



Gagandeep Makker
Civil Engineering
Indian Institute of Technology Bombay

09004050
B.Tech.
Male
DOB: 22/04/1990

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2013	8.74

POSITIONS OF RESPONSIBILITY

COMPANY COORDINATOR, INSTITUTE PLACEMENT TEAM

[May'12-present]

Working in tandem with 38 company coordinators for campus recruitment involving 400 firms and over 1600 students

- Initiated talks with **100+** companies; negotiated offers to **maximize benefits** to all **stakeholders**
- Channelized efforts towards Civil Engineering firms by creating strategies targeting **11 distinct** sectors
- Focussing on the hitherto **untapped international** segment including consultancies and real-estate firms

INSTITUTE INTERNSHIP COORDINATOR, PRACTICAL TRAINING CELL

[May'11-Apr'12]

*Awarded **Institute Organisational Special Mention** for outstanding performance*

- Worked as a team of 25 members to streamline the internship recruitment process for more than 900 students
- Established association with **19 new** recruiters including leading MNCs and Universities
- Achieved a **247% Y-o-Y increase** (73 from 21) in number of internship offers to students
- Increased stipend inflow by **310% Y-o-Y** (INR 33 Lacs from INR 8 Lacs) for Department of Civil Engineering

PROFESSIONAL AND RESEARCH EXPERIENCE

UNIVERSITY OF CALIFORNIA, SANTA BARBARA (UCSB), USA | *Centre for Spatial studies*

[May'12-Jul'12]

*Awarded **Certificate of Excellence**; research work is in phase of publication*

- Developed digital maps of **London underground** using **ArcGIS & ArcMap** software to facilitate further computations
- Extensively performed inter and intra line **travel time analysis** for **54 stations** (on **8 lines**) of London underground
- Proposed a model using geographic maps which could make travel time prediction **18% more efficient**

INDIAN INSTITUTE OF MANAGEMENT, AHMEDABAD (IIMA) | *Public Systems Group*

[Dec'11-Jan'12]

- Investigated the upcoming **Metro rail projects** in India, concentrating mainly on factors affecting choice of gauge
- Analysed the impact of **Project Unigauge** on total track length, running track length & route length for last 21 years
- Co-authored** a report on 'Railway Gauges in India'; **published** as registered report of IIMA

HIGHWAY GEOMETRIC MODELLING | *Undergraduate Thesis*

[Aug'12-present]

- Working on simulations generated using **MXROAD** software; correlating various **design parameters**
- Performed the evaluation of **Pune-Solapur Highway** to gain practical insights
- Aim to propose reforms in **IRC** (Indian Roads Congress) **standards** in order to improve safety & level of service

MINOR DEGREE IN MANAGEMENT (SJM SCHOOL OF MANAGEMENT, IIT BOMBAY)

Completed additional courses on Marketing, Operations, Accounting & Finance, HR and Project management (ongoing)

PROJECT PLANNING AND APPRAISAL: TATA NANO

[Jul'12-Sep'12]

- Reviewed techno-economic feasibility of the project with focus on **constrained optimisation** of resources
- Delivered an improvised work breakdown structure & comprehensive **cost-resource analysis**

MARKETING CASE STUDY: McDONALDS

[Sep'10-Nov'10]

- Analysed marketing strategies of McDonalds; identified **customer-brand** relationship as key strength
- Conceptualized marketing plan for dummy prototype of a new **Veg burger** using **STP & SWOT** analysis

EXTRA-CURRICULAR ACTIVITIES

COMMUNITY SERVICE	<ul style="list-style-type: none"> Active member of Rakshak Foundation, USA Proposed key changes in the draft of National Telecom Policy Organised an on campus (IITK) program, aimed to promote Responsible citizenry 	[May'12-present]
LITERARY ARTS	<ul style="list-style-type: none"> Won Inter Hostel Hindi Debate General Championship 3rd in national level quiz-CiviQ, organised by Aakaar (Civil Engineering festival, IIT Bombay) 	[2012] [2012]
ON-STAGE PERFORMER	<ul style="list-style-type: none"> Proficient Harmonica player; Performed live at Birla Auditorium, Jaipur for 1000+ audience 1st in impromptu dramatics competition in Freshiezza (Freshman Weekend, IIT Bombay) 	[2010] [2009]