



Pranay Kumar Myana
Electrical Engineering
Indian Institute of Technology, Bombay

09007034
UG Third Year (B.Tech.)
Male
DOB: 03/02/1992

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2011	8.76
Intermediate/+2	Intermediate Board, AP	Narayana Junior College	2009	95.50
Matriculation	CBSE	Jawahar Navodaya Vidyalaya	2007	95.20

SCHOLASTIC ACHIEVEMENTS

- All India Rank **08** in IITJEE 2009 out of 400000+ students
- All India Rank **48** in AIEEE 2009 out of 800000+ students
- State Rank **194** in EAMCET 2009(State Level Engineering Examination), Andhra Pradesh
- Received **GOLD MEDAL** in Orientation Cum Selection Camp, *Chemistry Olympiad* 2009
- Amongst the **top 1%** in *National Physics Olympiad* 2009
- Selected for *Satish Dhawan camp* held at ISRO for securing **district 1st** in 10th class CBSE
- All India Rank **105** in VIT (Vellore Institute of Technology) Entrance Exam

AWARDS & SCHOLARSHIPS

- **CBSE scholarship** for securing All India Rank 48 in AIEEE 2009
- **Best Parliamentarian** award in *Youth Parliament* held at school
- **Pratibha Award** for *Excellence in Academics* in 10th class
- **Award of Excellence** in *Mathematics & English* for being amongst the **top 1%** in India (CBSE 10th class)

KEY PROJECTS & INTERNSHIPS UNDERTAKEN

- **Internship at EDUPLAN Ltd, 2011**
Topic: Content Development for intermediate students to help them in their preparation towards competitive exams
 - Prepared reference material for the students in *Mathematics, Physics & Chemistry*
- **Unique Identity Project (C++ programming), 2009 Guide: Prof. Deepak B Phatak**
 - Member of 80 member team working on the *Institute project: Finger print detection machine & its applications* programming code and its applications
 - I was involved in the task of *practical application* of the project and successfully used it to find out the *Attendance* of a class
- **Change Vending Machine (Digital Systems), 2011 Guide: Prof. Udayan Ganguly**
 - Member of 3 member team working on designing a machine that would display the *optimum way* of dispensing the *balance amount* in all kinds of cash transactions
 - I worked on the whole *hardware part*: finding proper assembly of the chips (shift registers, adders etc) that would satisfy the *required logic* and *optimizing* it

TECHNICAL SKILLS

<i>Programming Skills</i>	C, C++, HTML, Verilog, L ^A T _E X (T _E X)
<i>Softwares</i>	Matlab, Scilab, Eagle, Adobe Photoshop, LtSpice
<i>Operating Systems</i>	Microsoft Windows, Ubuntu, Kubuntu etc.

POSITIONS OF RESPONSIBILITY

- **Coordinator** of *Workshops* in TECHFEST 2011. (Asia's largest science and technical festival)
- **Organizer** of *Parameters & Dimensions* in TECHFEST 2010
- Served as **School Leader** at school for the year 2006-07

EXTRA CURRICULAR ACTIVITIES

- Secured **A & B Certificates** in *National Cadet Corps* in Army division
- Participated very actively in **Youth Parliament** held at school
- Won many *awards* in events like **Elocution, Quizzing, Essay writing**
- Represented the school at *Regional Level* in the **Table Tennis championship**
- Member of **Krittika**, the *Astronomy club* at IIT Bombay

AREAS OF INTEREST

- **Electronics & communications, Microelectronics**
 - Attended many workshops (*Eagle software etc*) associated with these fields to gain practical experience apart from the learning experience through the curriculum
- **Software Development, Artificial Intelligence**
 - Took up *Minor* in *Computer Science* to expand my knowledge and would like to do some projects in these areas
- **Astronomy**
 - Took up the course *Introduction to Indian Astronomy* as an Institute elective
 - Actively took part in *Observatory sessions & Field trips* conducted by the Astronomy club in the institute
- **3D Drawings & Animation**
 - Developed basic knowledge of using 3D animation softwares like *Anim8or, Blender*

COURSES UNDERTAKEN

* *courses to be completed by Summer 2012.*

<i>Electrical Engg.</i>	Intro' to Basic Electrical Engg., Intro' to Electronics, Electromagnetic Waves, Electronic Devices, Signals & Systems, Communication Systems, Analog Circuits, Network Theory, Power electronics, Digital Systems, Control Systems* Digital Signal Processing*, Digital Communications*, Power Systems*
<i>Computer Science</i>	C++, Discrete structures, Data Structures, Operating Systems
<i>Basic Sciences</i>	Calculus, Linear Algebra, Differential Eq'ns, Complex Analysis, Electricity & Magnetism 2
<i>Other Courses</i>	Instruments & Measurement lab, Mechanical Workshop, Psychology, Economics, Data Analysis & Interpretation, Intro' to Indian Astronomy, Engineering Drawing, Probability & Random Processes