

## MEENAKSHI P S

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Thrissur, Kerala

B.Tech graduate from Christ College of Engineering, Irinjalakuda, Kerala with a specialization in Electronics and Communication Engineering. Gaining more knowledge in the field through add-ons or certification courses. Participation in some student projects and expo.

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### PROJECTS

#### SUN TRACKING SOLAR PANEL

- Developed a solar panel that tracks the sunlight
- Made using Arduino board aims at tracking the sun to achieve maximum sunlight incident on the solar panel

#### SMART ATTENDANCE SYSTEM

- Developed an attendance registering system with a team consisting of 3 members that obtain the information of the individuals through barcode.
- Using NodeMCU and scanner

#### BLUETOOTH LOW ENERGY BASED VIRTUAL KEYPAD

- Developed this project with a team consisting of 3 members
  - Focuses on designing and developing a Bluetooth virtual keypad, employing the Human Interface Device (HID) over Generic Attribute Profile (GATT) on the Texas Instruments CC2640 chip.
  - Development activities were executed using the LAUNCHXL-CC2640 launch pad board, and the Code Composer Studio has been chosen as the Integrated Development Environment (IDE).
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### INDUSTRIAL TRAININGS

#### CHISQUARE LABS PRIVATE LIMITED

DEC 2022 (1week)

##### **Cyber security Domain, Info Park, Kochi**

- Familiarized fundamentals of Cyber Security and Vulnerability. Identified various vulnerability parameters and cited solutions.
- Identified various safety protocols an IT company follows from possible threats.

#### BSNL REGIONAL TELECOM TRAINING CENTRE

MAR 2023 (1week)

##### **Telecommunication Domain, Thiruvananthapuram**

- Practical session on splicing of optic fiber cable
  - First hand experience on Cisco Packet Tracer software used for simulating network topologies
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### ENGAGEMENTS & RECOGNITIONS

**Awards:** Secured prize for University topper (from college) in 4 semesters.

**Workshops:** Hands-on workshop on PCB designing and fabrication (in association with IEDC CCE)

**Volunteer-work:** Co-team leader for our team consisting of other 5 members (at Corpversity)

2023

**Achievements:** Vice chairperson of IETE Student Forum (ISF) of Christ College of Engineering.

2022

Actively participated in their events.

Selected as the Secretary of our Association of Department of Electronics and Communication Engineering (ECTA).

2023

**Add-on courses:-** THE ARDUINO PLATFORM AND C PROGRAMMING (from University of California, Irvine)-COURSERA.

MAY 2021

EMBEDDED CONTROLLERS (from NeST Cyber Campus)

FEB 2024

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EDUCATION

- **B-TECH (ECE)** - Christ College of Engineering , Irinjalakuda (2020-2024)  
CGPA of 8.74/10
  - **HIGHER SECONDARY EDUCATION (CBSE)** – Bharatiya Vidya Bhavan’s Vidya Mandir, (2018-2020)  
Kodungallur.  
Biology with Mathematics (94.2%)
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SKILLS

- Basic knowledge of PCB designing
- Python programming (basics)
- MS Office-Excel,PPT,Word (intermediate level)
- Proteus software & TinkerCad (intermediate level)
- Languages –English (intermediate fluent) ,Malayalam(fluent)

INTERESTS/HOBBIES

- Drawing-Pencil drawings ,Mandala art
- Music
- Crafts