

Vurelli Sanath

CONTACT

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QUALIFICATIONS

Educational Qualifications:

- **B.Tech, Electrical Engineering** in Indian Institute of Technology Patna with CPI 7.32 (2012-present).
- Passed class XII with 89 percent.
- Passed class X with 87 percent.

WORK EXPERIENCE

DRDO,Hyderabad

May 18 — July 18

Study of Tactical Aerospace Vehicle

- Formulated the Short Period model of TAV.
- Formulated dynamical modeling of TAV.
- Study and implementation of 3 loop Autopilot of TAV.
- Study and implementation of pn guidance of TAV.
- Worked on image processing techniques for target tracking

TECHNICAL EXPERIENCE

QUADCOPTER

- Formulated mathematical model of the quadcopter.
- Successfully delivered power to the motors enough for lifting the total weight.
- Experimented on hovering quadcopter by using multiwi cirus board.

PCB

- Implemented bipolar shift keying on PCB.
- Single layer printed circuit board was built form scratch.Onto it components were soldered.

SKILLS AND TECHNOLOGIES

- C,Java,MATLAB,VERILOG,.
- Simulink,MPLAB,Xilinx IDE.
- Worked on PIC18F, Arduino uno, Multi wii cirus IMU.
- Microsoft Excel,Powerpoint,Word

POSITIONS OF RESPONSIBILITY

- Worked as Coordinator of Electrical club ,IIT Patna (2014 –2015).
- Worked as Volunteer of techincal committee for Anwesha 2K13(Techno Cultural Fest of IIT Patna).