



SAHIL KUMAR

I am self-motivated person looking for an opportunity to work as a Geotechnical Engineer in an organization and contribute development for the organization as well as personal growth.

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NIT Hamirpur, H.P (177005)

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ACHIEVEMENTS/AWARDS

- GATE 2022 Qualified
- 1st prize in Technical Event "Bridge Making" Organized at Rajiv Gandhi Govt. Engineering College Kangra (H.P) in 2017

RESPONSIBILITIES

- Two year experience as "Teaching Assistant" in National Institute of Technology, Hamirpur
- "Student Secretary" of Civil Engineering Society at Rajiv Gandhi Govt. Engineering College Kangra H.P. (2016-2018)

TECHNICAL SKILLS

AutoCAD, GEO-5, Plaxis-2D, MS-Excel

PERSONAL STRENGTH

Self-motivated, Analytical and Team Oriented

LANGUAGES

English, Hindi and Punjabi

PERMANENT ADDRESS

V.P.O Punner, Tehsil - Palampur,
District- Kangra, Himachal Pradesh -
176083

EDUCATION

M.Tech Geotechnical and Foundation Engineering -7.62(CGPA)

National Institute of Technology, Hamirpur (05/2022 – Present)

B.Tech Civil Engineering

Rajiv Gandhi Govt. Engineering College Kangra (2014 – 2019)

EXPERIENCE and INTERNSHIP

KALSI BROTHERS CONSTRUCTION Pvt. Ltd.

(01/05/2019-30/05/2022)

Location: **Shimla, Himachal Pradesh**

- More than 3 years experience as a site engineer in construction of roads, landscaping works and Building works.
- Supervision on Construction Quality and safety Program.
- Acquired knowledge of Site Experience, Dealt Manpower with various Engineering Equipments.

Gammon Engineers and Contractors Pvt. Ltd. (21/05/17–15/7/17)

Location: Juddo, Vikasnagar, Uttarakhand.

Project: Construction of Vyasi Dam

- Executed Site Survey and made a Detailed Study of Structural Drawings of Dam and Tunnel.
- Acquired knowledge of Site Experience, Dealt Manpower with various Engineering Equipment
- Supervision on Construction Quality and safety Program

ACADEMIC PROJECT

PG Project: Numerical Analysis of stability of slope and application of mitigation measures (GEO5 and Plaxis-2D)

UG Project: "Design of Rainwater Harvesting System" for the campus of Rajiv Gandhi Government Engineering College Kangra at Nagrota Bagwan (2018)

Projects

- Under supervision of my working Guide, I have designed more than 10 different slopes for the consultancy work of NIT Hamirpur.
- Designing of different critical slopes using Geo-5, Plaxis-2D and application suitable mitigation measures to stabilize them such as designing of SDA (Self-driving anchors), RCC micro piles, Gravity and cantilever retaining walls etc.