

KRATAGYA AHIRWAR
MUMBAI,

343, Hostel 3
INDIAN INSTITUTE OF TECHNOLOGY

MUMBAI (MH) 400076
INDIA

Bachelor of Technology

E-mail

kratagya14@gmail.com
110040081@iitb.ac.in

Third Year Undergraduate (CIVIL)
Indian Institute of Technology (IIT) MUMBAI,
INDIA

Ph: +91-96198533902

Scholastic Achievements

- Secured 4th position in merit list of class 8th.
- Scored 79.6% marks (PCM) in class 12.
- Qualified **IIT-JEE** in the year 2011
- Awarded scholarship from MP Government because of distinctive performance in Sanskrit subject in class 8th.
- **CPI** till 4th semester is 6.07

Projects and Interns

1. **Game crossword puzzle:**

- Conceptualized and created a game in which we have to fill words in horizontal grid and vertical grid with the help of given hints, involving advanced algorithms, design and graphics using c++ coding.
- (Guide: Prof D.B. Phatak - CSE department, IIT Bombay) (2011)

2. **Traffic Light Controlling System:**

The corresponding circuit automatically controls the traffic signal during the day as well as nights. In this system there are one 555 timer and one 74160 synchronous 4 bit counter, which is controlling whole device. Along with there are some electronic equipment like 7404, 7408, 7411 gate, capacitor, resistor, LED (yellow, green, red) etc.

(Guide: Prof. Siddharth Dutta Gupta-Electrical Engineering department ,IIT Bombay)(2012)

3. Made a **website** which shows every information and images of the 7 wonders of the world by creating links and hyperlinks using HTML language.(2009)
4. **Fax Machine :** Made a model in class 8th showing the basic principle of how fax machine works with the help of simple circuits.
5. **Internship at Plancess:**

Organised and created a wide variety of study materials for the students.
Technical labs
<ul style="list-style-type: none"> • Mechanical workshop : Learnt about and performed various mechanical techniques like welding, Fitting , shaping, lathing etc. • Engineering drawing : Studied various aspects and views of engineering drawing. • Solid mechanics : Studied various types of stresses and strain acting on different bodies. • Fluid mechanics : Learnt about different types of fluid mechanisms, flow measuring techniques. • Chemistry and Physics Lab
Courses undertaken
<p>Electrostatics and Magnetism, Computer programming and utilization, Data analysis and interpretation, Introduction to Electrical and Electronic circuits, Calculus, Differential equation, Linear algebra, Solid mechanics, Fluid mechanics.</p> <p>Also opted for extra courses: Numerical methods in civil engineering (HONOURS)</p>
Programming Skills
<ul style="list-style-type: none"> • Programming languages : C++, HTML. • Software proficiency : MS office, Photoshop. • Operating system : Windows, Ubuntu
Post of Responsibility
<ol style="list-style-type: none"> 1. Worked as an organizer in the Horizons group of Mood Indigo 2011(India's largest cultural festival) 2. Worked as an organizer in Techfest 2012(Asia's largest science and exhibitions festival). 3.Currently working as Coordinator for Techfest 2013.
Extra curricula's and Credentials
<ul style="list-style-type: none"> •Done a one month Basic Mountaineering Course(BMC) from Atal Bihari Vajpayee Institute of Mountaineering and Allied Sports(ABVIMAS), Manali, Himachal Pradesh. (june-july 2012) •Was a member of the Best Rope (Group) during mountaineering course in manali. • Member of National Cadet Corps (NCC) and attended a 10 days camp of the same. (2011) •Made Limca and Guinness world record (most people solving rubik's cube at a time) by solving 3x3 rubik's cube. •Helped people suffering from cancer by helping Global Cancer Concern group in collecting funds from people.

Declaration

I hereby declare that all the information given above is true to the best of my knowledge.
Kratagya Ahirwar