



VIBIN P V

ELECTRICAL AND ELECTRONICS ENGINEERING STUDENT

DOB : 05/06/2002

CONTACT

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<https://vibin0506.github.io/Portfolio/>

SKILLS

- Fixing and Analysis of Power Electronics Circuits
- PCB Designing
- Soldering
- Electrical Wiring
- 3D Printing
- Electronic Devices Servicing
- Prototyping
- Matlab Simulation
- Electrical or Electronic Device Assembly
- Arduino Interfacing
- PCB Etching

SOFT SKILLS

- Determination
- Presentation
- Adaptability

PROFILE

Passionate Electrical and Electronics Engineering student skilled in circuit design and project management. Committed to continuous learning and delivering innovative solutions, seeking campus placement opportunities to contribute effectively.

EDUCATION

- B.TECH in, **Electrical And Electronics Engineering**, NSS College Of Engineering Palakkad, **CGPA: 7.1**
APJ Abdul Kalam Technological University
2021-2025.
- B.TECH ,**Minors Degree in Mechanical Engineering**
2021-2025.
- Higher Secondary Education**, GHSS South Ezhippuram, ,Aluva, **Score: 95.5%** (DHSE)
2019-2021.
- High School Education, SSLC** , Jyothi Public School, Nalammile, Aluva, **Score: 84%** (CBSE)
2018-2019.

PROJECTS & EXPERIENCE

- ONE MONTH INTERNSHIP AT, MEDYOR PVT.LTD**
3D printing and prototyping, gaining hands-on experience in advanced manufacturing techniques.
May – 2023, NIT Calicut , Kerala
- TECHNICAL COORDINATOR IEEE SB NSSCEgrams.** Successfully facilitated collaboration and innovation within the team.
2022-2025 June, NSS College Of Engineering, Palakkad
- E-FENCE PROJECT ,TECHNICAL COORDINATOR**
E-FENCE was a humanitarian Project under IEEE SB NSSCE, led efforts to protect farmers and fields from wildlife.
Under IEEE SB NSSCE, March – 2023
- ECOLUME , EMERGENCY FLASH LIGHT PROJECT**
Developed EcoLume, a five watts emergency flashlight product made from recycled materials, Sold 25 units with excellent reviews.

. Presented at : - **TECHBURST 2024** organised by IEEE & M SIGMA , Kochi
-**NATIONAL TECHNOLOGY 2024 DAY** organised by
KSCSTE & DUK , Technopark , Trivandrum
. Exhibited at : - **KSCSTE TECHFEST 2024** organised by IIT Palakkad & NSSCE

HOBBIES

- Circuit Debugging
- Cycling
- Repairing Electronics Devices
- Creating & Testing Hobby Circuits
- Developing New gadgets
- Photography

REFERENCE

- Prof.Dr.Vinod V
Mechanical Dept,
NSS College Of Engineering
vinodnss@gmail.com
- Mr.Dinoj Joseph
CEO , Medgyor Pvt Ltd
info@medgyor.com
- Prof.Vivek P V
Electrical and Electronics Dept,
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- **MOBILE PHONE DETECTOR PROJECT**

Project using LM358, mobile phone detection by utilizing radio frequency detection to find the presence of mobile phone.

Analog Electronics Course Project March – 2023

- **DIGITAL OBJECT COUNTER PROJECT**

Project using 7-segment display, CD4026 IC, and IR sensor. Achieved accurate object counter.

Digital Electronics Course Project June – 2023

- **ARDUINO BASED CAPACITANCE METER PROJECT**

Arduino-based capacitance meter project as part of a Microprocessor and Microcontroller Lab.

Microprocessor and Microcontroller Course Project November – 2023

- **WORKED ON CONCRETE 3D PRINTER PROJECT**

Got an opportunity to work on the electrical and electronics side of the concrete 3d printer project done by seniors

Hobby project , February 2024

- **ELECTRONIC SPEED CONTROLLER PROJECT**

Project using IRFZ44N MOSFET, for studying the basic speed control of a 3-phase BLDC motor.

Hobby project , February 2023

- **PROJECT ECO REVIVE: REPAIR AND RESORATION OF OLD LED LIGHTS**

Eco Revive" project, focusing on repairing and restoring old LED lights, contributing to sustainability efforts and reducing electronic waste.

Hobby Project, 2021 Onwards

- **REPAIR AND RESTORATION OF MCB PROJECT**

Repair and restoration of MCBs, successfully fixing over 4 MCBs and 5 isolators.

Hobby Project 2022 Onwards

