

## BIO-DATA



1. **Name** Kamlesh Shivram Sasane
2. **Residential Address** Nerul, Navi Mumbai. 400706
3. **Date of birth** 07<sup>th</sup> May
4. **Total Experience** 15.5 Years
  - i. **Teaching** 15 years
  - ii. **Industrial** 0.5 years

5. **Qualifications**

Exam Passed	Year	Institution/ University	Branch/Specialization	Percentage/CGPI
M. E	2014	FCRIT, Vashi	M/c Design	62.97%
B. E.	2007	FCRIT, Vashi	Mechanical Engineering	61.8%

6. **Employment Record**

Institution	Year (From To)	Designation
Fr. C. Rodrigues Institute of Technology, Vashi	Nov 2007 till date	Assistant Professor
RPG,Cables	Jun 2007 – Nov 2007	Management Trainee

7. **Subjects Taught at UG level**

Sr.No.	Name of Subject	Semester
1.	Automobile Engineering-I	VII
2.	Automobile Engineering-II	VIII
3.	E-commerce and Industrial finance	VI
4.	Mechanical measurement and Metrology	V
5.	Piping Engineering	VIII
6.	Internal combustion Engines	V
7.	Industrial Engineering and Management	VIII
8.	Metrology and Quality Engineering	VI
9.	Materials and Metallurgy	III
10.	Kinematics of Machinery	IV
11.	Dynamics of Machinery	V

8. **Short Term Training Programmes attended**

1. One-week short term training program on “Nanomaterial-: Simulation, modelling, and processing” organized by V.J.T.I., Matunga, Mumbai.
2. Advances Manufacturing Process and Management Practices– VJTI, Mumbai (22<sup>nd</sup> to 27<sup>th</sup> December 2017)
3. Statistical Analysis & its Applications in Industry & Research-ViMEET, Khalapur (6<sup>th</sup> May to 10<sup>th</sup> May 2019).
4. Sensor Technology, NIT Chandigarh, AICTE Training and Learning Academy (from 21st Sep to 25<sup>th</sup> Sep 2020)
5. Electrical Vehicle, All India Shri Shivaji Memorial Society's College of Engineering Pune, AICTE Training and Learning Academy (5th Nov 2020 to 9th Nov 2020)

6. Python programming, Fr.C.Rodrigues Institute of Technology,Vashi. (10<sup>th</sup>-12<sup>th</sup> March 2022)

**9. List of Papers Published in National and International Conferences**

1. "Design and development of robotics arm with 4-degree of freedom", in International Journal of Engineering research & Technology, Volume-3 Issue-10, October-2014.
2. "Pedal Powered Clothes Washer", in International Journal of Engineering research & Technology, Volume-4 Issue-4, April-2015.
3. "Control of motor and pump using LabView and Arduino, in International Journal of research fellow-2320-7296, Volume: 3 Issue: 10, October-2015
4. "Design & development of vibration exciter with SHM and sudden jerk motion" Volume: 3 Issue: 10, March-2016 .
5. "Design and development of Electric scooter with Regenerative braking", in proceeding of 4<sup>th</sup> International conference on Industrial Engineering (ICIE-2017), S.V. National Institute of Technology, Surat, Gujrat on December 21-23, 2017.
6. "Modelling and simulation of Electric scooter with Regenerative braking" International Conference on Frontiers in Engineering, Applied Sciences and Technology (FEAST 2018), April 27th & 28th, 2018 at NIT, Tiruchirappalli.
7. "Need for change in the attitude in stereotyping professional fields, like engineering, as being gender specific" NIT, Warangal 2019.
8. "Incorporating Additional Power Cycle in Conventional Four Stroke SI Engine to Develop Six Stroke Engine" ICNTE, NIT, Warangal 2019.
9. "Vibration analysis of Quarter car model with conventional and Force –Voltage analogy" 2nd International Mechanical Engineering Congress (IMEC – 2019), NIT Tiruchirappalli, 29 Nov. 2019 – 01 Dec. 2019.
10. "Experimental evaluation of Jominy end quench test using various quenching mediums." 3rd Biennial International Conference on Future Learning Aspects of Mechanical Engineering (FLAME - 2022) 3rd – 5th August 2022.
11. "An investigation on addition of HHO gas in gasoline engine", 3rd Biennial International Conference on Future Learning Aspects of Mechanical Engineering (FLAME - 2022) 3rd – 5th August 2022.
12. "Design, Modelling, Analysis and Fabrication of Automated Sewage cleaning system", International Conference on Recent Developments in Mechanical Engineering, (ICRDME-2022),24th-25th June 2022.
13. "Design and Development of Semi - Automated Manual Transmission" International Conference on Recent Developments in Mechanical Engineering, (ICRDME-2022),24th-25th June 2022.
14. "Design and construction of an oxygen concentrator",5th INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING (ICAME 2024),20-22, March 2024.
15. "Model-based Fault detection for low-cost UAV actuators", 4<sup>th</sup> Biennial International Conference on Future Learning Aspects of Mechanical Engineering (FLAME - 2024) 31<sup>st</sup> July- 2<sup>nd</sup> August 2024.
16. "An investigation on effect of stiffness &damping on drivers riding comfort and vehicle stability", 4<sup>th</sup> Biennial International Conference on Future Learning Aspects of Mechanical Engineering (FLAME - 2024) 31<sup>st</sup> July- 2<sup>nd</sup> August 2024.

**10. International Conference Technical Program Committee Member / Reviewer**

1. 3<sup>rd</sup> and 4<sup>th</sup> Biennial International Conference on Nascent Technologies in Engineering. Rodrigues Institute of Technology, Vashi, Navi Mumbai, India, January 04-05, 2019 and January 15-16, 2021