

## FACULTY PROFILE



**Name:** D.V.RAGHUNATHA REDDY

**Designation:** Assistant Professor

**Teaching Areas:** Thermal Engineering, Refrigeration and Air-conditioning, Heat Transfer

**Research Interests:** Refrigeration system Simulation, Neural Networks, Fuzzy Logic.

### Education:

- (PhD), R&A/C,JNTUA, Ananthapur, about submission
- M.Tech. (Refrigeration and Air-conditioning) , JNTUA ,2010
- B.Tech. (Mechanical Engineering),JNTUH,2005

### Professional Experience

1. 2013 - till date: Assistant Professor, FST, I FHE University, Hyderabad.
2. 2006 – 2008 : Assistant Professor, S.S.Institutue of Technology, Dundigal, Hyderabad
3. 2009-2010 : Brilliant Institute of Engineering and Technology, Hyderabad.
4. 2010 – 2013 : Auroras Technological & Research Institute, (ATRI) Hyderabad.
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### Research / Selected Publications:

1. D.V.Raghunatha Reddy, P.Bhramara, K. Govindarajulu “Experimental Evaluation of the Effect of Refrigerant Charge and Capillary Tube Length on the Performance of Household Refrigerator with Different Configurations of R290 and R600a ”, ELSEVIER Materials to day Proceedings” (Elsevier journal), Under Review.
2. D.V.Raghunatha Reddy, P.Bhramara, K. Govindarajulu “Hydrocarbon Refrigerant mixtures as an alternative to R134a in Domestic Refrigeration system: The state-of-the-art review ”, IJSER ISSN 2229-5518, Volume NO:7,June-2016.
3. D.V.Raghunatha Reddy, P.Bhramara, K. Govindarajulu “Application of soft Computing techniques for analysis of vapour compression refrigeration system ”, IJCET ISSN 2277-4106, ISSN2347-5161 Issue-2 February 2014.
4. D.V.RaghunathaReddy, Dr P.Bhramara, Dr KGovindarajulu “performance Optimization of Capillary Tube Length in Split Type Air Conditioning System” IJERT ISSN: 2278-0181 vol.1 Issue 7 September-2012.