



S.Ramanathan

Assistant Professor

Department of Mechanical Engineering,
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Education:

- M.Tech (Thermal Engineering) from Jawaharlal Nehru Technological University, Kukatpally, Hyderabad (I Class with Distinction) 2007.
- B.Tech (Mechanical Engineering) from VNR VJMET, Hyderabad, 2001.

Work Experience:

Industry: 3 years.

Teaching: 12 years (Working in MVSREC since September 2009)

Subjects taught in Course Work:

- Engineering Drawing (Graphics)
- Machine Drawing
- Thermodynamics
- Applied Thermodynamics
- Heat Transfer
- Refrigeration and Air Conditioning
- Productions and Operations Management
- Industrial Administration and Financial Management

Publication(s) / Presentation(s) in Journals:

1. L. Syam Sundar, **S. Ramanathan**, K.V. Sharma and P. Sekhar Babu¹, *Temperature Dependent Flow Characteristics of Al₂O₃ Nanofluid*, International Journal of Nanotechnology and Applications, ISSN 0973-631X Volume 1 Number 2 (2007) pp. 35-44

2. L. Syam Sundar, K.V.Sharma and **S. Ramanathan**, Experimental investigation of Heat Transfer Enhancements with Al₂O₃ Nanofluid and Twisted Tape Insert in a Circular Tube, International Journal of Nanotechnology and Applications, ISSN 0973-631X Volume 1 Number 2 (2007) pp. 21–28

Book Reviews:

The following books have been reviewed by me for McGraw-Hill Education (India) Private Limited:

1. Non Conventional Energy Resources by BH Khan, July 07, 2008; Ref: MS/SEM/19/2008
2. Basic and Applied Thermodynamics by PK Nag, August 27th, 2008; Ref: MS/SEM/94/2008.
3. Introduction to Machine Design, VB Bhandari, January 2013
4. Mechanics of Materials, 3e by Beer, May 06, 2009; Ref: DL/SEM/220/2009
5. Schaum's Outlines, Strength of Materials, 4e by Nash, June 09, 2009; Ref: DL/SEM/285/2009
6. Mechanics of Solids, 2e (SI Units) by Crandall; July 2009; Ref: DL/SEM/252/2009

Details of workshop/seminars/conferences/refresher courses attended:

S.No	Details of seminar/workshop/refresher course	Venue	Dates
1.	One Day Regional Seminar on Trends in Renewable Energy Applications and Technologies (TREAT-2012)	Osmania University, Hyderabad	04.02.2012
1.	Workshop on Computational Methods in Fluid Dynamics (CMFD-2015)	MVSREC, Hyderabad	16.12.2015 to 18.12.2015
2.	Faculty refresher course in Control Systems Theory	MVSREC, Hyderabad	04.01.2016 to 08.01.2016
3.	Orientation program on Engineering Graphics using AUTOCAD	Matrusri Engineering College, Saidabad	21.07.2016 to 23.07.2016
4.	National Seminar on Turbo machinery and Electrical Equipment	MVSREC, Hyderabad	21.12.2016 and 22.12.2016
5.	Faculty Development Program on Recent Trends in Mechanical and Industrial Engineering (RTMIE-2017)	MVSREC, Hyderabad	11.12.2017 to 15.12.2017
6.	National Level Workshop on Applied Numerical Methods, Optimisation Techniques and Learning (ANMOL-18)	MVSREC, Hyderabad	19.01.2018 and 20.01.2018
7.	Induction Program for Faculty of Engineering Colleges	Osmania University, Hyderabad	13.07.2018 to 15.07.2018
8.	AICTE-ISTE sponsored Faculty Development Program on Refrigeration and Automobile Air Conditioning	MVSREC, Hyderabad	23.07.2018 to 28.07.2018

Awards: Gold Medal for Best Teacher in Mechanical Engineering Department for the years 2010-11, 2011-12 and 2012-13.

Faculty Coordinator for Mechanical Engineering Students Association (MESA) since 2014.