Name: Ankur Kaushik   Phone: 8770505844

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Address: H2-15, Narmada Nagar, Bilaspur, Chhattisgarh, 495001

Examination	University	Institute	Year	CPI / %
Post Graduation	IIT Bombay	IIT Bombay	2022	9.10
Graduation	Chhattisgarh Swami Vikekanand Technical University, Bhilai C.G.	Bhilai Institute of Technology, Durg	2020	79.00%
Graduation Specialization: Civil Engineering				
Intermediate	CBSE	Maharishi Vidya Mandir, Mangla, Bilaspur	2016	89.20%
Matriculation	CBSE	Maharishi Vidya Mandir, Mangla, Bilaspur	2014	8.2

SCHOLASTIC ACHIEVEMENT

- Scored **98.47 percentile** in **GATE Civil Engineering** out of 125974 candidates   [2020]
- Secured 1st rank in class in CBSE All India Senior School Certificate Examination (AISSCE)   [2016]

KEY PROJECTS

M. Tech. Project: Guide: Prof. TI Eldho, Department of Civil Engineering, IIT Bombay   [July'21 – present]
Topic: Turbulent flow characteristics and **scour analysis** around bridge piers using **CFD**
- Did **laboratory experiments** and **numerical simulations** to analyze flow around the pier
- Used **ADV** to measure flow velocity

Course Project: Guide: Prof. Bellie Sivakumar, Department of Civil Engineering, IIT Bombay   [Aug'20- Nov'20]
Topic: An Overview of Groundwater Resources in Chhattisgarh, India
- Carried out study on groundwater resource availability, exploitation, quality and management

B. Tech. Project: Guide: Prof. Sumit Gupta, Department of Civil Engineering, BIT Durg   [July'19- May'20]
Topic: Laboratory investigation on the properties of plastic concrete

POSITION OF RESPONSIBILITY

Teaching Assistantship, IIT Bombay   [July'20-May'22]
- **Guided 60+** undergraduate students in clarifying concepts regarding **Fluid mechanics & Hydraulics Lab** with special attention to experiment on 'Loss in pipe line due to sudden contraction, enlargement, bends and elbows.'
- Helped in smooth conduction of **Advanced Experimental Fluid Mechanics Lab** by explaining various experiments, clearing doubts, conducting quizzes and final exam of M.Tech students with other TAs

CERTIFICATIONS

- Completed 'Statistics for Machine Learning' course from Great Learning Academy
- Completed 'Python for Machine Learning' course from Great Learning Academy
- Completed 'Introduction to R' course from Great Learning Academy

PROGRAMING LAUNGUAGES AND SOFTWARES

- MATLAB, Python, R
- OpenFOAM, ANSYS Fluent, LINGO

HOBBIES

- Gaming