

Pranjal Singh

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Educational qualifications				
B. Tech + M.Tech (5 year Dual Degree)	Mechanical Engineering	IIT Kharagpur	7.19/10	2011
12 th	C.B.S.E	Aklank Public School, Kota	91.4%	2006
10 th	I.C.S.E	St. Mary's School, Bijnor	88%	2004
Academic Achievements				
<ul style="list-style-type: none"> All India Rank 193 in NSTSE (National Level Science Talent Search Examination). Science Student Award recipient, from Council of Science and Technology, for achieving full marks in 10th board Mathematics examination (Only person to receive the award from my school). Ranked in the top 0.5% in IIT JEE among 300,000 aspirants. Ranked 198th in the state and in the top 0.2% in AIEEE among 5, 25,000 aspirants. Qualified GATE and was awarded a Scholarship. Ranked 391th in the State engineering entrance examination UPTU. 				2006 2004 2006 2006 2010 2006
Relevant courses				
<ul style="list-style-type: none"> Economics Financial Engineering 				
Internships				
ONGC – India's largest Oil & Gas Exploration and Production Giant				
<ul style="list-style-type: none"> Evaluated and proposed a comprehensive design for the upcoming gas well to be drilled. Contributed to the safe operation of the gas well to be drilled by analyzing the proposed plan and eliminating certain discrepancies. The contribution was applauded by the project team. Carried out a detailed study of the various protocols involved In the exploration, production and distribution of natural gas. 				Agartala May-June 2009
North Street Cooling Towers Pvt. Ltd				
<ul style="list-style-type: none"> Underwent practical training in workshop division and studied the manufacturing process of Cooling Tower's assembly parts. Optimized the SAP system for inventory management and creating Performa invoices for the orders. 				Ghaziabad May-June 2008
Projects				
Formula-SAE IIT Kharagpur:				
<ul style="list-style-type: none"> Member of the transmission division of F-SAE team, responsible for deciding the transmission parts to be used for building the first formula car for IIT Kharagpur. 				
B.Tech Project:				
<ul style="list-style-type: none"> Developed a mathematical model for the Natural Circulation loops to be utilized for various air-conditioning and refrigeration purpose using secondary fluids. Studied the steady and transient states of the natural circulation loops. 				
M.Tech Project (ongoing):				
<ul style="list-style-type: none"> Developing a mathematical model for the individual components of a refrigerator, linking them together and to study the whole refrigeration cycle operation. 				
Post of Responsibility				
<ul style="list-style-type: none"> General Secretary, Library for LLR Hall, IIT Kharagpur. Successfully led a team of 3 secretaries and a budget of INR 33,000. Took initiative and arranged funding from the alumni, to setup a first ever section for UPSC in the institute. Procured a printer (apart from the budget) and implemented a printout facility for the students, which is available at the least cost in the institute. Assistant Coordinator, Kshitij '08, IIT Kharagpur's national level techno-management fest. Library Committee Member, LLR Hall, IIT Kharagpur 				2008-09 2008 2007-2008
Extra Curricular Activities				
<ul style="list-style-type: none"> Won a Gold Medal in the inter hall Case Study event, IIT Kharagpur Won a Gold Medal in the inter hall English Dramatics event, IIT Kharagpur. Participated in the inter hall Hindi Dramatics event, IIT Kharagpur. Contributed to the Leprosy eradication program, a social initiative, by collecting funds for them Worked for the Fishery Development under rural development program near IIT kharagpur. 				2009 2010 2009