

Name	MR. HEMANT VASANT CHAVAN B.E.MECHANICAL,M.E.MECHANICAL
Designation	Assistant Professor
Department	Mechanical Engineering
Date of Joining the Institute	22/09/2008
	B.E.Mechanical Engg , FAMT, 2007 M.E.Mechanical Engg, FAMT, 2013
Branch / Specialization	Mechanical Engg (Machine Design)
Areas of Interest	Thermodynamics, thermal Engg, Fluid Mechanics, Heat Transfer, Hydraulic Machines, Refrigeration and Air Conditioning
Email	Hemant.chavan@famt.ac.in



Academic Appointments

Name of the University / Institute / Industry	Duration	Designation
Finolex Industries Limited, Ranpar	From 1/07/2007 to 15/08/2008	Team Engineer
Finolex Academy of Management and Technology, Ratnagiri	From 18/07/08 to till date	Assistant Professor

Total Experience – 10 Years

Papers Published

Papers Presented/Published in National / International Journals - 02

International Journals – 06

1. Investigation on generation methods for oxy-hydrogen gas, its blending with conventional fuels and effect on the performance of internal combustion engine. Journal of Mechanical Engineering Research, Vol. 3(9), pp.325-332,2011.
2. Investigate the Effect of Phosphate Surface Coating on the Fatigue Performance of the Piston Pin Materials, International Journal Of Mechanical Engineering & Technology (IJMET),6(11),244-250.2015.

3. Investigation of Significant Process Parameter in Manganese Phosphating of Piston Pin Material By Using ANOVA, International Journal of Engineering Research and Applications (IJERA), 5(12), 17-20,2015.
4. Study of An Alternate Manufacturing Process Of Piston Pin, International Journal of Research in Engineering and Technology(IJRET), 4(11), 322-326.2015.
5. Heat transfer enhancement using twisted tape of different twisted ratio, IJSER, January 2017,volume 8,issue 1, ISSN -2229-5518,2016.
6. Heat transfer enhancement by using twisted tape insert ,IRJET , e-ISSN: 2395 -0056 ,Volume: 04 Issue: 05 | May -2017 ,p-ISSN: 2395-0072

Number of Workshops, Seminars, STTPs, FDPs Attended – 31

STTPs and FDPs

1. Attended training program **on Intellectual Property Rights organized by Maharashtra Centre for Entrepreneurship Development on 23rd August 2017.**
2. Attended one day workshop on LaTeX workshop organized at Indian Institute of Technology, Bombay by Spoken Tutorial Project on 29 August 2015
3. Attended 2 Day ISTE Workshop for Teachers on "Control Systems" Conducted by IIT Kharagpur under the National Mission on Education through ICT on 2nd -12th December, 2014
4. Attended 3 Day Workshop on "Process Equipment Design" Organized by Dept. of Mechanical Engg MIT Academy of Engg , Alandi,Pune on 27th – 29th November 2014..
5. Attended two day ISTE approved e-seminar on Steps 2 Research organized by Department of Computer Science, Department of computer Applications Amar Jyothi College of Engineering, Kanjirappally in association with ISTE Kerala Section and CSI Cochin chapter on 19 -20 September 2014..
6. Attended one day workshop on " Inter Collegiate Research Convention Avishakar 2014-15" organized Department of MCA, FAMT, Ratnagiri on behalf of Mumbai University on 12th August 2014.
7. Attended Two Week ISTE workshop on 'Fluid Mechanics' Conducted by IIT Kharagpur under the National Mission on Education through ICT on 20th -30th May,2014
8. Attended Two Week ISTE workshop on 'Database management systems' Conducted by IIT Bombay under the National Mission on Education through ICT on 21st -31st May,2013.
9. Attended Two Week ISTE workshop on 'Engineering thermodynamics' Conducted by IIT Bombay under the National Mission on Education through ICT on 11th -21st December ,2012
10. Attended Two Week ISTE coordinators workshop on 'Engineering thermodynamics' Conducted by IIT Bombay under the National Mission on Education through ICT on 20-24th November,2012.

11. Attended 2 Day ISTE Workshop for Teachers on "Aakash for Education" Conducted by IIT Bombay under the National Mission on Education through ICT on 10th -11th November, 2012.
12. Attended 2-week ISTE Workshop on "Introduction to Research Methodologies" Under the National Mission on Education through ICT (MHRD, Govt. of India) Organized by IIT Bombay on 25th -04th July,2012.
13. Attended Two Week ISTE workshop on 'thermodynamics in Mechanical Engg' Conducted by IIT Bombay under the National Mission on Education through ICT on 14th - 24th June, 2011.
14. Attended National level ISTE approved one week Short term Training Programme on " Turbo Machinery ", at SIT , Lonavala on 23rd -27th November 2010.
15. Attended one day workshop on ".Implementation & scope of Turbo Machinery" organized by SIT, Lonavala on 22nd November 2010.
16. Attended one week Workshop on "steam engineering and energy Conservation" organized by Forbes Marshall, Pune on 27th - 31st July 2009.

Professional Membership

1. Indian Society of Technical Education (I.S.T.E)
2. Indian Society of Heating, Refrigerating and Air Conditioning Engineers(ISHRAE)
3. American Indian Society of Heating, Refrigerating and Air Conditioning Engineers(ASHRAE)