



DHINESH KUMAR S

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EDUCATION

Sri Eshwar College of Engineering	B.E - ECE	8.57 (Upto 7 Sem)	2020-2024
Kandasamy Matriculation Higher Secondary School	HSC	82.6 (Percentage)	2019-2020
Kandasamy Matriculation Higher Secondary School	SSLC	90.2 (Percentage)	2017-2018

PROJECTS

LoRa - Based Smart Weather Data Acquisition Model For PV Power Plants 2023

The main objective of this project is to develop a real-time weather monitoring for PV power plant for analyzing PV system performance. This system stands out because it uses open traffic to measure all essential meteorological values via wireless instantaneous network connectivity with LoRa as a file transfer module.

IOT - Based Atmospheric Air Monitoring and Analysing Syste 2022

In case of any hazardous gas leakage, fire accident or disaster happened in a working place or remote sensing area, this model will notify to all the workers inside the working place through wireless gateway receiver and also it will turn on the alarm

IOT and LoRa based Under Mining Surveillance System for Worker Health and Environment Monitoring 2024

Developed an IoT and LoRa-based system for monitoring worker health and environmental conditions in mining operations. Utilized sensors to track vital signs of workers and detect environmental parameters such as air quality and temperature. Implemented real-time data transmission over LoRa network for remote monitoring and analysis. Aimed to enhance safety and optimize working conditions in mining environments.

INTERNSHIPS

Completed 2 weeks Summer Internship Training on Java Programming - SECE	2022
Completed 1 week Internship on Virtual Reality & Additive Manufacturing, Machenn Innovations Pvt Ltd.	2022

TECHNICAL SKILLS

Java | Core Java | OOPs | Data Structures & Algorithms | JavaScript | HTML | CSS | SQL
Embedded & IoT | LoRa Technology | Arduino IDE | Arduino IoT Cloud | Proteus Simulation

SOFT SKILLS

Time Management | Creativity | Adaptability | Teamwork | Problem Solving

CERTIFICATIONS

Value Added Course on Embedded & IoT - HandsOn (Inter College)	2022
Learn Core Java Programming - DataFlair	2022
Data Structure and Algorithms Masterclass - Udemy	2023
Learn Java Programming Beginner to Master - Udemy	2023
Personality Development Training Program - K-DISC	2022
JS Java Script Programming in 7 Days - Udemy	2023
Guide for Frontend Web Development - Udemy	2024

BADGES EARNED

Oracle Learning Explorer - Oracle
B2 - Upper Intermediate(442) - British Council



ACHIEVEMENTS

Secured first place in Inter college level project expo	2022
Solved 1500+ problems in Skillrack platform	2022
Research paper published on IEEE Xplore	2023
Won third prize in technical quiz on national level symposium conducted by KPR Institute of technology	2022
Achieved third place in Javelin Throw (Zonal Level)	2019

INTERESTS

Web Development | Embedded IoT | Communication Protocols | Travel | Sports