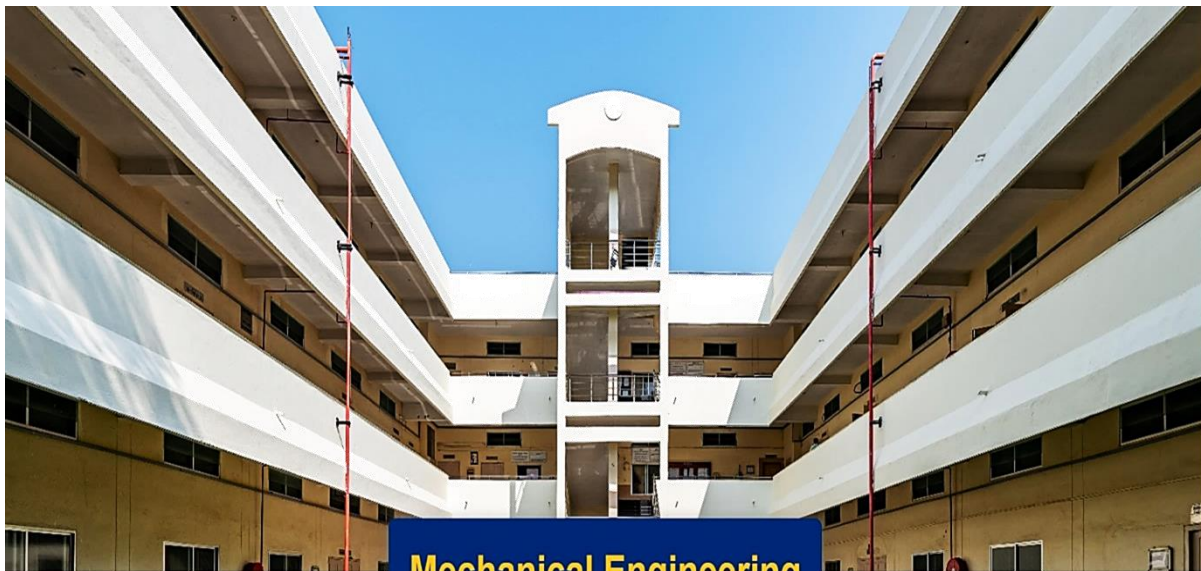
Department of Mechanical Engineering

NEWSLETTER

JULY- AUGUST

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Mechanical Engineering

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 dual commitment to Academics & Research, serving students in an atmosphere of innovation and critical thinking.

Mission

- To provide an adoptable education for the graduates in preparing them for a rewarding career to develop academics and research in collaboration with industry and other institutions in the field of Mechanical Engineering.
- To prepare the students as thinking professionals and good citizens who will be able to apply their knowledge critically and innovatively in solving contemporary professional and social problems.

Head of the
Department

Dr. G. Sasikumar

Professor,
Department of Mechanical
Engineering



Dr. Bappa Mondal

Assistant Professor,
Department of Mechanical
Engineering

Faculty
Coordinator

Events and Achievements

- Dr. B V Suresh got selected in AICTE-QIP-PG Certificate Programme in Block Chain and Data Science at IIT Patna.
- Dr. M Vykunta Rao, Dr. S Chiranjeeva Rao, Dr. S Ravi Babu, Dr. G V S S Sharama, Dr. B V Suresh, Dr. Y Shireesha attended International Conference on AI-PTIS 2024 on 5th and 6th July at GMRIT.
- Mechanical Engineering Department conducted two days orientation program for current 3rd Semester students during 8th -9th August 2024.





- Dr. Jami Papa Rao, Postdoc Fellow IIT Bombay (2014 batch) delivered a Guest lecture on “Career Opportunities in Mechanical Engineering” on 8th August 2024

Publications

International Journals:



1. Ravi Babu S., Pradeep Kumar P., Sasikumar G., Basha S.A., “Effect of Inclination and Thermoelectric Material on the Performance of Solar PV-Thermo Electric Cooling System”, Ecological Engineering and Environmental Technology, ISSN: 2719-7050, Scopus, Q3, 1st june 2024, <https://doi.org/10.12912/27197050/188599>
2. Ravindiran G., Rajamanickam S., Janardhan G., Hayder G., Alagumalai A., Mahian O., Lam S.S., Sonne C., “Production and modifications of biochar to engineered materials and its application for environmental sustainability: a review”, Biochar, ISSN: 2524-7867, SCIE, Q1, 21st June 2024, <https://doi.org/10.1007/s42773-024-00350-1>

3. Puvvada N.L.P.; Ronanki P.; Gupta M.S., “Enhancement of heat dissipation capacity with the application of nano fluids in an internal cooling system”, International Journal on Interactive Design and Manufacturing, ISSN: 1955-2513, Scopus, ESCI, Q2, Vol. 8, No. 5, Published on 19th May 2023, Issue date July 2024, <https://doi.org/10.1007/s12008-023-01321-9>

4. Sasikumar G.; Seethalakshmi N.; Shanmugapriya N.; Hemachandira V.S., “An integrated approach for evaluation of best Oil spill cleaning methods by analytical hierarchy process and multi-objective optimization by ratio analysis”, Journal of Integrated Science and Technology, ISSN: 2321-4635, Scopus, Q3, Published 10 June 2024, <https://doi.org/10.62110/sciencein.jist.2024.v12.831>

FDP attended

1. Dr. Gorti Janardhan, Dr.K.Siva Prasad, Dr. Prashant Kumar Choudhary, Dr. Shanmukha Sumdaram V R attended 5-day Faculty Development Program on “Quality enhancement in Deliverables, Question paper setting and Assessment (QDQA)” during July 22nd –27th , 2024 organized by IQAC, GMRIT

2. Dr. Bappa Mondal attend FDP on “The Future of Green Energy: Emerging Trends and Technologies” organized by the National Institute of Technology Mizoram from 5th August 2024 to 9th August 2024

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