



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Autonomous)

GANGURU :: VIJAYAWADA – 521 139.

(Approved by AICTE New Delhi, Permanently Affiliated to JNTU Kakinada)

ISO 9001:2015 Certified Institution, Accredited by NBA for ME, EEE, ECE&CSE.

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Department of Mechanical Engineering

Faculty Development Programs

| S. No. | Name of staff | Name of conference/ workshop / FDP/ Training program | Name of the Organizing Institution |
|--------|-----------------------------|--|---|
| 1. | Dr. V L Krishnan | Future Advances and Recent Trends in Artificial Intelligence and Deep Learning | Bapatla Women's Engineering College, Bapatla |
| 2. | Mr. Dukkipati Bala Nagesh | Future Advances and Recent Trends in Artificial Intelligence and Deep Learning | Bapatla Women's Engineering College, Bapatla |
| 3. | Mr. Melam Ramagopal | Art of Effective Teaching based on Graduate Attributes | NRI Institute of Engineering and Technology, Vijayawada |
| 4. | Mr. Kavilikatta Pavan Kumar | Art of Effective Teaching based on Graduate Attributes | NRI Institute of Engineering and Technology, Vijayawada |
| 5. | Mrs. K Komali | Future Advances and Recent Trends in Artificial Intelligence and Deep Learning | Bapatla Women's Engineering College, Bapatla |
| 6. | Mrs. A H R Madhuri | Art of Effective Teaching based on Graduate Attributes | NRI Institute of Engineering and Technology, Vijayawada |

Research papers published

| S. No. | Title of paper | Name of the author/s | Department of the teacher | Name of journal | Year of publication | ISSN number |
|--------|--|-------------------------|---------------------------|--|---------------------|-------------|
| 1 | A Comparative Analysis Of Finite Element Modeling And Experimental Impact Testing On | Putti Venkata Siva Teja | Mechanical Engineering | International Research Journal of Engineering and Technology | 2023 | 2395-0056 |

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|---|--|-------------------------|------------------------|--|------|-----------|
| | Kenaf And Banana Fibers | | | | | |
| 2 | A Comparative Analysis Of Finite Element Modeling And Experimental Impact Testing On Kenaf And Banana Fibers | Kavilikatta Pavan Kumar | Mechanical Engineering | International Research Journal of Engineering and Technology | 2023 | 2395-0056 |
| 3 | A Comparative Analysis Of Finite Element Modeling And Experimental Impact Testing On Kenaf And Banana Fibers | Dukkipati Bala Nagesh | Mechanical Engineering | International Research Journal of Engineering and Technology | 2023 | 2395-0056 |

Number of books and chapters published

| S. No. | Name of the teacher | Title of the book published & ISBN number | Title of the chapters published | Year of publication | Name of the publisher |
|---------------|----------------------------|--|---|----------------------------|------------------------------|
| 1 | Putti Venkata Siva Teja | Friction Stir Welding and Processing: Fundamentals to Advancements (ISBN: 978-1-394-16943-6) | Friction stir welding of aluminium and its alloys | 2024 | Wiley |
| 2 | Ommi Srikanth | Basic Civil and Mechanical Engineering (ISBN: 9789358708622) | | 2024 | S Chand Publishing |

Published in conference proceedings

| Title of paper | Name of the author/s | Name of the Conference | Conference Dates (Date-month-Year) | Conference Venue details (city, Country, ZIP Code / Pincode) |
|--|-----------------------------|---|---|--|
| Optimizing Milling Parameters for Al7075/nano SiC/TiC Hybrid Metal Matrix Composites using Taguchi Analysis and ANN Prediction | PUTTI VENKATA SIVA TEJA | International Conference on Recent Advances in Waste Minimization & Utilization-2024 (RAWMU-2024) | April 23-24 | Lovely Professional University |
| Thermal Cycling Effects on Titanium-6Al-4V Alloy: A ThermoGravimetric Analysis | PUTTI VENKATA SIVA TEJA | 1st International Conference on Advanced Mechanical Engineering and Applications Advanced Mechanical Engineering | APRIL 15-16 | Department of Mechanical Engineering Andhra Loyola Institute of Engineering & Technology, VIJAYAWADA |