**Aman Chaudhary**

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Mumbai - 64.

Institute Details :

**Name of the Institute** Indian Institute of Technology Bombay

**Roll No.** 12D170006 **Department** Energy Science and Engineering

**Program** Dual Degree(B.Tech+M.Tech) **Batch** 2017

Personal Details:

**Date of Birth:** 22 September, 1994 **Sex** Male **Nationality** Indian

**Education**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Examination | Institute | **Board/ University** | **Year** | **CPI/%** |
|  | IIT Bombay | IIT Bombay | 2012-Autumn | 8.64/10 |
| XII | Patkar Varde College | Maharashtra | 2008 | 88.00% |
| X  **Specialization: IT** | Dr.S.Radhakrishnan.Vidyalaya (Malad) | SSC | 2006 | 94.36% |

**Scholastic Achievements and Awards**

* Cleared IIT-JEE 2012 with an **All India Rank of 1195**
* Cleared AIEEE 2012 with an **All India Rank of 784**
* Awarded the ‘**Essentia**’ Award by The Bombay Cambridge Gurukul for outstanding overall performance.(2010)

**Academic Projects Undertaken**

* **Vertical Maglev Turbine for Transport Sideways** (Guide : Prof.Cheten Solanki, IITB) (Ongoing)

Working on designing and fabricating The Maglev Turbine for electricity generation beside Rail Tracks

* **Visual Seating Arrangement Generator**  (Guide:Prof Abhiram Ranade, IITB) (2012)

A seating arrangement generator customized for IITB, including interfaces both for students and instructor, providing Visual Seating Arrangement. Made using Simplecpp .

* **Green Roofs** (Guide:Mrs.Sonali Laud,Dr.S.R.V) (2008-09)

Redesigned the Green Roofs concept for the Indian environment and Ecoomics.

**Positions of Responsibility**

* Part of the **Student Council** in Dr.S.Radhakrishnan.Vidyalaya. **(2009)**
* **Organiser –Mood Indigo 2012**

**ExtraCurricular Activities**

* Dancing
* Sports – Stood 2nd in Archery, in the under-14 category at the District Level
* Completed the Scouts course up to Standard 10th
* Reading about Entrepreneurial ventures, innovative business ideas
* Mentored over 30 high school students for competitive exam
* Participated in several Environmental Camps, treks

**Skills**

* Software Packages:, C/C++, MS Office, HTML5,CSS, AutoCad
* Machines: Lathe, Shaping, Drilling

**Courses Undertaken (Upto May 2012)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Calculus  (MA105) | Chemistry  (CH103) | Economics  (HS101) | Computer Programming  (CS101) | |
| Linear Algebra  (MA106) | Fundamentals of Energy Engineering (EN110) | Ordinary Differential Equations  ( MA108) | Data Interpetation and Analysis  (IC102) | |
| Electromagnetism  (PH103) | Chemistry Lab | Engineering Drawing | Physics Lab | Workshop Lab |