

SCHOLASTIC ACHIEVEMENTS

- Secured All India Rank **1624**, among approximately 450,000 students who appeared for **IIT-JEE, 2010**.
- Secured All India Rank **1224** in **AIEEE-2010** (All India Engineering Entrance Examination) among approximately 950,000 students who appeared for it.
- Secured **State rank 9th** in **Maths Talent Search Exam-2008** conducted by Indian Institute for studies in Mathematics in Std Xth.
- Secured **State rank 6th** in **Maths Talent Search Exam-2007** conducted by Indian Institute for studies in Mathematics in Std IXth.
- Secured **State rank 14th** in **Maths Talent Search Exam-2006** conducted by Indian Institute for studies in Mathematics in Std VIIIth.
- Secured **State rank 30th** in the state level **Maharashtra Talent Search Exam** in VIIIth Std conducted by the N.Wadia College Pune.

INITIATIVES & POSITON OF RESPONSIBILITY

Examaze (This is an educational START-UP initiated by me)

(Registration is in Progress)

- Currently **leading a group of 3 people working** in this
- The **work undertaken by me** for this **till now** is:-
 - Gave **13 seminars** which were attended by more than **1200 people**
 - The seminars were appreciated a lot in **Regional Media**.
 - Contacted various institutes and persuade them to keep the seminar for their classes
 - Addressing the students telling them about IIT's, their importance also motivating them for studying harder
 - Made a **diary for students** to **motivate** them, it contained **articles** from students as well as alumni of various IITs
 - Finding Sponsors for the printing of the diary.
 - Getting articles from different people for the diary & the editing of the diary.
 - **Launched a Year-long program** for students of **9th & 10th STD** for their **foundation** for further studies. (30 students registered for the year long program)
 - Contacted various classes to co-ordinate with for the program.
 - Gave franchise to Reliable test series to ease the work in Amravati as they are local.
 - Preparing Test-Papers for the tests.
 - Publicizing about the test-series.
 - Conducting motivational seminars & guiding the students.
 - Providing the students with mentors for the help of students.
 - Currently **working** to develop a **Web-Site**.
- Our **Future Project**
 - Plans to expand in 3 other cities for increased out reach of the program.

Core Group member, Padarth-2013, Marketing

- Part of the **13 Member managerial team** responsible for conceptualization and execution of Padarth-2013, the **annual departmental festival** of Metallurgy and Materials Science Department.
- Pursuing a budget of **INR ₹ 3 Lakhs** from Corporate sponsors as Marketing Budget of Padarth-2013.
- Conceptualized **methods** to reach out the **masses**.
- Strategizing **ways to improve the Litre of Light** an ongoing social campaign by Padarth.

INTERNSHIPS & PROJECTS UNDERTAKEN

- **Sunil Hi Tech Engineers Limited** (May 2012- July 2012)
 - Learned about the **working** of the **different departments** in the company especially the **Procurement** and **Finance**.
 - Studied in details about the Letter Of credit.
- **C++ code of a TV game Show DEAL OR NO DEAL - Course Project** (Jan 2011 -Apr 2011)
Guide Professor: - Rushikesh Joshi (Department of Computer Science Engineering, IIT-Bombay)
 - Develop a Game **Deal or No Deal in C++**
 - It is a popular game there in a lot of gaming zones, it works on probability model.
 - Successfully made an interface and algorithm for this game.
- **Model of structures of Fullerenes-Course Project** (Jan 2011 - Apr 2011)
Guide Professor: - Ajay Singh Panwar (Department of Metallurgical Engineering, IIT-Bombay)
 - Developed a model to study the structure of Fullerene
 - Made a model of fullerene, to learn more about its structure
 - Observed the special arrangement of the elements in Fullerenes and some of the important properties related with that
- **Presentation on Aerogels-Course Project** (Jan 2011 - Apr 2011)
Guide Professor: - Ajay Singh Panwar (Department of Metallurgical Engineering, IIT-Bombay)
 - Prepared a presentation on aerogels, their properties and their uses
 - Studied the properties which make this future material very useful and the important applications where this can be used

EXTRACURRICULAR ACTIVITIES

- **Coordinator Marketing department Mood Indigo-2011.** (Aug 2011– Jan 2012)
 - As a part of the marketing team, successfully led a group of over 10 student volunteers handling sponsorships and external relations for the event.
 - Helped in raising up the capital for Mood Indigo from corporate sponsors across India.
- **Coordinator Creative department Tech-Fest-2012.** (Nov 2011- Jan 2012)
 - Managed the Street Photography Workshop during Techfest 2012.
- Was the part of the Inter-Department Football team held between Metallurgical Engineering & Materials Science and Civil Engineering Department at IIT-Bombay.
- **Special interest in Badminton**

MAJOR COURSES UNDERTAKEN

- **Core courses:** Ceramics & Powder Metallurgy[#], Mechanical Behaviour of Metals[#], Phase Transformations[#], Electronic Properties of Materials*, Metal Casting and Joining*, Process Metallurgy Principles*, Structure of material, Transport Phenomenon, Mechanism of material, Theory of Machines and Machine Design, Thermodynamics of Material, Kinetics of Material.
- **Non-core courses:** Sociology[#], Basic microeconomics and macroeconomics, Computer programming and utilization, Fundamentals of Electrical and Electronic Engineering, Electricity and Magnetism, Modern Physics.
- **Mathematics courses:** , Introduction to Numerical Analysis*, Calculus, Linear algebra, Differential equations, Data interpretation and analysis.
- **Lab Courses:** Heat treatment Laboratory[#], Mech Testing Lab[#], Casting and Joining Lab*, Manufacturing and Processing Lab*, Engineering drawing lab, Mechanical workshop, Metallography and Characterization laboratory, Experimental and Measurement Laboratory.

TECHNICAL SKILLS

- Proficient in C/C++
- Basic knowledge of HTML

- Ongoing Courses

* - Courses to be covered in 6th Semester (Jan 2013- Apr 2013)