

Meghana Narava

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I am a passionate VLSI enthusiast seeking a challenging and dynamic career as an VLSI engineer, where I can gain knowledge and develop my skills.

Education

Degree	Institution	Grade/CGPA	Time Period
B.Tech. (ECE)	Rajiv Gandhi University of Knowledge Technologies, Srikakulam	9.17	2020–Present
PUC	Rajiv Gandhi University of Knowledge Technologies, Srikakulam	9.67	2018–2020
Class X	A.P.Model School-G.Sigadam	10.00	2018

Skills

- **Micro Controllers:** Arduino UNO (ATMEGA328).
- **Tools and technologies:** Arduino IDE, LaTeX, Proteus, NI Multisim, Xilinx ISE, GitHub.
- **Programming languages:** C, C++, Python, Verilog HDL, Matlab
- **Communication:** Written and verbal communication, public speaking, team collaboration

Projects

Projects with Arduino UNO

- Smart Dustbin

- Line Follower Robot
- Smart Irrigation using Moisture Sensor
- Self Controlled bot using Ultra Sonic sensor

Projects with Xilinx Vivado

- GCD-Machine using Datapath and Controlpath
- Four road Traffic controller
- I2C Protocol Using Verilog
- SPI Protocol Using Verilog

Note: Review my project firmwares, source codes and simulations on my Github repository, which showcases my experience and abilities in embedded systems development.

GitHub profile: <https://github.com/naravameghana1>

Experience

Chegg Q&A Expert

Chegg India
Jan 2023 – Present

- Developed and maintained firmware applications using C, Arduino IDE and Xilinx ISE.

Courses and Certifications

- "VLSI Designing-(Front end)" from SURE Trust
- " VLSI System On Chip Design" from MAVEN SILICON.
- "Learning Verilog for FPGA development" By Eduardo Corpeno From Linkdin .
- "Crash Course On Python" From Coursera.

Co-Circular and Extra-Circular Activities

- **Placement And Training Member)** **2022 - Present**
 - Responsible to contact Company HR's
 - Conducting practice tests for the students in department level to prepare them for placements
- Participated in **3** days of **Arduino Workshop** conducted by Department of ECE **2022**
- **Hobbies:** Traveling, Playing Chess, Cooking, Listening to Music, Star Gazing