



Hanmant M. Kakade

B. E. (Civil), M. Tech (Geotechnical)

Indian Institute of Technology Madras

Total Professional Experience= 3.5 years

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EDUCATION

Program	Institution	%/CGPA	Year of completion
M Tech (Geotechnical)	Indian Institute of Technology, Madras	7.37	2012
B.E (Civil)	Rajarambapu Institute of Technology, Islampur	65.33	2010
XII	S.G.M. college, Karad	62.33	2005
X	Hadapsar vidyalaya, Pune	71.33	2003

PROFESSIONAL EXPERIENCE

• Sr. Geotechnical Engineer in Geocon International Pvt. Ltd., Mumbai

- Preparation of geotechnical reports with foundation (pile and shallow) recommendations and design for high rise buildings and bridge projects all over the India and abroad. Some of major projects in which worked as leading design engineer are given below.
 - ✓ Sunteck Group, Mumbai – Geotechnical Report for high rise building up to 40 floors
 - ✓ Oasis Realty, Mumbai – Geotechnical Report for high rise building of 3 basements, 6 podiums and up to 70 floors.
 - ✓ Supertech, Spira tower, Noida.
 - ✓ Tata Consultancy Services, Indore – Geotechnical Report for TCS Facility.
 - ✓ One Colombo Projects Private Limited, Sri Lanka- Geotechnical Report for multi-storied building
 - ✓ Raghuveer Construction, Mumbai – Geotechnical Report for building of height 320m (Palais Royal).
 - ✓ Geotechnical Reports for high rise buildings for oberoi builders, kalpataru, Lodha Group, Rustonjee, Reliance Infrastructure, L & T Infra, Omkar Reators, Mantri Spaces etc.
 - ✓ PWD North, Ratnagiri – Major Bridge Foundation Recommendation report.
 - ✓ CIDCO of Maharashtra – Geotechnical Report for Bridge across 30m wide road.
 - ✓ Dy. Chief Engineer (Civil), Mumbai – Geotechnical Report for Bridge over Vaitarna River.
 - ✓ Construma Consultancy – Geotechnical Report for Creek Bridge.
 - ✓ MPRRDA Bhopal – Geotechnical Report for bridge across Halpal River.

- ✓ Gammon India Limited – Foundation Recommendations for bridge over Govind Sagar.
- ✓ Design Tribe – Foundation Recommendations for 3000 TPD Grinding Unit, Indonesia.
- ✓ PT Indo Bharat Rayon, Indonesia – Pile Foundation Recommendations.
- ✓ Dangote, Tanzania, South Africa – Geotechnical Report and foundation recommendations for Power plant, Cement plant and fertilizer plant.
- ✓ Toyo Engg. (I) Ltd. – Foundation Recommendations for LOBP-MONAS, Indonesia
- Foundation design and recommendations for culverts, abutments, pavements, mobile tower, Jetty and transmission towers.
 - ✓ Reliance Jio Info Comm Ltd. – Geotechnical Report for mobile towers at different areas in Mumbai and Navi Mumbai.
 - ✓ JSW dharamtar port Pvt. Ltd. – Geotechnical Report for Jetty.
 - ✓ ABAN Construction, Panaji, Goa – Geotechnical Report for Britton Jetty.
 - ✓ Maharashtra State Electricity Transmission Company limited – Geotechnical Report for 220KV transmission line.
 - ✓ Tata Power Ltd., Vashi – Geotechnical Report For 400KV Transmission line at Vashi creek.
 - ✓ Bhopal-Dhule transmission Company Ltd. – Geotechnical Report for 765KV S/C Dhule- Vadodara transmission line.
- Slope stability analysis.
 - ✓ Sesa Goa - Slope instability and rectification for Codli iron ore mine.
 - ✓ Magcons Consulting Engineers – Slope stability analysis for ash dyke.
 - ✓ Aker Kvaerner, Sterlite, Tuticorin - Slope Stability Analysis of Embankments
 - ✓ Supreme Infrastructure India Ltd, Mumbai – Slope stability Analysis of Slope near Villa.
 - ✓ Desein Consulting Engineers, Haryana - Slope stability analysis for ash dyke.
 - ✓ Magcons Consulting Engineers, Udupi Power Corporation, Karnataka – Slope stability analysis for ash dyke.
 - ✓ Dangote Industries, Ethiopia- Hill stabilization analysis with terracing
- Completed 100 plus projects in respective area.
- Worked as lead engineer in designing of shoring pile wall system to stabilize open excavation and preparation of BOQ. Some of projects are mentioned below.
 - ✓ Sunteck City, Goregon, Mumbai - Pile Shoring design for 11.0m deep excavation.
 - ✓ Aranya Project (Piramal Realty Ltd.), Mumbai- Pile Shoring design for 16.0m deep excavation.
 - ✓ Safal Constructions, Ahmedabad - Pile Shoring design for 13.5m deep excavation.
 - ✓ Hubtown Construction, Mumbai - Pile Shoring design for 13.5m deep excavation.
 - ✓ Rustomjee MIG- IV, Mumbai - Pile Shoring design for 14.0m deep excavation.
 - ✓ Joy Developers, Mumbai - Pile Shoring design for 12.5m deep excavation.
 - ✓ AA Estates, Mumbai - Pile Shoring design for 18.0m deep excavation.
 - ✓ Netapp, Bangalore - Pile Shoring design for 16.0m deep excavation.
 - ✓ Joy Builders and Developers, Mumbai - Pile Shoring design for 15.0m deep excavation.
 - ✓ Gokani Consultants, Jammu - Pile Shoring design for 14.5m deep excavation.
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- Pile foundation Recommendations and design.
 - Design of ground improvement systems.
 - Liquefaction Analysis.
 - Offering onsite solution over the geotechnical problems.
 - Design of anchors (rock anchors, basement anchors, ground anchors etc.).
- *Geotechnical Engineer in Soiltech (India) Ltd. Pune, Maharashtra*
 - Played a role of geotechnical engineer with lab and in-situ tests on soil.
 - Design engineer for foundations (pile and shallow).
 - Design engineer for different geotechnical structures.
- *Geotechnical consultant in VJ coresoft*
 - Consulting geotechnical design engineer over different geotechnical projects such as installation of pile, open excavation etc.
 - Carried out the sensitivity analysis and parameter variation effect on the in-situ soil.
- *Six Week Summer Training in Geotechnical Division at Garware-Wall Ropes Ltd., Pune.*
 - Worked on design of reinforced earth wall.
 - Designed the stack yard pavement for ESSAR STEEL ORISA LTD. by using software TENSARPAVE.
 - Learned about the design of gabion walls by using software GEO-5 and visited sites where construction of gabion wall was in progress.
- Worked on the consultancy projects such as ground improvement using geogrid and design of open excavation with sheet pile wall in academic years.
- *One Month Summer Training in Chaitanya Udyog (Engineers and Contractors), Kolhapur*
 - Actively involved in the design of the foundation for the six storey hostel building.
 - Worked as a trainee site engineer.

SOFTWARE SKILLS

- Auto-CAD
- Plaxis 2D and 3D
- Primavera
- STAAD-Foundation
- E-TABS
- TALREN
- TENSARPAVE
- L-pile
- CADS-pile wall suit
- WALLAP

EXTRA-CURRICULAR ACTIVITIES

- Participated In AUTO-CAD Competition At Walchand College Of Engineering Sangli & Won Second Prize.
- Participated in the state level technical symposium NIRMAAN at Rajarambapu Institute of Technology and won the second prize.
- Member of “Indian Society for Technical Education” Student Chapter.
- Member Of Nature Club, Actively Involved With Nature Photography.
- Participated in AUTO-CAD Competition at JJ Magdum College of engineering, Jaisinghpur.
- Participated In National Level Technical Paper Presentation Competition in “Quest 9” At KBP College Of Engineering Satara.

HANMANT MAHADEO KAKADE

