M JYOSHNA

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Career Objective

Passionate ECE student with expertise in Verilog HDL, Digital Logic Design, C along with strong motivation to start my career in a VLSI Industry for expanding my knowledge to the growth of Industry and myself.

Academic Qualifications

Year	Degree	Stream	Institute	CGPA
2021-Present	B.Tech	Electronics and Communication Engineering	Rajiv Gandhi University of Knowledge Technologies, IIIT R.K.Valley	8.9/10
2021	PUC(XII)	Maths, Physics and Chemistry	Rajiv Gandhi University of Knowledge Technologies, IIIT R.K.Valley	9.83/10
2019	SSC(X)	SSC	Zilla Parishad High School, Thugundram	10/10

Technical Skills

- **Programming Languages:** C, Verilog HDL,Matlab ,Basics in Python, Basic Knowledge in 8086 Microprocessor
- **Skills and Tools:** Digital Logic Design ,Xilinx ISE

Key Projects

- **Flash type Analog to Digital Converter by using Verilog HDL**
  - Implementation of blocks Comparator and 8*3 Priority encoder blocks
  - Final output extraction based on Priority Encoder
- **Digital Clock with Alarm by using Verilog HDL**
  - Implementation of digital clock
  - Setting Alarm using digital clock
- **FIFO using Verilog HDL**
  - Implementation of FIFO.
  - It can hold 8-bit data at 32 memory location.
  - Potential signals include empty and full.
- **Traffic Light Controller using Verilog HDL**
  - Implementation of traffic light controller using FSM.
  - Ouptut implemented for different scenarios.
- **Seven segment display using 8086 microprocessor**
  - Implementation of assembly language code to display numbers(0-9) using 8086 microprocessor
  - Ouptut verified using Seven segment display

Workshop

- **Astronics**
  - Robotics and IOT workshop conducted by Dept. ECE IIIT RK VALLEY

Achievements

- Received **Prathiba Award** for good score in secondary board examinations

- Recipient **National Means cum Merit Scholarship** conducted by Director of Government Examinations, Andhra Pradesh
- Honored **LIC student of the Year** in 2017
- Awarded for outstanding reviews on books from Basic Research, Education and Development society

Extra-Curricular Activities

- Serving as an **National Service Scheme(NSS)** Volunteer
- Worked as coordinator for **EUPHORIA 2K22**