

Name : **ROHAN DEB**
Date of birth : **7TH Feb, 1997**
Residential Address : **Post office Road, Dharmanagar,
North Tripura. Pin – 799250**
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Career Objective :

I intend to establish myself as a Successful one through a long-time commitment, contribution and Hard work. I am keen in using my Diverse Skills, Experience & Knowledge to develop innovative solutions for the problems faced by the people in their daily life and to provide knowledge to others. I believe that my Technical & Functional Skills will enable me in facing the challenging career ahead.

Educational Qualification :

<i>Examination Passed</i>	<i>Board / Institution</i>	<i>Year of passing</i>	<i>Main subjects</i>	<i>Division / Class</i>
Direct Ph.D. (Pursuing)	Indian Institute of Technology, Madras	2020 - NA	Geotechnical Engineering	NA
Bachelor of Technology	National Institute of Technology, Agartala	2016 - 2020	Civil Engineering	SGPA (1 st Sem) : 8.56 SGPA (2 nd Sem) : 8.21 SGPA (3 rd Sem) : 8.48 SGPA (4 th Sem) : 8.84 SGPA (5 th Sem) : 9.07 SGPA (6 th Sem) : 9.29 SGPA (7 th Sem) : 8.62 SGPA (8 th Sem) : 9.04 CGPA : 8.78
Higher Secondary Examination	Tripura Board of Secondary Education	2016	English, Bengali, Physics, Chemistry, Mathematics	76.00 %
Madhyamik	Tripura Board of Secondary Education	2014	Bengali, English, Mathematics, Physical Science, Life Science, History, Geography.	91.29 %

Gate Score :

❖ Gate Score (2020): **581** out of 1000 (at Civil Engineering)

Areas of Interest :

- ❖ **Soil Dynamics**
- ❖ **Structural Dynamics**
- ❖ **Foundation Engineering**
- ❖ **Soil Mechanics**

Software Expertise :

- ❖ **RocScience**
- ❖ **MATLAB**
- ❖ **Microsoft Excel**
- ❖ **Auto CAD**

Strength & Weakness :

- Strength:**
1. I am patient, punctual, enthusiastic & determined to do my best.
 2. I have good computer skills & well knowledge about latest technologies.
 3. I am a responsible person & work good under pressure.
 4. Good in reasoning and problem solving.

- Weakness:**
1. Shy and not much expressive.
 2. Working hard to improve communication skills.

Academic Activities :

- ❖ Successfully completed my research internship at **IIT Mandi** from 3rd June to 14th July 2019, in area of **Geotechnical Engineering** under guidance of **Dr. Mousumi Mukherjee**.
- ❖ Completed my B.Tech. project titled “Prediction of soil infiltration characteristics with various soil properties using multiple linear regression (MLR) models” under guidance of **Dr. Ratul Das**, Professor, NIT Agartala.

Trainings :

- ❖ Trainee at **ONGC** (Tripura Asset, Agartala) from 15th May to 15th June 2018.
- ❖ Trainee at **PWD** (Agartala) from 11th Dec to 31st Dec, 2017.

Workshops & Seminars Attended :

- ❖ Attended one day seminar on “**Pre-Engineered Structures and Smart Water Supply-Distribution & Management in Urban Areas**” organised by **Indian Building Congress (IBC)** at Agartala on July 2018.
- ❖ Attended 5 days “**National Workshop on Vedic Mathematics**” during **22nd to 26th January 2019 in the Department of Mathematics, NIT Agartala.**
- ❖ Attended 6 days International Workshop on “**Advanced Seismology, Seismic Hazards & Earthquake Engineering: Theory, Simulation & Observations**” during **12th to 17th December 2019 Organized by Department of Civil Engineering, NIT Agartala.**

Publications :

- ❖ I worked on pseudo-static bearing capacity of a shallow strip footing embedded in a c-φ soil along with a Ph.D. research scholar. This work has been published in **Indian Geotechnical Conference (IGC) 2019 at Surat** (Also Recommended for **SPRINGER** Publication) Paper entitled: “***Seismic bearing capacity of strip footing embedded in slope situated below water table***”

Achievements :

- ❖ **Ranked 1st in Junior Mathematical Olympiad – 2011.**
- ❖ Secured 3rd position in the **State Level Inter-School Quiz Contest on Mathematics (2013).**
- ❖ Certificate of excellence by **Tripura Mathematical Society** for scoring **Highest Marks in Mathematics in Madhyamik Examination** conducted by Tripura Board of Secondary Education (TBSE) in 2014.
- ❖ Selected **for Indian National Mathematical Olympiad (INMO) – 2015** conducted by **HOMI BHABHA CENTRE FOR SCIENCE EDUCATION, MUMBAI.**
- ❖ Certificate of excellence by **Indian Association of Physics Teachers (IAPT)** for good performance in **“National Standard Examination in Physics 2015-16” & “National Standard Examination in Chemistry 2015-16”.**

DECLARATION

I certify that the foregoing information is correct and complete to the best of my knowledge and belief and nothing has been concealed / distorted.

Place : IIT Madras

Date : The 08th December, 2020


ROHAN DEB

Contact Details of the recommender

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Associate Professor

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