

ACADEMIC QUALIFICATIONS

Examination	Year	Board/University	Percentage
B.E.(Instrumentation and control Engineering)	2013-2017	Netaji Subhas Institute of Technology, Delhi University	70.45
Class XII	2013	CBSE	89.60
Class X	2011	CBSE	89.30

EXPERIENCE

Associate Consultant, (Risk Advisory), Ernst and Young
Portfolio **Stress Testing** different asset classes (Equity, FX, etc.) for a top Investment Bank

- Working with stakeholders, traders to determine the **Profit and Loss** on underlying asset in market under stressed conditions
- Optimized template for weekly KPI using **SQL, HUE** and **Excel** catering to PNL numbers due to **Greeks** for **Equities** and **FX** reducing process time by 50%
- Enhanced the week over week **Completeness and Accuracy** for Global Equity Derivatives using **Tableau**
- Implementation of Scenario design and Shocks Calibration to compute **Greeks** for Asset classes at **Trade** level and **Bank** level

Risk Analyst, Evalueserve, Gurugram
Model Development Testing and Documentation of **derivative** pricing models based on Equity for a top global investment bank

- Working with front office Quants, understanding the features of particular **exotic product** to end and deciding various test plans required as per **MDDT** regulatory requirements
- Implemented various model validation test namely benchmarking, limiting, hedging, convergence, stress etc. on **Monte-Carlo** based and Analytical models to calculate the contract price and **Greeks** under various market scenarios using **C#** and **N-Unit** testing framework
- Verified **C#** results for various tests after recreating the results in **GEDI**, Microsoft Excel Extension based in-house product
- Developed model analysis reports catering to the test plan and reporting various shortcomings and issues faced in the testing
- Documented final test results according to **MDDT** requirements using **LATEX** tool for Pdf generation
- Certified for completing Internal **Quantitative Finance Program** basics of **Time Value Money**, and **Derivatives** in an overall cumulative score of **(60.5/100)**

Business research, Hello Travel, Indiamart, Noida
Prepared a project report which included various parts of India for tourism purpose in about **1000 research questions**

- Performed a benchmarking study on different venues of India by studying **market parameters** to **increase the business** from **Impact** company increased business by **30 percent** during that season; received letter of appreciation for my efforts

Hard Skills: - MS Office (Excel, Word etc.), C, SQL, Tableau, LATEX and MATLAB

PROJECT AND TECHNICAL SKILLS

Blood Glucose Control, NSIT
Prepared a project report describing the variation of **Glucose level** human body

- Analyzed the variation of glucose level by implementing the **CONTROL SYSTEM** differential Equations in **MATLAB**

Impact successfully able to achieved the desired glucose level by **Open loop** and **Close loop** control system method

POSITION OF RESPONSIBILITY

Sports Secretary, NSIT
Responsible for **Sports and Fitness program** 1000 students; among **7(out of 750)** the batch to be selected

- Instrumental in **strategizing Winter Sports Annual Sports Meet** students get out of their hectic schedule
- Co-organized **first** ever sports fest “**Triquetra**” of all professional institution of **Delhi NCR**

Director of Community Services, Rotaract Club of NSIT Regency
Co-lead a team of **400+ students** more than **25 events** lead across the two years

- Collaborated with **NGOs** Jaagriti, Anugrah Foundation, Earth Savior’s Foundation, RYLA, Don Bosco
- Initiated **Savera** newsletter to articulate the events organised by our club, along with articles on social issues

Event Organsier, Moksha, Annual cultural fest, NSIT
Co-Organised **Delhi Quiz, Sports Quiz** and Online **Video dubbing** events witnessing participation of **500+ students** Delhi NCR

- Generated grants of **35,000 INR** from large corporations such as **BOI** and **Gopaljee** for the event

ACADEMIC DISTINCTIONS

- Awarded **Student of the Year** being disciplined, most consistent performer in academics and co-curricular activities **2013**
- Selected among **5**, in the batch of **450+** candidates for the **Ramanujan Mathematics Olympiad**
- Secured **BRONZE** medal in school at **International Mathematics Olympiad**
- Awarded **Merit scholarship** academic excellence for three consecutive years
- Holder of **Math’s Scholar Award** scoring over **94 %** for **5** consecutive year

EXTRA - CURRICULAR ACTIVITIES & ACHIEVEMENTS

- Awarded “**Man of the match**” against **ALBERTON CRICKET CLUB (SOUTH AFRICA)** representing **NSIT (INDIA)**
- Part of Award winning delegation to **TWARAN, 2016 IITM Gwalior** with bagging overall **2nd** spot across the country; **Winners Cricket Silver** medalist in **4*100** relay; Semifinalist in Cricket at **IIT BHU** Sports fest , **SPARDHA 2015 & 2016**
- Selected for **Ozone Layer Quiz Competition** organized by **Ministry of Environment And Forest**