

CURRICULUM VITAE

Monika Shankarrao Satpute

Assistant Professor

Mechanical Engineering Department
Government College of Engineering, Nagpur
e – mail monika.gcoen@gmail.com
Contact +91 9422338785



Fields of Research Interest

Heat pipe, I.C. Engine, composites

Education

- 2015, M.Tech., Thermal Power Engineering, Government College of Engineering, Amravati, (C.G.P.A 7.92)
- 2007, B.E., Mechanical Engineering, *Jawaharlal Darda Institute of Engineering And Technology (68%)*
- *Ph.d (Mechanical Engineering) Pursuing*

Present Position

Assistant Professor

Government College of Engineering, Yavatmal, India

Professional Experience

- *August 2021- oct2024*
Assistant Professor, Government College of Engineering, Nagpur, India
- *Dec 2010 – August 2021:*
Assistant Professor, Government College of Engineering, Amravati, India
- *August 2007 – Dec 2010:*
Lecturer, G. H. Raisoni Institute of Engineering And Technology, Pune, India

Membership of Scientific / Engineering Bodies

- | Member of | Membership Number |
|--|--------------------------|
| • The Indian Society for Technical Education | LM 72417 |

Patent Published

Patent Application Publication (21) Application No.201821001560 A (19) INDIA (22) Date of filing of Application :13/01/2018 (43) Publication Date : 26/06/2020
(54) Title of the invention : PERFECT STEERING MECHANISM USING PANTOGRAPH

Research Publications

S.N.	Title	Author	Details
2021-22			
01	The Fundamentals of Epoxy Composites with Filler for Different Applications : A Review	Monika Satpute Rajesh sambhe	International Journal of Scientific Research in Science and Technology Online ISSN : 2395-602X Print ISSN : 2395-6011 UGC Approved Journal No : 64011
02	A review on characterization of Epoxy Composites with Filler	Monika Satpute Rajesh sambhe	International conference on digital transformation on strategic approach towards sustainable development(ICDTSD-2022)
03	Simulation of Minichannel Liquid Based Thermoelectric Cooling System by Changing Dimension of Minichannel and Type of Heat Transfer Fluid	Monika Satpute	International Journal for Research in Applied Science & Engineering Technology
2020-21			
04	Experimental Investigation with Software Validation for Energy Analysis of Solar Still by Reticular Porous Media with Glass Cover of (IAO) Coating – A Review”	Monika Satpute Gaurav U. Mankar,	“International Journal of Research in Engineering, IT and Social Sciences (IJREISS), ISSN-2250-0588 (Online), UGC Approved Journal No: 42301
2019-20			
05	A Review of Heat Transfer Augmentations by Using Inserts in a Circular Tube	Monika Satpute Dhananjay Khedkar	International Journal of Research in Engineering, IT and Social Sciences, ISSN 2250-0588, Impact Factor: 6.565, Volume 10 Issue 07, July 2020, Page 12-17
06	Thermal performance of solar water heater using porous medium and agitator	Monika Satpute Priyanka Atram,	International Journal of Innovative Research in Technology IJIRT Volume 5 Issue 2 ISSN: 2349-6002 July 2018
2017-18			
07	Thermal performance of solar water heater using porous medium and agitator	Monika Satpute Priyanka Atram,	International Journal of Innovative Research in Technology IJIRT Volume 5 Issue 2 ISSN: 2349-6002 July 2018
2015-16			
08	Optimization and Analysis of Process Parameters for the Machining of INCOLOY 800HT on EDM	Monika Satpute Mangesh Deshmukh	International Journal Of Pure And Applied Research In Engineering And Technology, IJPRET 2015 Volume 3 Issue 2 ISSN: 2319-507X May 2015
09	RELATIVE ANALYSIS OF DIFFERENT METHODS TO IMPROVE THE PERFORMANCE OF COTTON SEED OIL FUELLED DIESEL ENGINE	Monika Satpute Mangesh Deshmukh	INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCH IN ENGINEERING AND TECHNOLOGY Research Article Impact Factor: 4.226 ISSN: 2319-507X Monika Satpute, IJPRET, 2015; Volume 3 (9): 87-103 IJPRET
2014-15			
10	A Review on Comparative Analysis of Different Methods to Improve the Performance of Cotton Seed Oil Fuelled Diesel Engine	Monika Satpute Mangesh Deshmukh	International Journal on Recent and Innovation Trends in Computing and Communication Volume:3 Issue:2 ISSN: 2321-8169 Feb 2015

Faculty Development work

Details
[1] Organizing committee member in International Conference on Advances in Civil and Mechanical Engineering Systems (ACMES), 23-24 December 2014

Participation in Faculty development/training activities/STTPs

Details of program
[1] NIELIT Two weeks training program on “Industrial training in additive manufacturing & its application” 2 nd February 2022 to 15 th February 2022
[2] AICTE-ISTE Approved One Week Training Program on “Artificial Intelligence and Machine Learning in Healthcare” 27 th - 31 st July, 2020
[2] AICTE-ISTE Approved One Week Training Program on “Teaching learning pedagogies” 3 rd -8 th August 2020
[3] AICTE-ISTE Approved One Week Training Program on “LATEX Tutorial” 25 th April– 1 May 2020
[4] AICTE-ISTE Approved One Week Training Program on “Research and Innovation’s” 17 th to 21 st August 2020
[5] AICTE-ISTE Approved One Week Training Program on “ Innovative Teaching and Research Methods” 03 rd to 07 th April 2018
[6] TEQIP-II Sponsored ISTE Approved 1 week FDP Renewable Energy Sources , GCE Amravati 12 th -16 th October 2015
[7] TEQIP-II Sponsored ISTE Approved One Week FDP on Advancements in water conservation & management, 14-18 th March 2016
[8] TEQIP-II Sponsored ISTE Approved 1 week FDP on Classical And Modern Optimization Techniques , GCE Amravati 21 st to 25 th September 2015
[9] MHRD Sponsored ISTE Approved Two Weeks workshop on Fluid Mechanics, 20 th - 30 th May 2014

Role & Responsibilities during employment

- NIRF Coordinator Government Engineering College, Nagpur
- M.Tech Coordinator Thermal Engineering at Government Engineering College, Amravati for the year 2016-2020
- TEQIP –II (I.MC.E Coordinator) at Government Engineering College, Amravati for the year 2013-2015
- Institute of Engineer’s student chapter incharge for the year 2012-2015 at Government Engineering College, Amravati

Subjects Taught

- Engineering graphics
- Machine drawing & Solid Modelling
- Dynamics of machine
- Kinematics of machine
- Control system engineering
- Modern energy resources

Personal

Date of birth : December 14, 1984

Place of birth : Amravati, Maharashtra, India

Permanent Address

Jawahar nagar, V.M.V. road

Amravati, Maharashtra, India

Date:

Place:

Prof. Monika. S. Satpute