



Amit Yadav  
Electrical Engineering  
Indian Institute of Technology, Bombay

09007018  
UG Third Year (B.Tech.)  
Male  
DOB: 17 Jan 1990

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2011	8.50
Intermediate/+2	CBSE	The Army Public School	2008	92.80
Matriculation	CBSE	The Army Public School	2006	95.00

## POSITION OF RESPONSIBILITY

*Joint Secretary, Electrical Engineering Students Association*

*[ Apr 2011 – Present ]*

- Coordinated in **planning and organising department level events** such as 'Trek', 'Picnic', 'Freshmen Welcome', 'Traditional Day' etc
- Assisting **a team of 12 members** to **organize Department Fest – 'Aagomani'**
- Motivated junior students** to participate in cultural activities of the department
- Involved in **crowd management** and **logistics supply**

*Coordinator, Techfest 2011*

*[ Dec 2009 - Jan 2010 ]*

- Supervised the smooth **conduct of the 'Robowars'** event in Techfest
- Widely **publicized** events of Techfest in various colleges of Pune and Mumbai

## COMPUTER SKILLS

- Programming languages - Visual C++, **MATLAB**, **HTML**, IVERILOG, LaTeX
- Simulation/Analysis - **SimuLink**, NGSPICE, MAGIC
- Other Software Packages - WinAVR, Adobe Photoshop, **Adobe AfterEffects**, MS Office

## RELEVANT COURSES

- Marketing Management**
- Project Management**
- Human Resource Management
- Reading Literature
- Data Analysis and Interpretation**
- Computer Programming & Utilization**
- Engineering Graphics & Drawing
- Introduction to Economics

## SCHOLASTIC ACHIEVEMENTS

- Achieved All India Rank of **557** in **IIT- JEE 2009**
- Secured a State Rank **35** and **98.12 percentile** in the **7th National Science Olympiad (NSO)**
- Was among **top 0.2%** students in **All India Engineering Entrance Examination (AIEEE) 2009**
- Received **EESA Scholarship** for excellence in academic education during schooling

## KEY ACADEMIC PROJECTS

### *Designed Wireless Mesh Network using Zigbee modules*

[ Jun 2011 - Jul 2011 ]

- Created a **wireless network** between **two Zigbee modules** using API mode of operation
- **Tested the network** using microcontrollers
- **Analysed, Designed and tested** various **meshes of sensors** to maximize **efficiency**

### *Designed a mini computer using Harvard Architecture*

[ Mar 2011 - Apr 2011 ]

- Studied **Harvard Architecture**
- Designed a **4-bit 'mini computer'** based on Harvard Architecture using the basic Logic gates
- Programmed it using '**Verilog Hardware Description Language**' and tested it on a **CPLD chip**

### *Robopolo – Water Racing Bot*

[ Nov 2010 - Dec 2010 ]

- Built a **Wireless Bot**, using **RF communication**, that raced on water and could launch a ball into a goal multiple times
- Built an **ingenious design** for launcher

### *Market analysis of Tata Motors, Management Project*

[ Oct 2010 - Nov 2010 ]

*Guide : Prof. Deepak Sharma*

- Studied and **Analysed** the **current market of Tata Motors** using tools like **SWOT analysis, segmentation** and **PESTEL analysis**
- Critically suggested ways to improve their market share

## AWARDS

- TV program *Khel Khel Mein Badlo Duniya* [ Jan 2005 ]
  - Won the **first prize** in the '**play cum quiz**' show organized by **Petroleum Conservation Research Association**, Ministry of India

## EXTRA CURRICULAR

### *Sports*

- **National Sports Organization** - Basketball [ 2009 – 2010 ]
- Part of **Hostel GC Basketball team** [ autumn 2011 ]
- Highly **adventurous** – love **trekking** and visiting new places
- Actively participate in **Table Tennis, badminton, Lawn Tennis**
- Other interests – Inline Skating, Gym

### *Cultural*

- **Won 3rd position** in Intra-hostel **Creative Writing** competition
- Actively participate in **English word games, Essay writing, crosswords**
- Other interests – **Video and Photo editing**