

**CAREER OBJECTIVE**

To be associated with a highly reputed and innovative organization this can provide me with a dynamic work sphere to extract my inherent skills as a Professional.

**ACADEMIC QUALIFICATION**

Secured second position in M Tech degree examination in university of Kerala in Applied Electronics and Instrumentation branch

EXAMINATION PASSED	YEAR OF PASSING	BOARD/UNIVERSITY	INSTITUTE	PERCENTAGE OF MARKS
M Tech (Applied Electronics and Instrumentation)	2014	University of Kerala	Lourdes Matha College of Science and Technology, Trivandrum	9.28 CGPA
B Tech (Electronics and Communication)	2012	University of Kerala	Mar Baselios College of Engineering and Technology, Trivandrum	8.45 CGPA
H.S.E.	2008	Kerala state board	G.B.H.S.S, Adoor	92.83%
S.S.L.C.	2006	Kerala state board	St. Thomas High School	92.76%

**TECHNICAL SKILLS**

Programming Languages	JAVA,C,C++, SERVLETS,JSP SPRING,HIBERNATE SQL,HTML,CSS
Technical languages	MATLAB & SIMULINK,LABVIEW, HFSS MICROCONTROLLER ASSEMBLY LANGUAGE,ORCAD PSPICE, ANSOFT DESIGNER
Operating systems	WIN-7,WIN-8

## ACADEMIC PROJECTS

### 1. Four Channel Oscilloscope Adaptor (UG mini project)

Cathode Ray Oscilloscope (CRO) is one of the most common signal analyzer in electronics laboratories. The 4-Channel Oscilloscope is a simple block to switch the normal 2-channel CRO to 4 input receiving capability. The multi input facility of the 4-C\_O helps to visualize many of input/output signals simultaneously. The input channel blocks are made up of Operational amplifiers, a channel switch followed by an oscillator, trigger generator, power supply, cables and accessories.

### 2. Design and Implementation of a Robust Palm Biometrics Recognition and Verification System

(UG main project)

Our project presents an approach to personal identification using hand geometry. We had designed the imaging set up, feature Extraction module, and a theoretical framework for matching for extracting the hand geometric features using simple algorithms.

### 3. Zigbee Based Weather Monitoring System (PG mini project)

I had developed an embedded system to design a wireless weather monitoring system which enables to monitor the weather parameter in an industry or anywhere by using Zigbee technology and display the parameter on the PC's screen.

### 4. Design of a Dual Polarized Microstrip Fractal Patch Antenna for S-Band Applications.

(Thesis work)

My thesis work is to design and simulate a dual polarized microstrip fractal antenna and study the effect of introduction of fractal structures on the radiation parameters of conventional microstrip antenna. The antenna is designing to operate at S band (2.7 GHz- 3 GHz). The simulation was done in HFSS (High Frequency Structure Simulator).

## PUBLICATIONS

1. **Jiji Joseph**, Soni p. Saji, Athira U. M. "Design and Implementation of a ZigBee Based Weather Monitoring System " International Conference on Emerging Trends in Electronics and Communication (ICETEC14), organized by Department of ECE ,Maria College of Engineering and Technology, Attoor March13-14 2014.

2. **Jiji Joseph**, Jayarenjini N. "Dual Polarized Microstrip Patch Antenna for S-Band Applications" National Conference on Recent Trends Computer Science & Engineering, Applied Electronics & Instrumentation and Power Systems (Prabandh'14), Organized by CSE, ECE, EEE, Mohandas College of Engineering & Technology on 27-28 June 2014

3. Deepa P. L., Jobin J., **Jiji Joseph**, Sandhya Y. A. , Soni P. Saji "Palm Biometrics Recognition and Verification System", International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering Vol. 1, Issue 2, August 2012  
[www.ijareeie.com/upload/.../1\\_Palm%20Biometrics%20Recognition.pdf](http://www.ijareeie.com/upload/.../1_Palm%20Biometrics%20Recognition.pdf)

## INDUSTRIAL TRAINING

1. Undergone two weeks In- plant training in petrochemical and Udyogamandal divisions of **Fertilisers And Chemicals Travancore Limited** (FACT) during the period from 7<sup>th</sup> May 2013 to 18<sup>th</sup> May 2013

## PROFESSIONAL DEVELOPMENT

- Attended the **Two days National Hands-on Workshop** on "*Signal processing and its applications using Ti C6000 DSP*" course held at Travancore Engineering College, Kollam on 26-27 September 2013.

- Attended the one day **ISTE e-Workshop** on “*Creative Teaching*” organized by Dept. of Computer Science & Engineering, Amal Jyothi College of Engineering, Kanjirappally in association with ISTE Kerala Section on 5<sup>th</sup> October 2013.
- Participated **paper presentation** in the National Level Inter Collegiate Fest HORIZON held at Saint Gits College of Engineering, Kottayam on 12<sup>th</sup> August 2011
- Attended Training Under Infosys Campus Connect Life Skills Program at Mar Baselios College of Engineering and Technology, Trivandrum, November, 2011

## PERSONAL SKILLS

- Excellent testing, debugging, and troubleshooting skills
- Excellent problem solving and analytical skills
- Good written and spoken English

## PERSONAL DETAILS

**Father's Name** : Mr. JOSEPH P. M.  
**Date of Birth** : 11/02/1990  
**Marital status** : Married  
**Nationality** : Indian  
**Languages Known** : English, Hindi and Malayalam.

**Temporary Address** : 1505, Marigold  
 Everest country side  
 Off Ghodbunder road  
 Thane west 400615

**Permanent Address** : Bethel Kuziathu  
 Palamukku  
 Puthumala P. O.  
 Pathanamthitta-691554  
 Kerala

## Reference:

1. Mr. Ram Prasad Tripathy  
 Head of the Department,  
 Department of Electronics and Communication,  
 Lourdes Matha College of Science and Technology.  
 Trivandrum

I hereby declare that the all the information given is true to my knowledge and belief.

