

# Guna Sai Kiran Nekkanti

Rajamahendravaram, Andhra Pradesh

Bachelor of Technology

Major in Electronics and communication engineering

Indian Institute of Information Technology Nagpur

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Github | Website

linkedin

## CAREER OBJECTIVE

To excel in the field of electronics and and to work in an innovative and competitive world which will help me to realize my potential, enhance my skills and help the organization grow.

## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
BTech	Indian Institute of Information Technology, Nagpur	7.45	2020-Present
Intermediate	Tirumala Junior College	9.8	2018-2020
Secondary	Bhashyam High school	9.8	2018

## COURSEWORK

- Digital Design
- HDL
- Cmos Design
- Analog Circuits
- Computer Architecture And Organization
- Microprocessors And Microcontrollers

## TECHNICAL SKILLS

- **Programming:** Verilog, Python, C/C++, Java,Sql,OOPS
- **Tools:** Xilinx Vivado, Microwind, Ngspice, Keil, Matlab, Proteus, LaTeX, Microsoft Office, VSCode, Git, Shell
- **Operating Systems:** Windows, Linux
- **Development Boards:** Raspberry pi, Arduino
- **Communication::** English(Full Professional Proficiency), Telugu(Native or Bilingual Proficiency)

## ACHIEVEMENTS

- **Gate,EC Paper - Qualified** 2023

## PROJECTS

- **ALL IN ONE COUNTER** Jan 2021 - May 2021  
HDL Project/IIIT Nagpur Github  
– This design contains eight types of Counters in a single chip.  
– Xilinx Vivado Software is used to code and debug.
- **SPEED CONTROLLER** Dec. 2021 - Jan. 2022  
Analog Communication Project/IIIT Nagpur Github  
– This project is designed to control the speed of a DC motor using 555 IC.  
– Proteus, Simulink , Tinkercad are used to simulate.
- **BCD TO SEVEN SEGMENT DECODER** Jan 2023 - May. 2023  
Cmos Design Project/IIIT Nagpur Github  
– Design and Analysis of BCD TO SEVEN SEGMENT DECODER circuit in various technologies and comparing their power capacities.  
– Microwind is used to design a layout and ngspice is used to code and debug.
- **BROADSIDE ANTENNA** Dec2022 - Jan. 2023  
Wave Guides and antenna Project/IIIT Nagpur Github  
– Design and simulation of Broadside Array Antenna resonating at 2GHz.  
– Cst Studio is used to design.

## POSITIONS OF RESPONSIBILITY

- **Social media Manager**,Ace-Ecell, IIIT Nagpur Sep 2021 – Dec2022
- **Content Writer**,Probe IIIT Nagpur Jun 2021 – Dec2022