

Somaiya Vidyavihar University

Name: Sandeep Raghunath Chopade			E-mail: sandeepc@somaiya.edu		
Contact No: 9224340172					
Department/Section: Mechanical					
College: K J Somaiya College of Engineering					
DOJ Somaiya: 09/12/2012		Career Experience: 21_ Yrs		Industry Experience: 02_Yrs	
				Teaching Experience: 23_Yrs	
Present Academic Designation: Assistant Professor (Professor/Associate Professor/Assistant Professor)			Present Administrative Designation: (Principal/Vice-Principal/ Associate Dean/ HOD etc)		

Area of research/specialization and Courses Delivered					
Research domain/interests/areas					
1) Automobile Engineering					
2) Power transmission systems					
3) Renewable Energy					
Courses Delivered					
1. Automobile Engineering					
2. Engineering Mechanics					
3. Renewable Energy					
4. Power Transmission systems					
5. Tribology					
6. Thermodynamics					
7. Thermal Engineering					
8. Refrigeration and Air conditioning					
9. Heat and mass transfer					
10. Material science and metallurgy					
11. Mechanical Measurement and metrology					
12. Power plant engineering					
13. Theory of Machines					

Recognition as a teacher by any University	UG: Yes	PG: No	Ph.D : No
Details of Recognitions			
1. Recognition by K. J. Somaiya College of Engineering, Somaiya Vidyavihar University			

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
Ph.D					
PG	M-Tech. Mechanical	Mumbai University	VJTI, Mumbai	2007	7.0 CPI
UG	B. E. Mechanical	Shivaji University	D. Y. Patil College of Engineering, Kolhapur	1997	66.03%
Diploma					
NET/SET/Other					

Notable Experience Details					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	K. J. Somaiya College of Engineering,	Assistant Professor	July 2012	Working	Twelve Years

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	Mumbai				
2.	Don Bosco Institute Of Technology Kurla	Assistant Professor	July 2011	July 2012	One Year
3.	Pranav Construction systems pvt. Ltd. Navi Mumbai	--Technical Training and Development Manager -- Design Engineer	Jan 2010	Jan 2011	One Year
4.	SIES Institute Of Technology, Nerul, Navi-Mumbai	Lecturer	JUL. 2008	JAN 2010	One Year Six Months.
5.	Bharati Vidyapeeth College Of Engg. C.B.D., Navi- Mumbai.	Lecturer	DEC. 2003	JAN 2008	Four Years
6.	Rajaram Shinde College Of Engg. Pedhambe, Chiplun.	Lecturer	AUG. 1999	DEC. 2003	Four Years
7.	M.S.R.T.C. Div. Workshop Sangli	Junior Maintenance Engineer (Automobile Bus Maintenance)	AUG. 1998	AUG.1999	One Year

Research Accomplishments and Projects

No of students pursuing Ph.D as on date: ----		No of students completed Ph.D as on date: - -----
No of students completed PG thesis / Project work as on date: ----		No of students / groups completed UG projects as on date: Around 50 groups
Publications Total: 05	Number of Peer review Journal papers: 04	Number of Conference papers: 01

Details of Publications:

International Journals

- Chopade, S., Chopade, S., Gawade, S. (2022). A Sensors-Based Solar-Powered Smart Irrigation System Using IoT. In: Khosla, A., Aggarwal, M. (eds) Smart Structures in Energy Infrastructure. Studies in Infrastructure and Control. Springer, Singapore. https://doi.org/10.1007/978-981-16-4744-4_18 JEET
- Gawade, S., Palivela, H., Kulkarni, U., Chopade, S., Chopade, S. (2022). Student Learning Analysis with Impact of Self-learning and Effectiveness During COVID-19. In: Singh, P.K., Singh, Y., Kolekar, M.H., Kar, A.K., Gonçalves, P.J.S. (eds) Recent Innovations in Computing. Lecture Notes in Electrical Engineering, vol 832. Springer, Singapore. https://doi.org/10.1007/978-981-16-8248-3_44
- Chopade, Sandeep, Swati Chopade, and Sushopti Gawade. "Multimedia teaching learning methodology and result prediction system using machine learning." Journal of Engineering Education Transformations 35.Special Issue 1 (2022): 135-142.
- Gawade S, Kulkarni U, Palivela H, Chopade S, Chopade S. Student learning time analysis during covid-19 with online and offline mode. International Journal of Scientific Research in Computer Science and Engineering. 2021 Apr;9(2):17-21.

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National Journals Nil

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1. Conferences 1. National conference paper on Analysis of TTM 10 machine in year 2005 in Gujrat Books/Book Chapters 1.		
Patents/Copy Rights 1.		
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: ---
Details of Research / consultancy / projects: Completed --- On-going --- Applied -----		
IPR/ Copyrights 1. ----		

FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered	
Attended 1. Completed one week FDP on Internet of things and its applications in industry in June 2020 2. Completed one week FDP on Research in Energy Technologies July 2020 3. Completed one week FDP on Recent trends in power generation and storage systems June 2021 4. Completed one week FDP on Applications of Finite Element Analysis (FEA) and Computational Dynamics (CFD) using ANSYS June 2020 5. Completed one week FDP on Recent trends in Mechanical Engineering July 2021 6. Completed one week FDP on Advances in renewable energy and smart grid integration June 2021 7. Completed one week FDP on Cognizance of Industry 4.0 June 2021 8. Completed webinar on Systematic approach for publishing research papers, indexing and citations in December 2022 9. Attended one week short term training program on Non Conventional Energy Sources in 2004 10. Attended two weeks technical teachers training program (TTTI).	
11. Completed FDP on 3D printing and Rapid prototyping in Engineering college Agartala in June 2023 12. Completed FDP on Recent trends in advanced manufacturing technology in D Y Patil college of engineering Pune in April 2023	
13. Completed one week STTP on 3 D Printing and Additive manufacturing from 12-16 march 2024	

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Organized	
1. Cocordinator in conduction of course Solar photo voltaic cell on 09/08/2019 by Dr. Ashish Panchal SVNIT Surat	
Delivered	
1.	

Notable Key Scholastic Achievements	
1.	Token of appreciation for special contribution in academic learning of PWD student
2.	Received first prize for LY project students team in national level working model project compitition PRAKALPA 2023 held at KJSCE in April 2023, I was the project guide.
3	Received first prize for LY project students team in national level working model project compitition PRAKALPA 2024 held at KJSCE in April 2024, I was the project guide.

Notable Positions and Responsibility	
1.	Dept. Placement coordinator
2.	NBA criteria coordinator
3.	NAAC criteria coordinator
4.	IUCEE NEP dept. coordinator
5.	Dept. furniture budget coordinator

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6.	Dept. student exchange programme coordinator
7.	Dept. Write off committee
8.	Dept. Alumni committee
9.	Dept. Higher study/Entrepreneur data coordinator



Date: 08 /09/ 2024

Sandeep Raghunath Chopade
Signature of Faculty Member