



**Mynepally Siva Chaitanya**  
**Electrical Engineering**  
**Indian Institute of Technology, Bombay**  
**Specialization: None**

**100070038**  
**UG Third Year (B.Tech.)**  
**Male**  
**DOB: 19/10/1992**

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	8.14
Intermediate/+2	BIE Andhra Pradesh	Narayana Junior College	2010	93.50
Matriculation	SSC Andhra Pradesh	Brilliant Grammar High School	2008	92.67

## SCHOLASTIC ACHEIVEMENTS

- Secured **ALL INDIA RANK 15** in **IIT-JEE, 2010** given by about **5,00,000** candidates all over the country (Highest Score in Mathematics -137).
- Secured **ALL INDIA RANK 42** in **AIEEE, 2010** given by about **12,00,000** candidates all over the country.
- Secured **ALL INDIA RANK 22** in **ISAT, 2010** conducted by **Indian Institute of Space Science and Technology**.
- Secured the **7<sup>th</sup> highest mark** in **EAMCET, 2010** given by about **2,50,000** candidates.
- Placed in the **Top 1%** of the country in **Physics** and **Chemistry** Olympiads conducted by IAPT and IACT respectively.
- Secured **ALL INDIA RANK 22** in **VITEEE**, conducted by Vellore Institute of Technology.
- Secured **High Distinction** in **Australian National Chemistry Olympiad (2007)** conducted by **Royal Australian Chemical Society**.

## AWARDS AND DISTINCTIONS

- Awarded **CBSE Merit Scholarship** for Professional Studies .
- Awarded **Gold Medal** by the **Chief Minister** of Andhra Pradesh for Academic Excellence.
- Awarded **Meritorious Scholarship** by State Bank Of India for Academic Excellence in Competitive Examinations.

## PROJECTS UNDERTAKEN

- Research Project**  
Instructor: **Prof. Alok Shukla**
  - Currently working under Prof. Alok Shukla on a Research Project involving Optical Properties of C60 Molecules.
- Course Project**  
Instructor: **Prof. M. B. Patil**
  - Simulated **Conway's Game of Life** using an **FPGA** board
- Term Paper**  
Instructor: **Prof. Juser M. Vasi**
  - Opened up a Mobile Phone as part of Term Paper (Team of 3).
  - Studied the working and functionalities of the major components inside the mobile and gave a description of the functioning, within the course limitations.
- Gaming Interface in C++**  
Instructor: **Prof. D. B. Phatak**
  - Attempted to duplicate a puzzle solving game **Bloxorz** using EzWindows, a graphical API, along with 10 other students as part of Course Project.

- **Line Follower**
  - Completed a Basic **Line Follower** Bot under the guidance of **The Electronics Club, IIT Bombay**.

## POSITIONS OF RESPONSIBILITY

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- **TECH-MENTOR** for a group of about **25 Freshmen**, to guide them through various competitions at the institute level .
- Employed at **Quality Education** for **All** :
  - Worked as a **Guide** and **Mentor** to **IIT-JEE** aspirants
  - Spoke at **Seminars** in various cities to promote **Quality Education** as a part of **QEA**
- **Co-Ordinator, Techfest 2012**: Coordinator in the Lecture Series Department in Techfest , **Asia's Largest Science, Technology and Technical** festival.

## SKILLS

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- **OPERATING SYSTEMS** : Microsoft Windows, Linux
- **PROGRAMMING LANGUAGES**: C++, C, HTML, CSS
- **SOFTWARE SKILLS**: MATLAB, Eagle

## KEY COURSES UNDERTAKEN

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### CORE COURSES

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|-------------------------------------|-------------------------|
| • Physics of Nanoelectronic Devices | • Communication Systems |
| • Microprocessors                   | • Analog Circuits       |
| • A First Course in Optimization    | • Digital Systems       |

### OTHER COURSES

- |  |  |
|--|--|
| • An Introduction to Quantum Mechanics | • Thermal and Statistical Physics      |
| • Probability and Random Processes     | • Linear Algebra                       |
| • Complex Analysis                     | • Economics                            |
| • Real Analysis                        | • Computer Programming and Utilization |

## OTHER CREDENTIALS

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- Awarded 'B' certificate for completing an yearlong course in NCC.
- Amateur in **Photography**, Photo and Video Editing and playing the **Guitar**.
- Proficient at **Cricket, Table Tennis, Tennis** and **Badminton**. Hostel Team member for Badminton
- Was an active member of the **KIDS FOR TIGERS** campaign organised by **SANCTUARY CUB** throughout schooling.
- **Swarm Robotics, Aagomani**: Certificate of Achievement for completing the workshop on Swarm Robotics conducted in **Aagomani, 2011, Technical festival of Department of Electrical Engineering, IIT Bombay**.

## DECLARATION

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I hereby declare that all the information is true to the best of my knowledge.



