

May-June 2022



NEWSLETTER



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 is 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.

Academic Achievements:

Guest lecturers by our faculty

Dr. G. Janardhan, Senior Assistant Professor (Mechanical Department) delivered an expert lecture on “**Welding behaviour of automotive steels**” during one-week Online Faculty Development Programme on “**Progressive Trends in Mechanical Engineering and Allied Fields**” from **28 June to 02 July 2022** organized by Department of Mechanical Engineering G H Raison College of Engineering [GHRCE] Nagpur.

G H Raison College of Engineering, Nagpur
(An Autonomous Institute affiliated to RTM Nagpur University, NAAC "A+" Grade, Ranked 1st by ARIIA 2021 & Ranked 130th by NIRF 2021 in Engineering)

One Week Online
Faculty Development Programme
on
"Progressive Trends in Mechanical Engineering and Allied Fields"
28th June - 2nd July, 2022

SAEINDIA Western Section - Nagpur Chapter
&
ISHRAE Nagpur Chapter
Organized by
COE of Flexible Manufacturing system/Robotic
Design and Mechanical Engineering Department

Resource Person

Dr. G. Janardhan
Assistant Professor
Department of Mechanical Engineering
GMR Institute of Technology, Rajam

on
**Welding Behaviour of
Automotive Steels**

Coordinators
Dr. Md. Meraj, Dr. Anand Babu Kotta

Dr. Bappa Mondal, Senior Assistant Professor (Mechanical Department) delivered an expert webinar on “**Micromixers for different applications**” on **29th June 2022** organized by Parul University, Vadodara.

Parul[®] University
Parul Institute of Engineering & Technology and
Doctoral Studies & Research

**WEBINAR ON
Micromixers For Different
Applications**

Dr. Bappa Mondal
Sr. Assistant Professor,
GMR Institute of Technology, Rajam, AP

29 June 2022
4:00 PM ONWARDS

FDPs/conference/workshops/seminars attended

1. **Dr. S Ravi Babu** attended Virtual Workshop on “Modern Trends in Developing a Sustainable and Ecologically Conscious City” organized by Parul University jointly

- with L&T-S&L, NASSCOM, NIRVEDHA-Tech and Advanced Technology Institute, University of Surrey, UK on 11th June 2022
2. **Dr. G V S S Sharma** attended International Conference on “Materials, Computing & Communication Technologies (ICMCCT 2022)” organized by Annai Vailankanni College of Engineering, AVK Nagar, Pottalkulam on 20th June 2022
 3. **Dr. Ambarish Maji** attended International Conference on “Materials, Computing & Communication Technologies (ICMCCT 2022)” organized by Annai Vailankanni College of Engineering, AVK Nagar, Pottalkulam on 20th June 2022
 4. **Mr. A Lakshumu Naidu** attended International Conference on “ Materials, Computing & Communication Technologies (ICMCCT 2022)” organized by Annai Vailankanni College of Engineering, AVK Nagar, Pottalkulam on 20th June 2022.
 5. **Dr. S Chiranjeeva Rao** attend a 5 day FDP on” AI-ML and Teaching Methodologies” organized by GMRIT-Rajam in Association with AP Information Technology Academy & Common Wealth Educational Media Centre for Asia (CEMCA)on 20th to 24th June 2022.
 6. **Dr. Ch Vinod Babu** attend a 5-day FDP on” AI-ML and Teaching Methodologies” organized by GMRIT-Rajam in Association with AP Information Technology Academy & Common Wealth Educational Media Centre for Asia (CEMCA) on 20th to 24th June 2022.
 7. **Dr. S Ravi Babu** attend a 5-day FDP on” AI-ML and Teaching Methodologies” organized by GMRIT-Rajam in Association with AP Information Technology Academy & Common Wealth Educational Media Centre for Asia (CEMCA)on 20th to 24th June 2022.
 8. **Dr. M. Srinivasa Rao** attend a 5-day FDP on” AI-ML and Teaching Methodologies” organized by GMRIT-Rajam in Association with AP Information Technology Academy & Common Wealth Educational Media Centre for Asia (CEMCA)on 20th to 24th June 2022.
 9. **Mr. Sasidhar Gurugubelli** attend Webinar on ”Baisc Bioinformatics Operations using Python” organized by MathTech Thinking Foundation (MTTF) on 28th May 2022.
 10. **Mr. U Sudhakar** attended” Ultimate Python Bootcamp For Data Science & Machine Learning” organized by Udemy on 19th May 2022.
 11. **Dr. Bappa Mondal, Dr. K Santarao, Mr. Sudhakar Uppada** attend FDP on “Progressive Trends in Mechanical Engineering and Allied Fields” organized by Center of Excellence of FMS / Robtic Design with Mechanical Engineering Department, G H Raisoni College of Engineering Nagpur on 28th June - 2 nd July 2022.

Placements 2021-22

In the post covid times the final year outgoing batch (2021-22) of Department of Mechanical Engineering brought laurels to the institute by placing in the top multinational companies of our country with a total number of offers withstanding at **189 offers**. The highest salary of **7.5 lakhs** was bagged by our student in the Upgrad firm. The average CTC of the students stood at 4.04 Lakhs.

PLACEMENT SEASON 2021-2022

GMR Institute of Technology
An Autonomous Institute Affiliated to JNTUK, Kakinada

GMRIT
Training Tomorrow's
Engineers Today

Department of Mechanical Engineering

<p>LPA : 4.3 accenture 4</p>	<p>LPA : 4 Capgemini 10</p>	<p>LPA : 4 Cognizant 31</p>
<p>LPA : 3.5 DEEPAK FERTILISERS AND PETROCHEMICALS CORPORATION LIMITED 3</p>	<p>LPA : 4.5 GMR 9</p>	<p>LPA : 3 HUMSAFAR 1</p>
<p>LPA : 4.5 HYUNDAI MOBIS 1</p>	<p>LPA : 3.5 infinite 4</p>	<p>LPA : 3 INFOLOB 1</p>
<p>LPA : 3.6 Infosys 11</p>	<p>LPA : 5.5 JSW 1</p>	<p>LPA : 6 LARSEN & TOUBRO 6</p>
<p>LPA : 3.6 pennant 4</p>	<p>LPA : 3.25 Quest 4</p>	<p>LPA : 3.5 tcs 19</p>
<p>LPA : 2.5 TKE 1</p>	<p>LPA : 7.5 upGrad 1</p>	<p>LPA : 4.6 verzeo 5</p>
<p>LPA : 3.5 wipro 32</p>	<p>LPA : 3.5 wipro ELITE NTH 25</p>	<p>LPA : 6.5 wipro Turbo 14</p>
<p>LPA : 4.5 Vistex 1</p>	<p>Total No. Of Offers : 189 Average LPA : 4.04</p>	
		<p>LPA : 3.6 ZENQ 1</p>

Journal Publications

1. A. Lakshumu Naidu, V. Rambabu, "A review on challenges in emergence industry 4.0 and education 4.0 in India", Journal of Positive School Psychology, 2022, Vol.6, No.2, pp. 6109-6117 (ISSN: 2717-7564) (Indexed in : Scopus) Q2, <https://journalppw.com/index.php/jpsp/article/view/3936>
2. Sumit Kumar Mehta, Bappa Mondal, Sukumar Pati, Promod Kumar Patowari, "Enhanced electroosmotic mixing of non-Newtonian fluids in a heterogeneous surface charged micromixer with obstacles", Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, (ISSN: 1873-4359) (Indexed in: SCIE and scopus) Q2, <https://www.sciencedirect.com/science/article/abs/pii/S0927775722009700>
3. Gorti Janardhan, Goutam Mukhopadhyay, Krishna Dutta, "Failure behaviour of Spot-welds on automotive steel sheets", Materials Today: Proceedings, 2022, (ISSN: 2214-7853) (Indexed in Scopus) Not yet assigned Quartile, <https://www.sciencedirect.com/science/article/pii/S2214785322032916>.
4. Chiranjeeva Rao. Seela " CARBON NANOTUBES (MWCNTs) ADDED BIODIESEL BLENDS: AN ENGINE ANALYSIS", Rasayan Journal of Chemistry, Vol. 15, No. 2, pp. 1009-1020 (ISSN: 0976-0083) (2022), (Indexed in : Scopus), Q2, http://rasayanjournal.co.in/admin/php/upload/3567_pdf.pdf
5. Vykunta Rao M, Suresh B V, Vinod Babu Ch., "Investigation of the Impact of Vibrations on the Fatigue Behaviour of Al 5052 Alloy Weldments", International Journal of Mechanical

- Engineering, Vol. 7, Special Issue 5, April 2022, pp. 79-84, (ISSN 0974-5823), (Indexed in : Scopus), Not yet assigned Quartile, https://kalaharijournals.com/resources/Special_Issue_April_11.pdf
6. K Santarao, Munmun Bhaumik, Prasad C L V R S V "SURFACE IMPROVEMENT OF AISI D3 STEEL EMPLOYING SiC BLENDED DIELECTRIC IN ELECTRIC DIE SINKING PROCESS" International Journal of Modern Manufacturing Technologies, Vol. XIV, no. 1, 2022, pp 75-80, ISSN 2067-3604, (Indexed in : Scopus), Q3, https://www.ijmmt.ro/vol14no12022/09_Korada.pdf
 7. Sasidhar Gurugubelli and V.V.S. Kesava Rao, "Investigation on Effect of Pulsed Current Micro Plasma Arc Weld Parameters on UNS S32750 Super Duplex Stainless Steel Sheets", International Journal of Modern Manufacturing Technologies, Vol. XIV, No. 1, (2022), pp. 64-74, ISSN 2067-3604, (Indexed in : Scopus), Q3, https://www.ijmmt.ro/vol14no12022/08_Gurugubelli.pdf
 8. V Rambabu, M Jaya Krishna, A Lakshumu Naidu, "Tribological Behaviour of Biodiesel and Metal Oxide Nanoparticles as Alternative Lubricant: A Pin-on-Disc Tribometer and Wear Study", Journal of Positive School Psychology, Vol. 6, No. 5, pp. 2066-2074, ISSN : 2717-7564, Q2.