


## FACULTY PROFILE

<b>Name</b>	<b>DEEPAK MANOHARRAO SHINDE</b>	
<b>Designation</b>	Sr. Lecturer (Mechanical engineering)	
<b>Date of Joining</b>	08.03.2011	
<b>Mobile No.</b>	9011856853	
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Educational Qualifications	Degree	B.E	M E	PHD
	Specialization	Production Engineering	Mechanical-CAD/CAM	Tribology
	Institution Name	KIT's College of Engineering, Kolhapur	SGGS Institute of Engg. & Tech., Nanded	Jadavpur University, Kolkata
	University/Board	Shivaji University, Kolhapur	SRTM University, Nanded	Jadavpur University, Kolkata
	Percentage	67.16	72.59	-----
	Year of Passing	1998	2006	Pursuing

Work Experience		Duration (Years)
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<b>Industrial Experience</b>	Nil	Nil
<b>Teaching Experience</b>	<b>Gramin Polytechnic Nanded</b>	07
	<b>KGCE College of engineering, Karjat Dist. Raigad</b>	2
	<b>Sinhgad Institute of Technology, Lonavala, Dist. Pune</b>	4
	<b>Government Polytechnic Osmanabad</b>	10
	<b>Government Polytechnic Ratnagiri</b>	0.5

<b>Subjects Taught</b>	MTD, AMP, CAD/CAM FEA, TOM, MQC, DME,
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### Attended Workshop/Training:

Sr. No.	Topic	Organizer	Duration	Remarks
1.	Optimization and finite element analysis in mechanical Engineering (1 week),	RGIT, Mumbai		
2.	Computation techniques and its applications (1 week),	DAIT, Pune		
3.	Techno entrepreneurship and its importance in the technical education system (1 week),	SVNIT, Surat		
4.	Emerging trends in manufacturing engineering (1 week),	SCOE Kharghar, Navi Mumbai.		
5.	Process equipment design (1 week),	SIT, Lonavala.		
6.	Orcad Software (1 week),	Government Polytechnic, Nashik.		
7.	Induction Training Program Phase-I (2 weeks),	Gramin Polytechnic, Nanded.		
8.	Work ethics and motivational climate development (1 week),	NITTTR, Pune		
9.	Induction Training Program Phase-II (2 weeks),	SES Polytechnic, Solapur.		
10.	Advances in micro-manufacturing (2 weeks),	GCOE, Pune.		
11.	Fundamentals of tribology and its industrial applications (1 week),	SVNIT, Surat.		

### Publications & Research Papers: [\(Please see next page\)](#)

**Membership & Social Activities:** Nil

## Publications & Research Papers: (International Journals / Conferences / Book Chapter)

1. Shinde D. M., Poria S., Sahoo P. (2019). Synthesis and characterization of Al-B<sub>4</sub>C nano composites. *Materials Today: Proceedings*. 19, 170-176. [SCOPUS].
2. Shinde D. M., Sahoo P., Davim J. P. (2020). Tribological characterization of particulate-reinforced aluminum metal matrix nanocomposites: A review. *Advanced Composites Letters*. 29, 1-28. [SCIE]
3. Shinde D. M., Poria S., Sahoo P. (2020). Dry sliding wear behavior of ultrasonic stir cast boron carbide reinforced aluminum nanocomposites. *Surface Topography: Metrology and Properties*. 8, 025033. [SCIE].
4. Shinde D. M., Poria S., Sahoo P. (2020). High temperature tribology of A413/B<sub>4</sub>C nanocomposites under dry sliding contact. *Materials Performance and Characterization*. 9 (1), 477-496. [ESCI].
5. Shinde D. M., Sahoo P. (2021). Influence of speed and sliding distance on the tribological performance of submicron particulate reinforced Al-12Si/1.5 wt% B<sub>4</sub>C composite. *International Journal of Metalcasting*. <https://doi.org/10.1007/s40962-021-00636-1>. [SCIE]
6. Shinde D. M., Sahoo P. (2021). Nanoindentation, scratch and corrosion studies of aluminum composites reinforced with submicron B<sub>4</sub>C particles. *International Journal of Metalcasting*. <https://doi.org/10.1007/s40962-021-00692-7> [SCIE]
7. Shinde D. M., Poria S., Sahoo P. (2019). Synthesis and characterization of Al-B<sub>4</sub>C nano composites. *1<sup>st</sup> International Conference on Manufacturing, Material Science and Engineering (ICMMSE-2019)*, 16<sup>th</sup> - 17<sup>th</sup> August, *CMR Institute of Technology, Hyderabad, India*.
8. Shinde D. M., Poria S., Sahoo P. (2019). Dry sliding wear behavior of ultrasonic stir cast boron carbide reinforced aluminum nanocomposites. *10<sup>th</sup> International Conference on Industrial Tribology (IndiaTrib-2019)*, 01<sup>st</sup> - 04<sup>th</sup> December, *Indian Institute of Science, Bangalore, India*.
9. Shinde D. M., Poria S., Sahoo P. (2020). Tribological performance of 1.5 wt% B<sub>4</sub>C particulate reinforced Al-12Si alloy nanocomposite fabricated by ultrasonic stir casting. *International Conference on Advances in Material Science and Mechanical Engineering (ICAMSME-2020)*. 07<sup>th</sup> - 09<sup>th</sup> February, *NBKR Institute of Science and Technology, Vidyanaagar, Nellore, India*.
10. Shinde D. M., Sahoo P. "Fabrication of aluminum metal matrix nanocomposites: an overview." In S. Sahoo (Ed.), *Recent advances in layered materials and structures*, Material horizons: From nature to nanomaterials, (2021):107-132. Springer Nature Singapore Pte Ltd.
11. Shinde D. M., Dr. V. M. Nandedkar. "Thermomechanical analysis of disc brake rotor". *First International and 2<sup>nd</sup> AMTDR conference*, IIT Roorkee, Dec. 2006.