

AMAN GUPTA

Fourth year UG | Metallurgical Engineering and Materials Science | 2010-15

IIT Bombay

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ACADEMIC RECORDS

Examination	Institute, Location	Degree	Year	CPI
Graduation	IIT Bombay, Mumbai	Dual Degree (B.tech + M.Tech)	2013	8.71/10

SCHOLASTIC ACHIEVEMENTS

- Awarded “Institute Academic Award - 2011-12” , granted to only top 3% of the students in the institute
- Secured a position in top 0.5% (among 500,000 candidates) in IIT-Joint Entrance Examination 2010
- Secured **All India Rank 25**, among 100,000 candidates, in Madhya Pradesh Pre-Engineering Test 2010
- Pursuing a **Minor degree in Management** from Shailesh J. Mehta School of Management, IIT Bombay.

INTERNSHIPS

Applied Materials Mumbai	Novel Anti-Dust Coatings for Solar Cell Modules <ul style="list-style-type: none"> • Pioneered successful research to prevent the decrease in solar cell power output due to dust accumulation • Demonstrated a 30% increase in the power output of solar cell module using anti-dust coatings • Achieved 20% reduction in labour cost in operation of solar cell modules • Proposals accepted and implemented, presented technical report to <i>Director R&D</i> • Only intern (out of 6) invited to continue the project for delivering exceptional quality of work 	May'13 – Jul'13
	Optimization of Site Water Usage at P&G Mandideep Plant <ul style="list-style-type: none"> • Developed a Water Map and conducted Water Audit for P&G Mandideep plant • Studied best Water Management practices of organisations <i>such as Intel, PepsiCo, Nestle, L'Oreal</i> • Reduced site water usage by 15% by implementing key water saving activities 	May'12 – Jul'12

POSITIONS OF RESPONSIBILITY

Placement Cell IIT Bombay	Institute Internship Coordinator <i>Part of a 26 member team responsible to streamline the internship process for more than 800 students</i> <ul style="list-style-type: none"> • Fostered and sustained long term associations with over 55 companies/universities in India and abroad • Organised Resume Making, Personal Interview and Group Discussion workshops for students • Liaised with 12 first time recruiters including Saint-Gobain, Sandvick, ArcelorMittal, Tata Power • Achieved an 86% Y-o-Y increase in number of internship offers for ME & MS department 	Aug'12 – April'13
	Coordinator, Mood Indigo 2011, Media & Marketing <ul style="list-style-type: none"> • Coordinated with various Sponsors and Media Associates such as MTV, AXN, Radio Mirchi etc. • Responsible for contacting companies to raise sponsorship. Confirmed almost 10 companies for the same 	

ACADEMIC PROJECTS

SJMSOM IIT Bombay	Financial Statement Analysis <ul style="list-style-type: none"> • Compared the latest annual report of the company with previous year to evaluate performance • Analysed the Cash flow statement, P&L accounts and Balance sheet for FY 2011-2012 	Aug'13 – Nov'13
	Analysis of Delhi Metro Project <ul style="list-style-type: none"> • Conducted SWOT analysis, Cost Analysis, Risk Management for Delhi Metro project • Proposed CPM-PERT analysis for alternate execution of plan • Developed strategies to avoid delays and budget overshooting in infrastructure projects 	Aug'12 – Nov'12

EXTRA CURRICULAR ACTIVITIES

- Joined **NSS** (National Service Scheme) and worked with the Group Rural Activities Department; Conducted surveys during field trips to identify villagers' daily life problems
- Part of Hostel cricket team. Played Cricket at inter and intra hostel levels
- Fabricated **wireless robots** for various terrain and aquatic events like Trackmania and Robopolo at IIT Bombay
- Designed a bot 'Hydronoid' based on novel Mechanism at Techfest'12