



**Nikhil Shukla**  
**Civil Engineering**  
**Indian Institute of Technology, Bombay**  
**Specialization: none**

**110040033**  
**UG Second Year**  
**Male**  
**DOB: 13-08-1993**

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	7.63
Intermediate/+2	CBSE	Maheshwari Public School	2011	94.40
Matriculation	CBSE	Maheshwari Public School	2009	92.17

### Position of Leadership & Responsibility

- **Coordinator in Mood Indigo** [Ongoing]
  - Currently working as Coordinator in MI (in horizons)
  - Leading a team of 15 organisers and managing the organisation of **Carnival** in Mood Indigo
  - Contacting Artist all over the world to invite them in Mood Indigo
- **Current Hostel Photography and Fine Arts Secretary** [Ongoing]
  - Current year Hostel Photography and Fine Arts Secretary
  - Encouraging interest among students towards Photography and Fine Arts by conducting **workshops and intras** of various events related to Photography and Fine Arts
- **Organiser in Mood Indigo(Asia's Largest Cultural Fest)** [2011]
  - Worked as organiser in MI last year in Horizons and Marketing
  - Organised Vogue, fashion event of Mood Indigo
- **National Social Service (NSS)** [2011]
  - Was part Events group in NSS
  - Collected around 2000 kg clothes all over campus and donated those clothes to underprivileged children and women through different NGOs
  - Participated in other NSS activities like blog writing, drama on 26 January
- **Organiser in Techfest (Asia's Largest Cultural Fest)** [2011]
  - Organised Junkyard wars one of the most Starmarked event in Techfest

### Extra-curricular Activities

- Played freshie Cricket GC stood 2<sup>nd</sup> in the tournament
- Was a member of Production team in **PAF**(Performance Arts Festivals)
- Played Intra Hostel Football League, stood 1<sup>st</sup> in the league
- Stood 3<sup>rd</sup> in relay race 4\*100 in school
- Played Intra Hostel Cricket League stood 3<sup>rd</sup> in the league
- Was a part of **Desh-raag**: - an **NGO** aim to resurrect the feeling of patriotism and national pride in them by showing the vast variety of musical influence and range of talent that exists in the country. Was in the public relation team of Desh Raag, contacted more than **20 journalist** for a conference regarding publicity of the event

### Scholastic Achievements

- Secured **1036 AIR** in IIT-JEE 2011 exam (being in top 0.2% )
- Secured **3913 AIR** in AIEEE 2011 exam
- Secured **1<sup>st</sup> rank** in school (science) in CBSE XII Boards Examination

- Cleared **KVPY** first round in year 2011 organised by Department of Science and Technology, Government of India
- Pursuing **Minor** degree in **Energy Engineering, Introduction to Renewable Technologies Resources**

## Projects

- **IIT Bombay Transportation Management**  
Professor: Tom Mathew [July 2012-ongoing]
  - Analysis of the current status of **IIT Bombay Transportation Network**
  - Planning of routes of around **30 buses** for around **8000 faculty members and students**
  - Design a new plan for **Bus-Bay** to manage traffic problems in campus
  - Designing of a new **Footpath** to widen Main Gate road
  - Collected data for usage of buses during peak hours
- **Computer Science Project(C++)**  
Professor: D. B. Phatak [august 2011-october 2011]
  - Designed and Integrated C++ program to develop a memory game using **EZ Windows**
- **Traffic Light Project**  
Professor: Siddhartha Duttagupta [July 2012-ongoing]
  - Aim to develop a single TRAFFIC-LIGHT signal which operates on red, amber and green LEDs in a correct sequence
  - Based on a **555-astable circuit** which provide clock pulses for **4017 counter** which has ten outputs(Q-0 to Q-9) which becomes high in turn as the clock-pulse are received

## Technical Skills

- **Programming Language**
  - C, C++, HTML
- **Operating System**
  - Windows, Linux (ubuntu)
- **Software Skills**
  - AutoCAD, Adobe Photoshop, Sony Vegas

## Courses Undertaken

- **Civil courses**  
Engineering Mechanics, Solid Mechanics, Fluid Mechanics, Data Interpretation and Analysis
- **Mathematic courses**  
Linear Algebra, Calculus, Differential Equation
- **Introduction to Energy Engineering and Renewable resources**