

# CURRICULUM VITAE

## **RESMY J.DEVAN**

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### **CAREER OBJECTIVE:**

- To secure a position where my hard work, dedication and the ability to acquire new skills will advantage the research arena. I want to be a part of an organization that can provide me the opportunity to fulfill my sincere desire to augment my insight into my field of interest, gaining a substantial amount of experience.

### **PERSONAL SKILLS AND ACHIEVEMENTS:**

- Ability to work under pressure and have the ability to deal friendly with people, willingness to learn new things, hardworking & committed, adaptability and a good team player
- Expertise in softwares like **ANSYS, ABAQUS, CATIA, SOLIDWORS, MATLAB, AUTOCAD, INVENTOR** (Obtained **Professional in Mechanical CADD Certificate** from CADD Center Trivandrum in **ANSYS, CATIA and SOLIDWORKS**)
- **Life Membership in ISTE**
- **NPTEL certification in MECHANICS OF COMPOSITES**
- Undergone FDP in **ROBOTICS AND AUTOMATION**
- Undergone FDP in **INTRODUCTION TO TRIBOLOGY AND SURFACE ENGINEERING**

### **PROFESSIONAL SNAPSHOT:**

**ASSISTANT PROFESSOR.    OCTOBER 2017 ONWARDS**

***LBS COLLEGE OF ENGINEERING, KASARAGOD, KERALA***

### **FACULTIES UNDERTAKEN**

- **Mechanics of solids** for B-Tech students

- Design of Machine Elements for B.Tech students

ASSISTANT PROFESSOR January 2015 to April 2017 ( 2 year 3 months)

*New Horizon College of Engineering*

*Bangalore,  
Karnataka,*

#### FACULTIES UNDERTAKEN

- **Non Traditional Machining** for M-Tech students.
- **Material Science and Metallurgy** for B.Tech students
- **Metrology and Instrumentation** for B.Tech students
- **Material Science lab, Metrology lab and Design lab**

ASSISTANT PROFESSOR January 2014 to January 2015 (1 Year)

*Mar Baselious College of Engineering and  
Technology*

*Trivandrum,  
Kerala,*

#### FACULTIES UNDERTAKEN

- **Thermal Engineering, Engineering Graphics and Mechanics of solids** for B-Tech students.
- **Finite Element Method, Research Methodology** for M-Tech students.
- **Fluid mechanics lab, Heat and Mass transfer lab, IC Engines lab** handled for B-Tech students
- **Cad lab** handling for M-Tech students

**Coordinator** in national level Conference on **Futuristic Technologies in Mechanical Engineering** (NCFT'14) held at Mar Baselious college of engineering, on September 2014.

ASSISTANT PROFESSOR August 2012 to December 2013 (1 Year 5 Months)

*UKF College of Engineering and  
Technology*

*Kollam,  
Kerala,*

#### FACULTIES UNDERTAKEN

- **Fluid Mechanics, Thermodynamics, Heat and Mass Transfer, Thermal Engineering, Hydraulic machines & Heat Engines, Engineering Graphics** for B-Tech students
- **Fluid mechanics lab, Heat and Mass transfer lab and Metrology lab** handled for B-Tech students

## CONFERENCE PUBLICATIONS:

- "Numerical studies on the effect of welding tool geometry and welding force in Friction Stir Welding of AL2219" - **International conference** on "Emerging Trends in Manufacturing Technology" - INC@mtTRENDS ' 12 held at **ToC-H institute of science and technology**, Ernakulam, Kerala on September 2012.

- “Numerical studies on the effect of tool geometry and welding Parameters in Friction Stir Welding of AL2219” - **International Conference** on Computer Aided Engineering (CAE-2013) held at **IIT MADRAS** on December 2013.
- **BEST PAPER AWARD**  
 “Numerical investigation of the effect of tool geometry in Friction Stir Welding of AL2219” - 13th **National Conference** on "Technological Trends" - NCTT 2012 held at **College of Engineering, Trivandrum, Kerala** on august 2012.

## PROJECTS PREPARED:

- Submitted a project on **Design optimization of friction stir welding tool** (Done in **ISRO, Trivandrum**) as a part of Master’s Degree course.
- Submitted a project on **Realisation of thin walled INCONEL shell using in INSAT by Deep Drawing Process** (Done in **ISRO, Trivandrum**) as a part of Bachelor’s Degree course.

## ACADEMIC MILESTONES:

- |   |   |  |
|---|---|--|
| ➤ | M-Tech ( <b>Machine Design</b> )<br><i>SCT government college of engineering<br/>University of Kerala</i> | August–2012<br><i>Trivandrum – Kerala.</i> |
| ➤ | B-Tech ( <b>Mechanical Engineering</b> )<br><i>Marian Engineering College<br/>University of Kerala</i>    | April–2010<br><i>Trivandrum –Kerala.</i>   |
| ➤ | Higher Secondary (Biology science Group)<br><i>Board of Higher Secondary Examination</i>                  | March–2006<br><i>Kerala</i>                |
| ➤ | Secondary School Leaving Certificate<br><i>General Education Department,<br/>Government of Kerala</i>     | March–2004<br><i>Kerala</i>                |

## ACADEMIC CREDENTIALS:

- Post-Graduation (M-Tech) : 8.44 (CGPA)
- Graduation (B-Tech) : 75.0 %
- Under Graduation : 82.0 %

➤ Matriculation : 96.0 %

### **VOLUNTEER EXPERIENCE:**

- Coordinator of State Level Technical Symposium, MEXXMERIZE '10 held at Marian Engineering College, Trivandrum
- Supervised the event 'TECHNICAL QUIZ' during MEXXMERIZE '10 held at Marian Engineering College, Trivandrum

### **AREAS OF INTERESTS:**

- Machine Design
- Strength of Materials
- Finite Element Method
- Material Science

### **LANGUAGES KNOWN:**

- English : Read, Write, Speak
- Malayalam : Read, Write, Speak
- Hindi : Read, Write, Speak
- Tamil : Speak
- Kannada. : Speak

### **PERSONAL INFORMATION:**

- Place of Birth : Trivandrum – Kerala.
- Date of Birth : 10 July 1988.
- Nationality : Indian.
- Hobbies : Listening music, Reading Books,

### **REFERENCE:**

1. Dr.S.Biju  
Scientist-SF,  
Manager, EFA, MME

VSSC, Indian Space Research Organisation,

Trivandrum

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