

PRADEEP EG

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EDUCATION

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	Tiruchirappalli
Bachelor of Technology in Electronics and Communication Engineering - CGPA : 8.12	2022–Present
CHELLAMMAL MATRIC.HIGHER SEC.SCHOOL	Tiruchirappalli
12 TH :78.8 Percentage	2021–2022
10 TH :98.6 Percentage	2019–2020

EXPERIENCE

IIIT SRI CITY HACKATHON (POWERED BY PLANOTECH GROUP OF COMPANIES)	DEC-2023
CURRENTS'24 EVENTS (PRESENTED BY MICRON)	MAR-2024
Held at National Institute Of Technology Tiruchirappalli	
PROBE'24 WORKSHOPS(PRESENTED BY QUALCOMM AND INNOVIANS TECHNOLOGIES)	FEB-2024
Held at National Institute of Technology Tiruchirappalli	
INDUSTRIAL TRAINING AT BSNL	DEC-2023
Held at Tiruchirappalli	
MSME IDEA HACKATHON 4.0	OCT-2024

PROJECTS

SOIL MOISTURE DETECTING SENSOR	MAR-2024
<ul style="list-style-type: none">Developed a sensor-based agricultural system to monitor soil moisture, temperature, and humidity, ensuring real-time data acquisition for optimizing crop health.Efficiency Assessment: Tested system reliability across different terrains, achieving a improvement in water usage efficiency and supporting sustainable farming initiatives.	
HOME AUTOMATION SYSTEM USING ARDUINO NANO	NOV-2024
<ul style="list-style-type: none">Automated Home Control: Designed a home automation system enabling remote control of appliances like lights, fans,etc.. via a mobile application.Reliability Testing: Conducted thorough testing in various home setups, achieving operational accuracy and enhancing user convenience.	
FALL AND DETECTION SYSTEM USING NODEMCU AND MPU6050	JUN-2024
<ul style="list-style-type: none">Real-Time Fall Detection: Designed a system to detect falls and notify caregivers using MPU6050 sensor, with real-time processing on NodeMCU.Accurate Motion Analysis: Developed algorithms to differentiate between normal activities and fall events, leveraging MPU6050's precise motion-tracking capabilities.	

SKILLS

C,Python

LANGUAGES

Tamil, English

EXTRA CURRICULAR ACTIVITIES

Volunteer at IDE Bootcamp held at SRM IST,Tiruchirappalli	SEP-2024
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