ARJUN PANDEY

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Education

Vellore Institute of Technology **Oct 2021 – July 2025**
Bachelor of Technology in Electronics and Communication *CGPA -9.37/10.00*

Indore Public School Eastern Campus **2020**
Higher Secondary

Research Interests

VLSI system Design and Verification, Verilog, Microcontroller Coding

Conferences & Competitions

IITTNiF Agrithon 2023 **11th-12thFeb 2023**
Agri based 24 Hackathon organized by the IIT Tirupati Navavishkar I-HUB Foundation *IIT Tirupati, India*

- Co-worked on building farmland automation system with aim to minimize the buying Cost.
- Project idea pitched to industry experts and is under development phased based on industry reviews.
- Experimented model with a smaller prototype of the actual system for real time demonstration and data capturing on web and mobile application.
- Team effort and ideation of project made to the local newspaper for both appreciation and awareness regarding the prototype.

Position of Responsibility

The Electronics Club, VIT Vellore **Jan 2023 – Present**
Senior Core Member *Vellore, India*

- Organized **Sensored** two days hands-on electronics training workshop. Club's flagship events during technical week Gravitas with over 350+ footfalls.
- Individual role to work on the backend of event as a technical support assisting freshers on technical training.

Relevant Coursework

Tessolve Semiconductors Bangalore **3rd June 2023**
VLSI internship cum Course *Vellore, India*

- Hands on online course on building design of any given logical system using Systems Verilog.
- Basics of DSD and how to start systems Verilog design for any system provided after initial designing.

Training on System Verilog for Design and Verification (Intel) **Sep-Nov 2022**
Design and Verification Training *Vellore, India*

- Industry level training session on building skills for design and verification of systems.

Technical Skills

Languages & Frameworks (CS): HTML, CSS, JS
Languages & frameworks (ECE): Verilog, Systems Verilog, Keil micro vision, Matlab, Cadence, R Studio
Developer Tools: VS Code, Jupyter Notebook, MS Office

Academic Achievements

- Qualified for **RMO** in 2018 among 480 students from MP conducted by **Mathematics Teachers' Association (MTA)** and **Homi Bhabha Centre for Science Education (HBCSE)**.