

Somaiya Vidyavihar University

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| 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 | |
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| 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 | |

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| 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 | Fourteen 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 <ol style="list-style-type: none"> 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 | |
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| 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 | |
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| 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. |
| 4 | Received appreciation letter for teaching feedback of the course: Sem. VII, Automobile Engineering in 2025 |

| Notable Positions and Responsibility | |
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| 1. | Dept. Placement coordinator |
| 2. | NBA criteria coordinator |
| 3. | NAAC criteria coordinator |
| 5. | Dept. furniture budget coordinator |

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



Sandeep Raghunath Chopade
Signature of Faculty Member

Date: 03 /09/ 2025