



## ADDRESS

### OFFICE

Department of Mechanical  
Engineering  
LBS College of Engineering  
Muliya Post  
Kasaragod - 671542

### RESIDENCE

Chathanchirayil House 33/5586A  
Opposite to Vidyannagar Colony  
Chevayur (P.O) Kerala

## CONTACT

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# MUKUL JOSEPH

ASSISTANT PROFESSOR

## EDUCATION

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### NATIONAL TECHNOLOGY CALICUT

2009-2011  
M TECH IN THERMAL ENGINEERING

### GOVERNMENT ENGINEERING COLLEGE, THRISSUR

2004-2008  
B TECH IN MECHANICAL ENGINEERING

## TEACHING EXPERIENCE

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### L B S COLLEGE OF ENGINEERING

SEPTEMBER 2015 to fill date

## RESEARCH INTERESTS

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Energy storage, Fuel cell

## **INDUSTRIAL EXPERIENCE**

<b><u>ORGANISATION</u></b>	<b><u>LOCATION</u></b>	<b><u>DESIGNATION</u></b>	<b><u>DEPARTMENT</u></b>	<b><u>DURATION</u></b>
HINDUSTAN SHIPYARD LIMITED (under Ministry of Defence) (A Government of India Undertaking)	Visakhapatnam, Andhra Pradesh, India	Assistant Manager	Plant Maintenance Dept. (Mechanical)	From 01-06-2013 to 31-08-2015
Quest Global	Bangalore	Engineer	Rolls Royce	From 01-07-2011 to 30-05-2013

### **SUBJECTS HANDLED:**

Thermodynamics, Heat and Mass Transfer, Fluid Mechanics, Engineering Graphics, Engineering Mechanics, Hydraulic Machines, Thermal Engineering, Refrigeration and Air Conditioning, Power Plant Engineering, Strength of Materials, Theory of Machines.

### **LABS HANDLED:**

Fluid Mechanics Lab, Hydraulic Machines Lab, Heat Engines Lab, Instrumentation lab, Heat Transfer Lab.

### **TECHNICAL SKILLS**

- AUTOCAD, PRO-E, ANSYS, UNIGRAPHICS, GAMBIT, FLUENT
- MS OFFICE EXCEL, WORD, POWER POINT Etc.

### **ACHIEVEMENTS**

- Secured high rank in State Engineering Entrance Examination
- Secured high rank in All India Engineering Entrance Examination (AIEEE)
- Got a percentile higher than 96 (percentile) four times in GATE exam consecutively during GATE 2009,10,11,12.
- Cracked the all India exam conducted by Hindustan Shipyard Limited, Visakhapatnam, for the post of Asst. Manager with 1<sup>st</sup> rank.

➤ Cracked the all Kerala exam for the post of Asst. Professor with 1<sup>st</sup> rank.

➤ Conducted Thrissur Motor Show 2007.

### **PERSONAL SKILLS**

➤ Ability to deal with people diplomatically

➤ Capability to learn the technology which can make me a part of the team that dynamically works towards the growth of the organization,

➤ Good leadership, ability to work hard, patience.

### **SEMINARS AND PROJECTS**

<b>COURSE</b>	<b>PROJECT</b>	<b>SEMINAR</b>
B. Tech	<b>Mini project:</b> Quality Assurance in Unplasticized PVC pipes. <b>Main project:</b> Design and fabrication of Progressive Prestool Incorporating Strip Lifting Pins.	1. Helicopter Flight Theory
M. Tech	Exergy Analysis of Proton Exchange Membrane Fuel Cell (PEMFC) using Ethanol as fuel.	1. Effect of Compression ratio, equivalence ratio and engine speed on the performance and emission characteristics of Spark Ignition engine using hydrogen as fuel. 2. Rocket Propulsion.