

March- April 2023



# NEWSLETTER



ISSUE-2



## 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.

## Students Achievements:

The faculties and non-teaching staffs of mechanical engineering department received long service awards on April 19<sup>th</sup> 2023 in the hands of Mr. Ashwani Lohani (CEO GMRVF) for rendering their services for a period of 10 to 20 years to the institute.



The mechanical engineering department organized a joint faculty development on One Week Online Faculty Development Programme On CONTEMPORARY ADVANCEMENTS IN MATERIALS PROCESSING AND CHARACTERIZATION April 24th –April 29th, 2023 in joint collaboration with Department of Mechanical NIT Warangal under the coordination of **Dr. K. Santa Rao** (Associate Professor) and **Dr. Y.Shireesha** (Assistant Professor).



The department of mechanical engineering won the inter institute staff cricket league tournament organized on the eve of sports day celebration on 25<sup>th</sup> March 2023. The final match was played between department of mechanical Engineering and computer science engineering. Dr. B V Suresh was award man of the match from the winner's side.



Department of Mechanical Engineering organized a central level business plan presentation competition based on the scalability of min projects in collaboration with EDC cell, ISTE and IIC council on March 17th 2023. Around 15 to 20 participants attended the event.



## Placements Achievements:

The students' of 2023 batch mechanical engineering department bagged 100 offered in several esteemed multinational core and non-core companies. The total number of distinct offers stood at 90. The Highest CTC of 7 lakhs per annum and average CTC 4.5 lakhs per annum.

| Department of Mechanical Engineering 2023 placements |  |   |
|--|--|---|
| 27   |  | 4 |
| 25   |  | 4 |
| 6  |  | 1 |
| 6  |  | 1 |
| 7  |  | 1 |
|  |  | 4 |
|  |  | 1 |
|  |  | 1 |
|  |  | 1 |
|  |  | 2 |
|  |  | 3 |
|  |  | 7 |
|  |  | 1 |
|  |  | 2 |

100 distinct offers.....  
Number of students placed -90

## Academic Achievements:

### Technical Paper Publication and workshops in Conferences

Mr. P. Lohit, Mr. P. Pradeep, Mr. R. Sandeep, and Mr. V. Gopisanth, won the best paper presentation award during RADIANT2K23 organized by Department of Information technology, ANITS college Visakhapatnam on 2<sup>nd</sup> March and 3<sup>rd</sup> March 2023.

**Miss. S.V.P.S Lahari and Mr. G. Poorna Chandra Mohan Naidu** won 3<sup>rd</sup> place in the paper presentation competition during IGNITION2023 organized by Department of Mechanical Engineering, ANITS college Vishakapatnam on 2<sup>nd</sup> and 3<sup>rd</sup> March 2023.



## Journal Publications

1. **Bade Venkata Suresh**, Yegireddi Shireesha, Teegala Srinivasa Kishore, Gaurav Dwivedi, Ali Torabi Haghighi, Epari Ritesh Patro, “Natural energy materials and storage systems for solar dryers: State of the art”, Solar Energy Materials and Solar Cells, pp. 1-24, ISSN : 0927-0248, **2023**, SCIE indexed, Q1 <https://doi.org/10.1016/j.solmat.2023.112276>
2. **Gummaluri Venkata Surya Subrahmanya Sharma**, “Spatial visualization for development of visual thinking and cognitive abilities among mechanical engineering students through tool design ideation”, International Journal of Mechanical Engineering

- Education, pp. 1-16, ISSN : 2050-4586, Scopus indexed, ESCI, Q2, <https://journals.sagepub.com/doi/abs/10.1177/03064190231164049>
3. Srikiran, S., **P. N. L. Pavani**, and Kumaran Palani. "Modeling of Nanolubricant-Assisted Machining Process by using Multiple Regression Analysis." Journal of Nanomaterials 2023, Article ID 3669399, pp. 1-12, ISSN : 1687-4129, Scopus indexed <https://doi.org/10.1155/2023/3669399>
  4. **Simhadri, K.**, Rao, P.S., Paswan, M.K., "Effect of changing injection pressure on Mahua oil and biodiesel combustion with CeO<sub>2</sub> nanoparticle blend on CI engine performance and emission characteristics", International Journal of Hydrogen Energy, SCI indexed, <https://doi.org/10.1016/j.ijhydene.2023.03.267>.
  5. **A.Lakshmu Naidu**, R.Daniprasheel, P.Mani Murali, V.Somasekhar, P.Siva Kiran, S.D.V.M.Srinivasa Reddy, V.Jaya Kumar, "A Review on Fabrication and Printing of Metal-Polymer Composite Filaments", European Chemical Bulletin, Vol.12/No.3, pp327-345, ISSN: 2063-5346, Scopus
  6. **Seela Chiranjeeva Rao**, Ravi Sankar B "Assessment of Al<sub>2</sub>O<sub>3</sub>-JME nano emulsion blends influence on Variable Compression Ratio", International Journal of Energy, Environment, and Economics, Vol.29 Issue.3, 2022, pp.303-312, ISSN : 1054-853X, Scopus indexed, Q4, <https://novapublishers.com/shop/assessment-of-al2o3-jme-nano-emulsion-blends-influence-on-variable-compression-ratio-engine/>
  7. **Bade Venkata Suresh**, Yegireddi Shireesha, Teegala Srinivasa Kishore, Gaurav Dwivedi, Ali Torabi Haghighi, Epari Ritesh Patro, "Natural energy materials and storage systems for solar dryers: State of the art", Solar Energy Materials and Solar Cells, pp. 1-24, ISSN : 0927-0248, SCIE indexed, Q1, <https://www.sciencedirect.com/science/article/pii/S0927024823000971>
  8. **T. R. Vijaybabu**, T. Ramesh, Suman Pandipati, Sujit Mishra, G Sridevi, C Pradeep Raja, Rhoda Afriyie Mensah, Oisik Das, Manjusri Misra, Amar Mohanty, Karthik Babu NB, "High Thermal Conductivity Polymer Composites Fabrication through Conventional and 3D Printing Processes: State-of-the-Art and Future Trends", Macro Molecular Materials and Engineering, pp 1-19, ISSN:1439-2054 SCIE indexed Impact factor 4.402, <https://doi.org/10.1002/mame.202300001>