Maddineni Veda Sahithi

ELECTRONICS AND
COMMUNICATION ENGINEERING

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CAREER OBJECTIVE

I am looking for a challenging career opportunity in Electronics industry. The ideal place will be an organization where I can continue to learn, sharpen my skills while adding value to the organization.

SKILLS

Technical Skills

Verilog HDL
Arduino
Python
C language
SQL
JAVA

Technical Packages

Xilinx Design suite- 14.7
NI Lab View
MATLAB
AUTOCAD
DOSBOX
MENTOR GRAPHICS

ACADEMIC PROJECTS

AUTOMATIC CROP WATERING SYSTEM

Using Arduino UNO and Soil moisture sensor

- Helps farmers to pump water when ever needed without being present at that place.

NOISE REMOVAL FROM RECORDED AUDIO

Using MATLAB and Simulink

- Noisy signal is sent through a wavelet filter to remove the noise.
- Can be applied in bluetooth, satellite communication, etc,.

GENERATION OF ELECTRIC ENERGY FROM KINETIC ENERGY

Using Piezoelectric Sensors and LI-ion Batteries

- The electric energy is generated by applying pressure on the piezoelectric material.
- This electric energy is stored in rechargeable batteries and can be used whenever needed.

EDUCATION HISTORY

Btech in Electronics and Communication Engineering	**Aug 2019 -Present**
VNRVJIET (JNTUH)	8.09/10 (VI pursuing)
INTERMEDIATE	2017 - 2019
Sri Chaitanya Jr Kalashala (BOI)	937/1000
SSC	2017
Bhashyam High School (Board of secondary Education)	9.8/10

ACHEIVEMENT

Won Silver in Global Young Scientist Challenge conducted in VNRVJIET.

DECLARATION

I hereby declare that the information in this document is true to the best of my knowledge and I will be responsible for any deviation from the truth of these facts.

Date: 08-04-2022   M. Veda Sahithi