

Faculty Profile

- **FacultyName** : Sangram Sanjay Petkar
- **Designation** : Assistant Professor
- **Department** : Mechanical Engineering
- **Mobile No.** : 7507229159
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• EducationalQualification

Sl.	Degree	University	Class
1	B.E.-MechanicalEngineering	ShivajiUniversity,Kolhapur	Distinction
2	M.E.–Mechanical –Production Engineering	ShivajiUniversity,Kolhapur	Distinction
3	Ph. D Perusing	VTU, Belgavi	

• Professional experience:-

Total experienceinyears:-16

Teaching:-16 Industrial:-

Research:-00

SN.	Organization	Post	Period
1	AshokraoManeGroupofInstitutions, Vathar	H.O.DandPG Coordinator,	15 Jan 2014 to TillDate
2	A D.Y. Patil College of Engineering & Technology, Kasaba Bawada, Kolhapur	AssistantProfessor	1July.2009 to 8 Jan 2014

➤ SubjectTaught:-

Undergraduate Subjects			
1	Engineering Graphics	2	Computer Integrated Manufacturing
3	Industrial Fluid power	4	Fluid Mechanics
5	Manufacturing Processes	6	Metrology and Quality Control
7	Automobile Engineering	8	CAD-CAM
9	Basic Mechanical Engineering	10	Testing & Measurement Lab
11	Computer Aided Engineering Graphics Lab	12	Computer Graphics Lab
Postgraduate Subjects			
1	CNC Technology	2	Metal forming Processes
3	Quantitative Techniques	4	Lasers in Manufacturing

- **Project Work at U.G.:-** Multi Jet Cleaner
- **Project Work at P.G.:-.** Design, Development & Manufacturing of Cleaning Machine
- **Research Area of Interest:-** Casting cleaning

➤ **Paper Published in National & International Journal:-**

Sl.	Title	Name of Journal/conference	Date	ISSNNo.
1	A Comprehensive Review of Post-Casting Cleaning Techniques for Tractor Oil Pans: From Conventional Methods to Advance	ICIRSD-2025	Oct 2025	978-93-344-3977-9
2	Review of Casting Cleaning Techniques	ICMR	April 2025	978-93-48954-14-5
3	Enhancing Manufacturing Processes through the Integration of Lean and Six Sigma Methodologies	ICMR	April 2025	978-93-48954-14-5
4	Defect analysis and remedies of Flange forging component to improve overall productivity by using quality tools	ICMR	April 2025	978-93-48954-20-6
5	Review on Casting Cleaning Technique	National conference on Emerging Trend in Engineering	Jan. 2012	ISBN-978-81-920561-1-1
6	Recent Trend in Casting Cleaning Technique	IJSER	4 April 2013	ISSN 2229-5518
7	Review on Casting Cleaning Technique	IJERT	March 2013.	ISSN: 2278-0181

* NJ-NationalJournal

IJ-InternationalJournal

- **No. of Project Guided at U.G.Level:- 20**
- **No.of Project Guided at P.G.Level:- 03**
- **STTP/FDP/Workshops/Attended/Participated:-**

Sl.	Nameof STTP/FDP/workshop	OrganizedBy	Date
1	Emerging Trends in AIML using MATLAB	BVCOE,Pune	February 23 rd - 27 th , 2026
2	45 th GISFI Standardization series meeting & international workshop	AMGOI, Vathar	30 th Oct to 1 st Nov 2025
3	Bio Materials and its application in Field of Engineering	AGPIT, Solapur	January 9 th –11 th , 2025
4	Emerging Machine Learning Techniques in Healthcare 5.0	AGCOE, Satara	February 11 th –15 th , 2025
5	Role of Green Energy Towards Sustainable Smart Cities	AMGOI, Vathar	February 13 th –17 th , 2024
6	NBA accreditation and Teaching and Learning in Engineering	IIT , Madras	Jan-April 2023
7	AUTOCAD-2D BASIC	KIT COEK	12 th -16 th June 2020

8	Recent Advances in Modelling and Optimization Techniques”	SIT, Yadrav	1 st June to 5 th June 2020
9	Automation studio and Robocell soft	AMGOI, Vathar	December 28 th –30 th , 2015
10	E-foundry program	DKTE, Ichalkaranji	September 7 th , 2013
11	Industrial Tribology	MIT, Pune	March 20 th , 2013
12	Advance Foundry Technology	WCOE, Sangli	February 4 th –5 th , 2011
13	Recent Advances In Numerical Methods In Engineering	NIT, Calicut	May 24 th –June 5 th , 2010
14	Process Equipment Design	SIT Lonavala	April 19 th –23 rd , 2010

- **Departmental Responsibilities:** -PG. Coordinator, NBA Coordinator, Feedback Incharge
- **Other Experience/Responsibilities If Any:** -Counseling In charge, EDC coordinator
 1. **Professional Membership If Any:** -ISTE (LM 104160)