

GMR Institute of Technology

An Autonomous Institute Affiliated to JNTU-GV, Vizianagaram



GARIT

Training Tomorrow's
Engineers Today

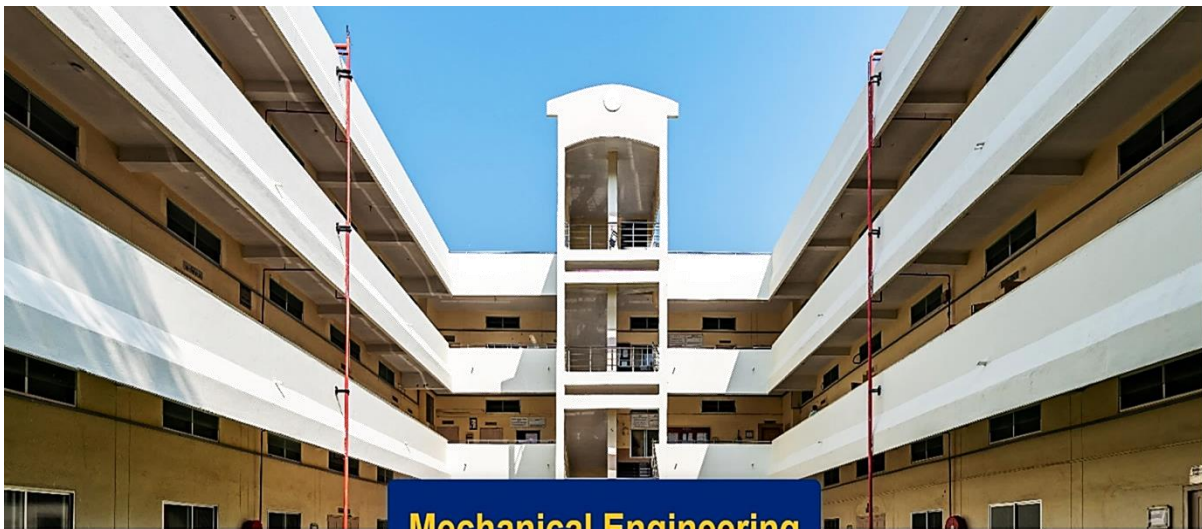
Department of Mechanical Engineering

NEWSLETTER

SEPT-OCT

2024

ISSUE- 5



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

- SAE Mechanical organised a department level event "TECHNOVISION" on 13.09.2024.

SAE MECHANICAL PRESENTS
TECHNOVISION

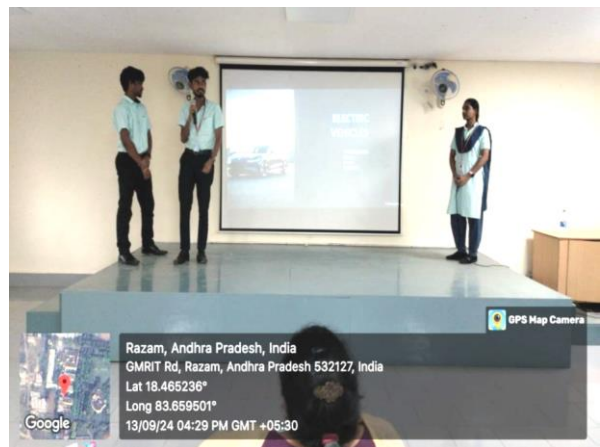
FRIDAY
13 September 2024

DOORS OPEN
03:30pm - 05:00pm

AT CIVIL SEMINAR HALL
Civil department, Block-3

Student Coordinators:
P.Manikanta
G.Asritha
Kowshik Varma
CH.Gowri naidu

Faculty Coordinator
Dr.Pankaj Kumar





- SAE Mechanical organised a department level event “TECH QUIZ” on 20.09.2024.



- B Akhilesh (22341A0309) completed the All-India NCC Trekking Expedition – 2024 Andhra Pradesh Trek – II held at Araku Valley from 04.10.2024 to 11.10.2024 conducted by 2 (A) Girls Bn NCC Vizianagaram under the aegis of NCC Group HQ Visakhapatnam and NCC Dte AP & T, Secunderbad.

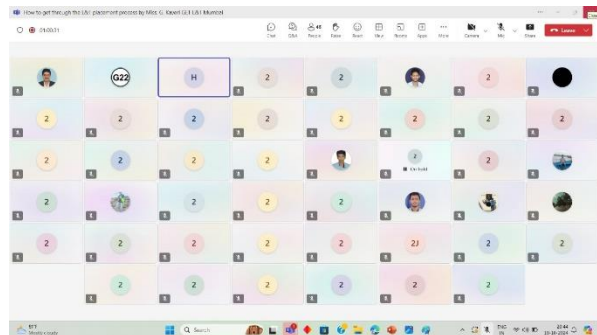


- N. Joshap Raju (22341A03F3) participated in Andhra Pradesh Inter District Athletics Championship For Boys & Girls U-20 years organised by East Godavari District Athletics Association held at Rajamahendravaram Arts College Grounds, Rajamahendravaram from 04.10.2024 to 06.10.2024

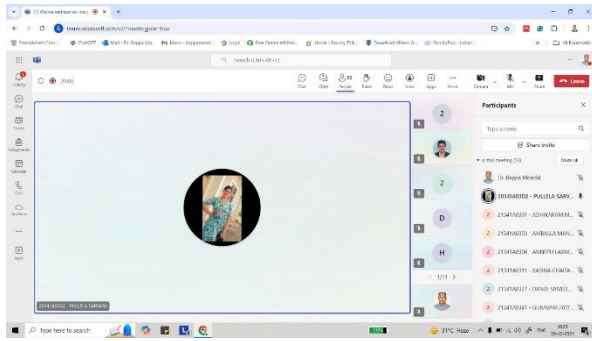


- An Online Webinar was organised on Best Ways to Succeed in core company Placements delivered by Mr. Bharat GET TCE 2024 Batch Mechanical Student on 19.10.2024
- An online webinar was organized on How To Crack L&T Drive Successfully delivered by Miss. G. Kaveri (GET L&T Mumbai) 2024 Batch Mechanical Student on 19.10.2024.

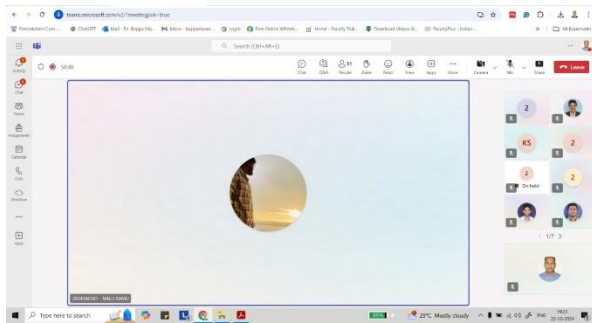
- G. SUDHEER KUMAR (21341A0342), G. SRINIVAS (21341A0339), A KARTHIK (22341A0302), B V NARAYANAMURTHI (22341A0319), C. GOWRI NAIDU (22341A0323), L KURMINAIDU (22341A0371), M. KRISHNABABU (22341A0378), M. HARSHA VARDHAN (22341A0375), N NARESH (22341A0389) attended **COMBINED ANNUAL TRAINING CAMP – VI** organised by 14(A) BN NCC, Srikakulam during 05.10.2024 to 14.10.2024 at AITAM, Tekkali.



- An online session on Insights on Career Opportunities for Final Year Students in L&T delivered by Miss P Sarvani (GET L&T) 2024 batch Mechanical Engineering on 20.10.2024.



- Guest Lecture On Strategies to Get Selected in Core Companies By Nalli Ramu L&T GET 2024 Batch on 22.10.2024



- A third-year student P. Manikanta (22341A0392) attended Taekwondo selections for national level held at MVGR college on 23-10-2024.



- SAE Mechanical organised a department level event "PUZZLE METRIX" on 24.10.2024.

GARIT
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SAE INDIA
Society of Automotive Engineers INDIA

SAE MECHANICAL PRESENTS

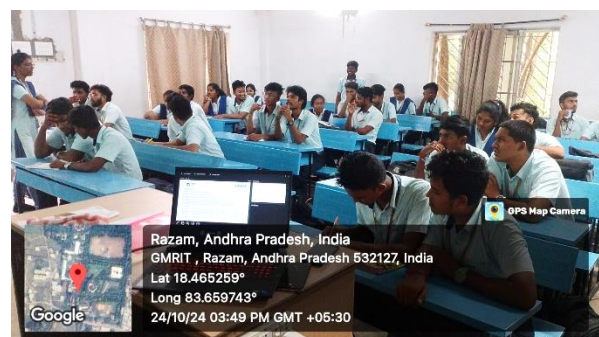
PUZZLE MATRIX

OCTOBER 24, 2024
3:30 TO 5:00 PM
Venue: 2-F-01

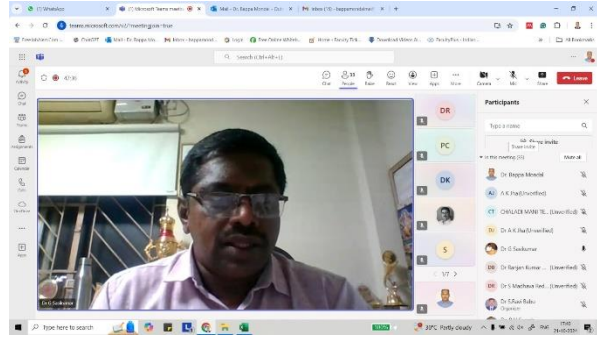
M H N
G R T

student coordinators:
K.Sandeep
P.Keerthika
B.Niteesh

Faculty coordinator:
Dr.Pankaj kumar



- Department of Mechanical Engineering, GMR Institute of Technology and National Institute of Technology, Warangal organised A Collaborative Five Day Online Faculty Development Program (Joint-FDP) on Recent Trends in Digital Manufacturing Technologies: Scope, Impact and Applications during 21.10.2024 to 25.10.2024.



Publications

International Journals:

- Gummaluri V.S.S.S., “Postdigital concerns relating to teaching and learning of machine drawing”, International Journal of Mechanical Engineering Education, ISSN: 2050-4586, Scopus, Q3, 10.1177/03064190231199248
- Satyanarayana M.V.N.V.; Yanda S.; Kranthi Kumar K.; Suresh B.V.; Venkatesh D.J.; Kolagotla R.K.; Gudar K.R., “Effect of multi-pass overlapping friction stir processing on fatigue behavior of Al-Cu alloy”, Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, ISSN: 2041-3076, SCIE, Q2, 10.1177/14644207241276721
- Uppada S.; Yanda S.; Kandi K.K.; Prakash P.; Janaki D.V., “Effect of Accumulative Roll Bonding on Microstructure and Mechanical Behavior of Al6061”, Journal of The




A Collaborative Five Day Online Faculty Development Program (Joint-FDP)

on

Recent Trends in Digital Manufacturing Technologies: Scope, Impact and Applications

21st to 25th October, 2024

Organized by

Department of Mechanical Engineering
GMR Institute of Technology
Rajam, Vizianagaram, A.P.
(An Autonomous Institution affiliated to JNTU-GV, Accredited by
NBA under Tier-1 and NAAC with 'A' Grade)

&

Department of Mechanical Engineering
National Institute of Technology
Warangal, Telangana

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<https://nitw.ac.in/>



Institution of Engineers (India): Series D,
ISSN: 2250-2130, SCIE, Q3,
10.1007/s40033-024-00805-6

•D V.; Villagomez-Galindo M.; Valencia A.B.M.; KR N.; Kaur A.J.; Potnuru U.K.; Chohan J.S.; Suresh B.V.; Maurya S., "Unitary Root-MUSIC Method with Nystrom Approximation for 3D Sparse Array DOA Estimation in Sensor Networks", IEEE Sensors Letters, ISSN: 2475-1472, Scopus, Q2, 10.1109/LSENS.2024.3451723

•Reddy K.V.; Vykuntarao M.; Kandi K.K.; Chekuri R.B.R.; Chekuri R.; Janaki D.V.; Satyanarayana M.V.N.V., "Microstructure, Texture Evolution and Mechanical Characteristics of Ultrafine-Grained Structure in Friction Stir Processed Aluminum Alloys", Journal of The Institution of Engineers (India): Series D, ISSN: 2250-2130, SCIE, Q3, 10.1007/s40033-024-00804-7

•Sharma G.V.S.S.; Rao M.S.; Prasad C.L.V.R.S.V.; Chamarty S., "Physical Visualization for the Well-Being of the Hearing Impaired – A DMAIC Methodical Approach", International Journal of Community Well-Being, ISSN: 2524-5309, Scopus, Q2, <https://doi.org/10.1007/s42413-024-00228-x>

FDP attended

- Dr. Prasanth Kumar Choudary attend FDP on "Expoloing IoT & AI Frontier in Teaching and Research " organized by the HRDC, IEM-UEM Group from 2nd September 2024 to 6th September 2024
- Dr Bappa Mondal attended 5-day Faculty Development Program (FDP) on "The Future of Mechanical Engineering: AI and Its Transformative Impact", held from 17th to 21st September 2024 organized by Techno University West Bengal.
- Mr. G Sasidhar attend FDP on "Material Characterization and Optimization through Soft Skills" organized by the CVR College of Engineering, Ragareddy from 24th September 2024 to 24th September 2024

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