



Shievani Upadhyay  
Civil Engineering  
Indian Institute of Technology  
Bombay

140040015  
UG Second Year (B.Tech.)  
Female  
DOB: 18/01/1997

Examination	University	Institute	Year	CPI/%
Graduation	IIT Bombay	IIT Bombay	2015	7.54
Intermediate / +2	Maharashtra HSC	SRP Junior College	2014	92.46
Matriculation	CBSE	Atomic Energy Central School 4	2012	99

**HOME PAGE:** <http://home.iitb.ac.in/~shievani>

## ACADEMIC ACHIEVEMENTS AND SCHOLARSHIPS

### Credentials

- ◇ **All India Rank 1410** in JEE Advanced, 2014 among 150,000 candidates
- ◇ **All India Rank 755 (State Rank 87)** in JEE Main, 2013 Paper I (B.Tech) among 1.7 million candidates
- ◇ Received a letter of appreciation from the Govt of Maharashtra for being in **top 1 % of HSC board at 12th Board examination**
- ◇ Secured an **All India Rank of 1087** in the **Kishore Vaigyanik Protsahan Yojana (KVPY) SX stream 2014**
- ◇ Pursuing a **Minor in Industrial Design Centre**.

## POSITIONS OF RESPONSIBILITY

**Institute Cultural Design Convener and Coordinator** 2015-16  
*Design Club* IIT Bombay

- ◇ Head of Design and Publicity of SilverScreen-The Film Club of IIT Bombay
- ◇ Conducting design related workshops and educating people about graphic design and its possibilities

**Coordinator** 2015-16  
*Mood Indigo* IIT Bombay

- ◇ Designing and conceptualising the Mood Indigo 2015 Android app and Main website
- ◇ Pioneering the concept of stage ambiance for 5 major stages
- ◇ Planning the ambiance of a 550 acre campus and the design for a 100ft x 20ft wall
- ◇ Negotiating and dealing with over 30 international & national artists for ambiance

**Technical Secretary** 2014-15  
*Hostel 15* IIT Bombay

- ◇ Managing the tech related activities and inter hostel competitions for the hostel and maintaining welfare in the hostel as a council member.

**Organiser** 2014-15  
*Mood Indigo* IIT Bombay

- ◇ Designed, planned & executed a 20x100 ft in a period of 10 days with a team of organizers
- ◇ Worked in a team of about 100 volunteers for execution of ambiance of 550 acre campus

**Art & Design Manager** 2014-15  
*Hostel 15* IIT Bombay

- ◇ Ideated and executed the painting of a 16x12 ft leading around 50 enthusiastic hostel residents

## KEY PROJECTS

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### **Proof of Concept : An Entrepreneurship project**

Autumn 2015

*Senior Project Manager: Dr. Aparna Rao, Centre for Entrepreneurship*

*IIT Bombay*

- ◇ Connecting 1000 plus smart phones over a single network and controlling live music feed in each of them
- ◇ Designing and conceptualising Android app via which users will be interact with the network and Website for the project
- ◇ Project to be deployed this October live in a music performance attended by almost 1800 people

### **Multiplayer Monopoly**

Spring 2014

*Guide: Prof. Kavi Arya*

*IIT Bombay*

- ◇ Developed a desktop application for multiplayer monopoly using **C++ and QT Creator**

### **Typography and Branding**

Autumn 2015

*Prof. Mandar Rane*

*IIT Bombay*

- ◇ Pursuing a graphic design project studying typography and branding

### **Non Technical Summer School-Cognitive Neuropsychology**

Summer 2015

*Prof. Azizuddin Khan*

*IIT Bombay*

- ◇ Studied Neuropsychology under the Humanities and Social Science Department

### **Line Follower**

Autumn 2014

*Electronics Club*

*IIT Bombay*

- ◇ Made an autonomous bot which transverse a line marked path and crosses obstacles using **Arduino**
- ◇ Stood **second** among all the 50 teams who did this project

## KEY COURSES UNDERTAKEN

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### ◇ **Civil Engineering**

Solid Mechanics\*, Fluid Mechanics\*, Solid Mechanics Lab\*, Fluid Mechanics Lab\*, Differential Equations 2\*\*,

### ◇ **Industrial Design Centre**

Introduction to Ergonomics\*

### ◇ **Miscellaneous**

Economics\*, Introduction to Electrical and Electronic Circuits\*, Proof of Concept under the Centre of Entrepreneurship\*, Electricity and Magnetism, Quantum Physics and Applications, Engineering Mechanics, Chemistry, Biology

(\*to be completed by Dec'15)

(\*\*to be completed by Apr'16)

## SOFTWARE AND TECHNICAL SKILLS

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### ◇ **Programming:** C/C++, HTML, QT Creator

### ◇ **Graphic Design:** Adobe Photoshop, Adobe Lightroom, Adobe Illustrator, Blender (3D Modelling and Animation)

### ◇ **Miscellaneous:** L<sup>A</sup>T<sub>E</sub>X, AutoCAD, Solid Works

## INTERESTS AND ACHIEVEMENTS

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### ◇ **Debating:** Participated in national debate organised by DA-IICT Gandhinagar and broke till quarters round

### ◇ **Photography:** Shot various cultural events in the institute; Photographs exhibited in Kaladarshan-Annual Arts and Photography Festival of IIT Bombay

### ◇ **Athletics:** An active member of the athletic team of IIT Bombay

### ◇ **Aeromodelling:** Made a remote controlled plane guided by the Aeromodelling

### ◇ **Robotics Club:** Made a remote controlled bot capable of tackling rough terrains and slopes as part of XLR8