



AISWARYA VENUGOPAL

STUDENT

ABOUT ME

Post graduate in Electronics Science from CUSAT. Areas of interest include electronic circuit, embedded system and robotics.

OBJECTIVE

To work in a challenging atmosphere by exhibiting my skills with utmost knowledge, sincerity and dedication to smart work and to be a part of an esteemed organisation for the development of the organisation along with improving my skills.

CONTACT

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KEY SKILLS

- 100% Focus and Development
- Team Player
- Open for communications & discussions
- Adaptability & quick learning
- Time Management & determination

EDUCATION

Master of science degree in electronics (2021-2023)

Cochin University of Science and Technology (CUSAT)
• Result Awaiting

Bachelor of science degree in electronics (2018-2021)

Baselios Poulose II Catholicos College, Piravom, MG University, Kottayam
• Aggregate - 79.08%

Class XII (2017-2018)

Mahatma Gandhi Public School, Ambadimala
• Aggregate - 80.80%

Class X (2015-2016)

Mahatma Gandhi Public School, Ambadimala
• Aggregate - 95% (CGPA - 10)

ACADEMIC PROJECTS

Automated Electric Metre Reading and Monitoring System

- Team Size - 3
- Duration : 2month
- Developed an Automated Electric Metre using Raspberry Pie and ADC which was automatically programmed for reading, measuring and monitoring various parameters such as current, voltage and pressure.
- Role : Developer
- Technology Used : Raspberry Pie

Multi - Channel Data Acquisition Using FPGA

- Team Size : 1
- Duration : 3 months
- Created an audio looping system over the Zybo Z7 using the SPI interface system. Several steps were taken during the development process to achieve this goal, including familiarizing yourself with the Zybo Z7 software and board, interfacing the board with the XDAC wizard using SPI, and creating a custom IP audio codec.
- Developed an Automated Electric Metre using
- Role : Developer
- Technology Used : Raspberry Pie

COMPUTER SKILLS

- Languages known : C, Matlab, Verilog, FPGA
- IC & Boards : 8085 microprocessor, 8051 microcontroller, PIC IC, ARM CORTEX M3, ZYBO Z7
- Protocols : SPI, ADC
- Programming softwares : Turbo C++, MATLAB, proteus, Cadence, iverilog, Vivado

OTHER ACADEMIC SKILLS

- Specialisation domain : Robotics, Verilog
- Familiarised with Arduino, Galileo and Raspberry Pie boards and their interfacing.

LANGUAGES

Malayalam	English	Hindi	Tamil
Mother tongue	Fluent	Fluent	Intermediate

ACHIEVEMENTS

- Active Volunteer of **National Service Scheme** since 2018 & attended 3 training camps in 2019, 2021 and 2022 respectively.
- Attended various training sessions under **Walk With a Scholar (WWS) scheme**.
- **Kalathilakam** at school and college level Art Festivals.
Participation Events: recitations, elocutions, debates, dancing and music at school and college level Art Festival.

REFERENCE

Dr. Manju Abraham
Head of the department, Department of Electronics,
BPC College, Piravom