



Sreeta Gorrrpaty
Civil Engineering
Indian Institute of Technology, Bombay

09004074
UG Third Year (B.Tech.)
Female
DOB: 16-10-1991

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	9.07

SCHOLASTIC ACHIEVEMENTS AND AWARDS

- Department Rank **4** among more than **100** students of Civil Engineering Department [2011]
- Awarded **Narotam Seksharia** Merit cum Means scholarship for undergraduate studies [2011]
- **First** prize in essay writing competition held by **Indian Association of Structural Engineers** [2011]
- Awarded **Merit cum Means** scholarship by **IIT Bombay** [2011]
- Received a **gold medal** in National Science Olympiad conducted [2006]
- Among the **top .01%** in **Mathematics** in the CBSE board exam [2007]
- Received **A.S Rao** award for excellence in sciences. Secured **6th** position in the state [2006]
- Secured **1090** AIR in **IIT-JEE** and AIR of **707** in **AIEEE** entrance exam [2009]

TECHNICAL REPRESENTATIVE POSITIONS

- **Core group member** of the Institute Technical Body, **TechniC-** responsible for organising and implementing various ideas, projects, competitions and exhibitions in the institute [2010]
- **Institute Tech mentor-** responsible for enthusing and helping out freshmen, in the field of tech

KEY ACADEMIC PROJECTS AND INTERNS

- **Undegraduate Research Award- Mechanical modelling of differentiating cell:** [Aug 2011-Dec 2011]
 - Successfully modelled the differentiation phenomenon of cells using structural elements like springs
Guide : **Mandar M Inamdar**
- **Internship - N R Consultants :** [June 2011]
 - Analysed **structural** and architectural Designs and **estimation** of various structures
- **MIT Media labs - Design and Innovation Workshop :** [Jan 2011]
 - Successfully designed a prototype for transmitting motion between two users
- **Technovation – Under Water glider :** [2010-2011]
 - Worked on the structural aspect of the glider, such that it uses it's buoyancy for its propulsion (under the funding of Institute)
Guide: **Hemendra Arya**
- **Mini National Unique Identification project [NUID] :** [2009]
 - A team of 80 students worked on the institute project of developing Finger Print Identification Machine Programming code
Guide: **Deepak B Phatak**
- Prepared a report on **Quasicrystals** and their properties
Guide: **P P Singh**[2011]
- Prepared a report on the timeline of **Lowest temperatures** attained
Guide: **A V Mahajan**[2011]
- Pursuing a **Minor** degree in **physics** department and an **Honour** degree in Civil department

COMPUTER LITERACY C++, MATLAB , SCILAB, MS Office, Arduino, HTML, CAD, Audio Processing, Adobe Photoshop, Eagle

EXTRACURRICULAR ACTIVITIES

- Qualified in **Pandora's box** [2011] and participated in **bascule bridge** [2010] competition, **Techfest**, IIT Bombay. Awarded Hostel **Special mention** for Technical activities [2011] for my enthusiasm
- Pursuing **Carnatic** vocal classes under a musician and performed in **Surbahar** [2010], the biggest musical presentation by the students of IIT Bombay
- Volunteered for **Teach Me** (an Initiative by IIT Bombay to teach underprivileged kids in slums)