

Maka Kalyani

Nandyal | n200845@rguktn.ac.in | 9533065516 |

Objective

I am looking for a position where I can enhance and contribute to the growth of the organization. I have a keen interest in taking on challenging assignments and am therefore motivated to learn and grow professionally, welcoming new experiences and challenges and I am also a strong ethical person and hardworker.

Interested role

- Robotic projects developer.
- Vlsi physical design testing.
- Vehicle automation developer.
- Assistant project engineer.

Education

Rajiv Gandhi University of Knowledge and Technologies, B.Tech in Electronics and communication engineering sept 2022 – May 2026

- GPA: 7.72/10.0

Rajiv Gandhi University of Knowledge and Technologies, Pre-University course-MPC sept 2020 – July 2022

- GPA: 9.5/10.0

Sri Narayana Vidya Vihar High School (SNVVHS)

April 2020

- GPA: 10.0/10.0

Technical/Analytical skills

Network Analysis, Control systems, IOT, Robotics (Robotic vehicle designing), VLSI.

Arduino, Matlab, LTspice, DEVC++, NI Multisim, Proteus, Audacity, Vivado.

Programming language: C, C++, Verilog HDL

Projects

EMERGENCY ALERT SYSTEM

- A study to Ensure a Safety gadget for Women in all Conditions and places.
- Components used: Arduino, Bluetooth, SIM800 and GPS Module.
- Technology Used: Internet Of Things (IOT)

RAILWAY DISASTER MANAGEMENT SYSTEM

- A study on Reducing Railway Accidents.
- Components used: IR sensor, Ultrasonic Sensor, Arduino.
- Technology Used: Internet Of Things (IOT)

SMART VACUUM CLEANER

- A study on Cleaning the Environment easily with Cost Affordable
- Components used: BOT, Fan, Dust absorber.
- Technology Used: Robotics and IOT

Mini Project

FAUCET ADD ON USING SMART SENSORS

- An Analysis of Water Flow and Consumption Patterns.
- Components used: Flow Sensor,Ultrasonic Sensor,Arduino,ATMEGA328 Controller,LCD DISPLAY.
- Technology Used: Robotics and IOT

Extra Co-circular activities

Leadership: Worked as Team Member(2022-24), Event Coordinator(2024-25) and DIsciplinary Coordinator(CYGNUS 2K25) .

Worked as a Team Member and Event Coordinator in the Student Mitra organization which is ISO certified.

Worked as a DIsciplinary Coordinator in the Most Biggest Annual college Fest (CYGNUS 2K25) which is Conducted by Student Mitra RGUKT Nuzvid after long 6 years.

Accomplishments

- Recieved first Prize as SHANKAR NARAYANA Dictionary for scoring top marks in Talent Test Exam which is being conducted at School level.
- Recieved Second Prize for scoring Good marks in Essay Competition held by LIC life insurance in 8th stnadard.