

## BIO-DATA



1. **Name** Mr. MATHEWLAL T
2. **Designation** Associate Professor
3. **Residential Address** Nerul, Navi Mumbai. 400706
4. **Date of birth** 19<sup>th</sup> February
5. **Total Experience** 34 yrs  
**Teaching** 34 yrs
6. **Qualifications**

Exam Passed	Year	Institution/ University	Branch/Specialization
M.S.	1994	BITS PILANI	Systems & Information
B.Tech.	1986	Calicut University	Mechanical Engineering

### 7. Employment Record

Institution	Year (From To)	Designation
Fr. C. Rodrigues Institute of Technology	17/07/2011 till date	Associate Professor (6th Pay)
	17/07/2008 to 16/07/2011	Assistant Professor (5th Pay.)
Ramrao Adik Institute of Technology	22/08/1990 to 16/07/2008	Lecturer
Fr. Agnel Polytechnic	Jan 1989 to Aug 1989	

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

#### Subjects Taught at UG level

Sr.No.	Name of Subject	Semester
1.	Engineering Mechanics	I
2.	Engineering Drawing/Graphics	II
3.	Strength of Materials	III
4.	Heat and Mass Transfer.	V

5.	Refrigeration and Air Conditioning.	VIII
6.	Non-Conventional energy Systems	VIII

**9. Research Experience**

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

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

**Research Grants:**

Sr.No.	Name of Funding Organization	Type of Grant	Amount (Rs.)	Year	Name of Research Project
1	University of Mumbai	Minor Research Grant	30,000/-	2014-15	
2	ISHRAE	Project grand	50000/-	2018-19	Design and Analysis of Thermo-Acoustic Cooling setup

**Technical Collaboration / Lab Funding with Industries**

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

**11. Professional Societies Fellowship / Membership:**

**ISTE**

**12. Achievements / Awards / Position**

1. Application Receiving Centre (ARC) Co-ordinator for three years (2008 to 2011) (First Year Admission Process),
2. Member of Syllabus Revision Committee, University of Mumbai (Sub: Engineering Drawing/ Sem-II, CBSGS) (2012)
3. DEPARTMENT Coordinator for AICTE/University Affiliation Work, (2008-2012)
4. Chief Conductor for University Examinations,
5. Subject Coordinator FE Sem-I (Engineering Mechanics) and FE Sem-II (Engineering Drawing) from 2008 to 2013.
6. Question Paper setter/ Chairman for Subjects HMT (Sem-V, Mech), EM ( Sem-I, All Branches) , ED ( Sem-II, All Branches).
7. Final Year Project Coordinator from 2012-14.
8. Admission Committee Member during Minority Quota Admission (in the Year 2013).
9. Program coordinator in the department. (2014-15)
10. Worked as Mumbai University Mechanical/Automobile Engineering Result Moderation Committee member. (2015-2016)
11. ARC Coordinator in FE Admission 2014-15.
12. Admission Committee Member during Minority Quota Admission (in the Year 2014).
13. Coordinating the Department Activities in the absence of HOD.

14. Co-ordinated EM tutorial/Workshop for two days for FE students (20 & 21 Oct 2014).
  15. ARC Coordinator in FE Admission 2015-16.
  16. FC Coordinator in FE Admission 2016-17
  17. Worked as In-charge HOD from 2015 to 2017
  18. Worked as Mumbai University Mechanical/Automobile Engineering Result Moderation Committee member. (2016-2017 and 2017-18).
  19. Member of the Local Management Council of the Fr.C.R.I.T, Vashi for 1 year
  20. Appointed as In-charge/Controller of Examinations of FCRIT Vashi from SH 2017.
  21. Officiating as Controller examinations of the Institute since 6 years.
- 13. Projects guided in UG/PG level: 13**

**14. Short Term Training Programmes attended :**

1. Attended 1-day workshop, entitled “Teaching and Research in Entrepreneurship” organized by Centre for Social Entrepreneurship, School of Management, School of Management and Labour Studies, TISS Mumbai.
- 2) Attended Two Weeks Faculty Development Programme on “Entrepreneurship Development” at Entrepreneurship Development Institute Ahmedabad.
- 3) Coordinated 3-day workshop cum orientation on “CAMPUTER AIDED MACHINE DRAWING” for Teachers of University of Mumbai (June 2013)
- 4) Conducted a lecture on “Entrepreneurship Development” for Diploma students at Fr.Agnel Polytechnic, Vashi.
- 5) Attended a 1-day workshop on “Heat Transfer” (TE sem V revised) at SIES college Nerul. 6) Attended FDP on “Innovative Methods of Teaching Mechanical Engineering” (IMTME2017) at NIT Warrangal from 22 march to 26th March-2017.

**15. List of Journal Papers:**

1. Design and Analysis of the Frame of Smart Wheel Chair, January 2019 International Conference on Nascent Technologies in Engineering (ICNTE-2019)
2. Design and Analysis of Thermo-Acoustic Cooling setup, International Conference of Science, Technology and Management (ICSTM2017), IJESTR Volume 4 issue-11 November 2017 ISSN 2394-3386
3. Experimental Investigation of Thermo-Acoustic Effect Using a Thermo-Acoustic Refrigeration Setup, International Journal of Engineering Trends and Technology (IJETT), Volume X Issue Y- June 2017
4. Design, Simulation And Fabrication off Vortex Cold Air, Volume4 Issue 6, August 2016, IJSRD : ISSN:2321 0613
5. Solar Distillation of water, Volume. 2, Issue.7, October – 2015, IJERT. ISSN: 2395-0056
6. Numerical Simulation of Window Air Conditioner, Volume2, September 2015, IJETSR
7. Numerical simulation of Vapour Compression Refrigeration System, Jan-2015, ICNTE2015 / IJERT
8. Demonstration of Thermo-Acoustic refrigeration by setting up an experimental Model, Nov-2014, ICAET / IOSR JOURNAL
9. Demonstration of Magneto Caloric effect by fabricating Magnetic Refrigeration Set up, Aug-2014, vol-3, Issue-5, IJSRET

10. Modification of Water cooler for improving its COP and reducing Electricity Consumption, Oct-2013, IETAT-2013

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

1. Development of an Aquatic Robot for Cleaning a Swimming Pool (ICNTE 2023)
2. Design and Development of a Smart Wheel Chair, International Conference on Nascent Technologies in Engineering (ICNTE-2021)
3. Design and Analysis of Thermo-Acoustic Cooling setup, International Conference of Science, Technology and Management (ICSTM2017), IJESTR Volume 4 issue-11 November 2017 ISSN 2394-3386
4. Numerical simulation of Vapour Compression Refrigeration System, Jan-2015, ICNTE2015 / IJERT
5. Selection of an appropriate air distribution system for an office space using CFD flow analysis, NCNTE 2013

**17. Books/Reports/General articles etc.**

**18. Invited Lectures in FDP/ STTP :**

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

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