



Gagandeep Makker
Civil Engineering
Indian Institute of Technology, Bombay

09004050
UG Third Year (B.Tech.)
Male
DOB: 22/04/1990

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2011	8.87
Intermediate/+2	CBSE	Maheshwari Public School	2008	82.80
Matriculation	CBSE	Maheshwari Public School	2006	88.00

KEY SCHOLASTIC ACHIEVEMENTS

- **Currently ranked 7th** in the department amongst **100 students**
- Pursuing **Minors degree** in **Management** from SJM School of Management
- Pursuing **Honours degree** in Department of **Civil Engineering**
- Recipient of **Merit-Cum-Means** scholarship, IIT Bombay (INR 60,000 per annum)
- All India Rank **1166** (out of 386,000) and **952** (out of 1 million) in IIT-JEE and AIEEE-09 respectively

PROJECTS AND TECHNICAL ACCOMPLISHMENTS

MINI NATIONAL UNIQUE IDENTITY (C++) (Aug'09-Nov'09)

Guide: Dr. Deepak B Phatak, Computer Science and Engineering, IIT Bombay

- Developed a software based on **AADHAAR** to use fingerprints as identity
- Led the project team to store information of individuals (fingerprints) using data management

FINANCIAL STATEMENT ANALYSIS (Jul'11- Present)

Guide: Dr. (CA) Varadraj Bapat, SJM School of Management, IIT Bombay

- Exhaustively analysed the current financial position of **Biocon Ltd.**
- Computed CG (Corporate Governance) score to evaluate its compliance to the accounting standards

ANALYSIS OF MARKETING STRATEGY OF MC DONALDS IN INDIA (Oct'10)

Guide: Prof. Dinesh Sharma, SJM School of Management, IIT Bombay

- Analysed pricing, promotion and distribution strategies using different methods such as **STP, PESTEL** and **SWOT** analysis
- Came up with an idea for a new product and also devised marketing strategy for the same

LINE FOLLOWER (Oct'09)

- Designed an autonomous robot using photo diodes which identifies black line on white surface and follows the same this could also move along turns on path

INTERNSHIP

HSBC Invest Direct Securities (India) Ltd. (Jun'11-Jul'11)

- Analysed the structuring and pricing of exotic derivatives (**Futures and Options**) and various hedging strategies using derivatives listed on Bombay Stock Exchange (**BSE**)
- Analysed different aspects of various kinds of mutual funds and their capital allocation in different sectors
- Acquired basic knowledge about fundamental and technical analysis of stocks

SOFTWARE SKILLS

- **Programming Languages** C++, HTML
- **Software Tools** AutoCAD, Solid Works, Adobe Photoshop, MS Office, Scilab

POSITION OF RESPONSIBILITY

Internship Co-ordinator, Practical Training Cell, IIT Bombay

(Apr'11-Present)

Practical Training Cell is responsible for generating internship opportunities for 1600 students on campus

- Elected as one of **25** members of PT Cell core team, acting as a liaison between students & corporate world
- Responsible for procuring internships for more than 200 students from Department of Civil Engineering
- Revamped the PT policy for the first time in order to safeguard student interests as well as corporate relations

Class Representative, Department of Civil Engineering, IIT Bombay

(Apr'10-Apr'11)

- Negotiated and organised work visits to CWPRS, Pune and IT Business Park, Mumbai
- Represented the Civil Engineering department in institute wide meeting on restructuring of academic program

Co-ordinator, Hospitality and Public Relations Mood Indigo'10

(Apr'10-Dec'10)

Mood Indigo is India's largest college cultural festival with a budget in excess of INR 17 million

- Negotiated a deal with **WOW Retails** in form of kinds like Reebok watches, t-shirts worth **INR 1 Lakh**
- Worked as a team of 100 Coordinators and Organizers to formulate and execute a plan to Host, Accommodate and cater the needs of around 60000 students from all over the nation

EXTRA-CURRICULAR ACHIEVEMENTS/ACTIVITIES

SPORTS

- **Martial Arts** – Was Awarded **Bronze** Medal by Ninja Organization of India
- Member(Bowler) of **Winning team** in Intra Department **Cricket championship**
- Part of winning team in Tug of war **general championship** (GC)

CULTURAL

- **Harmonica(Mouth organ)**- Proficient in Playing, active member of Saaz (music club of IIT Bombay)
- Secured **2nd** position in **Collage making** competition during Freshizza (Cultural event for 1st year students)
- **French**-Completed a Basic course on French, conducted by a summer school- Patrika in Education (PIE)

MISCELLANEOUS

- **Wireless car racing** event(F1 Racing)
 - Devised a remote controlled car with On-Board Power Supply using radio frequency transmitter circuit
 - Secured **10th** position amongst **150** Teams
- **Event Coordinator, Matchbox-Enterprises**
An Event Management Firm
 - **Event In charge** for smooth conduction of valedictory function of 10 hostels of IIT
 - Negotiated deals between hostel councils and infrastructure, video and catering vendors
- **Organiser, Mood Indigo'09**-Organised a blood donation drive "**KHOON CHALA**" with over 200 donations

ON-SITE TRAINING

IT Business Park, Mumbai

A forty storied building under construction

- Learnt about various aspects of construction like Shuttering work of column, post tensioning work, Reinforcement work of column, functioning of a tower crane, safety measures to be taken at a construction site etc.

Central Water Power Research Station, Pune

- Learnt how we use some fluid dynamic concepts in making of model of any prototype like dams & ports, learnt optimisation of port and harbour design by studying Mumbai port