

Nikhil Gurawa

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EDUCATION	<ul style="list-style-type: none">● Indian Institute of Technology Patna Patna, India Bachelor of Technology, Department of Electrical Engineering CPI: 6.89/10 (after 6 semesters) 2012-16● Aastha Academy Sr. Sec. School, Sikar Rajasthan, India Class XII, Board of Secondary Education, Rajasthan Performance: 74.00% 2012● Kendriya Vidyalaya Sikar Rajasthan, India Class X, Central Board of Secondary Education Performance: 8.2 CGPA 2010
RELEVANT COURSES	Basic Electronics, Semiconductor devices and circuits, Digital circuits and microprocessors, Signal Systems and networks, Electrical Machines, Analog integrated circuits, Principles of communication, Introduction to VLSI design, Digital signal processing, Control systems, Electronic Instrumentation, Electrical Power System, Embedded systems, Electromagnetic theory, Advanced control system, Power system operation and control, Power electronics, Wireless communication, Communication networks
LABS UNDERTAKEN	Digital circuits lab, Analog circuits lab, Verilog lab, Communication lab, Instrumentation and control lab, Embedded systems lab, Digital signal processing lab, Advanced Electrical Machines lab
TECHNICAL PROFICIENCY	Digital and Analog Circuit Designing, PCB Designing C Programming, MATLAB
PROJECTS & INTERNSHIP	<p>Referee whistle detection from soccer video sequences Aug'14-Nov'14 Guide: Dr. Maheshkumar H. Kolekar, Asst. Professor, Department of EE, IIT Patna</p> <ul style="list-style-type: none">● Creation of highlight of a given soccer game video, by processing the audio stream and extracting the events at which whistle was detected. <p>Automatic Street Light Control System Jan'15 - Apr'15 Guide: Dr. Sanjoy Kumar Parida, Asst. Professor, Department of EE, IIT Patna</p> <ul style="list-style-type: none">● Sensor using LDR and transistor BC547 as a switch ON and OFF the street light system automatically. <p>Whistle SOS: Panic Button Device Summer Internship'15 Guide: Mr. Sidharth Madan, Founder and CEO, Whistle SOS, Enormous Technologies Pvt. Ltd. Gurgaon, India</p> <ul style="list-style-type: none">● Panic Button Device was designed and integrated with android application to provide security to its user.
AREAS OF INTEREST	<ul style="list-style-type: none">● Electrical Machines, Power Electronics● Electrical Power Generation, Operation and Control
EXTRA-CURRICULAR ACTIVITIES	<ul style="list-style-type: none">● Organizer at ECO Club at ANWESHA'14 (Annual Techno-Cultural Fest of IIT Patna)● Won the 3rd prize in INTACH HERITAGE QUIZ 2014-15: Patna round held at IIT PATNA● Won the 2nd prize in Green Quiz in ANWESHA'15