


# SANSKAR VERMA

## ELECTRONICS ENGINEER

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 <https://github.com/Sanskar325>

### EDUCATION

#### VELLORE INSTITUTE OF TECHNOLOGY

2022-2026

Bachelor of Electronics and Communication Engineering  
CGPA : 7.5

#### OPEN MINDS A BIRLA SCHOOL

2014 - 2022

Intermediate(CBSE) 2022  
Percentage - 80  
High School(CBSE) 2020  
Percentage - 90

### SOFTWARE SKILLS

- (NI)Multisim
- MATLAB
- R Programming
- Java, Python, HTML, CSS,
- Javascript,MySQL, PHP
- Model Sim, Arduino IDE
- ALP (Assembly level Programming)
- Keil micro vision 5
- LT Spice
- flutter,kotlin ( App Development)
- VLSI
- UX/UI

### LANGUAGE

- English
- Hindi
- Bhojpuri

### PROFILE

As an Electronics and Communications Engineering student, I possess a profound fascination for space sciences, coupled with a remarkable talent for crafting and rectifying analog circuits. Proficient in digital signal processing and microcontroller programming, I bring a wealth of experience in FPGA programming and a solid grasp of robotics principles to the table. My skill set extends to robust problem-solving capabilities and effective time management, attributes honed through my academic and practical endeavors. I harbor a genuine passion for exploring emerging technologies, all while nurturing a deep-seated love for cooking, immersing myself in music, indulging in the latest cinematic offerings, embarking on worldly adventures, and strumming away on the guitar.

### WORK EXPERIENCE

- Internship  
Maven Silicon Company  
Beltron (Bihar State Electronics Development Corporation)
- ISRO Distance learning program
- The Culinary Club Member Volunteered in Riviera(VIT'S Cultural Fest)
- TAG VIT VIT Senior Core Member & Runnerup in Different Events
- Mozilla firefox Club VIT Member
- GDSC(Google Developer Student Club) Claimed Badge
- Took part in various Technical Events and Hackathon & Ideathon (DEVSOC).

### HARDWARE SKILLS

- Analog Circuits: Proficient in designing, implementing, and troubleshooting analog circuits using a variety of components, including sensors, CMOS, BJT, MOSFET, and Op Amps. Experienced in creating modulators and demodulators for various modulation techniques such as AM, FM, PAM, and PWM.
- Digital Signal Processing: Skilled in using DSO (Digital Storage Oscilloscope) and DSP (Digital Signal Processing) kits for analyzing and processing digital signals.
- Microcontroller Programming: Experienced in programming microcontrollers, particularly Arduino, for controlling and interfacing with various hardware components and systems.
- Field-Programmable Gate Arrays (FPGA): Knowledgeable in FPGA programming and implementation for digital circuit design and prototyping.
- Robotics: Familiar with robotics principles and systems, including motor control, sensor integration, and autonomous navigation.