**SCHOLASTIC ACHIEVEMENTS**

* Secured **All India Rank of 1102** in **IIT-JEE-2011** (IIT Joint Entrance Examination) amongst almost 5,00,000 aspirants
* Was placed in the **Top 0.3 percentile in AIEE -2011** and among **Top 100 in B.Arch** AIEEE-2011
* Was placed in the **Top 0.2 percentile** **in EAMCET-2011**
* Was one of the **Top 50 students** of whole state in matriculation
* Has been selected for **Sainik School bhubaneswar** (in which only 50 students are selected from each state) and **Jawahar Navodaya Vidyala** in the district (2nd place in the entrance exam)

**PROJECTS AND INTERNSHIPS**

* **STUDY OF PROPERTIES OF PAPER- CONCRETE April 2012-Till Date**

*Guide-Prof. Prakash Nanthagopalan(Civil Engineering Department, IIT Bombay)*

This project aims at standardizing paper-concrete by using the prodigious waste i.e paper for

housing and construction activity.

The properties of fresh and hardened paper-concrete like water cement ratio, thermal

conductivity and strength were determined and few standard mixes were established.

Presently working on improving the strength of the blocks by using coarse aggregates like

sand, fly ash and silica flumes.

* **INSTITUTE TECHNICAL SUMMER PROJECT May-June 2012**
* Completed a summer project under the Students’ Technical Activities Body of IIT Bombay, which involved creating a basis for gesture recognition through the basics of image processing
* Presented a poster in the exhibition conducted by the STAB on the project
* **STROBOSCOPE - A SIMPLE MACHINE TO CALCULATE RPM August-Till Date**

*Guide-Prof. Siddhartha Duttagupta (Electrical Engineering Department, IIT Bombay)*

* A circuit which makes a set of lights flicker which is connected to a fast moving or mainly rotating object and can measure the rpm of it.
* **GRAPH PLOTTER** - **A C**++ **PROJECT August-November 2011**

*Guide-Prof.Deepak B Patak (Computer Science Engineering Department, IIT Bombay)*

* A team of six students worked on the project which included making a application that can taken input of real and complex functions and executed the graph plot of the function in pixel version of C++

**KEY COURSES UNDERTAKEN**

* **CORE COURSES-** Fluid Mechanics, Solid Mechanics, Engineering Mechanics
* **NON-CORE COURSES-** Data Analysis and Interpretation, Basic Mathematics Courses (Calculus, Ordinary Differential Equations, Linear Algebra), Computer Programming and Utilization (C++), Micro and Macro Economics, Electricity and Magnetism, Chemistry
* **LABS-** Engineering Drawing, Fluid Mechanics lab, Solid Mechanics lab Chemistry lab, Physics lab, Mechanical workshop

**POSITIONS OF RESPONSIBILTY**

* **School Head Boy**, Keshavareddy residential school, Mamandur, Tirupati (2010-11)
* **Techfest :** Worked as a organiser in publicity division and working as Coordinator in Lecture series.
* **Department Representative**, Civil engineering Department IIT Bombay.(part of academic council IIT Bombay)
* Social Secretary of Hostel 9,IIT Bombay.

**EXTRA CURRICULAR ACTIVITIES**

**TECHNICAL**

* Designed and built a wireless, remote controlled racing bot which grabbed the second position in freshman bot race held in 2011.
* Successfully designed and fabricated a line following bot in the freshman year
* Won state wide prizes for presenting project on electricity from wastes in State wide Science fare in 8th standard.

**CULTURAL**

* Got Special mention in Double act event held in freshizza, a cultural event for freshmen.
* Started and running a regional community literary group 'Dhvani' specially for telugu people in IIT Bombay

**SPORTS**

* Was a member of NSO volleyball and participated in the summer camp of volleyball in IIT Bombay
* Won Certificates at regional level in Chess Tournaments.

**TECHNICAL SKILLS AND PROFICIENCIES**

* **SOFTWARES**- Adobe Photoshop, MS Office Package, AutoCad
* **LANGUAGES-** C, C++, HTML
* **OPERATING SYSTEMS-** Windows (9x/XP/Vista/7), Linux

**DECLARATION**

I hereby declare that the information furnished above is true to the best of my knowledge.