Somaiya Vidyavihar University

Name: Parag Sarode	**E-mail: parag.sarode@somaiya.edu**
Contact No: O- 022 66449531, M- 8149221016	
Department/Section: Mechanical Engineering	
Institute / School : K J Somaiya School of Engineering	

DOJ Somaiya: 29/08/2022	Career Experience: 16 Yrs	Industry Experience: Nil Yrs	Teaching Experience: 16 Yrs
Present Academic Designation: Assistant Professor		Present Administrative Designation: Not Applicable

Area of research/specialization and Courses Delivered

Research domain/interests/areas
1. Mechanical Design
2. Digital Twin
3. Robotics

Courses Delivered
1. Theory of Machines – II
2. Theory of Machines – I
3. Strength of Materials
4. Dynamics of Machinery
5. Project Management
6. CAD/CAM/CAE
7. Design of Mechanical Systems
8. Engineering Drawing
9. Mechanical System Design

Recognition as a teacher by any University	UG: No	PG: No	Ph.D : No

Details of Recognitions
1.
2.

Education

Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
Ph.D	Mechanical Engineering	Sant Gadge Baba Amravati University	Government College of Engineering, Amravati	Pursuing	
PG	M.E. Mechanical (Design Engineering)	Savitribai Phule Pune University, Pune	Sinhgad Institute of Technology, Lonavala	2017	7.12
UG	B. E. Mechanical Engineering	University of Mumbai	Bharati Vidyapeeth College of Engineering, Navi Mumbai	2007	65.81%
Diploma	NA				
NET/SET/Other	NA				

Notable Experience Details

Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	Vidyavardhini's College of Engineering & Technology	Assistant Professor	09 July 2022	28 August 2022	4 Years
2.	Yadavrao Tasgaonkar	Lecturer	02 July 2009	08 July 2022	9 Years

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Polytechnic, Bhivpuri Road, Tal: Karjat					

Research Accomplishments and Projects	
No of students pursuing Ph.D as on date: NA	No of students completed Ph.D as on date: NA
No of students completed PG thesis / Project work as on date: NA	No of students / groups completed UG projects as on date: 1 Group

Publications Total: 03	Number of Peer review Journal papers: Nil	Number of Conference papers: 03

Details of Publications:

International Journals
1.

National Journals
1.

Conferences
1. "Numerical Investigation of Variable Tube Diameter Helical Coil Heat Exchanger", presented at Vidyavardhini's National Conference 2020 Technical Advancements on Social Upliftment's organized by Vidyavardhini's College of Engineering & Technology, 27 June 2020

2. "A systematic Overview of India's Smart City Mission" presented at Vidyavardhini's National Conference 2020 Technical Advancements on Social Upliftment's organized by Vidyavardhini's College of Engineering & Technology on 27 June 2020.

3. "Comparative study of Digital Twin for Robotics", presented at International Conference on Applications of Engineering for Sustainable Development, Government College of Engineering, Amaravati, 20-21 December, 2024.

Books/Book Chapters
1.

Patents/Copy Rights
1. Copyright Filed for "Alarm Gun Mechanism"

No of Research / consultancy / projects completed: Rs:	No of Research / consultancy / projects on-going: Rs:	No of Research / consultancy / projects on applied as on date: Rs:

FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered

Attended
1. Industrial Training Program organized by M/s. Accurate Sales and Services Pvt. Ltd., Pune for 3 days, 29 – 31 August 2016.

2. Industrial Training Program organized by Reliance Infra. Ltd, Dahanu Thermal Power, Station, at Dahanu for 3 days, 14 – 16 July 2016.

3. Industrial training organized by Crompton Greaves Ltd., Kanjurmarg, Mumbai for 3 days, 13 – 15 September 2010.

4. Technical and Soft Skills Training Program organized by L & T Institute of Technology, Powai, Mumbai for 3 days, 21 – 23 December 2009.

5. Industrial Training on CNC operations and Maintenance at INDO – GERMAN Tool Room, Aurangabad for 2 Weeks, 20 July to 01 August 2009.

6. Attended offline workshop on "Writing Research Paper: Hands-on", organized by Department of Mechanical Engineering and Department of Information Technology in Association with IQAC, at K J Somaiya School of Engineering, Mumbai, 10 Days (July 2024 – Oct 2024)

7. Attended 21 days Masterclass (online) on "Advanced Python Programming", organised by Pantech e-learning in association with IETE, 13August 2024 to 03 September 2024.

8. Completed online course on "Create Your First Python Program From UST" authorized by University of Texas, offered through Coursera, 14 June, 2024.

9. Attended a workshop on "Industry 4.0 and smart manufacturing" organized by Department of Electronics engineering, in association with IQAC – KJSCE, at K. J. Somaiya College of Engineering, Vidyavihar, Mumbai, 02 – 04 February, 2023.

10. Attended ISTE approved one week STTP on "Reforms and Innovations in Examination System", organized by Vidyavardhini's College of Engineering and Technology, Vasai, 8 – 13 July 2022.

11. Attended One Week Online Faculty Development Program on "Numerical Simulation and Analysis with COMSOL Multiphysics" Organized by Department of Mechanical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra, 13 – 18 June 2022.

12. Attended Online FDP on "Inculcating Universal Hunan Values in Technical Education" organized by AICTE, 9 – 13 May 2022.

13. Attended Online AICTE Recognized Faculty Development Programme, on AutoCAD, conducted Mechanical Engineering Department, NITTTR, Chandigarh, 6 – 10 May 2022.

14. Attended Online Elementary FDP on "Augmented Reality and Virtual Reality in Pioneering Application Domains" organized by AICTE Training and Learning (ATAL) Academy, at NITTE Meenakshi Institute Of Technology, 24 – 28 August 2021.

15. Attended Online FDP on "Recent Advances in Mechanical Engineering Design", organized by AICTE Training and Learning (ATAL) Academy, at Bharati Vidyapeeth (Deemed to be University) College of Engineering, 20 – 24 July 2021.

16. Completed online course on "Programming for Everybody (Getting Started with Python)" authorized by University of Michigan, offered through Coursera, 20 April, 2021.

17. Attended Energy Conservation Week (online mode), "An Awareness for the citizen to use resources wisely", organized by Vidyavardhini's College of Engineering and Technology, Vasai, 14 – 18 December 2020.

18. Attended AICTE – AQIS sponsored Online four weeks STTP on "Recent Trends in Energy Management and Audit", organized by Rajiv Gandhi Institute of Technology, Mumbai, 2 – 7 November 2020, 23 – 28 November 2020, 7 – 12 December 2020, 14 – 19 December 2020.

19. Attended Online FDP on "Advancement in 3D printing and its future scope", organized by AICTE Training and Learning (ATAL) Academy, at Symbiosis Institute of Technology, 8 – 12 December 2020.

20. Attended one week online short-term training program (STTP) on "Current Biomedical Application of 3D Printing and Additive Manufacturing", Sponsored by AICTE Delhi,

organized by G. H. Raisoni College of Engineering, Nagpur, 2 – 7 November 2020.

21. Attended AICTE sponsored short term training program (STTP) on "Current and Future Trends of Advances in Material Sciences & Technology", organized by Suryodaya College of Engineering & Technology, Nagpur, from 26 October to 31 October 2020.

22. Attended online FDP "Blended Learning and Flipped Classroom", organized by AICTE Training and Learning (ATAL) Academy at SVNIT, Surat, 10 – 14 August 2020.

23. Completed a Short Course on "Learn to Design your own Solar Home System" as part of Energy Literacy Drive of Energy Swaraj Foundation in association with Vidyavardhini's College of Engineering and Technology, 30 August 2020.

24. Attended an Online FDP on "A Journey into the Manufacturing Sector in India in view of Industry 4.0 practices and COVID-19", organized by Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering, Vile Parle (West), Mumbai from 9 June 2020 to 13 June 2020.

25. Attended 5 days webinar on "HVAC&R – Applications", organized by ISHRAE – VCET Students Chapter of Dept. of Mechanical Engineering, Vidyavardhini's College of Engineering and Technology, Vasai from 20 May to 24 May of 2020.

26. Attended a webinar on "Heat Transfer Concepts in configuration Design of Lifting – body of Reusable Hypersonic Vehicle", organized by Dept. of Mechanical Engineering, Bharati Vidyapeeth College of Engineering, Navi Mumbai on 2nd May 2020.

Organized
1. Organized a workshop on "Future of Education-Innovative Pedagogy, OBE & AI' organized by Department of Mechanical Engineering and Department of Science & Humanities in Association with IQAC and TLC of Faculty of Engineering and Technology, Mumbai, 9th to 13th December, 2024.
2. Organized a STTP on "Non Destructive Testing: Integrating Legacy and Emerging New Techniques" as an organizing committee member for a one week, at K. J. Somaiya College of Engineering, Vidyavihar, Mumbai, 02 – 06 July, 2024.
3. Organized International conference on Technologies for Energy, Agriculture, and Healthcare (ICTEAH 2024) as a member of organizing team held at K. J. Somaiya College of Engineering, Vidyavihar, Mumbai, 15 – 16 April, 2024.
4. Organized a workshop on "Sustainable Research and Development" as a organizing committee member for one week, at K. J. Somaiya College of Engineering, Vidyavihar, Mumbai, 02 – 06 January, 2024.
5. Organized a workshop on 'SSA101x: Hands-on training on Solar Study Lamp Assembly'on 2 October 2019 with a role of 'mentor' as a part of Student Solar Ambassador Workshop 2019.
6. Student Development Program on "AutoCAD - Tool for Engineers" as a member of organizing committee, 11th May – 16th May 2020.

Delivered
1. Conducted session on Python installation and Python basics, as a part of FE Summer Internship – 2020, 26 and 29 June 2020.
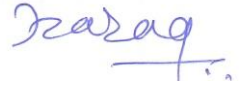
Notable Key Scholastic Achievements	
1.	Passed National Talent Search Examination (NTSE)

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Notable Positions and Responsibility	
1.	Examination Section In-charge, 2013-2018, at Polytechnic
2.	Facilitator for data collection for NAAC criteria coordinators for criteria 1, 3, 7 & for NBA criteria 1

Date: 03/09/2025

Signature of Faculty Member