

Savinay Patlolla (07EE1010)

ACADEMIC QUALIFICATIONS:

Year	Degree/Certificate	Institution	CGPA/ %
2007-present	B.Tech Hons, Electrical Engineering	IIT Kharagpur	7.28*/10
2007	HSC(Andhra Pradesh Board) (XII)	Narayana jr college,Hyderabad	97.1 %
2005	SSC(Andhra Pradesh Board) (X)	Revathi High School, Rangareddy(AP)	91.5%

RESEARCH EXPERIENCE:

- Developing a *Linear Generator* which can generate power from waves in a water tank under the guidance of Prof. P. Bajpai, Department of Electrical Engineering, IIT Kharagpur
 - Designing a Linear Generator and evaluating the performance using given water tank and wave generator mechanism
- *Industrial Training* in Desein-Indure Group of Companies, New Delhi as a part of my academic curriculum
 - Hands-on exposure to the power plant design parameters and strategies in Desein private ltd. (a power system consultancy group)
- Modelling of a DC motor in an *Elevator Control System*
 - Optimizing the effect of acceleration and jerk in the Elevator cabin using the Simulink software in MATLAB, where a DC motor model is developed
- Project on *Wind Turbines and Generators* in Corporate Research and Development, Bharat Heavy Electricals Limited(BHEL), Hyderabad
 - Different kind of generators are simulated where the optimum performance was declared by a Doubly-Fed Induction Generator
- Implemented a variable digital notch filter under the guidance of Prof. A.Routray, Department of Electrical Engineering, IIT Kharagpur
- Modelling of speech signals using complex AM and FM signals under the guidance of Prof. Ram Bilas, International Institute of Information Technology(IIIT), Hyderabad

SKILL SET:

- Good command over written and spoken English
- Computer languages:
 - C, JAVA, HTML
- Engineering Tools:
 - AutoCAD, MATLAB, PSPICE, Xilinx

ACADEMIC ACHIEVEMENTS:

- Ranked 482 in the Joint Entrance Examination, 2007(IIT-JEE, 2007) among 0.5 million applicants.
- Ranked 208 in the All India Engineering Entrance Examination, 2007 (AIEEE 2007) among 0.4 million applicants.
- Shortlisted for doing Bachelor of statistics from ISI (Indian Statistical Institute),Kolkata which was done through various level of exams
- Was a recipient of Merit-cum-Means (MCM) Scholarship for good performance from Indian Institute of Technology, Kharagpur, consecutively for the past 3 years.
- Certified among top 30 in INDIA in Mathematics Olympiad conducted by AMTI(Association of Mathematics Teachers of India) in 2006-07

EXTRA-CURRICULAR ACTIVITIES:

- Was a volunteer of Kshitij'08, Asia's largest Techno-Management fest.
- A member of National Cadet Corps, for two years 2007-2009 (B-certification received).
- Member of RP Hall Team in the Inter-Hall Athletics
- Hobbies include playing Chess, Basket ball and Volleyball.