

ARCHANA RAWAT

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EXPERIENCE

Geotechnical Engineer

ICT Pvt Ltd

📅 August 2022 - April 2023

📍 New Delhi

- Comments on design and drawings of Re wall/Rs wall/Gabion wall/Slope protection works.
- Prepared Comments on Geotechnical Report and calculations of liquefaction.
- Calculated bearing capacity of shallow foundation and pile foundation of infrastructure projects.

Geotechnical Engineer

Geocon Infra Ltd

📅 August 2021 - March 2022

📍 Noida

- Designed RE wall using Indian standard Codes.
- Calculated Bearing capacity, settlement, liquefaction of RE wall foundation, and Ground improvement of various projects.

Assistant Professor

GL Bajaj Institute

📅 July 2019 - March 2020

📍 Greater Noida

- Delievered Lectures on Concrete technology, Structural Health Monitoring and Environmental engineering to 40+ engineering students,NBA work.

Structural Engineer

Esteem projects

📅 August 2018- February 2019

📍 Noida

- Modelled and did dynamic analysis of Fired Heater and its components in STAAD.Pro using IS 800 API 560 codal provisions.

Geotechnical Engineer

Explore engg Ltd

📅 March 2019 - June 2019

📍 Noida

- Borelog, sieve analysis, and report preparation of Highway, and infrastructure projects.
- Calculation of Bearing capacity of shallow foundation, Axial, and lateral load capacity of pile foundation.
- Settlement calculations of foundations, and Liquefaction calculations of various infrastructures.

REFERENCES

- Prof. Ashutosh Trivedi, Delhi Technological University New Delhi, Email: atrivedi@dce.ac.in Phone:+911127871027
- Prof. Colonel KC Tiwari, Delhi Technological University New Delhi, Email: kcchtpd@gmail.com Phone:+91-11-27871029

EDUCATION

MTech Geotechnical Engineering

Delhi Technological University

📅 July 2014 - june 2016

CGPA 8.1

BTech Civil Engineering

Chandigarh College of Engineering and Technology

📅 July 2010 - June 2014

CGPA 8.5

XII

Kendriya Vidyalaya Chandigarh

📅 July 2010

Percentage 91.8

X

Kendriya Vidyalaya Chandigarh

📅 July 2008

Percentage 93.6

SKILLS

STAAD PRO

ETABS

ABAQUS

MICROSOFT OFFICE

ACHIEVEMENTS

- AIEEE AIR 46937.
- GATE 99.5 Percentile.
- AFWAA Scholarship Class X.
- Merit Scholarship BE 1st Year.
- MHRD Scholarship for Mtech.
- Hobbies: Sports, Photography.
- 0.1 percent meritorious student in Social Science CBSE.

TRAININGS

- Designed Multi-storeyed Bulding using ETABS In CSi Delhi.
- Designed Hostel building of NIT Kurukshetra in STAAD.Pro.
- Visited Alaknanda Hydropower project in Uttarakhand.
- Attended FDP on Urban infrastructure.
- Attended GIAN Program on geotechnical structures and Geosynthetics.