

**Nagaraj H. Koppa****Mob: 9900580542 / 9449441174****Contact Address** **Basav Nilay, Ward No. 01****Vinayak Nagar, A/P Nidagundi****Dist: Vijayapur State: Karnataka****Pincode: 586213****Email ID: nagarajkoppa90@gmail.com****CAREER OBJECTIVE**

Committed to advancing the field of Civil Engineering by conducting impactful research, securing grants and publishing in reputable journals, while mentoring students and preparing them to become the next generation of industry leaders.

EDUCATIONAL PROFILE

<i>Degree</i>	<i>University</i>	<i>Specialization</i>	<i>Percentage / CGPA</i>	<i>Year of Passing/status</i>
Ph. D.	Visvesvaraya Technological University, Belagavi Karnataka	Geo-Environmental Engineering	On Going	Comprehensive Viva completed
M. Tech		Geotechnical Engineering	CGPA= 8.9 Equivalent to 81.5% (First Class with Distinction)	2014
B. E.		Civil Engineering	72.2% (First Class with Distinction)	2012

PROFESSIONAL AND RESEARCH EXPERIENCE

<i>Name of the Employer</i>	<i>Designation / Position Held</i>	<i>From</i>	<i>To</i>
Gharda Institute of Technology, A/P Lavel, Ratnagiri, Maharashtra	Assistant Professor	July 2014	Present

PUBLICATIONS:

1. **Nagaraj Koppa**, M N Hiremath, Mohan Badiger and Nandan Shenoy, *“Influence of Municipal Leachate on the Geotechnical Properties of Soil in the Pre-Monsoon Season”*. *World Journal of Engineering – Emerald Publishers (Scopus) (Q3, Impact factor-1.4)*.
2. **D S Patil, S B Anadinni, Nagaraj Koppa, Anand Shivapur (2023)**. *“An experimental investigation on cohesion and angle of internal friction of crushed sand partially replaced with self-curing additive sintered fly ash lightweight aggregates”*(Paper ID: UCC-2023-105). Presented at the UKIERI Concrete Congress – Sustainable Concrete Infrastructure. **Springer**
3. **Nagaraj Koppa** (2014) “Stress-Strain Behaviour of Fine Grained Soils with Varying Sand Content” ; The Asian Review of Civil Engineering ISSN: 2249 - 6203 Vol. 3 No. 2, 2014, pp.1-9 © The Research Publication, www.trp.org.in
4. **Nagaraj Koppa** and Santosh G H (2014) “An Experimental studies on Behaviour of Investigating soils with varying sand content” IJIRST ISBN: 2349-6010 Volume 1, Issue 3, August 2014
5. **Nagaraj Koppa** (2015) “Study on Engineering properties of soil with variable sand content; International Journal of advanced foundation and Research science Volume 2, Special Issue TACE 2015
6. Sanket Jadhav, Purushottam Indulkar, Pal Pradeep and **Nagaraj Koppa** (2018) “Evaporation control technique in open reservoirs: an Overview and Assessment study; IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) e-ISSN: 2278-1684,p-ISSN: 2320-334X, Volume 15, Issue 2 Ver. III (Mar. - Apr. 2018), PP 64-67
7. **Nagaraj Koppa**, Abhinav Lotankar, Rane Omkar (2018) Stabilization of Lateritic soil by using Terrazyme; International Journal of Engineering Research and Technology Volume 7, Issue -04, April - 2018
8. Priyanka Pandhare, Vinayak Niwate, Prathamesh and **Nagaraj Koppa** “Stabilization of Lateritic Soil By using Fly Ash and RBI Grade 81; APR 2020 | IRE Journals | Volume 3 Issue 10 | ISSN: 2456-8880
9. Chandrashekar Parab, Rajendra Rajage and **Nagaraj Koppa** (2021)"Experimental Study on Water Retention Capacity of Lateritic Soil by Using Varying Percentage of Bentonite Clay" International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 08 Issue: 03 | Mar 2021 www.irjet.net p-ISSN: 2395-0072

ATTENDED STTP, WORKSHOPS, CONFERENCES, INDUSTRY VISIT, EXPERT LECTURE:

- 1) **In-situ Test on weak soils** (Ground Improvement Technique) at **IISC Bangalore** from 27/04/2019 to 28/04/2019 (2 Days)
- 2) **Indo-Japan methodologies on Ground Improvement Techniques** under collaboration with **NITK Surathkal** from 8 - 13 July 2020 (6 Days)
- 3) **Water Shed Management** at **VTU Belagavi** from 25 to 29 Nov 2019 (5 Days)
- 4) **5th International Conference on Forensic Geotechnical Engineering** at **IISC Bangalore** 08-10 Dec 2016 (3 Days)
- 5) Introduction to Structural Engineering under collaboration with **IIT Kharagpur** around 2 Weeks in the month of January 2016
- 6) Participated in the National Symposium on **“Geotechniques for Sustainable Infrastructure Development”** on 26 and 27th July, 2019, organized by BEC, Bagalkot and REC, Bijnor (UP).
- 7) Energy Crisis & Role of energy Management & Renewable at Gharda Institute of Technology Lavel from 8-9 June 2015 (2 Days)
- 8) Participated in the AICTE Recognized Faculty Development Programme on CAD using Solid Works Conducted by Mechanical Engineering Department from 04/09/2023 to 08/09/2023 (One Week) at Gharda Institute of Technology, Lavel, Ratnagiri, Maharashtra. Under **NITTR Chandigarh**, Ministry of Education. Govt. of India.
- 9) **NPTEL AICTE FDP** on **“ Introduction to Research”** is successfully completed a course with consolidated marks 60% (Duration: 8 weeks)
- 10) Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on **"Smart Cities"** from 08/11/2021 to 12/11/2021 at Indian Institute of Information Technology Dharwad.
- 11) Participated in the 2nd International Webinar Series on **“Latest Advancements in Geoenviron-Structural Confluence”** conducted from 04.06.2022 – 06.06.2022. **ASCE Indo Sri Lanka Sections – Technical Partner ASCE Chapter.**
- 12) Completed the course on **“RS and GIS in Urban and Regional Planning”**. The course was conducted by **Indian Institute of Remote Sensing (IIRS)**, during 09-12-2019 to 20-12-2019 . The participant has attended the course at IIRS outreach network centre, Gharda Institute of Technology, Lavel.

- 13) Delivered Expert Session on “ Sustainable Geotechnics, Facts and Impacts” at Sahyadri Polytechnic College Sawarde and Maharashtra Polytechnic Collge Mandangad

AWARDS & RECOGNITIONS:

1. Awarded a 16-month postgraduate stipend under the **TEQIP Phase II** program while pursuing M.Tech at Basaveshwar Engineering College (BEC), Bagalkot, Karnataka.
2. Recognized as a **Mentor** under **NPTEL Local chapter** of **Soil Mechanics** subject.
3. Recognized as a Reviewer of IJCE Journals.
4. Recognized as a Reviewer of IEAE Journals.
5. Recognized as a Resource person for the Subject “Soil Dynamics” R-19 syllabus under Mumbai University.
6. **Recognized as a Resource person** for the Subject “Foundation Analysis and Design” R-19 syllabus under Mumbai University.
7. Held position as a **Chairperson** at the question paper setting for the Subject “Geotechnical Engineering” under Mumbai University.
8. Secured 1st Rank during both undergraduate and postgraduate studies.

PROFESSIONAL ACTIVITIES OTHER THAN TEACHING

1. Consultancy Work: Successfully conducted soil testing projects valued at over ₹10 lakh.
2. Building Design work

Technical skills

- ✓ Basic knowledge of science
- ✓ Basics of Engineering Mechanics
- ✓ Structural Engineering
- ✓ Geotechnical Engineering
- ✓ Transportation Engineering
- ✓ Estimation & Costing
- ✓ Building Design and Drawing

Knowledge of Softwares

- ✓ AutoCAD-2D
- ✓ AutoCAD-3D
- ✓ Revit
- ✓ PLAXIS software
- ✓ CASTER software
- ✓ ABAQUS and CFD Simulation software
- ✓ MS office

Area of Interest

- ✓ Teaching, Construction works, Soil testing, Site Engineer and Research

Personnel Assets

- ✓ Believe in the spirit of teamwork
- ✓ Continuous learner
- ✓ Open minded and always willing to share ideas and thoughts
- ✓ Adaptable with people at different levels

Hobbies

- ✓ Playing and watching Cricket
- ✓ Listening Music
- ✓ Reading Books

Projects Undertaken in Engineering

- ✓ *A Study on Lift Irrigation System of Upper Krishna Project of Marol Village Bagalkot Dist. Karnataka – UG Major Project.*
- ✓ *Stress-Strain Behaviour of Fine grained Soil by Varying Sand Content– M. Tech Project.*
- ✓ *Influence of Landfill Leachate on Geotechnical Properties of Soil and Ground Water Qualities–Ph.D work. (On Going)*
- ✓ I have guided 30+ numbers of UG projects successfully.

Personal Details

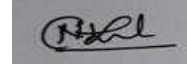
Father's Name : Holebasappa Koppa
Date of Birth : 21st December, 1990
Language Known : English, Hindi, Marathi, Kannada,
Gender : Male
Marital Status : Married

Declaration

I undersigned Mr. NAGARAJ H. KOPPA hereby declare that the details given above are true to my knowledge and belief.

Place: Vijaypur, Karnataka

Date:



Signature