RAMESH G

Unflagging commitment, never yielding

My Contact

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Hard Skill

- Python
- C and C++ Programming
- Front-end Development
- Pspice tool
- Verilog
- Digital electronics
- Microcontrollers (Arm, 8051, PIC, nodemcu)
- Embedded C

Soft Skill

- active listener
- enthusiastic
- critical thinking
- easy to mingle
- problem solving

About Me

As a fourth-year engineering student, I possess a profound ardor for learning and excel in competitive environments. My participation in several technical competitions is a testament to my unwavering competitive drive. Driven by my love for technology, I consistently strive to acquire new skills and develop innovative solutions. With a formidable aptitude for critical thinking and problem-solving, I am enthusiastic about contributing my abilities to a dynamic and skilled work environment.

Projects

- ### Projects Till 5th Sem

1. SELF PARKING CAR (IOT).
2. HEART ATTACK PREDICTION SYSTEM USING FACIAL RECOGNITION.
3. SOLAR WIRELESS CHARGING OF CAR.
4. CONTACTLESS ATTENDANCE SYSTEM.

• Mini Project In 3rd Year

"Remote-Controlled Precision Agriculture System with Crop Health Monitoring"

Overview : Our project combines automation and remote control technology to revolutionize farming. It automates tractor tasks like plowing and sowing, controlled remotely via a website interface. Additionally, it monitors crop health in real-time, helping farmers make informed decisions for higher yields and efficient farming practices.

Achievements

- Secured second position in academics in my class in second year.
- Recieved 8th rank in Smart India hackathon 2022
- Recieved 2nd place in MINI PROJECT EXHIBITION at College Level
- Participated in Technology presentation conducted at IIT Indore.
- Participated in Technovation national level project expo conducted by CMRIT.
- Participated in one week value added course on "Embedded system and its"s application" organised by RoboRAM technologies and "IOT " 1 Week workshop.
- Successfully completed Two NPTEL Courses on Hardware Modeling using Verilog and Introduction To Machine Learning (8 Weeks course)

Internships

- BHEL Solar Business Division
- CODE ALPHA(Web Development Internship)
- EMERTXE (Embedded Internship)

Education Background

BE	Pre-University	SSLC
HKBKCE	ST.JOSEPH'S PU COLLEGE	SRKHS
2020-2024 (PURSUING)	*2018-2020*	*2018*
Branch : ECE	Branch : PCME	
CGPA:8.46	Percentage: 80%	Percentage: 85.60%