

Scholastic Achievements

- Secured All India Rank 3556 in JEE 2010 taken by more than 4.5 lakh aspirants
- Secured All India Rank 6430 in AIEEE among more than a million aspirants with a state rank of 52 in Uttarakhand
- Recipient of the **INSPIRE scholarship** given by the Department of Science and Technology, Govt.

Academic Projects

- Developed the famous game Tetris using C++ coding (Prof. R.K.Joshi) [Feb'10--Apr'10]
 - Employed concepts of Object Oriented Programming for creating user friendly GUI
- Technical Activities:
 - Line Follower: Designed an Autonomous Line Following bot based on an AVR microcontroller to traverse a white line on a black arena for the Line Follower Competition for Freshmen at IIT Bombay held in November 2010
 - Trackmania: Engineered a wireless remote control bot for Trackmania (technical event for freshmen at IIT Bombay in 2010)
- Microcontroller [Aug,11-Nov 11]
 - Subject: Assembling and Programming of a Microcontroller: Complete assembling of a programmer's and application board of a microcontroller. Utilized the concepts of application board, programmer, compiler, I/O, timers and individual microcontroller blocks like ADC/DAC, serial port interfacing, interrupts, etc.
- Data analysis on bacterial proteome and drug analysis (Prof. S.Sanjeeva) [Dec,11-till date]
 - Currently working on gel electrophoresis technique for the separation and subsequent analysis of proteins.

Positions of Responsibility

- Co-ordinator(member of Technoholix team) in Techfest 2012 (Technical Festival of IIT Bombay, also India's largest technical festival)
 - Co-ordinated the invitation and travel of international performing artists. Also co-ordinated their accommodation and stay.

Skills

- Programming Languages : C, C++, HTML
- Operating Systems : Windows, Linux
- Software : MS Office, MATLAB, Adobe Photoshop, After Effects, Sony Vegas

Courses Taken

Calculus
Linear algebra
Differential Equations
Statistics

Computer programming
Economics
Basic Chemistry
Thermodynamics

Organic Chemistry
Molecular Biology
Modern physics
Language and Literature

Extra Curricular Activities

- A member of universal solidarity movement which works for the betterment of the poor and aims at cleaning the environment.
- An active member of the clubs silverscreen(film and media) and rang(fine arts club) at IIT Bombay.
- For 3 years have taught at a government school on a weekly basis.
- Badminton as NSO sport.
- A member of inter IIT girls volleyball team.
- Won all over India 2nd prize in camel painting competition in the year 2007.