



EDUCATION

Degree/Certificate	Year	Institution	CGPA / %
B.Tech. (Hons.) Instrumentation Engineering	2007-Present	IIT Kharagpur	8.75/10
Senior Secondary School Certificate (CBSE)	2007	Montfort School, Delhi	91.8%
High School Certificate (CBSE)	2005	Montfort School, Delhi	91%

ACADEMIC ACHIEVEMENTS

Scholastic Achievements	<ul style="list-style-type: none"> Ranked 2nd in Batch of Instrumentation Engineering Received awards for Excellence in Studies in school, highest aggregate marks in 11th and 12th Received scholarships and other awards based on academics and discipline in school
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INTERNSHIPS

SCHLUMBERGER Asia Services Ltd., India	Drilling and Measurements	May'10 - Jul'10
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Projects	<ul style="list-style-type: none"> Infrared Imaging (IR) for Preventive Maintenance of Electronic boards to reduce tool failures Reliability of Electronic Boards in 'Ecoscope' tool Benefits and Shortcomings of 'Ecoscope' LWD (Logging while Drilling) tool
Achievements	<ul style="list-style-type: none"> Identified problems with Ecoscope tool at shop-floor and proposed implementable solutions Developed a model to reduce tool failures at Rig sites Model approved and implemented as integral part of Maintenance Operations Only Intern selected by management to work for 2 weeks more Conducted Trained Sessions for technicians in Kakinada and Mumbai base of Schlumberger

IIT-Delhi	VLSI Lab (Electrical Engineering Dept.)	May'09 - Jul'09
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Project	<ul style="list-style-type: none"> Design a 32-bit Booth Adder and analyze its Speed and Power performance <ul style="list-style-type: none"> Worked as a Research Fellow under supervision of Prof. Dr. G.S. Visweswaran (IIT-Delhi)
Achievements	<ul style="list-style-type: none"> Implemented CMOS VLSI design in Cadence; Achieved significant reduction in Delay Time Selected for Summer Research Fellowship Programme 2009 (IIT-Delhi), out of 3000 entries.

PROJECTS

<ul style="list-style-type: none"> Voice Operated Switch (VOS) 	Jan'10 - Mar'10
<ul style="list-style-type: none"> Automatic Lane Detection & Lane Departure Warning System 	Oct'09 - Nov'09
<ul style="list-style-type: none"> Energy Scavenging using Shoe-mounted piezoelectric strips for Personal Health Monitoring 	Sept'09 - Dec'09
<ul style="list-style-type: none"> Term paper : "Capacitive person detector using Fuzzy Logic" 	Aug'09 - Sept'09

POSITION OF RESPONSIBILITY

General Secretary & President	<ul style="list-style-type: none"> General Secretary, Electrical Engineering Society <ul style="list-style-type: none"> Organized various events & Handled a sum of Rs. 80,000 Initiated Rohit Kumar Scholarship (Rs. 10,000) Helped in raising sponsorship of Rs. 28,000 for the Dept. Society Magazine and events President, Electrical Engineering Society 	Aug'09-Sept'10 Oct'10-Apr'11
Department Representative	<ul style="list-style-type: none"> Undergraduate Academic Advisory Committee <ul style="list-style-type: none"> Gave suggestions on how to improve curriculum 	Aug'09-Apr'11

EXTRACURRICULAR ACTIVITIES

Sports	<ul style="list-style-type: none"> Waterpolo & Swimming: <ul style="list-style-type: none"> Gold medal in Inter-Hostel Waterpolo competition, 2009-10 Silver medal in Inter-Hostel Waterpolo competition, 2008-09 Gold and Silver medal in Inter-Hostel Aquatic Meet, 2008-09 Various medals in Inter-School Competitions
Technical	<ul style="list-style-type: none"> Represented my hostel in Inter-Hostel Case Study Competition, 2009-10 Won 2nd prize in the event 'Finding the Expert' in the State Level Computer Symposium organized by Delhi Public School, RK Puram, Delhi