

KRISHNA PRATAP

MECHANICAL ENGINEERING (DUAL)

EDUCATION

YEAR	PROGRAM	INSTITUTE	CGPA
2006-2011	5 year Dual Degree (Mechanical Engg + Thermal Science)	Indian Institute Of Technology, Kharagpur	7.83/10
2006	XII (CBSE Board)	The Air Force School, New Delhi	89.00%
2004	X (CBSE Board)	The Air Force School, New Delhi	88.80%

COURSES/CERTIFICATION

YEAR	CERTIFICATION	RESULT
June 2010	CFA Level 1, Charlottesville, USA	CLEARED

ACADEMIC ACHIEVEMENTS

- Awarded Certificate of Merit for being placed in state wise top 1% in **National Standard Examination in Physics 05-06**
- Achieved **99.07 percentile** in GATE-2010 (Mechanical Engineering)- Ranked 549 among 59338 applicants
- Recipient of **AFFWA (Indian Air Force) Scholarship** for excellence in academics [2006-07]
- Achieved **99.5 percentile in IIT-JEE 2006**- Ranked 1574 among over 3 lakh applicants [2006]
- Obtained **First Position** for 3 consecutive years among 120 students at Air Force Public School [2001-03]
- Awarded certificate of Merit in **"TSI Mathematics Olympiad-2001"** by the "Talent Search Institute"

ACADEMIC PROJECTS

YEAR	SUBJECT DETAILS
2010-Present	To use Adomian Decomposition method and Homotopy analysis method to solve heat transfer problems involving non linearity
2009-2010	Formulation of approximate analytical solutions for nonlinear differential equations and their implementation in modelling heat transfer problems Nominated for Best BTP Award: Top 10 among 120 students of mechanical engineering department.

SUMMER INTERNSHIPS

Organization	Tribology Lab, Indian Institute of Science, Bangalore-May 2009 - July 2009
Sponsor	Board of Research in Nuclear Science, BARC
Details	<ul style="list-style-type: none">- Successfully conducted detailed metallographic analysis of friction stir welded samples- Studied in detail, the properties of a weld such as strength& microstructure

RELEVANT COURSES TAKEN

-Financial Engineering, -Economics - Operation Research

POSITIONS OF RESPONSIBILITY

- Vice-President, MMM Hall Council, IIT Kharagpur -2006-07
- Organized Illumination Event, Intra-hall Sports Competitions, MMM Hall Day and various other activities

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