

Meena Indra kumar

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Education

- **Indian Institute of Technology, Patna**
Bachelor of Technology, Department of Electrical Engineering
CPI: 6.67/10
- **Mittal International, Kota, Rajasthan**
Class XII, Central Board of Secondary Education
Performance: 69%
- **Vardhaman Vidyalaya, Mehsana, Gujarat**
Class X, Gujarat Secondary Education board
Performance: 80.9%

Projects

- **Project title: Live colour detection using MATLAB** **January'15-present**
IIT PATNA, Guide: Dr. Maheshkumar H. Kolekar, Asst. Professor, IIT Patna
 - Familiarized with the image and video processing using MATLAB
 - Developing a code to detect three primary colours in the running video using MATLAB
- **Project title: Multiple player detection and tracking** **January'15-present**
IIT PATNA, Guide: Dr. Maheshkumar H. Kolekar, Asst. Professor, IIT Patna
 - Detecting different entities such as players
 - Tracking the same in broadcast videos

Technical Proficiency

- **Programming languages:** C, Verilog, 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 signal processing, Control systems, Electronic Instrumentation, Advanced control system, Embedded systems, Electromagnetic theory, Power system, Power Electronics, Power System Operation and Control
- **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

- Represented IIT Patna's basketball team in Inter IIT sports meet 2014
- Frequent participation in different quiz events