

Name MR. SAGAR NAMDEV SAKHARKAR
B. Tech, M.Tech. (Manufacturing Engineering)

Designation Assistant Professor
Department Mechanical Engineering
Date of Joining the Institute 10/08/2015
Education B. Tech. Mechanical (2012)
M.Tech. Manufacturing Engineering (2015)
Branch / Specialization Manufacturing Engineering
Areas of Interest Advance Materials, Micro-Machining, Fabrication
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Academic Appointments

Name of the University / Institute / Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	From 10/08/15 to till date	Assistant Professor
Gopinath Mahadev Vedak Institute of Technology, Tala	From 12/08/2014 to 30/04/2015	Assistant Professor
Dr. Babasaheb Ambedkar Technological University, Raigad	From 09/08/2013 to 30/05/2014	Teaching Assistant
S.S.O.S.P. Diploma College of Engineering, Nagothane	From 03/10/2012 to 17/08/2013	Lecturer

Total Experience – 5 Years

Awards / Honors / Prizes

- Topper 1%** with Elite grade in “**Fundamental of Manufacturing Processes**” exam course conducted by NPTL Indian Institute of Technology, Roorkee. July-October 2017

Seminars/Lecture/Invited Talks Conducted

1. Conducted Add-on course for S.E. Mechanical Engineering Student on **“Introduction to Solid and Shape Modelling using CATIA V5 R20 software”** held on **14th Sept 2015** as a resource person at Finolex Academy of Management and Technology Ratnagiri organized by Department of Mechanical Engineering.
2. Conducted Short term course Enrichment on **“Simulation on various Mechanical Engineering Applications (Thermal, Fluid Flow & Machine components) and Virtual Manufacturing for CNC Machining”** held on **16th & 23rd Sept 2017** as a resource person at Finolex Academy of Management and Technology Ratnagiri organized by Department of Mechanical Engineering

Papers Published

Papers Presented/Published in National / International Journals - 04

International Journals – 04

1. Sunil Sanap, Sagar Sakharkar, Pankaj Sonawane, Raju Pawade, **“Multi Objective Optimization of Ball End Milling of Inconel 718 Using Utility Concept”**, International Journal of Mechanical Engineering and Material Science, 8(1), January-June 2015, pp.27-33.ISSN.0974-584X
2. Sagar N. Sakharkar, Raju S. Pawade, Prakash K. Brahmkankar, **“Model Development and Sustainability Assessment of Minimum Quantity Lubrication Technique in Turning of 700/3 Austempered Ductile Iron”**, Asian Journal of Convergence in Technology, Volume II, Issue III, ISSN No. 2350-1146
3. Omkar Bhatkar, Sagar Sakharkar, V. Murali Mohan, Raju Pawade, **“Residual Stress Analysis in Orthogonal Cutting of AISI1020 Steel”**, Atlantis Press, Advance in Intelligent Systems Research, Vol.137, pp.100-106.
4. Potdar D.G., Pandit G.D., Patil D.V., Sakharkar S.N.,**“Overview of Current Piping Design Aspects”**, IJSART-Volume 3, Issue 11-November 2017, ISSN :2395-1052

Papers Presented/Published in National/ International Conferences - 06

International Conferences – 05

1. Monika Salunkhe, Rashmi Lingapure, Sagar Sakharkar, Nikhil Khatekar, Raju Pawade, **“Electrophoretic Deposition Assisted Polishing of Internal Surface of AISI 304 Steel”**, Proceeding of AMPD, Paper No.P24, SVNIT Surat. January 2015
2. Sagar Sakharkar, Nilesh Patil, Raju Pawade, Prakash Brahmkankar, **“Comparative Machinability Assessment in Turning of Austempered Ductile Iron”** Proceeding of COPEN-9, Paper No.254, IIT Bombay. December 2015.
3. Sagar Sakharkar, V. Murali Mohan, Sagar Dhotre, **“Free Vibration and Structural Analysis of Joints”**, Proceeding of ICMMD2016, Paper No. 84, Dr. BATU, Raigad. December 2016.
4. Vedant Undure, Dhiraj Patil, Nakeeb Raut, Sagar Sakpal, Sagar Sakharkar, V.Murali Mohan, **“Experimental Optimization of Machinability Parameters in Drilling of HE30 Aluminium Alloy Kingpin Bush”**, Proceeding of WRFER International Conference, May 2017, Pune.

5. Sagar N. Sakharkar, V. Murali Mohan, Nihal A. Nhivekar, "Optimization and Experimental Investigation in Orthogonal Cutting by Response Surface Method" Proceeding of ICMMD2017, Paper No. 80, December 2017

National Conferences – 01

1. Sagar N. Sakharkar, Ganesh S. Kadam, Raju S. Pawade, Prakash K. Brahmkankar, "**Sustainability Assessment to Minimize Energy Consumption in Green Machining**", Proceeding to Energy Needs and Current Trends (ENACT 2014), Paper No.70, Dr. B.A.T.U.Lonere.