

MOUNIKA T

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CAREER OBJECTIVE

To boost my professional skills and to work in a friendly environment with satisfaction and to achieve personal as well as organizational goals with dedication and resolution.

EDUCATIONAL QUALIFICATION

Course	Institution/school	University/board	Year of passing	Percentage (%)
B.E(ECE)	Sri Eshwar college of Engineering.	Anna University, Chennai.	2018	8.143(CGPA)*
H.S.C	Sri Gopal Naidu Hr. Sec. School	State board of Tamil Nadu	2014	90.33
S.S.L.C	Sri Gopal Naidu Hr. Sec. School	State board of Tamil Nadu	2012	91.6

*up to VIII semester

PROFESSIONAL QUALIFICATION

- Have successfully completed a value added course on **LabVIEW** conducted by Sri Eshwar College of Engineering through one week training program 16.06.2016-21.06.2016.
- Have successfully completed **LabVIEW core 1** and **core 2** value added course conducted by Sri Eshwar College of Engineering from 07.12.2015 to 12.12.2015.
- Have successfully completed a value added course on **PCB Design** conducted by Sri Eshwar College of Engineering by one week training program from 25.06.2015 to 01.07.2015.

AREA OF INTEREST

- Computer Networks
- Electronic Devices

TECHNICAL SKILLS

C, HTML, CSS.

PROJECT WORK:

1) BIDIRECTIONAL VISITORS COUNTER

Description: The main intention is to design a system wherein the number of persons entering or leaving a room is displayed on a screen. When a person enters the room, count would be increased, whereas on leaving, the count would decrease. IR sensing mechanism is used to sense the presence of visitors and the whole counting operation is done by a microcontroller. The circuit works on the principle of IR sensing. Output from each sensor is fed to the microcontroller.

2) IoT BASED TEMPERATURE AND ECG MONITORING SYSTEM FOR PHYSICALLY CHALLENGED

Description: The prime goal of the project is to develop a reliable health monitoring system so that healthcare professionals can monitor the patients, executing their normal daily life activities. This system provides a wearable device which will continuously monitor the vital parameters such as ECG and temperature. The data is continuously uploaded into the server using WiFi which is in-built in CC3200. It will transfer the information to the doctor at the earliest because of Internet of Things.

PAPER PRESENTATION

TITLE: ENERGY MONITORING AND MEASURING USING TELECOMMUNICATION, Presented at **PSG Institute of Technology and Applied Research** on **17.02.2017**.

ABSTRACT: A system for energy monitoring and measurement in commercial and residential areas is proposed in this paper. This reduces the manual intervention in energy monitoring and measurement thereby improving the accuracy of this process. This can be achieved by digitizing the conventional analog meters using opto couplers. Then communication link is established through the existing telecommunication network with the help of micro controller and the readings are transferred as data to the server present in the control center.

WORKSHOPS ATTENDED

WORKSHOP 1:

- **Title:** INTERNET OF THINGS.
- **Duration :** One day
- Organized by **Sri Krishna College of Engineering and Technology** Conducted on **17.03.2016**.

WORKSHOP 2:

- **Title:** CISCO NETWORKING AND IMPLEMENTATION.
- **Duration :** One day
- Organized by **Kumaraguru College of Technology** Conducted on **10.02.2016**.

SYMPOSIUM ATTENDED

- Participated in event **Circuit Discern** in **National level Technical Symposium** conducted by **PSG Institute of Technology and Applied Research** on **17.02.2017**.
- Participated in **Robo Route Contest** organized by Embedded club in **Sri Eshwar College of Engineering** on **11.09.2015**.

CO-CURRICULAR ACHIVEMENTS

- Won 2nd prize in **Innovative project Exhibition** conducted in **Sri Eshwar College of Engineering** on **11.03.2017**.
- Secured 91% as school 1st mark in **language paper** in **S.S.L.C**.

EXTRA-CURRICULAR ACTIVITIES

- Drawing competitions.
- Cultural events.

LEADERSHIP TRAITS

- Class mentor in school for 3 years.
- Team leader in The Bharat Scouts and Guides.

PERSONAL DETAILS

Date of Birth : 07.05.1996

Father's name : Thangavelu A

Father's Occupation : Working in a private concern

Mother's name :Latha S

Languages Known : Tamil(R/W/S), English(R/W/S), Hindi(R/W)

Hobbies : Pencil Sketching, Listening to Music

Strength : Persistant and Determined

PLACE: COIMBATORE

DATE:

(T.Mounika)