



Shri Yashwantrao Bhonsale Education Society's  
**YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY**

(DTE CODE : 3470) (MSBTE Code : 1742)

Approved by AICTE, DTE & Affiliated to Mumbai University & MSBTE Mumbai  
(NBA Accredited ME, CE, EE Diploma Programs)

### FACULTY PROFILE

<b>Name</b>	<b>Mr. Sachin Sunil Lanjekar</b>				
<b>Address</b>	AT- Post - Tal- Lanja, Near Chavata mandir, Dist- Ratnagiri, Pincode 416701				
<b>Date of Birth</b>	3/2/1993				
<b>Cast &amp; Category</b>	Hindu-Teli (OBC)				
<b>Designation</b>	Lecturer (Mechanical Engineering)				
<b>Date of Joining</b>	26-09-2018				
<b>Mobile No.</b>	7218910469				
<b>E-Mail ID</b>	sachin32214@gmail.com				
<b>Educational Qualifications</b>	<b>Degree</b>	<b>SSC</b>	<b>Diploma</b>	<b>U.G.</b>	<b>P.G.</b>
		SSC	Diploma	B.E.	M.E.
	<b>Specialisation</b>	SSC	Mechanical	Mechanical	Heat Power Engg.
	<b>Institution Name</b>	New English School Lanja	Govt. Poly. Ratnagiri	R.M.C.E.T. Ambav	DYPSOEA, Ambi
	<b>University/Board</b>	Kolhapur	MSBTE	Mumbai	Pune
	<b>Marks</b>	86.15%	77.83%	70.83%	7.43 CGPA
<b>Experience</b>	<b>Institution/ Industry Name</b>	<b>Teaching</b>	<b>No. of years</b>		
		A. Poly. Talawade	1		
		M.I.T.M. Oras	2.5		
		YBIT, Sawantwadi	6.5		
		<b>Total Years</b>	<b>10</b>		
<b>Area of Interest</b>	Thermal Engineering, Refrigeration and Air Conditioning, Power Engineering				
<b>Subject Taught</b>	Thermal Engineering, Refrigeration and Air Conditioning, Strength of Materials, Solid Modelling, Mechanical Engineering Measurements, Industrial Measurements.				
<b>Research Papers:</b>	<ul style="list-style-type: none"><li>Sachin Lanjekar, Abhijit Patil, “ Experimental Study of Nanofluids as a Coolant for Improved Thermal Performance of an Automobile Radiator”, Industrial Engineering Journal, Volume : 54, Issue 6, No.3, June : 2025.</li><li>Sachin Lanjekar, Abhijit Patil, “ Review on Effects of Nanofluid as a Coolant in an Automobile Radiator”, Book Chapter no. 35 in ‘Advances in Clean Energy Technologies, Springer Proceedings in Energy, (2025).</li><li>Sachin Lanjekar, Abhijit Patil, “Experimental study on stability of ZnO, TiO<sub>2</sub>, F-MWCNT based mono and hybrid nanofluid’ Proceedings of the 4th International Conference on Condensed Matter &amp; Applied Physics, AIP Conf. Proc. 3149, 030045-1–030045-7; (2024)</li><li>Published a paper on “Studies on Thermal Conductivity of Concrete by Polyurethane Foam Mixing” in IJSART, Volume 4, Issue 7 in July 2018.</li></ul>				



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	<ul style="list-style-type: none"><li>Published a paper on “Effect of Polyurethane Foam Addition on Thermal Conductivity of Concrete” in International Journal for Research and Scientific Innovation, Volume 5, Issue 7 in July 2018.</li></ul>
<b>Industrial Trainings attended :</b>	<ul style="list-style-type: none"><li>Attended five days Industrial Training at Bosch Regional Training Center, Pune</li><li>Attended three days Industrial Training at ASR Industries, Aurangabad</li><li>Presented a paper entitled “Studies on Thermal Conductivity of Concrete by Polyurethane Foam mixing” at Fourth Mechanical Engineering Post Graduate Student’s Conference held at AISSMS College of Engineering Pune.</li></ul>
<b>Short term Course/ Faculty Development Program attended</b>	<ul style="list-style-type: none"><li>Attended Three days FDP on “Intellectual Property Rights, Technological Development &amp; Entrepreneurship” organized by YBIT, Sawantwadi on date 18-20 March 2025.</li><li>Attended Two days FDP on “Additive Manufacturing” organized by YBIT, Sawantwadi on date 02-03 December 2024.</li><li>Completed 12 week online certification course Automation in Manufacturing (July- October 2023).</li><li>Attended one week FDP on Electric Vehicles &amp; Energy Storage Systems integrated with Renewable Energy Sources organized by AICTE Training and Learning (ATAL) Academy, Kolhapur on date 23- 27 July 2021.</li><li>Attended one week FDP on Recent Trends in Emerging Technologies organized by V. E. S. Polytechnic, Mumbai on date 22- 27 May 2021.</li><li>Attended one week FDP on Advance CNC &amp; VMC Programming organized by KIT, Kolhapur on date 2-6 June 2020.</li><li>Completed 12 week online certification course Conduction and Convection heat transfer (Jan- April 2020).</li><li>Attended one week FDP on How to Write Thesis &amp; Research Paper organized by NITTR, Kolkata on date 22-26 June 2020.</li><li>Attended one week FDP on Latex organized by SGU, Kolhapur on date 27 April 2020 to - 2 May 2020.</li></ul>

Date- 19/08/2025

Faculty Sign