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EDUCATION

B.E - EEE   2024 - 2025

Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College

CGPA 6.5

HSC   2020 - 2021

Amudham matriculation higher secondary school madurai

PERCENTAGE:65

SSLC   2018 - 2019

Jaya Matriculation Higher secondary school

PERCENTAGE:60

TECHNICAL SKILLS

PROGRAMMING LANGUAGE:

C Programming

Embedded C

Software & Tools:

Proteus (Simulation), Keil uVision5, MPLAB,Nuvoton development tools STM32CubeIDE

Embedded Systems:

Experience with 8051 Microcontroller, PIC16F877A Microcontroller

SYED JALAL IBRAHIM A

PROFILE

Ethical and motivated Electrical Engineer with strong technical skills.Experienced in microcontrollers, embedded systems, and C programming.Committed to integrity, safety, and quality work.Quick learner with a passion for innovation.Adapts well to new technologies andteamwork.Strong in problem-solving and time management.Dedicated to contributing effectively to organizational growth.

TECHNICAL PROJECTS

SOLAR TRASH CLEANING VEHICLE

- That collects floating garbage in water bodiesThe vehicle is powered by solar panelsUses a battery to store the collected energy.
- An eco-friendly, solar-powered robotic vehicle designed to collect and segregate waste efficiently, reducing human effort in cleaning public areas. Utilizes renewable energy for sustainable waste management operations.

IoT-BASED SINGLE PHASE ENERGY MONITORING SYSTEM WITH AI DRIVEN BILL PREDICTION

- Focuses on real-time monitoring of single-phase energy consumption using IoT technology. It integrates AI algorithms to predict electricity bills accurately, helping users manage and optimize their energy usage.

SOFT SKILLS

- Problem-Solving
- Collaboration & Teamwork
- Effective Communication
- Adaptability & Quick Learner