

Name	Mr. Jayesh S Anavkar
Designation	Assistant Professor
Department	Mechanical
Date of Joining the Institute	01/08/2009
Education	B.E Mechanical,2008 M.E. Mechanical(Machine Design),2013
Branch / Specialization	Mechanical-Machine Design
Areas of Interest	Design of Experiments,smart materials,machine design
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Academic Appointments

Name of the University / Institute/ Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	From 01/08/2009 to till date	Assistant Professor

Total Experience – 9 Years

Students projects Guided at UG Level

1. Design and Modification of centrifugal pump test rig
2. Design & Fabrication of plate type heat exchanger
3. Parameteric study of burnishing parameters on surface roughness,surface hardness of EN 8 material
- 4.

Papers Published

Papers Presented/Published in National / International Journals - 03

International Journals – 03

1. “ Effect of shot peening parameters on microhardness of EN 8 material : an analysis using Taguchi T“ Effect of shot peening parameters on microhardness of EN 8 material : an analysis using Taguchi Technique”, International Journal on Mechanical Engineering & Robotics,vol.4 ,issue1, 2016.
2. “ Effect of shot peening parameters on Almen intensity”, International Journal for research in applied science & Engineering Technology”,vol 4, issue 2, february 2016.
3. 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, September 2011

Papers Presented/Published in National/ International Conferences - 08

International Conferences – 01

“ Effect of shot peening parameters on microhardness of EN 8 material : an analysis using Taguchi Technique”

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

STTPs and FDPs

1. One day workshop on “Six sigma :An overview”, FAMT, Ratnagiri,2012
2. “Akash for Education” two days workshop,IIT Bombay, 2012
- 3.“Introduction to Research Methodologies”, two week ISTE workshop, IIT Bombay,july 2012
- 4.“ Engineering Thermodynamics”, two week ISTE workshop, IIT Bombay,December 2012
5. One week FDP on Modern pneumatics control- theory and practice, NIT Calicut, December 2014
6. One week short term training programme on “Modeling & Optimization Techniques for Engineering Applications” S.V.N.I.T Surat, December 2016
7. Faculty development Programme on “Modernization in Mechanical Engineering Education”, D Y Patil college of Engineering,Pune, December 2016
8. ISTE approved two week STTP on ‘Model Based Design in Application of Engineering & science using “MATLAB & SIMULINK”, SKNCOE, Pune, December 2017

Professional Membership

1. Indian Society of Technical Education (I.S.T.E)