

# Arnab Ghosh

## M.Tech. | NIT Rourkela

Geotechnical Engineering  
DOB: 27 October 1998  
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## Education

MAY 2023  
M.TECH., GEOTECHNICAL ENGG.  
NIT Rourkela  
CGPA : 8.42/10.0

MAY 2020  
B.TECH., CIVIL ENGG.  
MAKAUT  
CGPA: 8.79/10.0

MAY 2016  
INTERMEDIATE IN SCIENCE, CBSE  
Saltlake Shiksha Niketan, Kolkata  
Percentage: 83.8%

MAY 2014  
MATRICULATION, CBSE  
Central Model School, Barrackpore  
CGPA: 8.4/10.0

## Links

LinkedIn:// [arnab-ghosh](#)

## Skills

GENERAL PROGRAMMING  
C, Matlab

OPERATING SYSTEMS  
Windows

SOFTWARES  
AutoCad, Staadpro, Plaxis 2D, Geo5

LANGUAGES  
English, Hindi, Bengali

## Area of interest

Advanced Soil Mechanics, Environmental  
Geotechnics

## Internships/ Academic Projects

### 2021-2023 M.Tech Project

**Topic: Feasibility of Waste Foundry Sand (WFS) mixed with Bentonite as Landfill Liner Material**

Thorough experiments were done to explore the compaction characteristics, unconfined compression strength, swelling, and permeability behaviour of different proportions (0-15%) of WFS and Bentonite mixes.

### 2021-2021 Technocons Constructions (Intern for 4 weeks) Project: Barasat Rural Road Development, W.B.

Provided detail drawings of road alignments in Barasat rural areas using AutoCad and Google Earth.

### 2019-2020 B.Tech Project

**Topic: Performance of Coconut Shell as Coarse Aggregate in Concrete.**

Used crushed coconut shells in proportions with coarse aggregates and compared the strength parameters of concrete for different proportions.

### 2019-2019 L&T Constructions (Summer Intern for 4 weeks) Project: Medical College in Rampurhat, W.B.

Spent one week each in safety, QA & QC, planning and execution department and understood the roles of each department and how does a construction project being carried out.

## Achievements/Certifications

1. Winner of Mega-arch event in Paridhi 2019 Techfest.
2. Done a NPTEL course in Foundation Engg. with certification.

## Extra Curricular Activities

### 2017-2020 Member of Sandhani Club, Kolkata

I have been part of the club and helped in organising several sports, cultural and social events. The club is renowned in the state for organizing one of the most famous Durga Pujas of Kolkata.