

GANESH A. MULAY

PRE FINAL YEAR, B.TECH ELECTRICAL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY, PATNA

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Work Experience:

May-July 2015

Summer Internship – HACKLAB INNOVATIONS, Bangalore

- Product Development intern
- Established Wireless Sensor Network for Smart Irrigation Control Systems in Farm

Projects:

Ongoing

Dr. Sumanta Gupta

Development of wireless sensor network using radiofrequency transmitters and receivers

- Designing multihop network for long range data transfer
- It will primarily have various MCU communicating wirelessly in a network

April 2015

Dr. Ranjan K. Behra

Feasibility of Wireless Power transfer using Microwaves

- Inspected simulation results for split ring resonators used in Microwave power reception

September 2014

Technique, IIT Guwahati

Color Based Object Detection and It's Placement using Image processing Technique in MATLAB

- 3rd prize in a robotic event at techfest of IIT Guwahati
- Autonomous bot that used image processing to locate the block of different colors and placed the block in respective color zone.

Position of Responsibility:

- 1. Technical Coordinator, Rural technology and development club, IIT Patna**
 - Assisting three technological projects undertaken for development of rural areas in India
- 2. Vice President, S. B. High School, Aurangabad**
 - Arranged and managed various cultural programs

Area of Interest: Wireless Networks, Analog and Digital circuits, Communication systems

Software Skills: Verilog, MATLAB, SIMULINK, C, JAVA, Arduino, Proteus Simulation

Education:

2013-Present	Indian Institute Of Technology, Patna	CPI: 8.77/10	Rank 3 (Department)
2013	Intermediate from Maharashtra State Board	88.00%	Rank 2 (Jr. College)
2011	Matriculate from Maharashtra State Board	97.09%	Rank 2 (School)