



KARISHMA CHOUDHARY



ACADEMIC DETAILS

Year	Degree / Board	Institute	GPA / Marks(%)
---	B.Tech in Civil Engineering	Indian Institute of Technology, Delhi	7.212
2016	CBSE	Kendriya Vidyalaya Jhunjhunu (Raj.)	90.6
2014	CBSE	Kendriya Vidyalaya Jhunjhunu (Raj.)	10

INTERNSHIPS

- **Mahindra Comviva, Delhi** (Dec, 2019 - Jan, 2020) : *Strategic Marketing and Analyst Relations*.
 - Analysis of **real-time marketing & telecom BSS** markets to determine market requirements and define product messaging.
 - Competitive benchmarking for the above markets to define **product differentiation** and suggestions for **product roadmap**.
 - Product position of industry awards and analyst reports to **enhance visibility among target customers**.
- **Lough Out Loud, Mumbai** (Nov, 2019 - Dec, 2019) : *Digital Marketing Trainee*.
 - led a 2 tier team of Marketing and Sales Officers** to increase sales of the company.
 - Analysed and enhanced the marketing through various marketing platforms.
 - Received **Letter of Recommendation** from CEO of the company for excellent performance.

PROJECTS

- *Exploring Space Borne Techniques for Mapping of River Discharge and Hydraulic Geometry* (Prof. Dhanya CT): Aug2019
 - Extracted river inundation area** from optical imagery satellite and SAR satellite and correlate with in-situ data.
 - Evaluated water depth** from altimetry satellites and integrate with data obtained from above study.
 - Done integration with Hydrodynamic Modelling and Artificial Intelligence/ Machine Learning/ Statistical algorithms.
- *Geotechnical test of C&D material to analyse its property as refill in construction* (Prof. G.V. Ramana): May2019-July2019
 - Conducted **Permeability test on Construction and Demolishing sample** to determine their coefficient of permeability.
 - Solubility test** on C&D sample to test capability of dumped C&D material to contaminate the soil dissolving in groundwater.
 - Performed **California bearing ratio test** to find penetration value & **Proctor Test** to find bearing capacity of the samples.
- **Atmospheric Science Department**: *Contamination of water due to nano particles* (Prof. Arun Kumar): December 2018
 - The environmental behaviors of two metallic nano particles (CuO and ZnO), in water, were systematically evaluated.
 - Analysed variation of aggregation, sedimentation, and dissolution of nano particles with concentration of ZnO & CuO.

TECHNICAL SKILLS

- **Programming Language and Softwares**: C, Octave, Autodesk Inventor, ArcGIS.

POSITIONS OF RESPONSIBILITY

- **Executive Rendezvous'19**, (July 2019- October 2019): **Led a 2 tier team for National level fest Rendezvous 2019**.
 - Optimized **branding space** and resource allocation for sponsors by coordinating with marketing team and vendors.
 - Coordinated with Marketing, Events, Publicity and Hospitality teams to achieve a common goal of propitious Rendezvous.
 - Formulated extensive scheduling for **more than 100 events** spanning over 4 days to facilitate management.
- **Executive Samadhan Abhiyan**(Dec 2018): A project under **Delhi Commission For Protection of Child Rights** (DCPCR).
 - Conducted Surveys on Awareness on **Child Sex Abuse** and received Certificate from **DCPCR** for outstanding work.
- **Maintenance Committee**, Himadri Hostel (July 2019-April 2020): Selected as one out of five advisory panel Members.

EXTRA CURRICULAR ACTIVITIES

- **Dramatics Club**: *Directed, scripted & acted in 10 professional, national & institute level performances in last 2 years*.
 - National Level**: Orchestrated the venture of **Ankahi- The Dramatics Society** of IIT Delhi.
 - Grab **First position** in Stage Play Competition Natika Vatika at **Rendezvous, Asia's 2nd largest Cultural Fest**. (2018)
 - Won **Best Production Award** Natika Vatika, Rendezvous 2018 stage play competition among 20 colleges.
 - Fourth Position** in **Dramatics** among all IIT's in the third **Inter-IIT Cultural Meet** at IIT Roorkee.(2018)
 - Institute level**: *Founded the Dramatics Society- 'Nausheen' for Interhostel Competition*.
 - Awarded **Best Fresher' BRCA 2017** being the highest honor given by the board.
 - Secured **First Position** in Interhostel Monoact Competition among 13 hostel teams in college. (2017)
 - Secured **1st and 2nd Runner Up** position in Inter Hostel Street Play Competition in 2018 and 2019 consecutively.
 - Played the Lead Actress Role in play *Kissa Maujpur Ka* and Won **Best Entertaining Stage Play Award**. (2018)
 - Got Second Runners Up position in **Dramatics Overall General Championship 2018-19** among 13 hostel teams in college.



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IIT COURSE

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Institute

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GPA

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QUALIFYING EXAM

• Joint Entrance Examination (JEE) Advanced Rank: 4803 (OB)

COURSES DONE

Engineering Mechanics, Mechanics Of Fluids, Mechanics Of Solids, The Earth's Atmosphere:physical Principles, Intro. To Computer Science, Environmental Science, Engineering Geology, Civil Engineering Materials, Soil Mechanics, Structural Analysis I, Intro. To Transportation Engg., Intro. To Electrical Engg., Engg. Visualization & Comm., Calculus, Linear Algebra & Diffe. Equa., Electromagnetic Waves&qua.mec.