


DEPARTMENT OF MECHANICAL ENGINEERING

Name	Mr. Shrikant B Gawas	
Designation	Assistant Professor	
Date of Birth	30 Nov 1987	
Highest Qualification	M.E. heat power (pursuing) B.E. Mechanical	
Specialisation	Mechanical	
Teaching experience	05 Years	
Industrial Experience	01 Year	
Email id	shrig31@gmail.com	
Date of joining	22/06/2015	
No. of Papers presented/published (National conferences)	01	
Details	1. 'Experimental & Numerical Evaluation of Heat Flux for forced convection and pin-fin assuming unsteady state heat transfer', in National level conference on "Recent Advances in Engineering & Technology" 2013 at GIT, IIT, Ratnagiri.	
No. of Papers presented/published (International conferences)	07	
Details	<p>1. 'Prototype of Mechanisms using Fused Deposition Modeling Process' in International Journal of Engineering Science & Research Technology, August, 2014.</p> <p>2. 'Hydraulic engine mount- In automotive application' in International Journal of scientific research and management, April, 2015</p> <p>3. EFFECT OF GEOMETRICAL CHANGES OF IMPELLER ON CENTRIFUGAL PUMP PERFORMANCE, International Research Journal of Engineering and Technology (IRJET), 2015</p> <p>4. Heat transfer through Porous media: A Review, International Journal of Research in Applied Science & Engineering Technology (IJRASET), 2016</p> <p>5. Application of phase change material in thermal energy storage system: A Review, International Journal of Innovations in Engineering and Technology (IJIET), 2017</p> <p>6. HEAT TRANSFER ENHANCEMENT USING POROUS MATERIAL, International Journal of Latest Trends in Engineering and Technology, 2017</p> <p>7. Sustainable Development in Two Wheeler using Exhaust Gases, International Publisher for Advanced Scientific Journals (IPASJ), 2017</p>	
No. of seminars	02	
Details	<p>1. Seminar on 'computational fluid dynamics' on 01st Oct, 2009 at RMCET, Ambav.</p> <p>2. Attended Two-day workshop on CFD at ICEM Pune.</p>	
No. of STTP/Workshops	06	
Details	1. Two-week ISTE workshop on Engineering Thermodynamics conducted by IIT Bombay from 11 th to 21 st Dec, 2012.	

	<p>2. Three days workshop on ‘Mechatronics and automation: Fundamentals and hands on’ conducted by IIT Bombay from 02nd to 04th May, 2013.</p> <p>3. Three days workshop on ‘Computer aided machine drawing’ organized by VINSYS from 11th to 13th July, 2013.</p> <p>4. Two days workshop on ‘computational fluid dynamics organized by ICEM, Pune from 26th to 27th Sep 2014.</p> <p>5. Two days workshop on ‘Aakash for Education’ conducted by IIT Bombay from 10th to 11th Nov, 2012.</p> <p>6.</p>
No.of projects guided at UG level	05
Details	<p>1.Design of Shell & Tube Heat Exchanger (2013-14)</p> <p>2. Automatic gear changer. (2014-15)</p> <p>3. Heat transfer through packed bed (2015-16)</p> <p>4. Automatic pipe cutter (2016-17)</p> <p>5. Enhancement of heat transfer using porous material (2017-18)</p>
Membership in Professional Bodies	Nil
Research / Sponsored / Consultancy Projects	Nil
Awards / Honours / Prizes	Nil
No.of Books published	Nil
Details	-