

BIO-DATA



1. **Name** Shoumik Kulkarni
2. **Designation** Assistant Professor
3. **Residential Address** Koparkhairane, Navi Mumbai – 400709
4. **Date of birth** 12 December
5. **Total Experience** 6.5 Years
- i. **Teaching** 6.5 Years
- ii. **Industrial** --

6. **Qualifications**

Exam Passed	Year	Institution/ University	Branch/Specialization	Percentage/CGPI
M.Tech	2014	Walchand College of Engineering, Sangli	Mechanical – Design Engg.	7.82
BE	2011	University of Pune	Mechanical	55

Additional Qualification:

7. **Employment Record**

Institution	Year (From To)	Designation
G H Raison College of Engineering and Management, Ahmednagar	July 2014 to May 2015	Assistant Professor
AISSMS College of Engineering, Pune	June 2015 to Dec 2016	Assistant Professor
Fr. C. Rodrigues Institute of Technology, Vashi	Jan 2020 to date	Assistant Professor

8. **Undergraduate / Postgraduate Teaching Experience and Subjects Taught**

Subjects Taught at UG level

Sr.No.	Name of Subject	Semester
1	Dynamics of Machinery	5
2	Engineering Graphics	2
3	Engineering Mechanics	1
4	Machine Design	6
6	Vibration Control	7
7	Python Programming	4
8	Mathematics for Data Science	5

Subjects Taught at PG level

Sr.No.	Name of Subject	Semester
1	Mechanical Vibrations	1

9. **Research Experience**

10. **Research Funding / Consultancy Services:**

Sr.No.	Name of the Company	Address	Product	Consulting Service	Consulting Fees	Period
1.	Triqual Cryogenics Pvt. Ltd.	Turbhe	Gyro Motor	Product Development		4 Months

Research Grants:

Sr.No.	Name of Funding Organization	Type of Grant	Amount (Rs.)	Year	Name of Research Project

Technical Collaboration / Lab Funding with Industries

Sr.No.	Name of the Funding Organization	Type of Support	Amount (Rs.)	Year

11. Professional Societies Fellowship / Membership

Institute of Engineers (India): Associate Member

Indian Society for Technical Education (ISTE): Life Member

Council of Vibration Specialists (CVS)

12. Achievements / Awards / Position**13. Projects guided in UG/PG level**

1. Fire Extinguisher Gun.
2. Stair Climbing Wheelchair.
3. Air Motor Powered Screw Jack.
4. Remote Controlled Oil Skimming Boat.
5. Design and Development of Pesticide Spraying Robot.
6. Enhancement of Heat Transfer in Heat Exchanger using Various Types of Inserts.
7. Pipe Cleaning Robot for Industrial Applications.
8. Experimental Study of Flow Induced Vibrations Introduced by Various Flow Discontinuities. (Ongoing)
9. Design and Development of Gyro Motor for Defence Applications. (Ongoing)
10. Design of Automatic Seed Sowing Machine.
11. Design and Development of Liner Motor Controlled valve for Cryogenic Applications.

14. Short Term Training Programmes attended

1. Online ATAL FDP on *Electric Vehicles* organised by FCRIT, Vashi in November 2020.
2. Online STTP on *GNU OCTAVE* organised by AMITY School of Engineering and Technology, Mumbai in June 2021.
3. Online ATAL FDP on *Mechatronics and MEMS* organised by NIT Warangal, in July 2021
4. FDP on “Advance Maintenance Practices and Vibration Diagnostics” organised jointly by FCRIT, Vashi and CVS (Mumbai Chapter), in June 2023.

15. List of Journal Papers Published

S P Kulkarni and M M Khot, Comparison of Methodologies for Conceptual Design of Mechanisms, volume 3 issue 7, International Journal of Science and Research, 2014.

16. List of Papers Published in National and International Conferences**17. Books/Reports/General articles etc.****18. Invited Lectures in FDP/ STTP****19. International Conference Technical Program Committee Member / Reviewer****20. Patents**