Zambre Mayur Dnyandeo IIT Bombay,Mumbai   *Email: zmayur.zmayur@gmail.com*

SCHOLASTIC ACHIEVEMENTS

- Ranked among **top 0.5%** in **IIT Joint Entrance Examination** (**All India Rank 1962**) *2010*
- Secured **All India Rank 978** in **AIEEE** *2010*
- Awarded the **National Talent Search Scholarship (NTSE)** *2008-2010*
- Selected amongst top 1% of the students in India in Indian National Chemistry Olympiad (**INChO**) *2010*
- Selected in **Maharashtra Talent Search Examination** (MTSE) in 8th standard *2006*
- Secured position amongst **top 10%** students of test center in **National Standard Examination in Physics** *2010*
- Receiving **MCM (Merit-cum-Means) scholarship** which is offered to 25% of undergraduate students

INDUSTRIAL EXPOSURE

Sharda Motor Industries Ltd., Pune *May'12 –Jun'12*
Operation Management
- Determined **bottle neck operation** and suggested change in process to reduce **cycle time**
- Suggested an improvement in optimizing XUV-500 exhaust system manufacturing line by determined **value added** and **non-value added time**
- Suggested improved **supply chain system** for tail pipe assembly
- Drew **Current Value stream map** for the process

Chandrapur Super thermal power station-MAHAGENCO, Chandrapur *Dec'11*
Trainee, Boiler and Turbine section
- Explored basic working of thermal power plant
- Explored Boiler and Turbine section with functioning and maintenance of their auxiliaries parts
- Attended **boiler tube leakages** during my stay
- Learned causes for tube leakages and shutdown of power plant

POSITION OF RESPONSIBILITY

Entrepreneurship Cell, IIT Bombay *Aug'11 –Jan'12*
Coordinator, Corporate relations department
- Responsible for connecting E-cell to the corporate world and invited corporates to **E-summit** and **Eureka-** Asia's largest B-Plan Competition
- Conducted Informal sessions and helped participants to formulate an organizational layout

Techfest, IIT Bombay *Aug'11 –Dec'11*
Coordinator, Ozone department
- Gathered resources to organize '**Techfest National Open Quiz'**
- Handled first level (Pune leg) of the event

Techfest, IIT Bombay *Oct'10 –Dec'10*
Organizer, Competition department
- Conducted the event of Water Polo
- Solved queries of participants and checked technical requirements of bots

Mood Indigo, IIT Bombay
Organizer, Hospitality department *Oct'10 –Dec'10*
- Handled and guided the registration of participants

COURSE PROJECT

Engineering Metallurgy Project *2011*
  Superplasticity of magnesium Guide: Prof B.P.Kashyap
  - Studied the parameters affecting superplasticity of magnesium
  - Presented the practical uses of magnesium property of superplasticity

Computer Programming and Utilization *2011*
  "TIC TAC TOE" game Guide: Prof R. K. Joshi
  - Designed the two player game in C++ using graphics interface in FLTK
  - Input was given by mouse clicks and accordingly X or O was printed in 3X3 box

TECHNICAL SKILLS

  - **Languages:** Basic C/C++
  - **Operating Systems:** Windows, Linux, Dos
  - **Miscellaneous:** Microsoft Office

EXTRA-CURRICULAR ACTIVITES

  - Attended sessions on Basics of Entrepreneurship, Innovation and Technological Advancement
  - Attended **Harvard US-India Initiative(HUII)** conference concerning primary discussion on 'Social Entrepreneurship' *Aug'12*
  - Explicated and speculated an **Remote Control car** for '**Track Mania'** competition with controlled differential turning *2010-2011*
  - Member of National Sport Organization (NSO) program for Kho-Kho team *2010-2011*
  - Won bronze medal in Karate competition for Katas *2004*

HOBBIES

  - Enthusiastic about **Formula one** and follow the races
  - **Trekking enthusiast**: Completed several **endurance testing treks** in the **Sahyadri hill range**

COURSE UNDERTAKEN

Core Courses	**Industrial Engineering and Operational Research**, Fluid mechanics(including lab), Solid Mechanics(including lab), Heat Transfer, Workshop Practice, Engineering Graphics & Drawing, Manufacturing Processes (including lab)
Minor Courses	**Accounting and Finance, Human Resource Management**
Other Courses	**Computer Programming and Utilization, Experimental and Measurement Laboratory, Economics, Data Analysis and Interpretation**, Philosophy, Calculus, Linear Algebra, Differential Equations, Introduction to Aerospace Engineering