Sanjeet Kumar Gupta   **13D110024**
Metallurgical Engineering and Materials Science   **Dual Degree (B.Tech+M.Tech.)**
Indian Institute of Technology Bombay   **Male**
Specialization: Ceramics & Composites   **DOB: 15/07/2017**

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	20xx	

WORK EXPERIENCE

NOBROKER| Data Analyst [May'16-Jun'16]
- Analysed performance of sales and service agents, created an **incentive model** to improve efficiency
  - Proposed restructuring of manpower to focus on communication channel with maximum conversion of customers
- Created a questionnaire to understand customer requirements to create a basis for recommendation of optimum subscription plan
- Devised **prediction model** to estimate the time of sale of any property in a particular area
- Supervised work progress of services team (**15 agents**) and ensured the completion of customer obligations

PI-VENTURE | Research Intern [Aug '16]
- Analysed growth opportunities in **India and China** to recommend favourable investment destination
- Presented funding patterns and investor behaviour in Indian **start-up** environment with emphasis on potential growth rate of various sectors

POSITION OF RESPONSIBILITY

MANAGER INFRASTRUCTURE | Techfest 2015-16 [Apr '15- Mar '16]
Asia's Largest Science & Technology Festival, Granted patronage by **UNICEF** & **UNESCO** | Footfall: 1,65,000
- Led a **2-tier** team (**120+** students) to plan and execute logistics requirements of **150+** events(Budget: ₹ **9.5Million**)
- Negotiated first-of-its-kind deal worth **INR 5 Lakhs** to facilitate free distribution of stationery to **10K+**participants
- Spearheaded the execution of Techfest's south zonal competitions, Record attendance of **1K+, 30%** y-o-y increase
- Pioneered and administered Internet For All, an initiative to digitally empower **48,000** children in **20+** villages
- Meticulously planned cyclothon, attracting over **1300+** cyclist in Mumbai, supported by **Srikanth Kidambi**

CAPTAIN | Institute Kho-Kho Team | IIT Bombay [July'16 – Apr'17]
- Played an integral role in formation of new institute Kho-Kho team by streamlining selection procedure
- Pioneered the implementation of Off-campus matches (**20+**) to test strategies and build team confidence
- Led the team to a thumping victory, bagging **Gold** at Spardha, IIT BHU, India's largest sport festival

SPORTS SECETARY | Hostel-4, IIT Bombay [Jul '14 – Jul '15]
- Elected among **600** students, part of **3** tier council of **30** members, awarder **special mention** for exemplary work
- Organized hostel leagues for various sports to enhance the sports culture among the inmates of the hostel
- Co-ordinated with the institute sports council to smoothly organize inter hostel general championships

PROJECTS UNDERTAKEN

MASTER'S THESIS | Phase Film Modeling Using CUDA | Prof. M P Gururajan [Jul'17-Present]
- Developing **GPU** Computation of phase field simulation for microstructural evolution
- Studying **Data Parallelization** for 1-D & 2-D Cahn-Hilliard equation, simulated on GPU with CUDA
- Studied implementation of **Spinodal** decomposition and order-disorder phase transformation in 2-D

COURSE PROJECT | Statistical analysis of suicide rates in India | Prof. Shobha Shukla [Sept '14 - Nov '14]
- Surveyed and analysed the data of suicide rates in India in the last ten years
- Interpreted the trends and reasons leading to suicides for various age groups and demographics

ACADEMIC ACHIEVEMENTS

- Awarded **KPMG** Lean Six Sigma Green Belt training certificate ('16)
- Awarded National Stock Exchange Academy's **(NSE)** certificates in financial module ('17)
- Sole recipient of the **Dakshana Foundation** Scholarship (**1/600**), best performing students in JNV ('11)
- Felicitated with Foundation for Excellence **Scholarship** for meritorious performance in class 12 ('13)

EXTRA-CURRICULAR ACTIVITIES

SKILLS	• PROGRAMMING LANGUAGE: C/C++, R, CUDA C, Python, Machine Learning • SOFTWARE: Octave, MATLAB, AUTO-CAD	
AWARDS	• **Player of the GC** for exceptional performance in Kho-Kho General Championship • Awarded **Special Mention** for conceptualizing and executing infrastructural setups of PAF	('13) ('15)
SPORTS	• An active player, played over 7 sports with podium positions in crossy , hockey and kho-kho • Led and mentored hostel Kho-Kho team to win "Silver Medal" for 2 consecutive years	
OTHERS	• Volunteered in a **team** of 2 to conduct JDST exam successfully at JNV,Pune • Hobbies: Swimming and Trekking (Kalsubai)	('14)