

March - April 2022



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.

Events and Achievements:

Guest lecturers

The students of 2nd, 3rd and 4th year attended the guest lecture given by Mr. Pradeep Panicker (Chief executive officer), GHIAL, Hyderabad, Telangana on “ *Technology in Airport sectors*” dated 11th March 2022.

Internships

Sacheth Sai kiran, Sriram Javvadi, and Vijay Mohan Reddy Kammakatla of 4th year are doing full time semester internship at Universiti Teknologi PETRONAS, Malaysia.



Thank you meet

- The final year outgoing students’ batch (2018-22) of Department of Mechanical engineering organized “*Thanks giving party*” for all the staff members on 26th April 2022 at 6.30 PM at college canteen. It was celebrated with great pomp and joy in a bombastic manner. The event was followed by graceful dance performances delivered, melodious songs sung by our students, and cake cutting ceremony to embrace the occasion. Everyone remembered all the joyful moments spent in the college in the last four years.





Sports achievements by our students

K. Lakshmana Murthy of 3rd year won 1st place in 1500 meters long run, discus throw, and Long Jump during annual sport day event.

K. Lakshmana Murthy of 3rd year won 2nd place in 100 meters sprint and High Jump events during Annual sports day 2022.

K. Lakshmana Murthy of 3rd year won 3rd place in Shotput events held during the Annual sports day.

He was adjudged as “**All round champion**” in the category of Athletics event for the academic year 2021-22 during sports day celebrations on 23rd April 2022.



Mr. K. Venkatesh of 3rd year stood runner up in the Kabaddi, volleyball, and football. He stood winners in the cricket event conducted on the eve of the Annual Sports day celebrations of the institute.





Sports achievements by our faculties

The mechanical department won the first prize in the volley ball event held during the annual sport day celebrations for the academic year 2021-22. The winning team included Dr. V. Rambabu (Professor), Dr. B. V. Suresh (Assistant Professor), Mr. U. Sudhakar (Assistant Professor), Mr. K. Simhadri (Assistant Professor), Chandra Mohan Gupta (Attender), and N. Mohan (Technician).



The mechanical department represented by Dr. B. V. Suresh (Assistant Professor) and N. Govinda Rao (Assistant Professor) won the runners prize in the badminton doubles event held during the annual sport day celebrations for the academic year 2021-22.



Placement details

Batch 2017-21

Average Salary: 3.13 lakhs

Number of offers: 70

Company name	No. of student placed
Accenture	5
CAPGEMINI	4
Cognizant	1
Infosys	1
TCS	8
GMR Group	9
ABHIJEET FERROTECH LIMITED	1
TechnipFMC	1
BeetleRim tech	6
Tresbu Digital India Private Limited	4
MEDHASERVO	4
RMSI	4
XL Dynamics	5
KPIT	5
Ttech	7
T & AS	7

Batch: 2018-22

Total offers received: 174

Highest package: 6.5 lakhs (**Wipro Turbo Upgrade**).

Lowest package: 3.25 lakhs (**Quest Global**).

Placements still counting.

Journal Publications:

1. Moorthi, M., Murugesan, A., Alagumalai, A., 2022. "Effect of nanoparticles on DI-CI engine characteristics fueled with biodiesel–diesel blends—A critical review". *J. Therm. Anal. Calorim.* February 2022 (ISSN: 1588-2926) (Indexed in : SCIE and scopus) (Impact factor: 4.6) Q2 <https://doi.org/10.1007/s10973-022-11234-6>
 2. Shanmugam, S.K.M., Muthusamy, S., Ramasamy, R.K., Alagumalai, A., 2022. "Towards improved performance and lower exhaust emissions using exhaust gas recirculation coupled compression ignition engine fuelled with nanofuel blends". *Energy Sources, Part A Recover. Util. Environ. Eff.* 0, 1–17. February 2022 (ISSN: 1556-7036) (Indexed in : SCIE and scopus) Q2 (Impact factor: 3.44) <https://doi.org/10.1080/15567036.2022.2038734>
 3. Lakshumu Naidu, V. Rambabu 2022. "Acoustic noise optimum analysis on home appliances", *International Journal of Mechanical Engineering*, Vol. 7, No.1, January 2022, pp. 7001-7010, (ISSN: 0974-5823) (Indexed in : scopus) Q4 https://kalaharijournals.com/resources/IJME_Vol7.1_742.pdf
 4. Vinod Babu Chintada, Thirumala Rao Gurugubelli, Ravindra Kotavarapu, "An investigation over the effect of the reducing agent on the properties of the ZnO-reinforced Ni–P coatings", *Journal of Materials Science: Materials in Electronics*, DOI: <https://doi.org/10.1007/s10854-021-07366-4>. (Indexed by SCIE) Q2 <https://link.springer.com/article/10.1007/s10854-021-07366-4>
 5. Gorti Janardhan, Goutam Mukhopadhyay, Krishna Dutta, "Failure mechanism of resistance spot-welded DP600 steel under high cycle fatigue", *Materials Today Proceedings*, (ScopusIndexed) <https://www.sciencedirect.com/science/article/pii/S2214785322016649>.
- **Vyunkta Rao, M.**, Raju Bahubalendruni, M. V. A., & Chintada, V. B. (2022). General Regression Neural Network-Based Frame Work for the Evaluation of Ultimate Tensile Strength of Vibratory-Assisted Welded Joints. In *Recent Advances in Manufacturing, Automation, Design and Energy Technologies* (pp. 173-180). Springer, Singapore.
 - Prasad, V. S. S., Anil Kumar Gulivindala, **Sudhakar Uppada, Vyunkta Rao Matta**, M. V. A. Raju Bahubalendruni, and B. B. Biswal. "A Design for Assembly Framework Based on Subassembly Detection Method." In *Recent Advances in Manufacturing Modelling and Optimization*, pp. 511-519. Springer, Singapore, 2022.
 - **Suresh, B.V., Shireesha, Y.**, Rao, P.S. (2022). Effect of Electrode Vibration Welding on Impact and Tensile Strength of 1018 Mild Steel Weld Joints. In: Dave, H.K., Dixit, U.S., Nedelcu, D. (eds) *Recent Advances in Manufacturing Processes and Systems. Lecture Notes in Mechanical Engineering.* Springer, Q4, Singapore. https://doi.org/10.1007/978-981-16-7787-8_26
 - **Shireesha, Y.**, Nandipati, G. (2022). Experimental Study on Tensile Behavior of Tri-axial Hybrid Fiber Composites. In: Dave, H.K., Dixit, U.S., Nedelcu, D. (eds) *Recent Advances in Manufacturing Processes and Systems. Lecture Notes in Mechanical Engineering.* Q4, Springer, Singapore. https://doi.org/10.1007/978-981-16-7787-8_40

Faculty development programme attended:

1. Dr. K.Santa Rao attended Faculty Development Programme (FDP) on "Recent Trends in Upstream Petroleum Technology" organized by AICTE, New Delhi from 07.03.2022 to 11.03.2022
2. Dr. K.Santa Rao attended Faculty Development Programme (FDP) on "Materials Engineering from Synthesis to Applications" organized by Indian Institute of Technology, Indore from 21.02.2022 to 26.02.2022
3. Dr. Gorti Janardhan attend Faculty Development Programme (FDP) on "Materials Engineering from Synthesis to Applications" organized by Indian Institute of Technology, Indore from 21.02.2022 to 26.02.2022
4. Dr. Gorti Janardhan attend Faculty Development Programme (FDP) on "Energy Conservation for Sustainable Society: Innovation and Entrepreneurial Opportunity" organized by National Institute of Technology, Silchar from 27.02.2022 to 04.03.2022
5. Dr. Gorti Janardhan attend Faculty Development Programme (FDP) on "Revisiting CFD – Open Foam, Comsol, LBM and Matlab" organized by Pandit Deendayal Energy University, Gandhinagar, Gujarat and GMR Institute of Technology, Rajam from 25.02.2022 to 25.02.2022
6. Mr. Sudhakar Uppaada attend Faculty Development Programme (FDP) on "Artificial Intelligence/Machine Learning from Mechanical Engineering Problems" organized by Shri Vishnu Engineering College for Women, Bhimavaram from 21.03.2022 to 26.03.2022
7. Dr. Bappa Mondal attended One Week short Term Course on "Energy Conservation for Sustainable Society: Innovation and Entrepreneurial Opportunity" organized by National Institute of Technology Silehar, Assam from 27.02.2022 to 04.03.2022.
8. Dr. Bappa Mondal attended Five Day online Virtual Short Term Course on "Curriculum Design and Development" organized by Dr. M.G.R. Educational and Research Institute, Chennai-600095 and Meston College of Education, Chennai-600014, Tamil Nadu, India from 14.02.2022 to 18.02.2022.
9. Dr. Bappa Mondal attended One Week National Level Online Faculty Development Program (FDP) on "Recent Trends in Artificial Intelligence, IoT, and Data Analytics" organized by the Shri Vishnu Engineering College for Women(A) from 09-02-2022 to 13.02.2022.
10. Mrs. Y. Sireesha attended One Week Online FDP on "Artificial Intelligence/Machine Learning for Mechanical Engineering Problems" organized by Sri Vishnu Engineering College for Women (Autonomous and NAAC 'A' Grade from 21.03.2022 to 26.03.2022.
11. Mrs. Y. Sireesha attended One Week online Faculty Development Programme on "Recent Advancements in Generation and Control in Modern Power Systems" organized by GMR Institute of Technology, Rajam and Velagapudi Ramankrishna Siddhartha Engineering College, Vijayawada, AP from 07.03.2022 to 12.03.2022.
12. Dr. Sanjay Kumar Gupta attended online 5 day FDP on "REVISITING CFD – OPEN FOAM , COMSOL, LBM AND MATLAB" organized Pandit Deendayal Energy University, Gandhinagar, Gujarat from 21.02.2022 to 25.02.2022.
13. Dr. Sanjay Kumar Gupat participated in online short term course title "Not-in-kind of Cooling Technologies and Thermal Management for Electronics" organized by the Indian Institute of Technology Indore from 21.02.2022 to 26.02.2022.

14. Dr. B. Venkata Suresh attended One Week online Faculty Development Programme on “Recent Advancements in Generation and Control in Modern Power Systems” organized by GMR Institute of Technology, Rajam and Velagapudi Ramankrishna Siddhartha Engineering College, Vijayawada, AP from 07.03.2022 to 12.03.2022.
15. Dr. B. Venkata Suresh One Week Online FDP on “Artificial Intelligence/Machine Learning for Mechanical Engineering Problems” organized by Sri Vishnu Engineering College for Women (Autonomous and NAAC ‘A’ Grade from 21.03.2022 to 26.03.2022.
16. Dr. B. Venkata Suresh attended One Week short Term Course on” Energy Conservation for Sustainable Society: Innovation and Entrepreneurial Opportunity” organized by National Institute of Technology Silehar, Assam from 27.02.2022 to 04.03.2022.
17. Dr. B. Venkata Suresh attended One Week National Level Online Faculty Development Program (FDP) on “Recent Trends in Artificial Intelligence, IoT, and Data Analytics” organized by the Shri Vishnu Engineering College for Women(A) from 09-02-2022 to 13.02.2022.
18. Dr. S. Chiranjeeva Rao attended online 5 day FDP on “REVISITING CFD – OPEN FOAM , COMSOL, LBM AND MATLAB” organized Pandit Deendayal Energy University, Gandhinagar, Gujarat from 21.02.2022 to 25.02.2022.
19. Dr. Ambarish Maji participated in online short term course title “Not-in-kind of Cooling Technologies and Thermal Management for Electronics” organized by the Indian Institute of Technology Indore from 21.02.2022 to 26.02.2022.
20. Dr. Ambarish Maji attended online 5 day FDP on “REVISITING CFD – OPEN FOAM, COMSOL, LBM AND MATLAB” organized Pandit Deendayal Energy University, Gandhinagar, Gujarat from 21.02.2022 to 25.02.2022.
21. Dr. S. Ravi Babu online 5 day FDP on “REVISITING CFD – OPEN FOAM, COMSOL, LBM AND MATLAB” organized Pandit Deendayal Energy University, Gandhinagar, Gujarat from 21.02.2022 to 25.02.2022.
22. Mr. V S S Venkatesh online 5 day FDP on “REVISITING CFD – OPEN FOAM , COMSOL, LBM AND MATLAB” organized Pandit Deendayal Energy University, Gandhinagar, Gujarat from 21.02.2022 to 25.02.2022.
23. Dr. Chintada Vinod Babu online 5 day FDP on “Artificial Intelligence/Machine Learning for Mechanical Engineering Problems” organized by Sri Vishnu Engineering College for Women (Autonomous and NAAC ‘A’ Grade from 21.03.2022 to 26.03.2022.
24. Mr. Simhadri Kambala online 5 day FDP on “Role of Basic Sciences in Engineering Technology” organized by National Institute of Technology Mizoram & GMRIT from 09.03.2022 to 14.03.2022.
25. Mr. Sasidhar Gurugubelli online 5 day FDP on “Artificial Intelligence/Machine Learning for Mechanical Engineering Problems” organized by Sri Vishnu Engineering College for Women (Autonomous and NAAC ‘A’ Grade from 21.03.2022 to 26.03.2022.
26. Mr. Sasidhar Gurugubelli online 1 day Wrokshop on “Cross-discipline Platforms: Scopus, Science Direct and Mendeley” organized by Math Tech Thinking Foundation, India on 11.03.2022.
27. Mr. Sasidhar Gurugubelli online 1 day Webnor on “Hyperloop: The 5th form of Transportation” organized by Hemant Fegade on 03.03.2022.
28. Dr. A Vijin Prabhu online 5 day FDP on “Energy Conservation for Sustainable Society: Innovation and entrepreneurial Opportunity” organized NIT, Silchar from 27.02.2022 to 04.03.2022.

29. Dr. A Vijin Prabhu online 5 day FDP on “Recent Advances in Manufacturing Processes for Industrial Applications” organized NIT, Karnataka from 21.02.2022 to 25.02.2022.
30. Dr. A Vijin Prabhu online 5 day FDP on “REVISITING CFD – OPEN FOAM , COMSOL, LBM AND MATLAB” organized Pandit Deendayal Energy University, Gandhinagar, Gujarat from 21.02.2022 to 25.02.2022.
31. Dr. Gorti Janardhan attended Faculty Development Programme (FDP) on” Modern Trends in Manufacturing and Thermal Science (MTMTS-2022)” organized by National Institute of Technology, Delhi from 05.04.2022 to 10.04.2022.
32. Dr. S Ravi Babu attended Faculty Development Programme (FDP) on” Python for Data Science” organized by NPTEL-AICTE from Jan-Feb 2022.
33. Dr. Matta Vykunta Rao attended Faculty Development Programme (FDP) on” Python for Data Science” organized by NPTEL-AICTE from Jan-Feb 2022.
34. Dr. Chiranjeeva Rao Seela attended Faculty Development Programme (FDP) on” Python for Data Science” organized by NPTEL-AICTE from Jan-Feb 2022.
35. Mr. Simhadri Kambala attended Faculty Development Programme (FDP) on” Python for Data Science” organized by NPTEL-AICTE from Jan-Feb 2022.
36. Mr. Sasidhar Gurugubelli attended Faculty Development Programme (FDP) on” Python for Data Science” organized by NPTEL-AICTE from Jan-Feb 2022.
37. Mr. Nammi Govinda Rao attended Faculty Development Programme (FDP) on” Python for Data Science” organized by NPTEL-AICTE from Jan-Feb 2022.
38. Mrs. Shireesha Yegireddi attended Faculty Development Programme (FDP) on” Python for Data Science” organized by NPTEL-AICTE from Jan-Feb 2022.
39. Dr. Chintada Vinod Babu attended Faculty Development Programme (FDP) on” Python for Data Science” organized by NPTEL-AICTE from Jan-Feb 2022.
40. Dr. Gorti Janardhan attended Faculty Development Programme (FDP) on” Modern Trends in Manufacturing and Thermal Science (MTMTS-2022)” organized by National Institute of Technology, Delhi from 05.04.2022 to 10.04.2022.
41. Dr. S Ravi Babu attended Faculty Development Programme (FDP) on” Python for Data Science” organized by NPTEL-AICTE from Jan-Feb 2022.
42. Dr. Matta Vykunta Rao attended Faculty Development Programme (FDP) on” Python for Data Science” organized by NPTEL-AICTE from Jan-Feb 2022.
43. Dr. Chiranjeeva Rao Seela attended Faculty Development Programme (FDP) on” Python for Data Science” organized by NPTEL-AICTE from Jan-Feb 2022.
44. Mr. Simhadri Kambala attended Faculty Development Programme (FDP) on” Python for Data Science” organized by NPTEL-AICTE from Jan-Feb 2022.
45. Mr. Sasidhar Gurugubelli attended Faculty Development Programme (FDP) on” Python for Data Science” organized by NPTEL-AICTE from Jan-Feb 2022.
46. Mr. Nammi Govinda Rao attended Faculty Development Programme (FDP) on” Python for Data Science” organized by NPTEL-AICTE from Jan-Feb 2022.
47. Mrs. Shireesha Yegireddi attended Faculty Development Programme (FDP) on” Python for Data Science” organized by NPTEL-AICTE from Jan-Feb 2022.
48. Dr. Chintada Vinod Babu attended Faculty Development Programme (FDP) on” Python for Data Science” organized by NPTEL-AICTE from Jan-Feb 2022.