SCHOLASTIC ACHIEVEMENTS

* Got selected in entrance of **IIT.**
* Got selected in entrance of **JNV.**

**KEY COURSES UNDERTAKEN**

* **CORE COURSES-**Thermodynamics, Solid Mechanics, Engineering Mechanics
* **NON-CORE COURSES-** Data Analysis and Interpretation, Basic Mathematics courses (Calculus, Linear Algebra), Computer Programming and Utilization (C++), Micro and Macro Economics, Modern Physics .
* **LABS-** Engineering Drawing, Experiment and Measurement lab, Chemistry lab, Physics lab, Mechanical workshop

**POSITIONS OF RESPONSIBILITY**

* Worked with the team that **organized Techfest 2012**, Asia’s **largest technical festival** hosted annually **[2012]**
* Worked with the team that **organized Mood Indigo** 2011, Asia’s **largest cultural Festival** hosted by IIT Bombay annually. **[2011]**

**EXTRA CURRICULAR ACTIVITIES**

**TECHNICAL**

**INSTITUTE TECHNICAL SUMMER PROJECT (ITSP) [May-June 2012]**

* Designed and built a **RC Biplane** under **Institute Technical Summer Project (ITSP)**
* **Understood** and **implemented** aerodynamics principles for the flight of **Biplane**
* Exhibited the **Biplane** in **Institute Technical Exhibition** and **won accolades** for the same

**TECHONE [2011]**

* Designed and built a **wireless remote controlled car**
* **Learnt and implemented** the use of **L293D, LM7805 and RF circuits**

**CULTURAL AND SPORTS**

* Participated in **Sophie Crossy** **General Championship [2012]**
* Participated in **Inter hostel Hindi debate General Championship** **[2012]**

**INTERNSHIP**

* Interned at **HUSK POWER SYSTEMS** under T. Jayaraman(Director of SECO-INDIA).
* **F**abricated and calculated mathematical expression for rotameter.
* Fabricated and calculated mathematical expression for Permeability meter.
* Wrote a literature about gas flow valves.

**TECHNICAL SKILLS AND PROFICIENCIES**

**SOFTWARE**

* **SolidWorks: -** A widely used Computer Aided Designing (CAD) software.
* **MATLAB: -** A numerical analysis software.
* **Photoshop**: - An image editing software.
* **Microsoft Office**

**LANGUAGES- C, C++**

**OPERATING SYSTEMS-** Windows (XP/7/unix)

**HOBBIES AND INTERESTS**

* **Aeromodelling:-**interested in **making RC Planes**. Made a **RC Biplane** as **summer project** in **ITSP**.
* **Music :**- can play synthesizer
* **Ethical hacking**
* **Coding**