

CURRICULUM VITAE

OBJECTIVE: To work in team, where proper utilization of my knowledge and skill will take place to contribute for the success of organization as well as country.



1. **Full Name** : Mr. Sourabh Sadanand Kulkarni
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3. **Contact Number** : 7588260130
4. **E-mail** : sskulkarni6493@gmail.com
5. **Date of Birth** : 06th April 1993
6. **Designation** : Asst. Prof.
7. **Academic Record** :

Qualification	Institute	Year	Percentage
Ph.D.	Shivaji University, Kolhapur	July 2025	Awarded
M.E. (Mechanical-Design Engineering)	Sou. Sushila Danchand Ghodawat Charitable Trust's, Sanjay Ghodawat Institutions, Atigre	2016	65.25%
B.E. (Mechanical)	Tatyasaheb Kore Institute of Engineering & Technology, Warananagar	2014	69%
H.S.C	Balvantrao Zele High school & Junior College, Jaysingpur	February 2010	73.33%
S.S.C	Mahatma Gandhi Vidyalaya, Rukadi	March 2008	87.07%

8. Professional Appointments/Employment:-

Name of Institute	Designation	Period	Teaching/ Research/Industry Experience
SSPM's College of Engineering, Kankavli	Assistant Professor	August 2019 to Till date	06 Years
Sanjay Bhokare Group of Institutes, Faculty of Engineering	Assistant Professor	August 2017 to July 2019	02 Year
Dr. J. J. Magdum College of Engineering, Second Shift Diploma, Jaysingpur	Lecturer	February 2016 to August 2017	1.5 Year
Shree Datta Polytechnic, Shirol	Lecturer	June 2014 to May 2015	01 Year

9. Titles of Thesis:-

Degree	Title of Thesis
Ph. D. (Mechanical Engg.)	Some theoretical and experimental studies on vibration analysis of crack on wind mill structure for structural health analysis by frequency based method
M.E. Mechanical (Design Engg)	Analysis of crack detection in cantilever beam by frequency based method
B.E.(Mechanical)	Robotic supporting leg for handicapped people

10. Publication Details:--

Sr. No.	Title of the Paper	Publication/Presentation Details	Date/Period
01	Analysis of crack detection in cantilever beam by frequency based method	National Conference on “Recent Trends in Mechanical Engineering” NCRTME-2016	July 2016
02	R404a-R23 Cascade Refrigeration system performance evaluation	International conference on “Recent Trends in Engineering, Science and Management”	December 2016
03	A review on optimal selection of machining parameters in turning operations on MRR and surface roughness	International Research Journal of Engineering and Technology (IRJET)	Sept 2020
04	Analysis of optimal selection of machining parameters on MRR and surface roughness using Taguchi Method	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	Sept 2020
05	A review on application based on Cutter Using Crank and Slotted Lever Mechanism	International Research Journal Engineering and Technology (IRJET)	April 2021
06	Automated pesticide sprayer for Arecanut	International Research Journal Engineering and Technology (IRJET)	April 2021
07	Automatic Mechanical Cutter Using Crank and Slotted Lever Mechanism	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	June 2021
08	A review on experimental methods in health monitoring techniques for wind turbine blade	9th International Conference on “Advancements and Futuristic Trends in Mechanical and Materials Engineering” at IIT Ropar	Dec 2021
09	Experimental investigation of effect of a transverse crack on Wind Turbine Blade using vibration based method for the development of SHM	9th International Conference on “Advances in Energy Research” at IIT Bombay	Dec 2023
10	Numerical and experimental investigations in a cracked wind turbine blade using natural frequencies	Wind Engineering, SAGE Publication	April 2024

11. Conferences /Seminars/ Workshops Attended:-

Sr. No.	Name of the Conference /Seminar/Workshop	Place	Year
01	2 Days Workshop on “Vibration Measurement and Analysis”	PVPIT, Budhgoan	Nov 2015
02	3 Days Workshop on “ Vibration and Noise: Method of Analysis, Measurement and Control”	Dr. J.J.M.C.O.E Jaysingpur	March 2016
03	One Day Workshop on “Research Methodology”	Dr. J.J.M.C.O.E Jaysingpur	Oct 2016
04	One week STTP on “Introduction to FFT Analyzer and its Application for Industrial Consultancy”	SVERI’s College of Engineering, Pandharpur	December 2017

Sr. No.	Name of the Conference /Seminar/Workshop	Place	Year
05	One day workshop on “Teaching Methodologies in the subject Noise and Vibration”	Nanasaheb Mahadik College of Engineering, Peth	December 2017
06	One week National Level Online FDP on “Effective use of ICT tools in Teaching Learning Process”	Organized by Government Polytechnic, Malvan	June 2020
07	National Webinar on: “CPM & PERT Techniques for Product Launch”	Sanathana Research and Training Institute in Association with Rotary Club of Mysore-West	March 2021
08	Webinar on “Implementation of National Education Policy-2020”	SGM College of Engineering Mahagaon In Collaboration With Government College of Engineering Karad An Institute Under AICTE Margdarshan Scheme	April 2021
09	5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education”	AICTE	July 2021
10	Five Day Faculty Development Program on “EMERGING TECHNOLOGIES IN AUTOMOTIVE INDUSTRY”	VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY	August 2021
11	one day Entrepreneurship Awareness Program	SSPM’s College of Engineering, Kankavli In collaboration with MSME, Government of India	Feb 2022
12	How to Write Thesis Report in Latex	SSPM’s College of Engineering, Kankavli	Feb 2022
13	How to Publish a Scientific Research Paper	SSPM’s College of Engineering, Kankavli	Feb 2022
14	Nanotechnology and Nano materials	SSPM’s College of Engineering, Kankavli	Feb 2022
15	Matlab Fundamentals	SSPM’s College of Engineering, Kankavli	Sept 2023
16	One Week Online Faculty Development Program (FDP) on "Recent Trends in Mechanical Engineering"	Department of Mechanical Engineering of ATS SBGI, Miraj in collaboration with ISTE, New Delhi	Jan 2024
17	2 Days FDP on “Recent Trends in Renewable Energy and Energy Conservation”	Yashwantrao Chavan Polytechnic, Ichalkaranji	Feb 2024
18	Present Scenario and Future of Automobile Fuel	SSPM’s College of Engineering, Kankavli	March 2024
19	5 Days FDP on “Emerging Trends in Mechanical Engineering”	SSPM’s College of Engineering, Kankavli	May 2024
20	One Week STTP on “Condition Based Monitoring – Leverage Technology for Smarter Industrial Maintenance”	St. Francis Institute of Technology, Borivali	Jun 2024

12. Notable Work: Worked as In-charge NAAC Criterion I, Examination In-Charge, Key note speaker – 5 Seminars

13. Academic Responsibilities:

- a) Worked as MESA Coordinator
- b) Worked as Time Table Coordinator
- c) Worked as Departmental Library Coordinator
- d) Worked as In-charge of On Screen Marking

14. Events Organized:

- a) National Level Paper Presentation and Project Competition
- b) National Level Technical Event “VIRTUOSIC 2k23”

15. No. of UG projects Guided: 16

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Google Scholar Profile link: [Sourabh Sadanand Kulkarni](#)

Declaration:

I hereby declare that all the information provided by me is factual and correct to the best of my knowledge and belief.

Signature

Mr. Sourabh Sadanand Kulkarni