Syed Md. Ashraf Siddiqui

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Qualifications

Education Details	Board /University	Institute	CPI / %	Year
B.Tech (Electrical Engg.)	IIT Patna	IIT Patna	5.55*	2012-16
Intermediate/+2	Bihar School Education Board	Patna Muslim High School	70.8%	2011
Matriculation	Bihar School Education Board	High School Barsoi,Katihar	77.2%	2009

Interests

Electrical & Electronics circuit Design, Digital circuit design, Signal processing & Communication, Power system, Electrical Machinery

Industrial Experience

Training at National Thermal Power Corporation Summer 2014
Limited (NTPC), Barh

- Undergone vocational training regarding generating and transmitting electricity at thermal power plant.
- Familiarized with the cause of power loss and and the ways to manage it.

Projects

TEMPERATURE INDICATOR DESIGN USING OP-AMP   **(Jan,2015-Present)**
                    Mentor:- Dr. Ahmad Ali (Assistant Prof. , Deptt. of Electrical Enggineering, IIT Patna)
SCREAM AND GUNSHOT DETECTION IN NOISY ENVIRONMENT   **(August, 2014-Present)**
 Mentor:- Dr. Mahesh Kumar H Kolekar (Assistant Prof.,Deptt. of Electrical Engineering, IIT Patna)
    Used Matlab for detecting the features of audio signal.
PCB DESIGNING OF COMMUNICATION SYSTEM   **(Nov, 2014)**
 Mentor:-Dr. Sumanta Gupta (Assistant Prof., Deptt. of Electrical Engineering, IIT Patna)
    Designed PCB which could generate PRBS signal and perform BPSK modulation.

Technical Skills

Languages: C, Java, MATLAB, Verilog HDL
Softwares: Xilinx ISE, Autocad, PCB design