

Akhilesh kumar Gond

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Education

- **Indian Institute of Technology, Patna**
Bachelor of Technology, Department of Electrical Engineering
CPI: 5.5/10
- **Naval's national academy, Gorakhpur**
Class XII, Central Board of Secondary Education
Performance: 61%
- **Sacred heart academy, Gorakhpur**
Class X, Indian Certificate of Secondary Education
Performance: 68%

Internship and Projects

- **Moving object detection** **Jan'15-May'15**
Guide: Dr. MaheshKumar H. kolekar, Asst. Professor, IIT Patna
 - Object detection was carried out with the help of MATLAB code
- **Cooling fan having temperature sensor** **Jan'15-May'15**
Guide: Dr. S. K. Parida, Asst. Professor, IIT Patna
 - Fan speed was controlled using PWM generation according to the temperature sensor
- **Study of HT, LT and screen cables** **Summer Internship'15**
BHEL, Noida. Guide: Mr. Vikash Kumar Singh
 - Selection and sizing of different cables

Technical Proficiency

- **Programming languages:** C, Matlab
- **Software packages:** Mitsubishi Programmable logic controller (PLC)
- **Microprocessor:** Intel 8085

Relevant courses and labs undertaken

- **Courses:** Semiconductor devices and circuits, Digital circuits and microprocessors, Signal, system and network, Analog integrated circuits, Principles of communication, Introduction to VLSI design, Digital system processing, Control systems, Electronic Instrumentation, Advanced control system, Embedded systems, Electromagnetic theory, power system operation and control, power electronics, communication networks, wireless communication and integrated circuits
- **Laboratories:** Digital circuits lab, Analog circuits lab, Verilog lab, Communication lab, Instrumentation and control lab, Embedded systems lab, Digital signal processing lab

Extra-Curricular Activities

- Participation in **sixth sense robotics conducted by I-3INDIA**
- Represented IIT Patna in Inter IIT sports meet