

Name of Teaching Staff : Prof Dhiraj Nigade  
Designation : Assistant Professor  
Department : Mechanical Engineering  
Date of Joining the Institution : 03-07-2018



Qualifications with Class / Grade : M.E. Production Engineering, Govt College of Engineering, Karad  
B.E. Mechanical Engg, RIT, Shivaji University University,

Total Experience in Years : **Teaching:**  
Assistant Professor, July 2016-July 2017 DMGOI, Kolhapur, Maharashtra  
Assistant Professor, Aug 2017 – June 2018 SSPM's College of Engineering, Kankavli, Maharashtra  
Assistant Professor July 2018 – Till date D.J.Sanghvi College of Engineering, Mumbai, Maharashtra

**Industry:**

1 year as Project trainee, Kirloskar Oil Engines Ltd Kolhapur

Research  
Papers Published:

- [1] Dhiraj Nigade, Dhananjay Shukla, Ravikant Hattale “A Review on Squeeze Casting of Aluminium Based alloys and Its Composites”, Springer Nature Singapore Pte.Ltd.2020, Proceeding of International Conference on Intelligent Manufacturing Automation, Lecture Notes in Mechanical Engineering, doi:10.1007/978-981-15-4485-9\_48
- [2] D.B.Nigade, V.S.Jadhav, “Optimization of laser beam cutting process parameters for multi performance characteristics of mild steel”, Proceedings of the 6th National Conference on “Recent Advances in Manufacturing (RAM 2016)”, 12-14 May 2016, pp.178-183, SVNIT, Surat, India, ISBN-978-93-5265-309.
- [3] D.B.Nigade, V.S.Jadhav, “Laser Beam Cutting Parameter Optimization for Mild Steel”, International conference on Recent Trends in Mechanical, Material Science, Manufacturing, Automobile, Aerospace Engineering and Applied Physics (AMAEAP-2016), Proceeding JMSME, Volume 3, Issue 3, April 2016, pp 258-261, JNU, New Delhi, ISSN 2393-9109.

Professional Memberships :

5 day Faculty Development Programme's completed from AICTE Training and Learning Academy

Faculty Development Programme's completed from NPTEL SWAYAM platform : [1] Mathematical Modelling of Manufacturing Processes

Training programs completed from IBM :

Faculty Development Programme's /Workshops completed from SVKM affiliated institutions :

Training programs completed from MoE's Innovation Cell and AICTE :

One day Faculty Development Programme's completed from TCS : [1] Intellectual Property Rights  
[2] Machine Learning and Deep Learning

Other Online Faculty Development Programme's completed :

Modules completed from Elsevier Researcher Academy :

Courses completed from Coursera : [1] Assessment in Higher Education: Professional Development for Teachers  
[2] Learning to Teach Online  
[3] Digital Manufacturing and Design  
[4] Machine Learning for All

Webinars attended : [1] Design - Past, Present and Future (Dwarkadas J. Sanghvi College of Engineering, Mumbai)  
[2] Emerging Frontiers of Research in Energy Systems