

## **BIO-DATA**



1. **Name** SYED MOHAMMED ARIF
2. **Designation** Assistant Professor
3. **Residential Address** Kharghar, Navi Mumbai
4. **Date of birth** 27 February
5. **Total Experience** 11 yrs  
**Teaching** 11 yrs

6. **Qualifications**

Exam Passed	Year	Institution/ University	Branch/Specialization
M.E.	2018	Mumbai University	Mechanical (Thermal)
B.E.	2013	Mumbai University	Automobile Engineering

7. **Employment Record**

Institution	Year (From To)	Designation
Fr. C. Rodrigues Institute of Technology	03/07/2023 till date	Assistant Professor
Agnel Polytechnic, Vashi	03/07/2019 to 01/07/2023	LECTURER
A.R. Kalsekar Polytechnic, Panvel	26/08/2013 to 30/06/2019	

8. **Undergraduate / Postgraduate Teaching Experience and Subjects Taught**  
**Subjects Taught at UG level**

Sr.No.	Name of Subject	Semester
1.	Product Design and Development	VIII
2.	Vehicle Systems	VII
3.	Design of Mechanical Systems-Lab	VII
4.	Machine Design-Lab	VI
5.	CAD Modeling-Lab	III
6.	Python Programming Lab	III

7.	Product Design	III
8.	AutoCAD-Lab	II

### **Subjects Taught at PG level**

Sr.No.	Name of Subject	Semester
1.		

### **9. Research Funding / Consultancy Services:**

Sr.No.	Name of the Company	Address	Product	Consulting Service	Consulting Fees	Period
1	Fluidline-EXACTA	Ahmedabad	Hdrogen Stove	Design and Development	21,24,000/-	9 months

### **Research Grants:**

Sr.No.	Name of Funding Organization	Type of Grant	Amount (Rs.)	Year	Name of Research Project
1.					
2.					

### **Technical Collaboration / Lab Funding with Industries**

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

### **10. Professional Societies Fellowship / Membership : SAEINDIA**

### **11. Achievements / Awards / Position:**

### **12. Projects guided in UG/PG level : 4UG**

### **13. Short Term Training Programmes attended/conducted:**

#### **Conducted**

- 1 week – Faculty Development Program on “Emerging Area in Engineering and Technology” 5<sup>th</sup> to 9<sup>th</sup> May 2021 in association with Institute Innovation Cell.

#### **Attended**

- Completed 4 weeks NPTEL-AICTE FDP on Python for Data Science with a consolidated score of 7% from January to February 2025
- Completed 12 weeks NPTEL-AICTE FDP on Industrial Robotics: Theories for Implementation with a consolidated score of 76% from July to October 2024.
- One week FDP on Fault Diagnosis in Machineries using Vibration Analysis at FCRIT, Vashi from 08/07/2024 to 12/07/2024.

- One week AICTE ATAL FDP on Institutional Restructuring and Strengthening Autonomy through NEP at FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING from 20/11/2023 to 25/11/2023.
- Completed an Infosys Springboard course by coursera on FEA.
- Attended one week FDP on Machine Learning and Deep Learning with python organised by APV.
- Attended three days online FDP on Electric Vehicles organised by RIT, Rajaramnagar.
- Attended five days training program at BOSCH Ltd. Pune on Advanced Automotive Technologies.
- Attended one-week Short term training on “Energy Conservation and Auditing: Application to Industry” organised by AIKTC, Panvel.
- Certified and trained as NDT LEVEL II as per SNT-TC-1A of ASNT in Ultrasonic Testing, Radiographic Testing, Magnetic Particle Testing and Liquid Penetrate Testing by SkillMart.
- Attended one week training on “CNC Programming and Machining” organized by Department of Mechanical Engineering, A.R. Kalsekar Polytechnic, Panvel

#### **14. List of Journal Papers Published**

- Published a paper entitled CFD Analysis of Heat Transfer in Helical Coil in International Research Journal of Engineering and Technology (IRJET) Volume 4, Issue 3, March 2017 Impact Factor 5.181. S.NO: 372.  
Link <https://www.irjet.net/archives/V4/i3/IRJET-V4i3372.pdf>

#### **15. List of Papers Published in National and International Conferences**

- Conference paper “Auto Sorting and Placing of Objects using Robotics Vision Module in MELFA Industrial Robot” at 5th International Conference on Mobile Computing and Sustainable Informatics (ICMCSI), IEEE, pp. 877-880, ISBN/ISSN Number 979-8-3503-9523-5/24.
- Conference paper “Fire Suppression System in Electric Vehicles” at International Conference on Design and Manufacturing Technologies(ICDMT 2024) held at PEC, Chandigarh.

#### **16. Invited Lectures in FDP/ STTP :**

- Invited to conduct a session as an expert in STTP “Tools and Methods for research and Publication” organised by Department of Mechanical Engineering in association with IEI, NMLC on 10<sup>th</sup> January, 2025”.
- Invited for an expert lecture on the topic “AI tools for Research” by Humanities dept. for Computer and IT students on 24<sup>th</sup> April, 2025.

#### **17. International Conference/Technical Program Committee Member / Reviewer:**