



ANIRUDHA JOSHI

GEOTECHNICAL ENGINEER

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CORE COMPETENCIES

Geotechnical Investigation
Field and Laboratory test
Land and marine Geo-investigation
Design of Foundation
Soil Liquefaction analysis
Client Co-ordination
Quality and Safety management

EDUCATION

Master of Technology in Geotechnical Engineering Passed in July 2018 with C.G.P.A. of 8.81 on ten-point scales from College of Engineering, Pune.

Bachelor of Technology in Civil Engineering Passed in May 2016 with C.G.P.A. of 8.10 on ten-point scales from Walchand College of Engineering Sangli.

SOFTWARES KNOWN

- PLAXIS
- Geo5
- AutoCAD 2D
- EPANET
- Microsoft project manager

PUBLICATIONS

Suprit Jakati, Anirudha Joshi, Yashwant Kolelar "A Comparative Study of Design and Construction Practice of Stone Column" - International Symposium on Geotechnics for Transportation Infrastructure, held at IIT- Delhi on April 7th - 8 th, 2018

PERSONAL PROFILE

D.O.B: - 26th Dec 1994

Languages Known: English, Hindi, and Marathi

LinkedIn Profile:

www.linkedin.com/in/anirudha-joshi-40139b8

Nationality: Indian

Marital Status: Unmarried

Address: SRA Khandwala Bldg., SantaCruz (E) Mumbai

OBJECTIVE

Delivering world class solution to the organization, focus on geotechnical engineering and management, ensuring total organizational satisfaction driven by personal core values such as Ethical Business practice, Transparency & Integrity.

Delivered through thought leadership & innovation excellent inputs in formulating highly efficient Project strategies, remapping processes & developing systems.

WORK SUMMARY

RELIANCE ASTALDI JOINT VENTURE (RAJV) | FROM SEPTEMBER 2020 TILL DATE

SENIOR EXECUTIVE GEOTECH

PROJECT: VERSOVA BANDRA SEA LINK

- Planned, Monitored and reviewed all Soil Investigation activities related to structural work.
- Analysed the Geotechnical data received from site and laboratory.
- Reviewed and checked soil investigation Reports GFR and GIR.
- Provided detail inputs of soil/rock parameters to designer
- Coordinated for approval of GFR, foundation design reports and onsite test report with Authority Engineers
- Verified the piling and testing activities on site as per design and drawings.
- Prepared Geotechnical Specification of onsite tests and Geotechnical works.
- Verified the pile capacity, designed based on geotechnical capacity with the help of pile load test on test piles
- Ensured quality and safety of work along with good progress.

DBM GEOTECHNICS & CONSTRUCTIONS PVT LTD | JULY 2018 TO SEPTEMBER 2020

GEOTECHNICAL ENGINEER

- Prepared detailed Geotechnical investigation report as per Indian standards or any other relevant standard.
- Reviewed and analysed geotechnical data from field and laboratory testing.
- Prepared foundation recommendation which includes estimation of Safe Bearing Capacity and Settlement analysis of shallow foundation systems from various field tests like standard penetration tests, Plate load tests etc. And from shear strength parameters.
- Designed pile foundation for downward, uplift and lateral capacities for various Metro and residential projects.
- Theoretical and Practical knowledge of Special field test like PMT, Packer Test, PLT, CHT and eCPT.
- Performed soil liquefaction analysis based on laboratory test results and field test like Standard Penetration Test, eCPT and CHT.
- Attended meeting with client and consultants for finalization of geotechnical requirements and reports.
- Controlled engineering activities to maintain work standards, adhere to timelines and meet quality assurance targets.
- Reviewed and assisted in performing technical bid analysis.

MAJOR PROJECT UNDERTAKEN

- Geotechnical Investigation for Proposed Versova Bandra Sea Link (VBSL), Mumbai for Reliance Infrastructure Limited
- Geotechnical Investigation Work for Mumbai Metro Line-4 Package 10 for Reliance Infrastructure Limited.
- Performance of Geotechnical Investigation, Field & Laboratory Test, Determination of Foundation Parameters etc. for Gorakhpur Haryana Anu Vidyut Pari yojana for Nuclear Power Corporation of India Limited.
- Land and Marine Geotechnical Investigation Work for Mumbai Metro Line-5 for Afcons Infrastructure Limited
- Geotechnical Investigation for Pune Metro Line-3 for Tata Projects Limited.
- Geotechnical Investigation work for Proposed power plant at HPCL Vashi for Hindustan Petroleum Corporation Limited
- Land and Marine investigation work for proposed Thane Creek Bridge Project for Larsen and Toubro Construction
- Land and Marine Investigation for proposed Coastal Road in Mumbai for Larsen and Toubro Construction
- Geotechnical Investigation work for various Residential Projects.

INTERNSHIPS

Soil Tech. India Pvt Ltd, Pune in June 2017

Activities Performed:

- Testing of soil samples to find index and engineering properties as per Indian Standard codes.
- Study and Preparation of geotechnical reports.

PROJECTS UNDERTAKEN

- **M.Tech dissertation on Study of Dynamic behaviour of Reinforced Retaining wall using Plaxis 2D**
In this study, analysis of reinforce earth retaining wall is carried out under the action of earthquake loading. The analysis is carried out with the help of finite element software, Plaxis 2D 2016 for a case study of Flyover Bridge located in Pune.
- **B. Tech dissertation on Modeling and design of water distribution system in multistoried building**
The dwindling water resources particularly in the cities have made the conservation and optimum use of water of prime importance. For this a very well defined and effective Water Distribution System (WDS) must be designed. Taking into consideration these facts, main focus of this thesis is on modeling and design of effective water distribution system in multistoried building using EPANET Software.

EXTRA CURRICULAR ACTIVITIES

Assistant.PRO (Public Relation Officer), Chief PRO of CIVIL ENGINEERING STUDENTS ASSOCIATION (CESA) in 2014 and 2015 respectively.

CO-CURRICULAR ACTIVITIES

- Attended and Completed webinar course on Plaxis-2D by Bentley Institute.
- Participated in International Symposium on Geotechnics for Transportation Infrastructure, IIT-Delhi - April 7th - 8th, 2018.
- Actively participated in the lecture series conducted by IGS- Pune Chapter.
- Participated in Technico (Technical Quiz) in Vision 2015.
- Attended E-summit 2014 at IIT Bombay.

I hereby declare that the above-mentioned information is correct to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

ANIRUDHA JOSHI