

### Professional Objective:

Seeking a career in an organization that provides Motivation, Ambience, Upward Mobility, Exposure to Innovative Technology and to keep learning.

### Education

Year	Course	Institute/ School, City	CGPA
2003	X: Secondary School	Vivekananda Kendra Vidyalaya,Roing	85.6
2002	XII:Senior Secondary School	Ramakrishna Mission School,Narottamnagar	75.8
7 <sup>TH</sup> Sem	B.Tech, Manufacturing Sc. & Engg	Indian Institute of Technology, Kharagpur	6.42

### Industrial Internship

Atomic Energy Regulatory Board Of India(AERB)

BARC campus,Anushaktinagar,Mumbai

3<sup>rd</sup> May – 25<sup>th</sup> July 2010

Project Title: The Thermal Hydraulic Investigations of the Flow Instabilities occurring because of Transient Loss Of Coolant Accident (LOCA) in natural circulation boiling system using relap5/mod3.2

Work Done: I worked on the LOCA in AHWR natural circulation boiling system using relap5 software. My first task was to achieve steady state natural circulation in the boiling system and then do analysis on the transients.

Achievement: One of four students (out of 150 applicants) to be selected for the training. The results of my project on renodalization of the loop to enhance the analysis of the boiling system was implemented.

### Projects

1. Btech Project on Surface Coating of WS2 and MoS2 on mild steel and endeavour to achieve low coefficient of friction for dry lubrication and other industrial applications requiring very low friction.

Project Guide:Prof.A.K.Chattopadhyay,HOD Mechanical Department,IIT Kgp

Status: On-going

2. Project on the modelling,design and production-cost-optimization of the indigenously developed Pulse Grinder for dehusking common cereals,under Prof. S C Mahapatra,RD department,IIT Kgp

Achievement: One of over 18 students(out of 600 students) to be selected for the project.The machine was developed completely in the laboratories of the Department of Rural Development.

Status: On-going

### Technical and Web Skills

Operating Systems: Windows (98,NT,XP,Vista,W7),Linux red hat,Ubuntu

Programming Language: C,Data Structure,HTML,CSS,JavaScript

General Software: MS Word/Excel/Power Point/Expression Web, Solid Works, EES, AutoCAD, CAD/CAM(basics), Dream weaver,Origin, Matlab, Relap5 mod3.2, Adobe photoshop

### Achievements:

- Excellent performance in all the rounds of **National Talent Search Examination (NTSE)** Scholarship conducted by NCERT in 2003 and received the certificate.
- Ranked 3 in my state in All India Engineering Entrance Examination(AIEEE)
- State Level JEE Topper 2006 in both Engineering(rank 2) and Medical(rank 9)
- Excellent Performance in the **All India Trade Moghul Contest** conducted by **M/S Future First** where top performers were rewarded. Duration: 1<sup>st</sup> September 2010- 4<sup>th</sup> October 2010.
- Achieved first class results in **Mathematics Olympiad** in both class XI and class XII.
- 1<sup>st</sup> position in Class X exam in my school
- 2<sup>nd</sup> position in Class XII board exam in my school
- Best outgoing Student of the year 2003 in my school.

### Extra-Curricular Activities

- Vice-Captain of Hall Football team and represented in the IIT Inter-Hall football tournament in 2007, 2008 and 2009
- Played in the All India Junior Subroto Mukherjee Football Cup(under-17) in 2001
- Member of American School of Mechanical Engineers(ASME)
- Won 2<sup>nd</sup> prize in the Anti-Malaria month drawing and essay writing competition.
- Won Medals at Intermediate/High School Level Athletics

### Post of Responsibilities and Initiatives undertaken

- Vice-Captain of inter-hall MS Hall Football Team.
- House Prefect at High School.
- Secretary of Science Club at high school.
- Conducted several Inter House Dramatics, Debates,Extempores and Quiz events at High School.
- Volunteer in KSHITIJ (Techno Management Fest) 2008 IIT Kharagpur..
- I host a web blog askmenpa.blogspot.com/ dealing with basic problems in computer applications,maintenance softwares and web design.

### Strengths:

Highly motivated individual and a good team player with proven teamwork skills.

Quick learner and very interested to learn New Technologies.

Strong ability to communicate effectively both orally and in writing.

### Declaration:

I hereby declare that the information given above is true to the best of my knowledge. MENPA LINGGI