



SWARUP RANJAN SAHOO
Civil Engineering
Indian Institute Of Technology, Bombay

100040100
UG Second Year (B.Tech)
Male
DOB: 14/06/1992

Examination	University	Institute	Year	CPI/%
Graduation	IIT Bombay	IIT Bombay	2011	6.41
Intermediate	Ravenshaw Junior Science College	Council of Higher Secondary Education, Orissa	2009	82.40
Matriculation	Secondary Board High School	Board of Secondary Education, Orissa	2007	89.58

SCHOLASTIC ACHIEVEMENTS

- Awarded Scholarship by scoring among **top 0.02%** students in **Mathematics and Science** appeared in **HSC** Examination, 2007.
- Was **rank 1st in Green Card, 10th in General** in **Diploma Entrance Test (DET-2010)** conducted by *Director of Technical Education (DTET), Orissa*.
- Awarded Certificate of Merit in **State Talent Scholarship Examination, Orissa** in Standard 5th, 6th and 7th respectively. (2002, 2003 and 2004)
- Currently pursuing a minor degree in Electrical engineering.

POSITIONS OF RESPONSIBILITY

- **Team member, Alumni Student Mentorship Program, SARC** (July 2011-Onwards)
 - Working under *Student Alumni Relations Cell* with **ASMP** group (along with five other team mates).
 - Running *Mentorship Program* between students and alumni through an appropriate algorithm (matching student's interest with alumni area of expertise) in each semester-wise allotment procedure providing students career guidance for their future endeavors.
 - Facilitated the launch of **Student Alumni Meet (SAM)**, a first ever direct interaction on a large scale inside the campus with *Buddy talks, Networking Session (placement related) and Hostel Interactive Events* parallel to this.
 - Dealing with alumni and coordinating interaction between the students and alumni.
- **Coordinator, Lecture Series, Techfest** (July 2010-Onwards)
 - Work involves searching for different Researchers, Scientists, Inventors or any motivational speaker and then convincing them to visit in event Techfest and give lectures.
 - Making arrangements for their stay for the Techfest.
 - Managing the organisers and allotting work to them.
 - Make arrangements for the lecture and audience.
- **Coordinator, Horizons, Mood Indigo** (July 2010-Onwards)
 - Role involves **organising events** like Adventurous Acts, Magical Spells, Comedy Plays, Musical Bands stage shows and Dance Shows in *Mood Indigo, IIT Bombay's Annual Cultural festival* (famous all over Asia) to entertain guests.
 - Deciding the Events to be organized and selecting the Anchors, Production Companies or Industries for hosting and performing the events.
 - Searching the contact details** of these Stars and Celebrities of **India or abroad**, through Google or any relevant source to call them for the show.
 - Coordinating the shows** assigning slots for time and venue of the events and taking care of their **hospitality**.
 - Managing the **organisers** (freshman year Students) and allotting work to them.

COURSE PROJECTS

- **Shared Contact Book** (July 2010-Nov 2010)
 - Guide: Prof. Deepak B. Pathak.**
 - Language: C++; Course: CS101.**

- Designed a **Contact Book** (like Facebook/Orkut/Twitter) to store information of a user which can be shared to its friendly units/users which has the features such as *signing in/up to the program, searching user in common contact book, copying/saving a contact from common contact book, deleting/modifying one's account* by using **EzWindows, Search, Deletion, Modification, Copying and Signing in/up** functions.

➤ **Climate Change and Its Implications In India**

(July 2010-Nov 2010)

- Guide:** Prof. K.N. Narayanan.
- Course:** NS101; GRA Project.
- Studied the root cause of **climate changes** and its effect on **Indian climate** and did analysis on them by giving Presentation.

SOFTWARES AND TECHNICAL SKILLS

➤ **Operating Systems:-**

- Mac OS.
- Windows 98/2000/XP/Vista/7.
- Linux.

➤ **Programming Languages:-**

- HTML, HTML-5, CSS-1,2,3, PHP. (Learned from the website w3schools.com and Web & design club **IIT Bombay**)
- C/C++.

➤ **Software:-**

- AutoCAD 2008, Solid Work. (Certified by CTTC BBSR, completing the software course, AutoCAD) (Jun-2010)
- Matlab, Scilab, Mathematica.
- Adobe Creative Suite, Sony Vegas, Microsoft Office Products.

RELEVANT COURSES

<u>CORE SUBJECTS</u>	<u>STATISTICS AND MATHEMATICS</u>	<u>LAB COURSES</u>	<u>OTHER COURSES</u>
<ul style="list-style-type: none"> Solid Mechanics 1. Fluid Mechanics 1. Engineering Mechanics. 	<ul style="list-style-type: none"> Data Analysis & Interpretation. Linear Algebra. Calculus. Differential Equations. Differential Equations II. 	<ul style="list-style-type: none"> Solid Mechanics Lab. Fluid Mechanics Lab. Engineering Graphics & Drawing. Workshop Practice. Physics Lab. Chemistry Lab. 	<ul style="list-style-type: none"> Introduction to Electrical and Electronics Circuits. Electricity and Magnetism. Computer Programming and Utilization.

EXTRA-CURRICULAR ACTIVITIES

➤ **Cultural Activities**

- Participated and Represented hostel in **freshiezaa** dance competition during freshman year. (Aug-2010)
- Awarded **Best Prize in Drama** in the **Annual Function** by **Secondary Board High School, Cuttack**. (2004)

➤ **Technical Skills**

- Successfully prepared the **Bots** for the **Trackmania** and **Line Follower** competition. (2010)

➤ **Sports**

- Took part and represented wing in Hostel **Football Tournament** in freshman year. (Oct-2010)
- Was a member of the school cricket team (under-17) and represented school in **Inter-School cricket** competitions.

➤ **Hobbies and Extras**

- Enjoy writing **poems**, playing musical instrument **guitar and piano**, reading novels.
- Can solve **Rubik's cube** within 5 minutes.
- Participated and awarded certificate of **13th State Bharat Scouts & Guides Jombarettree, Orissa**. (2004)