



Gajarla Sriharsha  
Electrical Engineering  
Indian Institute of Technology, Bombay

100070041  
UG Second Year  
Male  
DOB: 25-09-1992

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2011	7.48
Intermediate/+2	Vijaya Ratna junior college	Vijaya Ratna junior college	2010	95.10
Matriculation	Sri Gurudatta high school	Sri Gurudatta high school	2008	90.66

### **Scholastic Achievements:**

- Secured an All India rank of **686** in open category and **80<sup>th</sup>** in OBC category in IIT-JEE 2010.
- Secured an All India rank of **1546** and **64<sup>th</sup>** in OBC category in AIEEE 2010.
- Passed the Regional Maths Olympiad 2009 and got selected for the second round which is Indian National Maths Olympiad.
- Secured **5<sup>th</sup>** in state level Maths Olympiad conducted by Andhra Pradesh Association of Mathematics Teachers (APAMT) in the academic year 2007-08.
- Secured **87<sup>th</sup>** rank in the National level FIITJEE talent Reward Examination in Dec'07.

### **Technical Projects:**

- **Track Mania:** *(Racing event for Freshmen, IIT Bombay)*  
Built a manually controlled wireless car for the racing event that could traverse the given terrain.
- **Line Follower:** *(Institute wide Event, IIT Bombay)*
  - o Built an autonomous robot which traverses a given track using Arduino
  - o Was one among the 10 teams qualified for the finals among over 100 participating teams in the event.
- **Nexus:**  
Currently working on designing and construction of an autonomous maze solving bot for Nexus, a competition in techfest-2012, that can transport two blocks to their destinations by solving a 5x5 maze, using Atmega16 micro-controller

### **Course Projects:**

- **Gaming interface for the game Monopoly:** *(Prof. D B Phatak , IIT Bombay)*
  - o Created a Graphical User Interface (GUI) for the game monopoly using EzWindows in C++ for Computer Programming course.
- **Electronics Project:** *(Prof. J. Vasi, IIT Bombay)*  
Tore down a mobile phone and studied the functioning of various components of the cell phone.

### **Technical Proficiency:**

- **Programming Languages** : C, C++, JAVA
- **Web Development** : HTML, CSS.

- **MS Office** : Word, Excel, Power point.

### **Extra Curricular Activities:**

- **Tennis:** Completed a course under the National Sports Organization (NSO) in Lawn tennis.
- **Dance:** Interested in dance. Represented my hostel group in freshizza, inter hostel dance competition.
- Represented my hostel team in inter hostel kho kho competition for freshers.
- **Violin:** I play violin.

### **Position of responsibility:**

- **Organiser, Techfest IIT Bombay:**  
Worked as an Organiser in Techfest-2011 in the Autobots department , one of the departments that conduct competitions.
- **Coordinator, Techfest IIT Bombay:**  
Worked as a Coordinator for the competitions in Techfest-2012, the annual Technical Festival of IIT Bombay.
- **Mentor, Educell Organisation:**  
Volunteered as a student mentor and guided JEE aspirants for their preparation for the Examination.

### **Key Academic Courses Taken:**

(till dec 2011)

#### **Department Courses**

Introduction to Electrical systems  
Introduction to Electronics  
Electronic Devices and Circuits  
Network Theory  
Analog circuits  
Digital circuits  
Signals and Signals  
Electrical machines and Power electronics

#### **Others**

Computer programming and utilisation  
Calculus  
Linear Algebra  
Differential Equations  
Electricity and Magnetism  
Complex Analysis  
Classical Mechanics  
Introduction to quantum mechanics