

# **SREEKANTH K.M**

## **Objective**

I am looking for an opportunity in a reputed organization which will help me to upgrade my skills in engineering and to work for the development of the organization.

## **Contact Info**

Address : Flat No #A 204  
Barvika Residency  
Basapura Road, off Hosur road  
Bangalore 560100

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## **Educational Background**

### **M.Tech**

Field of study : Thermal Sciences & Energy systems

Institute : Amrita Vishwa Vidyapeetam, Bangalore Campus

Grade/Class : First Class (7.43/10)

Graduation Date : September, 2015

### **Bachelor of Engineering**

Field of Study : Engineering (Mechanical)

Major : Mechanical Engineering

Institute : CSI College of Engineering  
Ketti, The Nilgiris

Grade/Class : First Class (7.4/10)

Graduation Date : May, 2013

### **Higher Secondary**

Field of Study : Computer Science  
Institute : Govt.HSS Poothrikka  
Ernakulam, Kerala  
Grade/Class : First class (74.33%)  
Year of passing : 2009

### **High School**

Institute : Mar Athanasius Memorial Higher Secondary School,  
Puthencruz, Ernakulam, Kerala  
Grade/Class : Distinction (83%)  
Year of passing : 2007

## **INDUSTRIAL EXPOSURE AND PAPER PRESENTATION**

Done industrial training from:

- HMT MACHINE TOOLS LTD  
Kalamaserry  
Kerala
- AUTO CAST LTD  
Cherthala  
Kerala
- Presented a paper titled “Design and Analysis of Solar Operated Pesticide Sprayer” in the “1<sup>st</sup> National Level Conference On Advances In Mechanical Engineering-’14” at TJohn Institute of Technology.
- Published a paper titled “**Effect of iron oxide nanoparticle in bio digestion of a portable food-waste digester**” in **Journal of Chemical and Pharmaceutical Research,2015,7(9):353-359.**

- Co-authored a paper titled “Exergy analysis of biogas digester and effect of iron oxide nanoparticle in bio digester” in the 2<sup>nd</sup> International Conference on Nanotechnology at Haldia Institute of Technology.

### Skills and Exposure

- Exposure in Energy management, Energy Auditing, Renewable energy, Energy conservations during the curriculum.
- Hands on experience in Anaerobic Digestion System and exposure in Solar Rooftop Systems.
- Took Renewable Energy Systems, Measurements in Thermal Systems, Energy Conservation in Thermal Systems and Energy Management as electives
- Basic knowledge in AutoCAD, CATIA, OpenFOAM and CFD

### Co-Curricular Activities

- Prominent Member of Event Management Committee in College Cultural Fest.
- Actively participated in various departmental activities of Mechanical association.
- Represented college in Inter-College Badminton Tournaments and Cricket Tournaments.

### Project Details

#### M.Tech

A detailed study was done on **Enhancement of bio-methanation by utilizing Iron Oxide Nano Particles** which help in converting food waste to useful energy in an effective manner.

## **B.E**

A project on “**Design of drill jig for the drilling operation on the fountain body of a printing machine model SOM-125G**” is done at HMT Machine Tools Ltd.

### **Personal Particulars**

Age : 25 years  
Date of Birth : 12<sup>th</sup> December 1990  
Nationality : Indian  
Gender : Male

### **References**

#### **Dr.Debjyoti Sahu**

Position : Asst. Professor  
Department of Mechanical Engineering  
Amrita School of Engineering, Bangalore.  
Mobile : 8970863768  
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#### **Prof. Sam Challadurai**

Position : Professor & Vice Principal  
Department of Mechanical Engineering  
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