

EERI SRINIVASU

1-74B ,near ramalayam, ganti pallipleam, kothapeta(M)

konaseema(D),pincode - 533274

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Objective:

To work with an organization provides me the opportunity to show my skills and knowledge and to grow along with the organization objectives.

Technical Skills:

- C, Embedded C, basics of Linux.
- UART, I2C, SPI protocols

Work experience: Fresher.

Technical training:

Pursued advanced embedded systems training at vector India, Hyderabad.

Projects:

Title: PV-HESS fed BLDC Driven Water Pumping System with PSO-based MPP Tracking Employing Zeta Converter.

Description:

- The increased importance of renewable sources in the field of automotive sector entails the use of solar photovoltaic (PV)-fed water pumping system driven by a brushless DC (BLDC) motor drive.
- To overcome the drawback associated with the conventional DC-DC converters, a zeta converter is employed to optimize the power processing.
- The maximum power is extracted from the solar array by controlling the duty cycle of zeta converter through particle swarm optimization (PSO) based maximum power point tracking (MPPT) algorithm.
- To mitigate the PV output variation, hybrid energy storage system (HESS) is integrated to the PV system which in turns maintains the constant voltage at the input of BLDC motor drive.
- A new uplink and downlink duality is proved and used to heuristically design the precoding and combining vectors.

Title: IoT-BASED INDUSTRIAL PROCESS MONITORING SYSTEM USING THINGSPEAK

Description:

- The main aim of the project is to monitor the industrial parameters (Temperature, Relative Humidity and gas level) using IOT.
- UART protocol is used to carryout the communication between LPC2148 micro controller.
- KEIL software has been used for software development.

Strengths:

- Quick Learner

- Time Management
- Flexible
- Self-Motivated

Hobbies:

- Listening to Music.
- Travelling.

Achievements:

- Took a part in various events held at college level.

Educational Overview:

2017-2022	Bachelor of Technology Electrical and Electronics and Engineering Bonam Venkata Chalamayya Institute of Technology and Science Jawaharlal Nehru Technological University Kakinada. CGPA: 6.47
2015-2017	Board of Intermediate Education (M.P.C), AP 12 th Standard Sai Teja Junior College, P. Ganavaram. CGPA: 63.4
2015	Board of Secondary Education, A.P. Z.P. High School, Ganti. CGPA: 8.0

Personal Details:

Father Name	: E.Chittiyya
Occupation	: Farmer
Mother Name	: E.Satyavati
Occupation	: House Wife
Date of Birth	: 10 JUN 2000.
Languages Known	: English, Telugu

Declaration:

I hereby declare that all the above details about me are true and correct as per my knowledge.

Place:

E. SRINIVASU

Date:

Signature.