



## CURRICULUM VITAE

**SIDDHARDHA RELANGI**

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### Work experience:

- Worked as a Design Engineer in Teckons (August 2008 to February 2009)
- Worked as Asst.Professor in GIET (July 2009 to April 2010)
- Worked as Asst.Professor in MVGRCE Vizianagaram ( December 2012 to May 2013)
- Working as Assistant Professor in GVPTSOE Visakhapatnam ( June 2013 to Till Date)

### Papers Presented/Published in Journal Publications:

1. K. Pavan Kumar, P.V.Vinay, **R.Siddhardha**, “Thermal and Structural Analysis of Tree Shaped Fin Array”, International Journal of Engineering Research and Applications, ISSN : 2248-9622, Vol. 3, Issue 6, Nov-Dec 2013, pp.01-05. Impact Factor:1.7
2. K. Pavan Kumar, P. V. Vinay, **R. Siddhardha**, "CFD Analysis of Tree Shaped Fin Array on Flat and Symmetrical Wedge Shaped Base Plate", Journal of Thermal Engineering and Applications, Vol.1, Issue 1, Jan-2014, pp.1-6.
3. SK Bhatti, **R. Siddhardha**, K.Pavan Kumar, K. Sanatha, “ Optimization of Performance of Shell and Tube Heat Exchanger with Al<sub>2</sub>O<sub>3</sub> Nanofluid as Working Fluid” Recent Trends In Fluid Mechanics, Vol.2, Issue 2, July-2015, pp.1-9.

### Paper Proceedings in Conferences:

1. R.Siddhardha et.al, “Experimental Study and Comparison of Enhancing Heat Transfer through Open-Cell Metallic Foam and Solid Rectangular Fin Using CFD” **Recent Advances In Mechanical Engineering**, 10<sup>th</sup> and 11<sup>th</sup> March 2017

**Subjects Taught:**

Engineering Thermodynamics, Thermal Engineering, Fluid Mechanics, Heat and Mass Transfer, Engineering Graphics and Power Plant Engineering

**Computer proficiencies:**

- ANSYS 15
- Auto-Cad 2010
- Catia V5R19

**Labs Handled:**

Mechanical Engineering Lab I and II, Fluid Mechanics Lab, Heat Transfer Lab, CAD/CAM Lab And Manufacturing Technology Lab I and II

**Personal Details:**

Father Name: R. Udaya Bhaskara Rao (Self Employment)  
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Dowlaiswaram,  
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