Vineet Kumar

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M.Tech - Environmental Engineering
Department-Civil Engineering
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Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Tech	Indian Institute of Technology, Guwahati	6.78 (Current)	2022-Present
B.Tech	Ramanand Institute of Pharmacy and Managemant, Haridwar	67.76%	2014-2018
Senior Secondary	UP Board	63.80%	2013
Secondary	UP Board	59.00%	2011

Experience

- **Teaching Assistant** — *July 2023 - Nov 2023*
  CE 101 Engineering Drawing Tutorial by Prof. Sparsh Johari — IIT Guwahati

- **Teaching Assistant** — *Jan 2024 - Present*
  CE 525 Solid and Hazardous Waste Management by Prof. Ajay Kalamdhad — IIT Guwahati

- **Site Engineer** — *Sept. 2018 - Dec. 2019*
  Building Construction Work — Aligarh, Uttar Pradesh

Projects

– **Soil Nutrient Capacity Monitoring And Acidity Remediation of Coal Mine Tailing Soil (Thesis)** *July 2023-Present*
Prof.Ajay S. Kalamdhad

∗ In this project, I utilize vermicompost for coal mine soil remediation while investigating its impact on soil quality and plant uptake.

– **Design of Solid Waste Management Facility For IITG (M.Tech Design Project)** *July 2023-Nov 2024*
Prof.Mohd.Jawed

∗ In this project we are designing of compost facelity and biogas digestor at IIT Guwahati Campus.

– **Study on landfill leachate characteristics and treatment (M.Tech Term Project)** *Jan.2023-May 2023*
Prof.Ajay S. Kalamdhad

∗ In this term Project We have determine the Physicochemical Properties of Leachate from Boragaon dumpsite, Guwahati.

– **The Endless Runway (B.Tech Project)** *July 2017-June 2018*
Assistant Prof.Tejashwi Gogyan

∗ In this project We designed a runway in such a way that it can reduce the congestion problem in runway.

Technical Skills

–**Programming**: Fundamental of Computer Programming
–**Drawing**: AutoCAD

** Elementary proficiency*

courses taken in M Tech

–**Environmental Engineering**: Physico Chemical Processes in Environmental Engineering, Air And Noise Pollution, Solids And Hazardous Waste, Air Quality Modelling, Optimization Method, Principles of Water Quality and EIA

courses taken in B Tech

–**Civil Engineering**: Environmental Engineering, Soil Mechanics, Engineering Methematics, Engineering Surveying, Trasportation Engineering, Strength Of Material, Cpm and Pert, Concrete Technology, RCC, Fluid Mechanics, Irrigation Engineering, structural Analysis, Design of Steel Element.

My Favourite Subjects for Teaching

Environmental Engineering, Soil Mechanics, Engineering Surveying, Trasportation Engineering, Strength Of Material, Irrigation Engineering.

Extra Curriculum

–**Contribution**: Organising Member of Recycle 2023 (4th International Conference on Waste Management), Volunteer in Hospitality in Research and Industrial Conclave 2023, Participated in the Plantation drive during Amrit Bhriksya Andolan 2023

Achievement

– **Gate Qualified** *2021*

– **Gate Qualified** *2022*