



HASNUL RIYAZ

GEOTECHNICAL ENGINEER

CONTACT

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EDUCATION

Aligarh Muslim University, India, 2023
M.Tech. in Civil Engineering 89.72%

Aligarh Muslim University, India, 2018
B.Tech in Civil Engineering 80.84%

Aligarh Muslim University, India, 2014
Diploma in Civil Engineering 87.01%

Iqra Public School, CBSE, 2011
12TH 65%

Iqra Public School, CBSE, 2009
10TH 70%

KEY SKILLS

- FEM and Limit equilibrium software
- MS Word, MS Powerpoint & MS Excel
- AutoCad and StaadPro

SKILLS

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|-------------------------------------|-------------------|
| • Team work | • Multitasking |
| • Leadership | • Communication |
| • Decision Making | • Observation |
| • Organization Planning | • RCC |
| • Team Management | • Construction |
| • Foundation Design | • Maintenance |
| • Designing and Planning | • Problem Solving |
| • Structure Design | • Soil testing |
| • Languages - English, Hindi & Urdu | • Computer Skills |

ACHIEVEMENTS

- Worked as Workshop Coordinator in ASCE AMU student chapter
- Qualified GATE exam 2019
- Rank 3 in Diploma in Engineering
- Qualified SSC JE 2018 Exam
- Qualified NCRTC Exam

PASSPORT

- S5481214

PERSONAL PROFILE

- Focused civil engineering professional with Masters in Geotechnical engineering. Having a strong background towards working for high quality engineering environment with quantitative methodologies.
- To aspire to be a chartered engineer to get recognition worldwide.
- Pragmatic and proactive in the pursuit of ideas and objectives with excellent written and verbal communication skills.

PROJECTS

PROJECT 1 - SHEAR STRENGTH BEHAVIOUR OF EXPANSIVE SOIL WITH JUTE AND COIR FIBRES

- Description: The natural fibres viz. coir and jute can be used to stabilize the expansive soil. Tests like GSD test, direct shear test, triaxial test and CBR test are conducted and utilization of these natural waste fibres is concluded as reinforcement.

PROJECT 2- THE DESIGN OF STP FOR WASTEWATER TREATMENT OF AGRA CITY MANTOLA NALA UNDER GANGA CLEAN UP MISSION

- Description: Conditioning assessment of existing sewerage infrastructure and proposal for its upgradation at Kanpur city under Ganga clean-up mission.

PROJECT 3- DESIGNING OF A TWO LANE ROADWAY FOR A STRETCH OF 5KM USING CBR METHOD

- Description: Traffic volume study, analysis of field data, design and estimate of a new bituminous pavement is proposed to be constructed along bypass road connecting NH-91 to NH-93.

WORK EXPERIENCE AND INTERNSHIPS

Civil Engineer at Amit Contractors 'A Class Govt. Approved Contractor U.P. PWD Roads & Bridges' (Jul 2018 to Jul 2019)

- Worked as a Supervision engineer for a team of 4 members for Quality execution of the proposed work over the site.
- Worked as a supervision consultant for projects dealing with Building, roads and bridges in teamwork. During this various soil testing procedures like SPT-N test, Plate load test etc are also conducted.
- Monitored execution of contract work for compliance with design plans and specifications.

Intern | Executive Engineer Construction Division PWD, Agra

CONSTRUCTION OF ANNEXE 100 BEDS MATERNITY HOSPITAL

Worked as an intern and spearheaded the team of 5 in mainly excavation, column layout, erection and reinforcement as per the proposed drawings for the extension of the existing Hospital.

CURRICULAR ACTIVITIES

- Attended survey and Geology camp during Engineering.
- Organised civil engineering quiz College Fest ZARF'17
- Works as a secretary in NGO "The Aligarh Youth Society in the year 2017"
- Participated in seminar cum workshop on "Emerging trends of Engineering and Product design"
- Attended guest lecture on Solid Waste management and Waste water management organised by ASCE.