

Name:RAMU RATLAVATH

Designation:Assistant Professor
Department:Automobile Engineering
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Experience (in years): Teaching: 7 Years
Research: nil
Others(if any, specify):nil

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	B.Tech.	2009	Mechanical
2	M.Tech.	2013	Thermal Engineering
3	Ph.D (Pursuing) II Sem	2019	Thermal Engineering

2. Teaching and Learning:

2.1. Teaching Interests:

- Thermal Engineering
- Fluid Mechanic and hydraulic machines
- Heat and Mass transfer
- Operations research
- Solar energy
- Machine Drwaing

2.2. Novel Teaching & Learning Techniques adopted:

- Chalk and board
- PPTs
- WIT & WIL
- Assignments
- Videos

2.3. Involvement in curriculum updating / Design: nil

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Reading books and play games

3.2. CCA/ECA Organized:

3.3. CCA/ECA participated:

3.4. Counseling and Mentoring Activity: Mentor- IV B.Tech

3.5. Committees involved in:

Department level:Coordinator –

- Coordinator – In charge of Library
- Coordinator – In charge of bridge course
- Coordinator – In charge of remedial class
- Coordinator – In charge of alumni Association
- Coordinator - In charge of finishing school
- Coordinator - In charge of NBA 9 & 10 Criteria

Institute Level: nil

4. Conference / Workshop / Seminar / Guest Lectures :

4.1 Conducted:

- TEQIP Sponsored A three Day National Workshop on “Alternative Fuels and Power Train Systems”, during 4 – 6 December 2014, VNRVJIET, Hyderabad as a member.
- TEQIP Sponsored National Workshop on “Recent Trends and Research Opportunities in Manufacturing Processes” (RTROMP-2016) 09-11 MARCH 2016, VNRVJIET, Hyderabad as a member.
- Three Day National Workshop on “Simulation and Analysis of Automotive Systems using Hyper Mesh” (Hyper Works), 04-06 October 2016, VNRVJIET, Hyderabad as a member.
- A Two Day National Workshop on “Electric Mobility and its Ecosystem” during 17 - 18 February 2020, VNRVJIET, Hyderabad, as a member.

4.2 Attended:

- Non Destructive Testing in Mechanical Engineering (19/12/2013-21/12/2013,VNRVJIET
- Engineering The Education Scenario Towards A Learner Centric (04/08/2014- 06/08/2014 ,VNRVJIET
- Alternative fuels and Powertrain Systems - 04/12/2014-06/12/2014,VNRVJIET
- Finite Element method 3 day workshop in mechanical engineering department 25th-27th february,2016,VNRVJIET.
- Recent Trends and Research Opportunities in Manufacturing Processes (RTROMP-2016) 09-11 March 2016,VNRVJIET
- Advanced Numerical Modeling Techniques for Mechanical Engineering held during 27th to 31st March 2017,VNRVJIET
- Five day Short Term Training Programme on Engineering Drawing through AUTOCAD Mechanical Engineering 11th-15th December, 2017,VNRVJIET
- NPTEL Certificate received on Laws of Thermodynamics,2018.
- Automation Studio Software Mech.Dept. sep, 2019,VNRVJIET
- Development Characterization and analysis of composites(DCAC-2019) ,VNRVJIET
- FDP on ‘ AI, Machine Learning and Deep Learning Applications to Smart Grid’, Dec-2019.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: nil

5.2. Articles/Chapters published in Books: nil

5.3. Books published as single author or as editor: nil

5.4. Projects Guided :

a) UG : 10

b) PG : nil

5.5. Research Interests :Thermal Turbo Machinery , Fluid Mechanics and Heat Transfer

5.6. Ph.D students :Not Applicable

a) Enrolled : yes (Part Ph.D in NIT Warangal)

b) Submitted:

c) Awarded:

5.7. Papers published in reviewed journals :

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1					
2					

5.8. Papers presented at National / International Journals :

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1				
2				

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

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6. Awards / Honors received: nil

7. Motto: