

## **M. Hemlata**

**Contact No. 8085839263**

[hemlatamuddada@gmail.com](mailto:hemlatamuddada@gmail.com)

### **OBJECTIVE**

To work with maximum potential in a challenging and dynamic environment and enhance my technical skills and knowledge with learning by playing a significant role in building the organization.

### **EDUCATION**

- M. Tech in VLSI Design and Embedded Systems from Gayatri Vidya Parishad College of Engineering (A) with 82% in 2022.
- B.E in Electronics and Telecommunication from Shri Shankaracharya Group of Institutions, Bhilai with 80% in 2016.
- HSC from Shri Chaitanya Junior College, Visakhapatnam with 94.8% in 2012.
- SSC from S.E.C.RLY.MIX. HIGH.SEC.School, Bilaspur with 72% in 2010.

### **INDUSTRIAL TRAINING**

- Vocational Training in BSNL Office.
- Training in MATLAB from Vardhman Edutech.

### **PROJECT DETAILS**

#### M.Tech Project

- **Title:** Design of High-Speed Parallel Prefix Adder.
- **Software:** Xilinx ISE Design Suite

#### **Description**

Parallel prefix adder is a technique for increasing the speed of addition operation in Arithmetic and Logic Unit, Microprocessor, Digital Signal Processing. These adders are suitable for wider word lengths.

#### B.Tech Project

- **Title:** RF based Intelligent Train Engine Using Timer.

#### **Description**

As Engine observes a red signal on its track it will start decreasing its speed gradually and stop automatically at some distance from pole. When it gets green signal, the driver can manually start the train.

## TECHNICAL SKILLS

- Programming languages: C++, Python, Verilog, Matlab.
- Database: MySQL
- Working Platform: Turbo C, MATLAB R2010a, Oracle SQL Developer

## CERTIFIED COURSES

- C++ Certified courses from SEED INFOTECH.
- MATLAB Certified course from VARDHAMAN EDUTECH.

## EXTRA CURRICULAR ACTIVITIES

- Completed 5 years diploma in painting.
- Achieved First prize in painting competition organized by LIONS CLUB.

## EXPERIENCE

- Worked as an Assistant professor in Vignan Institute of Information Technology [A], Duvvada from 14-02-2022 to 27/08/2022.

## PERSONAL DETAILS

- Father's name M. Suryanarayana
- DOB 06-08-1994
- Languages known English, Hindi, Telugu
- Hobbies Painting, Gardening

## DECLARATION

I hereby declare that above mentioned information is true to my knowledge and I bear the responsibility of the above-mentioned particulars.

Place: Visakhapatnam

Date: 12/07/2022

M. Hemlata