

## FACULTY PROFILE



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

**Designation:** Assistant Professor

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

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

### Education:

- (PhD). (Refrigeration and Air-conditioning), JNTU Aanathapuram,
- M.Tech. (Refrigeration and Air-conditioning), JNTUA Aanathapuram, 2010
- B.Tech. (Mechanical Engineering), JNTU Hyderabad, 2005

### Professional Experience

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

### Research / Selected Publications:

1. 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 ", International Journal of Engineering Research and Technology (IJERT), ISSN 2229-5518, Vol.7, pp 87-93, June 2016.
2. D.V.Raghunatha Reddy, P.Bhramara, K. Govindarajulu "Application of soft Computing techniques for analysis of vapour compression refrigeration system ", International Journal of Current Engineering and Technology (IJCET), ISSN 2347-5161, Issue-2, pp 368-373, February 2014.
3. D.V.RaghunathaReddy, Dr P.Bhramara, Dr KGovindarajulu "Performance Optimization of Capillary Tube Length in Split Type Air Conditioning System" International Journal of Engineering Research and Technology(IJERT), ISSN 2278-0181, Vol.1, Issue7, pp 1-11, September 2012.