


ACADEMIC PROFILE

Name	Dr. Sachin Mastud	
Date of Birth	01 st August 1980	
Date of Joining	17 th July 2003	
Designation at the time of Joining	Assistant Professor	
Current designation	Associate Professor	
Personal Homepage	--	
Phone (Office)	022-24198201	
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Academic Qualifications		
<ul style="list-style-type: none"> • Ph.D (IIT Bombay)-Mechanical Engineering-April 2014 • M.E. (VJTI Mumbai)- Production Engineering- June 2004 • B.E. (WIT Solapur)-Production Engineering- June 2001 		
Career History		
<ul style="list-style-type: none"> • Assistant Professor in Department of Production Engineering, VJTI (July 2003-June 2016) • Head of Production Engineering Department, VJTI (August 2014-June 2016) • Associate Professor in Department of Mechanical Engineering, VJTI (July 2016-Till Date) • Head of Mechanical Engineering Department, VJTI (August 2018-September 2020) 		
Areas of Academic Interest		
<ul style="list-style-type: none"> • Advanced Manufacturing Processes and Micro-machining • 3-D Printing • Metrology and Quality Control • Manufacturing Management 		
Membership in Academic Bodies / Board of Studies / Editorial Board (Journals)		
<ul style="list-style-type: none"> • Life Member of 'Indian Institute of Industrial Engineering (IIIE) • Board of Studies, Department of Production Engineering, SGGSIE&T, Nanded 		
Major Academic Publications		
<ul style="list-style-type: none"> • Book Chapter: Sachin Mastud. 'Reverse Micro EDM'. A book chapter in a book titled Micro-electrical Discharge Machining Processes (p.p. 93-124), published by Springer, Singapore, 2019 		
Paper Presentations in National / International Journals (In last 5 years)		
<ul style="list-style-type: none"> • Manoj Nikam, Sachin Mastud. Design and Development of surface texture for tribological applications, <i>Key Engineering Materials</i>, 803, 55-59, 2019. • S Jithin, SS Shetye, JJ Rodrigues, KS Mhetre, Sachin Mastud and Suhas Joshi. Analysis of electrical discharge texturing using different electrode materials. <i>Advances in Materials and Processing Technologies</i>, 4(3), 466-479, 2018. 		
Paper Presentations in National / International Conferences / Seminars (In last 5 years)		
<ul style="list-style-type: none"> • Megha Nagrale, Sachin Mastud. Micro-Electrical Discharge machining for machining micro-holes. Trends in Manufacturing Processes. Lecture notes on Multidisciplinary Industrial Engineering, Springer, Delhi University, 2019. • Manoj Bhalwankar, Sachin Mastud and S. Jadkar. A review of factors affecting thermal conductivity and societal applications of PPS matrix Nanocomposites. Proceedings of 		

<p>International Conference on Advanced Technologies for Societal Applications, SVPM COE Pandharpur, 2018.</p> <ul style="list-style-type: none"> Narendra Bhople, Nilesh Patil and Sachin Mastud. Application of response surface methodology to experimentally investigate the dry turning of austempered ductile iron. International Conference on Advances in Thermal Systems, Materials and Design Engineering, organized by VJTI Mumbai, 2017.
Attendance in Conferences / Seminars / Workshops (In last 5 years)
<ul style="list-style-type: none">
Participation in Professional Development Programmes (In last 5 years)
<ul style="list-style-type: none"> Participated in Advanced Pedagogies: Active Learning and Digital Tools –IIT Guwahati: 24-28 June 2019. Participated in Professional Development Training under TEQIP-III – IIM Tiruchirapalli:26-30 August 2019. Nanotechnology opportunities and Challenges in Engineering Materials and Manufacturing- Under QIP at VJTI : 05-10 March 2018. Research Methodology for Engineering and Management Research-(Under QIP) at VJTI: 9-14 July 2018. Laboratory and Ergonomic Safety for Engineers (Under QIP)-IIT Bombay:12-16 June 2017. Advanced Manufacturing Processes & Management Practices (Under AICTE-AIP)-VJTI Mumbai: 23-28 December 2017. Conducted GIAN program by inviting Prof. Samuel Johnson (RIP, NY, USA) for 01 week duration in August, 2016. Participated in Management Capacity Enhancement Program at IIM Kozhikode, 24th-29th August 2015.
Guidance / Supervision of M.Tech & Ph.D. Dissertations
<ul style="list-style-type: none"> Guiding 06 Ph.D students in the area of Micro EDM, Nano-Composites, Surface Texturing for Tribological applications, Reverse Micro EDM.
Research Projects Undertaken
<ul style="list-style-type: none"> Completed a DST Sponsored project on <i>Development and Modeling of Micro Electrical Discharge Machining for Fabrication of Micro Textured Surfaces for Tribological and Machining Application (Project number YSS/2015/001910), Grant: 16.50 Lakh</i>
Revenue generation (Consultancy/Testing assignments Undertaken) (In last 5 years)
<ul style="list-style-type: none"> NIL
Organization of Academic Conferences / Workshops / Designing Courses (In last 5 years)
<ul style="list-style-type: none"> NIL
Invited Lectures / Chairing / Resource Person / Keynote Address (In last 5 years)
<ul style="list-style-type: none"> Conducted two sessions in STTP on Emerging Trends in Mechanical Engineering at DABACER, Nagpur, 27thApril-2nd May 2015. Conducted a session on Optimization Processes and Micro-manufacturing in ISTE workshop on Computational Methods at Pillai College of Engineering, Rasayani on 5th July 2015.

- Conducted a session on in STTP on Advanced Manufacturing Techniques at DKTE Ichalkarnaji, 12th-16th January 2015.