



Specialization

Academic Qualification

Total Teaching Experience

Publication Details

Awards/Honours

Workshops / Seminars / Conferences / Training
Programs Attended

PATENTS

Book Chapters

Name : PVN SAICHANDU
Designation : Associate Professor
Total Experience : 12 Years
Email: saichandu.mech@hitam.org
Mobile: +91-9912414884
Thermal Engineering
B.Tech-Mechanical Engineering in 2009 from D.M.S.S.V.H.College of Engineering, Acharya Nagarjuna University.
Master of Engineering-Thermal Engineering in 2011 from Hindustan University.
(Ph.D)-Heat Transfer
11 Years
International Journals:
Analysis of Second Sound “Convective Heat Transfer & Effect of Temperature Gradient in Super Fluid Helium-II” in IJSRET Mar-Apr 2020, Vol.06, Issue 02, Pg:636-639
“Convective Heat Transfer & Effect of Temperature Gradient in Super Fluid Helium-II” in IJSRET Mar-Apr 2020, Vol.06, Issue 02, Pg:639-644
Published a paper on “STUDY OF RELATIVE ROUGHNESS PITCH AND HEIGHT ON HEAT TRANSFER COEFFICIENT OF SOLAR AIR HEATER WITH ARTIFICIAL ROUGHNESS” in INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT (IJMPERD); ISSN (ONLINE): 2249-8001; ISSN (PRINT): 2249- 6890; IMPACT FACTOR(JCC) (2018): 7.6197; INDEX COPERNICUS VALUE (ICV) - (2016): 60.6;
PVN Saichandu, Santosh Madeva Naik, L B Bharath Raju, Impact of Cognitive and Collaborative Learning on Refrigeration & Air Conditioning Course, Journal of Engineering Education Transformations, Special Issue Jan. 2018, eISSN 2394-1707
Santosh Madeva Naik, Mangala Gouramma, Saichandu, Morrish Kumar, Experimental Study on Flax and Sisal Hybrid Composites, IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) e-ISSN: 2278-1684, p-ISSN: 2320-334X PP. 10-13, Volume - 5, November – 2017.
Santosh Madeva Naik, PVN Saichandu, Gururaj Sharma T, Damping Test On Flax And Sisal Hybrid Composites Reinforced With Epoxy Resin in IJASRE, Volume 3, Special Issue- 1, August -2017.
International Conferences:
International Conference on Advances in Electrical and Electronics Engineering (ICAEEE – 2022) ISBN: 978-81-948785-7-530th& 31st March 2022 Paper Id: ICAEEE-0039 Organized by Department of Electrical and Electronics Engineering St. Martin’s Engineering College (www.smec.ac.in) POWER SPLIT HYBRID TRANSMISSION SYSTEM
Published a paper on “Impact of Cognitive and Collaborative learning in Refrigeration and Air-conditioning course” in Journal of Engineering Education Transformations (JEET), Special Issue online http://journaleet.org/index.php/jeet/article/view/120940
Santosh Madeva Naik, Azeem Unnisa, PVN Saichandu, Paper entitled Exploring Team Based Learning Pedagogy for Machine Drawing Course International Conference on Transformations in Engineering Education (ICTIEE-2018) on Noida January 2018.
Santosh Madeva Naik, PVN Saichandu, Damping Test On Flax And Sisal Hybrid Composites Reinforced With Epoxy Resin in International conference on Emerging Research Trends in Mechanical and Civil Engineering, on July 2017.
Published a Paper on ‘Computational Analysis of Fluid Flow Through Rotating Vaneless Diffuser’ in International Journal of Research and Innovation in Mechanical Engineering (IJRIME) Vol.1 July-August 2014 Issue II, Page No: 1401-1403, ISSN No: 1401-1402
Published a Paper on ‘Generation of Electrical Energy From Foot Step Using Back Rack & Pinion Mechanism’ in International Journal & Magazine of Engineering, Technology, Management & Research (IJMETMR) Vol.3, April 2016, Issue IV, Page No: 390-393, ISSN No: 2348-4845
Published a Paper on ‘Battery Operated Mechanical Load Lifter’ in International Journal & Magazine of Engineering, Technology, Management & Research (IJMETMR) Vol.3, May 2016, Issue V, Page No: 693-699, ISSN No: 2348-4845.
Published a Paper on ‘Foldable Scooter’ in International Journal & Magazine of Engineering, Technology, Management & Research (IJMETMR) Vol.4, May 2017, Issue
Published a Paper on ‘Refuse Derived Fuel Generation’ in International Journal & Magazine of Engineering, Technology, Management & Research (IJMETMR) Vol.4, May 2017, Issue V, Page No: 23-31, ISSN No: 2348-4845
National Conferences:
Published a paper on “ Improvement in Tribological and Mechanical Properties of A16061-Sic” in IJRAT,NCRCEST 2019, E-ISSN: 2321- 9637
Santosh Madeva Naik, PVN Saichandu, Experimental Study On Flax & Sisal Hybrid Composites In National conference on Innovative Approaches in Mechanical Engineering, on September 2017.
Patent filed, accepted & published on "AIH-STAND: AI- BASED HYRAULIC CENTRE STAND FOR MOTORCYCLE USING HAND LEVER" in October 2019.
Best Faculty(Performer) award in Dept. of Mechanical Engg for 2017-18.
Best Faculty(Contributor) award in Dept. of Mechanical Engg for 2018-19.

Attended 5 Days FDP on Thermal Energy storage systems-IIT Kanpur in March 2020
Attended 2 weeks Refresher Course on Advances in Thermal Engineering at JNTUH in November 2019, Sponsored by UGC.
Attended Two day National workshop on "Quad Challenge Drone" on 20th & 21st September 2019, at Hyderabad Institute of Technology & Management.
Organised Two days "National Workshop on Hands on Automobile Workshop", organized by Department of Mechanical Engineering of Hyderabad Institute of Technology and Management, Hyderabad in March 2019.
Organised Two days "National Workshop on Hands on Autonomous Robots", organized by Department of Mechanical Engineering of Hyderabad Institute of Technology and Management, Hyderabad in October 2018.
Organised Two days "National Workshop on 3D Printing and Scanning", organized by Department of Mechanical Engineering of Hyderabad Institute of Technology and Management, Hyderabad on 27 – 28 October 2017.
Attended Two days National Workshop on Recent Trends in Refrigeration & Air conditioning & Impact on Human Life at CCET, Bhilai, Chattisgarh from 16-17 November 2018.
Attended International Conference-ICTIEE 2018, Bennett University, Noida.
Attended International Conference-ICTIEE 2017, Vardham Engg. College Hyd.
Completed NPTEL course on Laws of Thermodynamics in October 2018.
Attended Faculty Immersion Training Program at KLE University, Hubli.
Attended Two days Workshop on Autocad-Inventor at VBIT, Ghatkesar from 22-23 December 2014
Completed IGIP-Phase II
Attended Two days Workshop on CNC-Lathe Machining at NTTF, Bangalore from 1-2 July 2014
Heat Exchangers-January 2021
AI Based Hydraulic Stand-October 2019
"Fundamentals Of Fluid Mechanics and Hydraulic Machines"