

## **CREDENTIALS**

**NARENDRA BABU N**  
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### **Career Objective**

To save our mother earth, by creating engineering innovative green initiations to all fields.

### **Education**

<b>Degree</b>	<b>University/Institute</b>	<b>Percentage</b>
M. Tech Energy Engineering & Management (May-2013)	National Institute of Technology, Calicut	7.98
B.E. Mechanical Engineering (2008)	M.S. Ramaiah Institute of Technology (VTU)	71.52

### **Papers published in International Journals:**

- 1.Narendra Babu N, Kamath HC: Materials Used in Heat Pipe, ScienceDirect, Materials Today: Proceedings 2 ( 2015 ) 1469 – 1478
- 2.Narendra Babu N,Rudra Naik:Experimental Investigation and Performance Evaluation of a Multi turn Closed Loop Pulsating Heat Pipe, Applied Mechanics and Materials Vols. 592-594 (2014) pp 1554-1558
- 3.Narendra Babu N, Jayaraj S, Pavan Kumar M and Kamath HC: Thermochemical Cycles for Hydrogen Production, Applied Mechanics and Materials Vols. 592-594 (2014) pp 1820-1824

### **Paper published in International Conferences:**

1. Applications of Heat pipe

### **Professional (Industry) Experience (3 years)**

Perceived a total experience of more than 3 years in power plant industry.

### **Teaching Experience (5+ years)**

Perceived a total experience of 8+ years in teaching and continuing the same profession.

### **Industry Projects**

#### **Main projects worked**

- 4 x 300 MW, FGD plant at Ratnagiri, for JSWRL
- 500 MW class GE reference project
- 1 x 50 MW Concentrating Solar Power plant (CSP) for
- 5X800MW ,Super critical thermal power plant at Mundra
- 2x660 MW, Super critical thermal power plant at Suratgarh, Rajasthan for Rajasthan Vidyut Utpadan Limited (RVUN)

### **M.Tech (ACADEMIC PROJECT)**

**Project: DESIGN & ANALYSIS OF A SOLAR THERMOCHEMICAL WATER-SPLITTING REACTOR-A CFD APPROACH**

### **Technical Skills**

<b>HBD analysis</b>	Thermoflow 21, Thermoflex
<b>Application</b>	MS-Office

## **Personal Profile**

Father's Name : Narayanaswamy  
Date of Birth : 20th July, 1985  
Passport : H0251082  
Linguistic Proficiency : English, Hindi, Kannada and Telugu  
Hobbies : Collection of geographical facts.  
Nationality : Indian  
Sex : Male  
Permanent address : Nelavagilu, Hosakote(Taluk), Bangalore  
Rural District, Karnataka -562122

## **Faculty Development Programs Attended**

1. Practical aspects of computational fluid dynamics in application to heat transfer and fluid flow, (conducted by: VTU-Cambridge, 1Week Program)
2. Theoretical, Computational and Applied Mechanics, (conducted by: BMSCE, 1Week Program)
3. Intelligent Machines and Systems, (conducted by: BMSCE, 1Week Program)
4. Developments in Hydraulic and Pneumatic controls, (conducted by: BMSCE, 1Week Program)
5. Gas Turbine Technology and current challenges, (conducted by: BMSCE, 1Week Program)
6. Fluid Mechanics, (conducted by: IITK-BMSCE, 2Week Program)

*I hereby confirm that the above information is accurate to the best of my knowledge and belief.*

**Narendra Babu N**