

**ANITHA S.NAIR**  
ASSISTANT PROFESSOR



**Contact Information**

Official Address : Department of Mechanical Engineering, G.E.C.,  
Barton Hill

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**Professional Qualifications**

<b>B-Tech</b>	Specialization	Mechanical Engineering
	Institute/ University	College of Engineering, Trivandrum/ University of Kerala
	Year	1994
<b>M-Tech</b>	Specialization	Thermal Sciences
	Institute/ University	College of Engineering, Trivandrum/ University of Kerala
	Year	1997
<b>PhD</b>	Specialization	
	Institute/ University	
	Year	

## Area/Research Interests

- Combustion, Internal Combustion Engines

## Professional Experience

- October 1999- June 2000 Lecturer Govt. Engg. College, Thrissur
- November 2000 - August 2001 Lecturer Shirdi Sai Engg. College, Bangalore
- October 2001 - April 2002 Lecturer Govt. Engg College, Calicut
- April 2002 - November 2013 Lecturer / Asst. Prof. College of Engineering, Trivandrum
- November 2013 - till date Assistant Professor Govt. Engg College, Barton Hill

## Responsibilities/Position (Department, College and University)

- Department Time table - in - charge
- Lab - in - charge of Fluid Mechanics and Machines Lab
- Staff Advisor to Mechanical Engineering Students Association
- Staff -in-charge - ASME Student's Chapteer
- Co-convenor - Women's Forum

## Publications (Journals/ International Conferences)

Pratheesh P.P. , Anitha S.Nair, Design, Modeling and Analysis of Ball Type Infinitely Variable Transmission (B-IVT) System, Proceedings of the 5<sup>th</sup> National conference on Emerging Technologies, August 19-20 2016 ( NCET 2016 ), Trivandrum , India

Ullas Innocent Raj, Anitha S.Nair, Development of a 3D CFD Model of a Shrouded Wind Turbine, Proceedings of the 10<sup>th</sup> National conference on Technological Trends, Nov 6 - 7, 2009 ( NCTT 2009 ), Trivandrum , India

A.R.Rajkumar, Anitha S.Nair, Design , Fabrication and Testing of a Concentric Displacer Type Stirling Engine, Proceedings of the 8<sup>th</sup> National conference on Technological Trends, 30<sup>th</sup> Nov 1<sup>st</sup> Dec 2007 ( NCTT 2007 ), Trivandrum , India

## FDPs and Workshops attended

Sl.No.	Name of Programme	Period	Organising Institution
1	Induction Training Programme for Teachers	22.11.1999 - 03.12.1999	College of Engineering Trivandrum
2	Quality Engineering and Terotechnology	07.03.2000 - 20.03.2000	Government Engineering College, Thrissur
3	Improving Teaching Effectiveness Through TQM	17.01.2005 - 29.01.2005	College of Engineering Trivandrum
4	Software Tools for Numerical Computation	31.10.2005 - 15.11.2005	College of Engineering Trivandrum
5	ISO 9001:2000 Internal Auditor Training Course	25.04.2005 - 26.04.2005	College of Engineering Trivandrum

6	Numerical Techniques in Engineering	12.12.2005 - 16.12.2005	College of Engineering Trivandrum
7	Computational Fluid Dynamics	20.11.2006 - 24.11.2006	College of Engineering Trivandrum
8	Non-Destructive Testing Methods for Engineers	19.11.2007 - 30.11.2007	Government Engineering College Barton Hill, Trivandrum
9	Space Technology - Status and Challenges	10.03.2008 - 22.03.2008	College of Engineering Trivandrum
10	Refrigeration - Air Conditioning Technology - Status and Challenges	12.01.2009 - 23.01.2009	College of Engineering Trivandrum
11	Numerical Methods for Non-Linear Finite Element Computations	09.02.2009 - 20.02.2009	College of Engineering Trivandrum
12	Mathematical Models in Engineering	18.01.2010 - 23.01.2010	College of Engineering Trivandrum
13	Research Document Preparation Using LATEX	16.12.2013 to 20.12.2013	College of Engineering Trivandrum
14	Research Methodology for Engineers	23.06.2014 to 27.06.2014	Government Engineering College Barton Hill, Trivandrum
15	SPSS and MS Excel for Engineers and Scientists	20.07.2015 to 24.07.2015	College of Engineering Trivandrum
16	Experimental Techniques in Fluid Dynamics	01.12.2015 to 05.12.2015	College of Engineering Trivandrum
17	Outcome Based Education and NBA Accreditation	10.12.2015 to 12.12.2015	College of Engineering Kidangoor, Kottayam
18	Life Skills	11.07.2016 to 15.07.2016	Government Engineering College Barton Hill, Trivandrum
19	Experimental Stress Analysis	19.07.2016 to 23.07.2016	Government Engineering College Barton Hill, Trivandrum
20	Molecular Modelling for Engineers	28.11.2016 to 03.12.2016	College of Engineering Trivandrum
21	Technical Writing for Academicians and Researchers	24.07.2017 to 28.07.2017	College of Engineering Trivandrum