

CURRICULA VITAE

Position	Geotechnical Engineer
Surname	BARAL
First Name	BIBEK
Nationality	NEPALESE
Date of Birth	2 nd January 1990
Education	Masters in Engineering in Geotechnical and Earth Resources Engineering , with outstanding performance, 2016, Asian Institute of Technology, Pathumthani, Thailand. Bachelor of Engineering in Civil Engineering , 2012, Tribhuvan University, Nepal
Languages	Nepalese, English, Indian
Professional Affiliations	Member of the Council of Engineers Nepal

Experience Record

2016- Present

ALFA GEOTECH COMPANY LIMITED

Thailand

Responsible for coordination, management, foundation analysis and design for the onshore and offshore Soil Investigation for 150 MW Coal Power Plant Project in Sihanoukville **Cambodia**

Responsible for structural analysis of pile cap, pipe, assessment of the ground settlement and pile settlement and its effect to fuel line comparing the obtained results with Magnetic Tomography Method (MTM) and preparation of Geotechnical Interpretative Report for Consultancy Service on Geotechnical Evaluation Works KLIA2, Kuala Lumpur International Airport Malaysia (Sepang) Sdn. Bhd., Kuala Lumpur, **Malaysia**

Geotechnical Engineer for Report Preparation, coordination of Soil Investigation Works and Pile Load Test for PTT Propylene Oxide and Olefins Reconfiguration Project in Rayong, **Thailand**.

Analysis and Report Preparation for Foundation Analysis for GNRV Pipeline Project, Nakhon Ratchasima Province, **Thailand**.

Analysis, comparison of field and L-pile results and provide recommendation for the Pile Load Test Work for Gulf Ban Lane Power Plant Project, Ayutthaya, **Thailand**.

Report Preparation and analysis for Pile Load Test Work including L-pile Analysis for GNRV Power Plant Project, Suranaree, **Thailand**

Analysis of Foundation Load Test conducted for Period of nine (9) days and effect of thermal and water on the results for GTG Foundation Rayong, **Thailand**

Geotechnical Engineer for Soil Investigation Report on Dole Rayong Plant, Rayong, **Thailand**

Analysis of the Slab Load Test and Report Preparation for NGK Ceramics, **Thailand**.

Geotechnical Engineer for Geotechnical Investigation Report on Mars and Pedigree Pet Food Factory Expansion Project , Rayong, **Thailand**

Assist in methodological conduct, report preparation and interpretation of Half Cell Potential Measurement of Steel Reinforcement in Concrete Slab at NMB-Mineba Thai Plant, Lopburi, **Thailand**

Half Cell Potential Measurement analysis and Chloride Content Measurement with report preparation for Steel Reinforcement in Concrete Slab for NMB-Minebea Thai Plant, Lopburi, **Thailand**.

Inspection Engineer for Suvarnabhumi Sky Lane Cycling Track, Bangkok, **Thailand**

2012-2013

ATLAS ENGINEERING COMPANY LIMITED

Nepal

Civil Engineer/ Site Engineer for Building Project named "Suresh Wagle Memorial Cancer Hospital"; responsible for quality control, quantity estimation, supervision of construction activities, prepare as built drawings

Awards:

Chin Fung Kee Prize (2016 May) Asian Institute of Technology for the most outstanding Academic Performance in the field of Geotechnical and Earth Resources Engineering

Trainings and Experiences:

1. **Asian Institute of Technology:** Field Trip of Kwaee Noi Dam, Chao Phraya Dam, Hydropower, Phitsanulok Highway, Embankment near River, Geological Investigation of Mor Hin khao and Pah Hin Ngam National Park (Chaiyaphum province)
2. **Kasetsart University:** Deep Soil Analysis for Earthquake
3. **MRT Blue Line:** Overview of Construction Project and Site Inspection
4. Survey of Road, Bridges and producing topographical map
5. Attended Personality development program

Academic Projects:

1. **Master in Geotechnical Engineering:** *"Ground Movement to EPB shield tunneling in the vicinity of Chao Phraya River in Blue Line Extension Project"*
2. **Bachelor in Civil Engineering:** *"Seismic Design and Analysis of Commercial Complex"*

Professional Skills

PLAXIS 2D and 3D, Phase 2, Slide/Geo-slope, Settle3D, L-Pile/All Pile, Deep Soil, Examine 3D, DIPS, Seismosignal, Surfer, Origin Pro, Auto CAD, SAP (Structural Analysis), Visual Basic Program, FORTRAN, Advanced Microsoft Excel, Microsoft Word, PowerPoint, Visio, Basic HTML Web Design