

EDUCATION

Program	Institution	%/CGPA	Completion
B Tech in Mechanical	Indian Institute of Technology Kharagpur	6.5	2010
XII	B.S.P Senior Secondary School Sector 10	80.4	2006
X	B.S.P Senior Secondary School Sector 10	88.8	2004

ACADEMIC ACHIEVEMENTS (IF ANY)

- Receive Steel Authority of India Limited PRIME MINISTER'S SARVOTTAM SCHOLARSHIP.
- Among the rank holders throughout school career
- Among the rank holders of National Cyber Olympiad(NCO)
- Among top 1% in IIT JEE 2007 out of 250,000
- Among top 5% in AIEEE 2007(more than 400,000 appear for the examination)

PROJECTS/PUBLICATIONS (IF ANY)

- COLD STORAGE EVOLUTION and TECHNOLOGY ASSESMENT:
Study of the multi-commodity COLD STORAGE and reduction of the negative impacts on the system by either improving the present techniques or by application of new techniques.

Preparation of a Hand Book supported with a Graphical User Interface(GUI) as a reference for COLD STORAGE construction including all Technical and Economical aspects. under the guidance of Professor Kanchan Chowdhury, Cryogenic Centre, IIT Kharagpur.
- Second Law Analysis in Process Industries:
Study of Systems involved in Process Industries and their Exergy Analysis.

RELEVANT COURSES/LABS (IF ANY)

- Economics
- Marketing Management
- Operations Research

INTERNSHIPS/PROFESSIONAL EXPERIENCE (IF ANY)

IIM Ahmedabad:

- CASE STUDY on LOGISTICS ANALYSIS of TI CYCLES
- Research on REDEVELOPMENT of NEW DELHI RAILWAY STATION UNDER PUBLIC PRIVATE
- PARTNERSHIP under the guidance of Professor G Raghuram

BLUESTAR INDIA LTD, Gurgaon:

(Duration)

- A conceptual approach to redesign IIT Kharagpur's college campus.
- Reducing Heating, Ventilation and Air Conditioning Load by using various load reduction techniques which includes night precooling, Variable Frequency Drives, Energy Recovery, Thermal Energy Storage, Natural ventilation, Displacement Ventilation etc.
- Reducing Lighting Load by installing Efficient Lighting Systems and Daylight Harvesting.
- Reduction of Water Consumption by installing Low Flow Plumbing Fixtures, On-site Water
- Treatment and Rainwater Harvesting with a reduction potential of 59%.
- Onsite Energy Generation using Solar, Wind, Bio and Geothermal Sources.
- Potential of reduction of Electricity Consumption by 69%.

EXTRA-CURRICULAR/CO-CURRICULAR ACTIVITIES (IF ANY)

- Member of American Society of Heating Refrigeration and Air Conditioning Engineers (ASHRAE) student body.
- Member of NSS (National Service Scheme), IIT Kharagpur (2007-2008). Participated in Annual Winter Camp
- Represented RP hall in OPEN IIT volley ball competition.