

# SANDHYA R

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## CONTACT

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## OBJECTIVE

Searching a job opportunity in the field of Embedded System design and development.I am trying to enhance my education and knowledge through participating in a group work environment that have space to allow self motivation and development.

## WORK EXPERIENCE

MEI October 2016 — present

Technical Assistant

- Testing and Calibration of psychiatric devices like ECT, RTMS, EMG, GSR etc...
- Knowledge in designing new products related to these devices.
- Developed New RTMS with new various features.

BIOMED ELECTRONICS February 2015—February2016

Technical Assistant Trainee

- Assembly, Testing and calibration of Surgical Diathermy, Surgical Pumps, Surgical Lights
- Designing of new testing jigs for Electronic components for inspection.

2,ATmega16,PIC - 16F877A,8051. Proficiency in Matlab.

## EDUCATION

B Tech in Electronics and Communication JUNE 2010 — MAY 2014

MG UNIVERSITY

Institution name: KMEA Engineering college.

- Have an aggregate of 75%.
- Implemented a "**Energy Harvesting LED Torch With Added Features**" as Main Project and "**Power Analyser**" as Mini Project.

### Energy Harvesting LED Torch With Added Features:

Energy Harvesting means Captures small amount of Energy that would be otherwise be lost as Heat, Sound and Light. In this project, Energy harvesting LED torch use energy from sources like solar, RF, AC mains for charging rechargeable battery and provide high voltage shock for security purpose.

### Power Analyser:

Power Analyzer is a new idea developed to measure the electric power and display the current level of usage and amount to be paid .It enables the users to have the continuous check of their usage and its final amount. It helps to have a clear awareness and warning for the the consumers regarding the expected amount to be paid at the end of the period.

## Higher Secondary Schooling

JUNE 2008 — MARCH 2010

Kerala State Board

### **Institution name: E.M.G.H.S.S FORTKOCHI VELI**

- Excellent academic track records with outdoor activities.
- Actively participated in school festivals and science and nature club.
- Scored an aggregate of 88%.

## High School Education

— MARCH 2008

Kerala State Board

### **Institution name: FATIMA GIRLS HIGH SCHOOL,FORTKOCHI**

- Actively participated in science clubs.
- Scored an Aggregate of 97%.

## SKILL SET

- Programming Languages: C, C++,VHDL , Verilog.
- Other Software Packages: MATLAB

## INTERESTS

- Gardening & cycling.
- Listening music.
- Learning new technologies.
- Outdoor Activities.

## PERSONAL DETAILS

- Father's name : T.P.RADHAKRISHNAN.
- Date of Birth : 16-08-1992
- Languages Known : Malayalam,English,Hindi.
- Marital Status : Single
- Sex : Female
- Nationality :- Indian

## DECLARATION

I hereby declare that the above- mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above- mentioned particulars.

Date:  
Place: FORTKOCHI

SANDHYA