

FACULTY PROFILE



Jitendra Balasaheb Satpute

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Designation: Assistant Professor

Educational Qualification: PhD (Pursuing), M Tech Thermal Engineering

Experience in Years: 5 Years

Research Area: Solar Photovoltaic System

Professional Memberships:

| Society | Membership No. |
|--|------------------------|
| Life Member, The Indian Society for Technical Education | LM 114161 |
| International Journal of Emerging Technologies and Innovative Research (JETIR) | Reviewer Member |
| Global Research and Development (GRD) Journals For Engineering | Reviewer Member |
| AR Research Publication and Conference World | Editorial board member |

Subject Taught:

- Refrigeration and Air conditioning
- Renewable energy sources
- Power plant engineering
- Metrology and quality control

Professional Development

Workshop/ Seminar/ STTP/FDP Attended:

- One Day Workshop on Syllabus Detailing of Industrial Engineering of BE 2015 Course held at SRTTC, Kamshet- Pune

Research Contribution

Conference /Journal / Patents / Book Publications:

- Nikhil Purwant, Jitendra Satpute, Mandar Tendolkar, An Investigations of Air Conditioning System Diagnosis, Techno-Societal 2018, Volume 2, Proceedings of the 2nd International Conference on Advanced Technologies for Societal Applications, (Accepted, In Press) **(Springer Publication)**
- Jitendra satpute, John Rajan A., Recent Advancement in Cooling Technologies of Solar Photovoltaic (PV) System, FME Transactions 46, (2018) 575-584 **(Scopus Indexed)**
- Jitendra Satpute, Kaustubh Chavan. Nitin Gulhane, Thermal Performance Investigation of Concentrated Solar Collector Using Novel Aluminium Absorber, Materials Today: Proceedings 5 (2018) 4059–4065 **(Scopus Indexed)**
- Tejas Patil, Yogesh Patil, Amar Pawar, Jitendra Satpute, Applications of Nanofluid in Photovoltaic Panels –A Review, International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor :6.887 **(UGC Approved)**
- Jitendra Satpute, Shubham Swami, Akshay Wadekar, A Review on Application of PV/T on Domestic Water Heating, International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor : 6.887 **(UGC Approved)**
- Rushabh Mole, Chsndrashekhar more, Ankush Nerkar, Jitendra Satpute, A Scientific Review of Concentrated Solar Power Technologies, International Conference on Recent Trends in Environment, Technology & Economy ,10-11 February 2017,ISBN 978-81-933083-9-4 , **SIES (Nerul), Navi Mumbai**, pp 56-65.
- Rushabh Mole, Akash Rode, Jitendra Satpute, A Literature Review on Structural Properties of Different Types of Robots, GRD Journals- Global Research and Development Journal for Engineering, ISSN: 2455-5703, Volume 2, Issue 4, March 2017, pp 46-51
- Sunil Panshetty, Parag Bute, Rohit Patil, Jitendra Satpute, Optimization of Process Parameters in Milling Operation by Taguchi's Technique Using Regression Analysis, International Journal of Science Technology & Engineering, e-ISSN No.:2349-784X, Volume 2, Issue 11, May 2016, pp 130-136.
- Yogesh Kulkarni, Jitendra Satpute, Nikhil Purwant Indian Energy Scenario and Role of Renewable Sources for Sustainable Development, International Journal of Modern Trend in Engineering & Research, e-ISSN No.:2349-9745, Volume 3, Issue 4, April 2016, pp 1068-1073.
- Kaustubh Chavan, Jitendra Satpute, Nitin Gulhane, Effect of Extended Surfaces and Fluid Structure Interaction on The Performance of Triangular Receiver using Compound Parabolic Concentrator, 5th International Conference on Advances in Energy Research , 15-17 December 2015, **IIT Bombay, Mumbai**, India, pp 1308-1318.
- Kaustubh Chavan, Jitendra Satpute, Nitin Gulhane, Experimental and Fluid Structure Interaction Study of Triangular Receiver with Square Fin Arrangement using Compound Parabolic Collector, Proceedings of the International Seminar on Renewable Energy and Sustainable Development, 15-17 June 2015, **Royal University of Bhutan**, pp 1-7
- Kaustubh Chavan, Jitendra Satpute, Nitin Gulhane, Performance Analysis of Triangular Absorber System Using Compound Parabolic Collector, International Conference on Environment and Energy 15-17 December-2014, ISBN 987-93-81212-96-7,**JNTU, Hyderabad**