



M.V.Ravindra Babu
Electrical Engineering
Indian Institute of Technology, Bombay

100070053
UG Second Year
Male
DOB: 27-12-1992

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2011	9.61
Intermediate/+2	Board of Intermediate Education,A.P	Narayana Junior College	2010	95.10
Matriculation	Board of Secondary Education,A.P	Sri Krishnaveni Talent School	2008	94.67

Academic Achievements :

- Secured All India Rank **14** in IITJEE 2010 (over 4.7 lakh students), All India Rank **8** in AIEEE 2010 (B.Tech), All India Rank **54** in AIEEE (B.Arch), All India Rank **53** in ISAT 2010, State Rank **47** in EAMCET 2010 (an entrance exam for engineering in Andhra Pradesh for 2 lakh students)
- Selected for the **National Physics Olympiad Camp** in the year 2010 and was one among the **35** students selected all over India for Orientation Cum Selection Camp (OCSC) for the International Physics Olympiad (IPhO-2010) conducted by HBCSE at Mumbai and was awarded a **gold medal** and a Special Merit Certificate respectively
- Recipient of **CBSE Merit Scholarship** for the academic year 2010 – 2011 which will be renewed every year based on academic performance
- Secured **12th** rank in National Science Olympiad conducted by Science Olympiad Foundation (SOF) in the year 2010
- Was awarded a cash prize of **Rs.10,000/-** in the year 2008 and **Rs.3,000/-** in the year 2010 for securing **1st** and **4th** rank respectively at district level in the Talent Test conducted by SuperWhizz
Bagged many prizes in Talent Tests conducted at District and State level

Key Projects :

- Pocket Tanks :** *(Prof. D B Phatak , IIT Bombay, 2010)*
Designed the popular Pocket Tanks game from scratch in C++ using EzWindows as a GUI builder and working in a team of 13. My part was to design weapons and I created a fully working sample game (with scoring) to test the weapons.
- Optical mouse :** *(Prof. J. Vasi, IIT Bombay, 2011)*
Optical mouse hack implementation to make a handheld scanner. Also wrote a 10 page term paper describing its internal working mechanism in detail working in a team of 3
- TrackMania :** *(Racing event for Freshmen, IIT Bombay, 2010)*
Built a manually controlled wireless car for the racing event of freshmen that could traverse the given terrain in a team of 4
- Aagomani Webdesign :** *(Electrical Department festival, 2012)*

One of the designers of the Aagomani, electrical department festival, web page. Created user friendly website using AJAX (jQuery) and designed some animations using jQuery

Technical Skills :

- **Programming Languages :** C/C++. Basics in Java and Python
- **Microcontroller Programming :** Arduino
- **Web Development :** HTML, CSS, Javascript, jQuery, JSON, PHP, AJAX, MYSQL, HTML5, CSS3
- **Software Packages :** EAGLE, SPICE, Microsoft Office, Dreamweaver, Wamp. Basics of Photoshop, MATLAB, LaTeX
- **Platforms:** Windows, Ubuntu, Debian. Can write basic Bash scripts in Linux

Positions of Responsibility :

- **Computer Secretary, Hostel 6, IIT Bombay :** *(academic year 2011-2012)*
Working as the Computer Secretary for Hostel 6 in IIT Bombay. Responsible for maintaining Systems in hostel computer room and addressing any LAN problems in the hostel
- **Coordinator, Techfest, IIT Bombay :** *(January 2012)*
Working as a Coordinator for the competition **Wall-E**, to be held in Techfest-2012, the annual Technical Festival of IIT Bombay
- **Tech Mentor, STAB, IIT Bombay :** *(2011)*
Involved in mentoring over 4 teams of freshmen and assisting them in technical activities at IIT Bombay

Courses taken :

(till December 2011)

- **Department Courses :** Introduction to Electronics, Electronic Devices and Circuits, Network Theory, A First Course in Optimization
- **Computer Science :** Computer programming and utilization, Discrete Structures
- **Mathematics :** Calculus, Complex Analysis, Differential Equations, Linear Algebra
- **Other Courses :** Electricity and Magnetism, Data Analysis and Interpretation, Engineering Graphics and Drawing, Experimentation and Measurements lab

Declaration :

I hereby declare that all the above information is correct to the best of my knowledge as of January 2012.