

# SANGAMESH. S. K

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Profile	Key Experience	Profession
I have three years of a varied Water structures, Power Plant, Sugar and Cement Industries, Gas Bottling plants, Substations, Commercial and Residential structures Geotechnical Investigations planning, execution, Technical Report Writing and Managing experience for about 100 Projects.	Carried out, Geotechnical Investigations for:  KPCL Power Projects for Switch Yards, Gas Turbines, Service Buildings etc.  Antenna Foundations for ISRO BSNL.	Senior Geotechnical Engineer
My skills and knowledge enthruses others around me with practical, innovative and workable solutions given the constraints of the infrastructure.	Storage Silos Foundations for Cement Industries at various places.  Cooling Towers, Chimnies, TG Buildings, ESP's for Sugar Plants at various places.	<b>Nationality</b> Indian  <b>Languages Known</b> Kannada, English, Hindi
My expertise in software are GEO5, PLAXIS, VESPA, AUTO-CAD.	Effluent and Sewage Treatment Plants at various places.	<b>Qualifications</b>  <b>M.Tech</b> in Geotechnical Engineering  <b>B.E</b> in Civil Engineering
And I have worked with Indian Codes, British Codes for Soil testing, MSE Wall Designs, Foundation Design and Analysis and Other Building Material testing.	Multistoried Residential and Commercial Buildings/Group Housing Complexes at various places in and around Karnataka.	
I have four paper publications in an International Springer Journal (Soil Dynamics and Earthquake Geotechnical Engineering), International Journal of Engineering Technology (ASEE -SCI Journal), International Journal of Current Engineering and Scientific Research Journal (IJCESR) and Indian Geotechnical Conference Proceedings (IGC) IIT Madras.	High capacity over-head tanks, Construction of reservoirs, Aquaducts etc.  Carried out Dynamic Soil Testings (Crosshole Test, Surface Wave Velocity Test, Block Vibration Tests and Earth Resistivity Test etc.) for Machine foundations, Antenna Foundations etc.	

## PROFESSIONAL EXPERIENCE

**Nagadi Consultants Private Limited (Geotechnical Consultants), Bangalore, Karnataka, India**

**Position:** Assistant Geotechnical Engineer (Consulting Engineer)

**October 2018 – Till date**

- Working with M/s Nagadi Consultants Private Limited as a Senior Geotechnical Engineer (Consulting Engineer) to provide technical inputs, recommendations, construction advisories during execution for major and minor projects.
- Responsible for Preparation of Quotations, Bill of Materials (BOQ's), Planning and Execution of Soil Investigations at Field and Lab, Preparation of Technical Reports, Interpretation and Analysis of Geotechnical Calculations, Drawings and Providing Technical Recommendations (according to the standard codes) based on the Field and Lab investigations.
- Supervising the site investigation teams and training the assistant staff for investigation works.
- Having Meetings/Interactions with Clients, Architects, Structural Consultants, Contractors to ensure and clarifying our investigations, recommendations and advices given for projects.

**Major Works Undertaken:** Carried out, Geotechnical Investigations for :

- KPCL Power Projects for Switch Yards, Gas Turbines, Service Buildings etc.
- Antenna Foundations ISRO, BSNL etc.
- Storage Silos Foundations for Cement Industries, Cooling Towers, Chimnies, Molasses Tanks, Ethanol Storage Tanks for Sugar Plants at various places.
- Effluent Treatment Plants (ETP) and Sewage Treatment Plants (STP) at various places in Karnataka.
- Multistoried Residential Buildings, Commercial Complexes, Group Housing Complexes (High-rise buildings) and Quarters Buildings for BSF - STC, Airforce, MES, CPWD.
- Carried out various dynamic soil testings such as Cross Hole Test, Surface Wave Velocity Test, Block Vibration Test, Earth Resistivity Test etc., for foundations of various types of factory buildings, Antenna's, Machine foundations etc.

**A.H.Hosamani Associates (Civil Engineers and Contractors), Bagalkot, Karnataka, India.**

**Position:** Geotechnical Consultant

**July 2016 – Sept 2018**

**Major Works Undertaken:** Carried out, Geotechnical Investigations for :

- Construction of high capacity over-head tanks, bed soil testing for construction of reservoirs.
- Construction of residential and commercial complexes, community halls, quarters buildings.

### **Software Proficiencies:**

1. PLAXIS 2D    2. GEO5 FINE    3. GEO5 FEM    4. VESPA    5. AUTOCAD

### **Memberships:**

1. Student Member of American Society for Civil Engineers (ASCE).
2. Student Member of International Geosynthetic Society (IGS).

**Conferences/STTP/Seminars Attended:**

Sl. No	Name of Conference / Workshop	Place	Date
1	International Symposium on “Emerging Technologies for Sustainable Development”	BEC, Bagalkot	27 <sup>th</sup> and 28 <sup>th</sup> Feb 2017
2	Indian Geotechnical Conference (IGC)	IIT, Madras	15 <sup>th</sup> to 17 <sup>th</sup> Dec 2016
3	Three days intensive Continuing Education Program on “Orientation towards Learning and Research”	BEC, Bagalkot	8 <sup>th</sup> to 10 <sup>th</sup> Feb 2016

**Publications**

Sl. No.	Title of the Paper	Authors	Name of the Journal / Conference and Year
1	“Numerical Analysis of MSE Wall using Finite Element and Limit Equilibrium Methods”	S. S. Konnur, A. M. Hulagabali, C. H. Solanki and G. R. Dodagoudar	International Journal of Soil Dynamics and Earthquake Geotechnical Engineering (SPRINGER), Volume.15, Part II, PP. 199-205, 10 June 2018 (published).
2	“Analysis of Mechanically Stabilized Earth Retaining Wall using Finite Element and AASHTO Method”	S. S. Konnur, A. M. Hulagabali, C. H. Solanki and G. R. Dodagoudar	International Journal of Engineering Technology (ASEE-Journal), Volume.6, Special Issue, PP. 139-150, Mar 2018 (Published)
3	“Ground Improvement by Stabilization Technique using Pond Ash and Sodium Ligno Sulphonate”	Sangamesh Konnur Sahana Antaratani A. M. Hulagabali G. R. Dodagoudar	International Journal of Current Engineering and Scientific Research (IJCESR) – Dec 2017 ISSN: 2393-8374, Volume-4, Issue-11, PP. 8-16, Dec 2017 (Published)
4	“Numerical Analysis of MSE Wall using Finite Element and Limit Equilibrium Methods”	S. S. Konnur, A. M. Hulagabali C. H. Solanki and G. R. Dodagoudar	Indian Geotechnical Conference IIT Madras (IGC)- THEME- 8, Paper No – 86, Dec 2016 (Published)

**Educational Qualifications**

COURSE	INSTITUTIONS	BOARD /UNIVERSITY	Year of Passing	PERCENTAGE / CGPA
M. Tech. in Geotechnical Engineering	Basaveshwara Engineering College Bagalkot	Visvesvarya Technological University, Belgaum, Karnataka	2016	9.14 (83.9 %)
B. E in Civil Engineering	Tontadarya College of Engineering, Gadag	Visvesvarya Technological University, Belgaum, Karnataka	2014	62.70 %

Date :

Signature