

BIO-DATA



1. **Name** MOHAMMOD AFZAL ALAM ANSARI
2. **Designation** Assistant Professor
3. **Residential Address** Koparkhairane, Navi Mumbai. 400709
4. **Date of birth** 26th September
5. **Total Experience** 8 yrs
Teaching 7.5 yrs

6. **Qualifications**

Exam Passed	Year	Institution/ University	Branch/Specialization
M.Tech.	2014	IIT Bombay	Aerospace Engineering (Aerospace Propulsion)
B.Tech.	2011	Aeronautical Society of India	Aeronautical Engineering (Aero-Mechanical)

7. **Employment Record**

Institution	Year (From To)	Designation
Fr. C. Rodrigues Institute of Technology, Vashi	June 2018 till date	Assistant Professor
Lokmanya Tilak College of Engineering, Koperkhairane	Jan 2017 to May 2018	Assistant Professor
Vasantdada Patil Pratisthan's College of Engineering, Sion	Jan 2015 to Dec 2016	Assistant Professor

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

Sr.No.	Name of Subject	Semester
1.	Finite Element Analysis	V / VI
2.	Heat Transfer	V
3.	Thermal Engineering	V
4.	Fluid Mechanics	IV
5.	Engineering Mechanics	I
6.	Engineering Drawing/AutoCAD	I

Subjects Taught at PG level

1.	Finite Element Analysis Lab	II
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9. Research Experience: Nil**10. Research Funding / Consultancy Services:**

Sr.No.	Name of the Company	Address	Product	Consulting Service	Consulting Fees	Period
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Research Grants:

Sr.No.	Name of Funding Organization	Type of Grant	Amount (Rs.)	Year	Name of Research Project
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Technical Collaboration / Lab Funding with Industries

Sr.No.	Name of the Funding Organization	Type of Support	Amount (Rs.)	Year
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11. Professional Societies Fellowship / Membership : AMAeSI, SAE India**12. Achievements / Awards / Position: Nil****13. Projects guided in UG/PG level : 10 UG, 2PG****14. Short Term Training Programmes attended :**

- AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Lighter-than-Air Systems" from 13/12/2021 to 17/12/2021 at Manipal Institute of Technology.
- Online Short Term Training Program on "GNU Octave" organized by the Department of Aerospace Engineering, Department of Electronics and Communication Engineering and IQAC Cell of Amity School of Engineering and Technology, Amity University Maharashtra from June 21, 2021 to June 25, 2021.

- Webinar series on “Fundamentals of Combustion” organized by Pimpri Chinchwad College of Engineering from 15th to 18th June 2020.

15. List of Journal Papers Published

- Deshmukh N. N., Ansari A., Kumar P, George AV, Thomas FJ, George MS., "Effect of position of radial air injection plane on control of thermo-acoustic instability using active closed-loop method", Journal of Vibration and Control, vol. 0, no. 0, pp 1-9, 2021. doi:10.1177/10775463211050175
- N. N. Deshmukh, A. Ansari, S. Degwekar, R. Unnikrishnan and B. T. Paul, "Effects of Volume and Neck Length of Helmholtz Resonator on Thermo-acoustic Instability," 2021 4th Biennial International Conference on Nascent Technologies in Engineering (ICNTE), 2021, pp. 1-5, doi: 10.1109/ICNTE51185.2021.9487662.

16. List of Papers Published in National and International Conferences

- N. N. Deshmukh, A. Ansari, S. Degwekar, R. Unnikrishnan and B. T. Paul, "Effects of Volume and Neck Length of Helmholtz Resonator on Thermo-acoustic Instability," 2021 4th Biennial International Conference on Nascent Technologies in Engineering (ICNTE), 2021, pp. 1-5, doi: 10.1109/ICNTE51185.2021.9487662.
- N. N. Deshmukh, A. Ansari, A. Phalak, and J. D. ‘M C. A. Mathew, “Effect of helmholtz resonator shape on suppression of thermo-acoustic instability,” IOP Conf. Ser. Mater. Sci. Eng., vol. 1259, no. 1, p. 012002, Oct. 2022, doi: 10.1088/1757-899X/1259/1/012002.

17. Books/Reports/General articles etc.

18. Invited Lectures in FDP/ STTP : Nil

19. International Conference Technical Program Committee Member / Reviewer :

20. List of Patents Published:

- Deshmukh Nilaj N.’ Ansari Afzal, Kumar Praseed, George Allen Varghese, Thomas, Febin Joseph, George Merick Steve, George Joe Nishit “A METHOD OF SUPPRESSING THERMO-ACOUSTIC INSTABILITIES BY MEANS OF ACTIVE CLOSED LOOP”, the Patent Office Journal No. 52/2021 Dated 24/12/2021, Application No.202021026306 A