

[www.mrudageo.com](http://www.mrudageo.com)

*Your Ideal Geotechnical Partner  
for Sustainable Development!!*



**MRUDA**

**Geotech Consultants**


**CONTACT:** +91 9987515657

technical@mrudageo.com / mrudageo@gmail.com

**REG. ADD:**

C/806, Srushti Residency, Kalyan Road, Near Khambalpada,  
Dombivli (E)-421201, Dist-Thane, MH-India.

**GSTN: 27AHSPJ4756B1Z5**



**MRUDA** Geotech Consultants is committed to provide Geotechnical Consultancy and Design Aids for sustainable infrastructural growth and various civil works and aims for a long-term expertise in Geotechnical services for meeting high-end client's requirements. Its objective is to provide appropriate **Geotechnical** solutions to finish-up the project 'ground' works with ease and satisfaction!!! MRUDA offers Geotechnical Engineering and Consultancy services for the **Construction Industry** and for infrastructure development including **Roads, Highways and Metro projects**.

**MRUDA** is headed by **Er. Shubhada Jagtap**. She has cumulative 15+ years of experience till date (in the industry, as a Free-Lance Geotechnical Engineer and as a proprietor).

**MRUDA along with its Associates is in capacity to execute complete Geotechnical Investigation of a particular site and can offer various filed tests as per the project requirements.**

### **SERVICES OFFERED:**

- **Complete Geotechnical Investigation of a project site.**  
(including Laboratory Testing and Analysis of Soil, Rock and Ground Water samples, Geotechnical Investigation Report with SBC and Foundation recommendation)
  - Foundation Design
  - **Expertise in Reinforced Earth (RE) Wall** - Design and supporting Drawings with BOQ.
  - **Field Tests & Reports (pile load, plate load etc).**
  - Diaphragm Walls (Anchored) & Shoring systems- Design and supporting Drawings.
  - Slope Stability Analysis (software output) & Slope Protection Measures.
  - **Gabion Applications.**
  - **Ground Improvement.**
  - Conventional RCC Retaining Walls - Design and supporting Drawings with BOQ.
  - Technical Meetings & Site Visits.
- 

## CLIENTS:



**TJN Group,**  
Bengaluru, Karnataka.



**D'Almeida Developers,**  
Mumbai, Maharashtra.



**Logic Geotech & Construction,**  
(MMRDA, Reliance Infra,  
Astaldi),  
Airoli, Navi Mumbai,  
Maharashtra.



**M/s John Dennis and  
Construction Pvt Ltd,**  
Mumbai, Maharashtra.



**Gautamee  
Ground Engineering,**  
Mulund, Mumbai,  
Maharashtra.



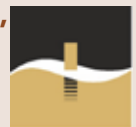
**Jay Gajanan Geotechnics,**  
(M/S. LARSEN & TOUBRO LTD),  
Thane, Maharashtra.



**Global Protection  
Industries, (NHAI),**  
Pune, Maharashtra.



**Best Geotechnics Pvt Ltd.,**  
(CPWD,  
Brigade Group, IRB)  
Mumbai, Maharashtra.



**\*\* Er Shubhada Jagtap has also worked for/ with esteemed organizations and independent consultants of the construction and infrastructure industry like IRB Infrastructure Developers Ltd, Ashoka Buildcon Ltd, Stup Consultants Pvt Ltd, VJTI college Mumbai, Madhucon Projects Ltd, STRATA Geosystems (I) Pvt. Ltd., Maccaferri India, The Louis Berger Group Inc. USA, DB Engineering & Consulting GmbH, and many others.**

## LIST OF FEW PROJECTS:

Sr No	Project Description	Year	Client
1.	Design of enabling system (shore piles) for 3 level basement & G+9 storey proposed construction at Santacruz, Mumbai.	2020-21	D'Almedia Developers, Mumbai
2.	Design of Anchors for Diaphragm wall to enable deep excavation for 4 level basement structure at Gurgaon.	2020-21	TJN Group, Bengaluru
3.	Geotechnical investigation report for proposed construction of residential building 3 level basements + 7 stories, at Mulund, Mumbai.	2020-21	Logic Geotech & Construction, Airoli.
4.	Report- Thickness design of cement concrete pavement for internal visitors and service road for the VJBU, Byculla, Mumbai.	2019-20	Academy of Architecture, Mumbai.
5.	Soil Investigation, collection of soil, rock and water samples and their testing at laboratory and submission of Geotechnical investigation report for proposed 16 storey with 1 level basement residential building at Chembur, Mumbai.	2019-20	M/s John Dennis and Construction Pvt Ltd, Mumbai.
6.	Geotechnical Investigation Report for STP and OHT at Bengaluru, including SBC of soil and foundation recommendation	2019-20	Jay Gajanan Geotechnics, Thane *(Indirect- LnT ECC)
7.	Geotechnical Investigation Report for each pier location of elevated <b>Metro-4</b> (package CA-08), <b>includes design of pile capacity.</b>	2018-19 & 2019-20	Logic Geotech & Construction, Airoli, Navi Mumbai. *(Indirect - MMRDA & Reliance)
8.	Site Visit, Lab testing on rock cores and submission of Geotechnical Investigation report for a 4 Level Basement + 9 storey building, at Santacruz, Mumbai	2019-20	
9.	Study of field data provided and submission of Pile Load Test Reports for Initial Vertical (Compression) And Initial Lateral Pile Load Tests.	2019-20	Gautamee Ground Engineering, Mumbai.
10.	Study of field data provided and submission of Pile Load Test Reports for Initial Vertical (Compression) And Initial Lateral Pile Load Tests.	2016-17	

## LIST OF FEW PROJECTS:

Sr No	Project Description	Year	Client
11.	Technical meeting and a site visit for proposal of Gabion wall for retaining the cut slope for a road widening project on NH-75, Bengaluru	2019-20	Global Protection Industries, Pune *(Indirect - NHAI)
12.	Site Visit and technical meeting for proposal to strengthen old existing jetty at Bandra, Mumbai.	2018-19	
13.	Technical Proposal (Design, Drawings & BOQ) for slope protection work using Gabion Mattresses on Raipur -Aurang section of NH6, Chattisgarh. (volume: 1 lac sqm fascia area of gabion mattress)	2015-16	
14.	Technical Proposal for design, drawing and BOQ of Gabion wall for protection of existing abutments and Gabion Apron protection for bridge piers, at Sonari creek bridges, R & B Department, Govt. of Gujarat.	2015-16	Best Geotechnics Pvt. Ltd., Vikhroli, Mumbai - 400083. (www.bestgeo.in)
15.	Site visit and solution proposal for the failed slope of the compound wall of Siddhant Ispat Pvt. Ltd., Silvassa, D & NH.	2015-16	
16.	Site visit for proposed approach road to Statue of Unity Project, Sardar Sarowar Narmada Nigam Ltd., Govt. of Gujarat, at Kevadia.	2016-17	
17.	Design and supporting Drawings with BOQ of a Gabion retaining wall for abutments of a river crossing bridge	2012-13	
18.	Design & supporting Drawings of a 15.5 m deep anchored Diaphragm wall	2012-13	
19.	Design & supporting Drawings of a 12.0 m deep anchored Diaphragm wall	2011-12	
20.	Design of a Reinforced Soil Wall, Drawings & BOQ	2011-12	

Box-NO:- 1/2



Site visit of SPCE students to Metro-4 project, Wadala, Mumbai.



**Er Shubhada Jagtap, Proprietor and Chief Consulting Engineer of MRUDA Geotech**

Consultants is working in Geotechnical field since she pursued her graduation in 2002. A civil Engineering graduate from Mumbai University, she was highly fascinated by the subjects - Soil Mechanics and Foundation Engineering and had decided to earn experience in the same field. After graduation, she worked with a small geotechnical consultancy firm. Later she joined her own college - Datta Meghe COE, Airoli as a Lecturer where she used to teach second- and third-year Civil Engineering students. While teaching, she studied for GATE exam and cleared it and went for pursuing full time Master's degree in Geotechnical Engineering at MSU Baroda, Gujarat.

She then got placed through campus in an MNC working in the applied filed of Geotech. In her career of an 8+ years of industry experience, she started with the Design Engineer's post and worked as a Sr Manager (Design), which was her last designation as an employee. From 2011 onwards, she started working as a Free-Lance Geotechnical Engineer wherein she has worked for various clients on a variety of projects like Geotechnical investigation reports, pile load test reports, Diaphragm wall design, Gabion retaining wall design etc.

In 2018, her long awaited dream come true when she started her own consultancy firm with the name M/s MRUDA Geotech Consultants. Many good projects are already delivered and quite a few are ongoing. There is a long way to go, with ultimate aim of serving Geotechnical fraternity with the quality work. Er. Shubhada has an excellent academic record. She had been awarded with many recognitions for technical paper presentations in various conferences.

MRUDA Geotech believes in sharing the knowledge with budding engineers. A step towards it was first taken when Er Shubhada Jagtap was invited to give a guest lecture on Soil Investigation topic to Civil Engineering students at Sardar Patel college of Engineering, Mumbai. To make the subject more understandable to students, a site visit to Metro-4 project was arranged by MRUDA Geotech. Also, Er Shubhada has contributed as an industry expert for syllabus review and suggestions to improve the contents of the Civil Engineering course for an autonomous institution in Mumbai.

**"Unfortunately, soils are made by nature and not by man, and the products of nature are always complex... As soon as we pass from steel and concrete to earth, the omnipotence of theory ceases to exist. Natural soil is never uniform. Its properties change from point to point while our knowledge of its properties are limited to those few spots at which the samples have been collected. In soil mechanics, the accuracy of computed results never exceeds that of a crude estimate, and the principal function of theory consists in teaching us what and how to observe in the field."**

**- (Late) Karl Terzaghi,  
Father of Soil Mechanics and Geotechnology**



**MRUDA**

**Geotech Consultants**