

EDUCATION

Program	Institution	%/CGPA	Completion
B Tech+ M Tech in Mechanical Engg.	Indian Institute of Technology Kharagpur	7.51	2011
XII	Kendriya Vidyalaya Raebareli	92.2%	2005
X	Kendriya Vidyalaya Raebareli	88.4%	2003

ACADEMIC ACHIEVEMENTS

- Secured **AIR 67** (99.9% percentile) in the **GATE 2010**.
- Secured All India Rank 831 in the Joint Entrance Examination conducted by IIT.

RELEVANT COURSES/LABS

- Numerical Solutions to Ordinary and Partial Differential Equations
- Programming and Data Structure
- Computer Software (Department of Mathematics)

INTERNSHIPS/PROFESSIONAL EXPERIENCE

PERIOD: MAY 2009-JULY2009

Organization: TELCON, Jamshedpur

Department: Fabrication Unit

Projects:

To find out the consumption patterns of consumable tools and items

Keeping the track of consumable tools consumed in different areas of the fabrication unit can help in improving the efficiency and reducing the cost for fabrication of products.

PROJECTS/PUBLICATIONS

BTECH PROJECT

PERIOD: JULY2009-MAY2010

Finding out the natural sloshing frequency for the horizontal circular cylinder filled to an arbitrary depth.

Vibrations in moving or stationary containers filled with liquid or fuel is of great concern to designers of road tankers, ship tankers, aerospace, civil and nuclear engineer as these disturbances causes stability problem. So by finding the natural sloshing frequency we can safely design the container accordingly.

MTECH PROJECT

PERIOD: MAY2010 (CONTINUED)

Finite volume Method application to sloshing with potential flow to study forced harmonic motion under steady state conditions.

EXTRA-CURRICULAR/CO-CURRICULAR ACTIVITIES

Participated in the annual B-plan competition of IIT KGP (Concipro-2009).
Concept - Collaboration between SME's with resource persons and Academic institutions.