

Pooja Naidu Tammisetti

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SUMMARY

A highly motivated and enthusiastic Electrical and Electronics Engineering student committed to leveraging technology for innovative solutions and positive societal impact, along with a profound passion for the emerging realm of AI. Additionally, I am good with event management, public speaking, and dedication to every endeavor. My objective is to work in a challenging and dynamic environment where I can collaborate with a diverse group of people, enhance my professional skills, and contribute to the company's growth and experience to further my career.

EDUCATION

B.Tech., Electrical and Electronics Engineering Amrita Vishwa Vidyapeetham, Bengaluru, Karnataka	Year: 2021-25 7.87 GPA
Intermediate-12th, Board of Intermediate Education, Andhra Pradesh Tirumala Junior College, Visakhapatnam, A.P.	Year: 2018-20 9.8GPA
High School – 10th, Indian Certificate of Secondary Education Alwar Das Public School, Visakhapatnam, A.P.	Year: 2017-18 92.2%

TECHNICAL SKILLS & CERTIFICATIONS

Design and Modeling Tools: MATLAB, P-sim, Model Sim, Microsoft Office.

Programming in Java, NPTEL April 2024

SQL Using My SQL, Scaler July 2024

ACADEMIC PROJECTS

Cost-Effective Battery Management System with Predictive Analysis June 2023
Designed a battery management system (BMS) utilizing cost-effective sensors to monitor battery health and, algorithms to forecast battery degradation and optimize charging/discharging strategies.

Wireless Parameter Monitoring of Solar-Powered Electric Vehicles January 2024
To track key parameters of solar-powered electric vehicles (EVs), such as battery charge level, solar panel output, and vehicle location, enabling remote monitoring and management.

Smart Power Module and Additional Power Distribution Board for Unmanned Aerial Vehicles June 2024
Designing a smart power module and distribution board for UAVs with integrated sensors and GSM-based data transmission for APM 2.8 Flight Controllers

Intelligent Remote Motor Control and Solenoid Valve Control for Optimized Borewell Irrigation June 2024
This project aims to optimize borewell irrigation by using intelligent remote motor control and solenoid valve integration for efficient and automated water distribution in agriculture

CO-CURRICULAR ACTIVITIES

IEEE Power Energy Society, Amrita School of Engineering, Student Branch Chapter Sept 2023 – Present
Currently serving as Secretary of IEEE PES & IAS Jt. Student branch chapter of Amrita School of Engineering, Bangalore. Headed over 30+ events and workshops, organized technical and non-technical events, and supported the PES team by report writing.

Lekhani – The Press Club College Handball Team Player Sept 2023 – Present
Currently serving as the Treasurer and organized events related to press and journalism. Responsible for report and content writing and editing, for all tech and non-tech clubs in the college.

LANGUAGES

- English
- Hindi
- Telugu