

P.TEJOMURTHI



Assistant Professor
Department of Mechanical Engineering
Seshadri Rao Gudlavalleru Engineering College
Ph:9291573583
e- mail: tejomurthi.megec@gmail.com

RESIDENTIAL ADDRESS: Pedana, Krishna Dist -521366, Andrapradesh.

ACADEMIC QUALIFICATION: B.Tech, M.Tech & Ph.D

PROFESSIONAL EXPERIENCE:

| Designation | Institution | Period |
|----------------|----------------------------------|-------------------------|
| Asst.Professor | Gudlavalleru Engineering College | 07.06.2012 to Till Date |
| Lecturer | V.K.R.&V.N.B Polytechnic college | 2 Yrs |

PROJECTS GUIDED: Guided UG Projects : 20

SPECIALIZATION: Thermal Engineering , Refrigeration, nono fluids

PAPERS PUBLISHED : 07

| International/National Journals | International/National Conferences |
|---------------------------------|------------------------------------|
| 08 | 03 |

International/National Journals

1. Experimental investigation of the using graphene oxide and titanium dioxide nanolubricant for a refrigeration system operated by mixed refrigerant, Journal of Thermal Analysis and Calorimetry .Volume 148, pages 10227–10239, (2023)

2. Experimental investigation on vapour compression refrigerator system using propane as working fluid with Graphene oxide nanoparticles & Pag Lubricant , Journal of Harbin Engineering University , ISSN:1003-7043, vol 44 No 8 , August 2023
3. Experimental Analysis of Mixed Flow Liquid Desiccant Dehumidification System” Journal of Advanced Engineering Research ISSN: 2393-8447 Volume 10, Issue 1, 2023, pp.1-10.
4. Technique for Improving Performance of R134a based on Vapour Compression Refrigeration System by using Diffuser at Compressor Outlet, Journal of Thermal Energy system e-ISSN:2582-5747, volume -6, Issue -2 (may – August 2021)
5. P.Tejomurthi(2014) “Simulation Studies on Two-Dimensional Electronic Board with Multiple non identical Heat Sources”, Applied Mechanics and Materials Vols. 592-594 (2014) pp 1776-1783.
6. P.TejoMurthi (Nov-2013) “Effect and Optimization of Machining Parameters on Cutting Force and Surface Finish in Turning of Mild Steel and Aluminum” International Journal of Research in Engineering and Technology Volume: 02 Issue: 11 Nov-2013, pg. 135-141.
7. P. Tejo Murthi, (2012) “Investigations on the mechanical Properties of Short Vacka Fiber Glass Reinforced Hybrid Thermoplastic Composites”, International Journal of Engineering Research & Technology, ISSN: 2278-0181, Vol. 1, Issue 7
8. P. Tejo Murthi, "Investigation on Mechanical Properties of Lady Finger Fibre Glass Reinforced Thermoplastic Composites ", International Journal of Engineering Trends and Technology, volume 59 Issue 4 – May 2018

International/National Conferences

1. P.Tejomurthi (2013)” Fault Diagnosis of a combustion Ventilation Air Blower Unit Using Condition Monitoring” Proceeding of National Conference NCIET2013 ISBN:978-1-4276-5484-7
2. **Mr. P. Tejomurthi: Experimental Investigation on Mechanical Properties of Lady Finger GRPC**, 3rd National Conference on Recent Trends & Innovations in Mechanical Engineering organized by Department of Mechanical Engineering Nalla Narasimha Reddy Education Society’s Group of Institute – Integrated Campus Medchal District. Hyderabad held during 15-16 March 2019
3. Pinjala, Tejomurthi, Experimental Analysis of Solar Assisted Liquid Desiccant Cooling System (March 5, 2019). Proceedings 2019: Conference on Technologies for Future Cities (CTFC).

LIST OF WORKSHOPS/CONFERENCES/SEMINARS ATTENDED:

- Attended national level two-day workshop on “**DFX-Product design Excellence** “ ON 17th Sept-2012
- Attended national level two-day workshop on” Thermodynamic solutions and practice using MATLAB” on 18th february 2013
- Attended national level two-day workshop on” Training teachers for Excellence “ from 29th april to 4th may 2013

- Attended national level 3-day workshop on "Advanced Material and Machining (AMM)" from 31st Oct to 2nd November 2013 Organized by the Department of Mechanical Engineering under TEQIP-II at NIT- Warangal
- Attended national level one week refresher course on "FINITE ELEMENT ANALYSIS" from 19th to 25th June 2017 Organized by the Department of Mechanical Engineering Gudlavalleru Engineering College, Gudlavalleru.
- Attended national level one week refresher course on "Prog CAD" from 6th to 13th June 2017 Organized by the Department of Mechanical Engineering Gudlavalleru Engineering College, Gudlavalleru.
- Participated in two day Faculty development Program on "TRAINING ON ProgeCAD" on 06th and 07th DEC 2017 at Gudlavalleru Engineering college, Gudlavalleru.
- Participated in one day workshop on "OUTCOME BASED EDUCATION" on 09th Dec 2017, at Gudlavalleru Engineering college, Gudlavalleru.
- Participated in two day faculty development program on "MATLAB AND ITS APPLICATIONS" on 08th to 09th Feb 2018, at Gudlavalleru Engineering college, Gudlavalleru.
- Participated in six day workshop on "COMPUTATIONAL FLUID DYNAMICS" on 18th to 23rd June 2018 at Gudlavalleru Engineering college, Gudlavalleru.
- Attended One Week Online FDP on "Advancements in Thermal and Renewable Energy Technologies (ATRET-2022)" organized by the Department of Mechanical Engineering, Lakireddy Bali Reddy College of Engineering, Mylavaram, Krishna (Dt.), Andhra Pradesh, India organized from 04.07.2022 to 09.07.2022.
- Attended One Week Online FDP on "Emerging Trends in Thermal and Renewable Energy Systems" organized by the Department of Mechanical Engineering, Lakireddy Bali Reddy College of Engineering, Mylavaram, Krishna (Dt.), Andhra Pradesh, India from 28-06-2021 to 02-07-2021.
- Attended one week faculty development program (FDP) on "Research Practices in Thermo-Fluid and Renewable Energy Systems" organized by department of mechanical engineering, Sreenidhi Institute of Science and Technology, Yamnampet, Ghatkesar, Hyderabad, Telangana 501301, from 28/06/2021 to 03/07/2021.
- Attended Three days FDP on Computer vision, image processing Techniques with open CV – Python organized by department of computer science and Engineering, RISE Krishna sai Gandhi Group of institution, Ongole from 15.08.2021 to 17.08.2021
- Attended Two week faculty skill development program on CATIA organized by Department of Mechanical Engineering of seshadri rao Gudlavalleru Engineering College from 18.07.2022 to 30.07.2022
- Attended Two week online faculty development programme on INDUSTRY 4.0/5.0 organized by Department of Mechanical engineering, Prasad V Potluri Siddhartha Institute of Technology, Vijayawada, Andhrapradesh from 15.04.2024 to 27.04.2024

MEMBERSHIP IN PROFESSIONAL BODIES: IE(I)

GRANTSFETCHED: Received grants of Rs.2.3laks from UGC for the minor research Project