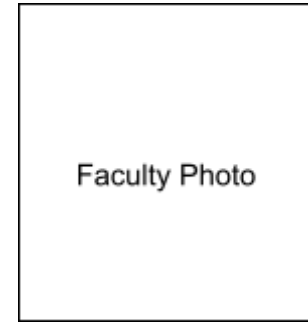


Faculty Profile



Dr. Venugopal G, is a passionate researcher and academician with a Ph.D. in Civil Engineering, specializing in Geotechnical Engineering. As an Assistant Professor in the Department of Civil Engineering at RV College of Engineering, Bengaluru, he plays a dynamic role in both academia and industry. Alongside mentoring students and delivering core civil engineering courses, he is deeply involved in high-impact consultancy projects with government bodies and private firms, including the Government of Karnataka and South Western Railways. His active engagement in the field bridges the gap between classroom concepts and real-world applications, contributing to a stronger, smarter, and more sustainable built environment.

Personal Information

- **Name:** Dr. Venugopal G.
- **Designation:** Assistant Professor
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Google Scholar: <https://scholar.google.com/citations?hl=en&user=ftSfKI8AAAAJ/>

Research Gate: https://www.researchgate.net/profile/Venugopal-Gangarangaiah?ev=hdr_xprf/

LinkedIn: www.linkedin.com/in/venugopal-g-a50061104/

ORCID: <https://orcid.org/0000-0002-2011-6858>

Domain of Expertise

Civil Engineering (Geotechnical Engineering)

Research Focus

Primary Area: Subsurface Exploration, Reinforced soil structure and Stabilization.

- **Allied Areas:**
 - o Construction (Buildings, Bridges, Roads, etc.)

Academic Qualifications

- **Ph.D.:** Civil Engineering, Visvesvaraya Technological University, 2024.

(Title: *ENGINEERING PROPERTIES OF EXPANSIVE SOILS TREATED WITH RBI GRADE-81*)

- **M.Sc./M.Tech:** Geotechnical Engineering, UVCE, Bangalore University, 2011.
- **B.E./B.Tech:** Civil Engineering, UBDTCE, Kuvempu University, 2007.

Professional Experience

Experience			
S. No.	Institute/College/Industry	Job Title	Duration (From- To)
1.	Krusha Builders	Site Engineer (QC/QS)	01/11/2007 – 21/09/2009
2.	Dayananda Sagar College of Engineering	Assistant Professor	12/08/2011 to 31/01/2015
3.	RV College of Engineering	Assistant Professor	05/02/2015 to till date

Publications & Patents

Journal Publications

1. **Venugopal G**, Manjunath K.R and Rudresh A.N, "Effect of Random Inclusion of Sisal Fibre on Strength Behavior of Black Cotton Soil" IJERT, Vol. 2 Issue 7, July - 2013. DOI: 10.17577/IJERTV2IS70815
2. S. Samarth, S. Nethravathi, M. S. Nagakumar and **G. Venugopal**, "Analysis and Design of Pile Foundations for a Sewage Treatment Plant" Construction in Geotechnical Engineering, Lecture Notes in Civil Engineering, Springer - 2020, Volume 84, Page No. 363 to372. DOI: 10.1007/978-981-15-6090-3_25.
3. **G. Venugopal**, Sureka Naagesh, S. Gangadhara, "Impact of RBI Grade-81 on expansive soil strength characteristics", Materials Today: Proceedings 2021, Volume 46, Part 10, 2021, Pages 5171-5175. DOI: 10.1016/j.matpr.2021.01.716.
4. **Venugopal G**, Sureka Naagesh and Gangadhara S, "Effect of RBI Grade 81 on Strength Characteristics of Expansive Soil", © 2022 ECS - The Electrochemical Society ECS Transactions, Volume 107, and Number 1. DOI: 10.1149/10701.15033ecst.
5. B K Bharath and **Venugopal G**, "Analysis of Flexible Pavement Over Expansive Subgrade Soil Using Plaxis Software", © 2022 ECS - The Electrochemical Society, ECS Transactions, Volume 107, Number 1. DOI: 10.1149/10701.15111ecst.
6. B. G. Anand Kumar , S. M. Basutkar , M. V. Renukadevi ,Vikas Mendi , and **G. Venugopal**, "Use of Reclaimed Foundry Sand (RFS) as Fine Aggregate in Mortars and Concrete", Recent Advances in Building Materials and Technologies, Lecture Notes in Civil Engineering pp 153-163, Volume 456, 2024. eBook ISBN 978-981-99-9458-8. DOI: 10.1007/978-981-99-9458-8_15.

Conference Papers

1. K.R. Manjunath, **G. Venugopal**, "**Laboratory Investigation of Black Cotton Soil and Red Soil Stabilized with terrasil and cement**", National conference on "Recent advances in Material Science and its Applications (RAMSA-2016)" at School of Engineering and Technology, Jain University, Bengaluru., on 24th September 2016.
2. C. P. Mahesha, **G. Venugopal**, S. Gangadhara, Sureka Naagesh, "**Stabilization Of Black Cotton Soil Using Recron 3s Fibre And Fly Ash**", National conference on "Transportation Systems Engineering and Management (CTSEM-2016)" at BMSCE, Basavanagudi, Bengaluru., on 24th and 25th November 2016.
3. Parikshith P Kalase Gowda, Sagar Rathode, Yashwantha G M, Sachin K S, **Venugopal. G** "**Durability studies on Black Cotton Soil treated with Lime and RBI Grade 81**" in National Conference on Recent Technologies in Engineering and Basic Sciences-2020, organized by BVC Engineering college, Andhra Pradesh, India.
4. Shantamma, Naveenkumar M. N, Santhosha U. G, Shoukatali Hujare, **Venugopal. G** "**Stabilization of Black Cotton Soil Using RBI Grade 81 and Fly ash**" in National Conference on Recent Technologies in Engineering and Basic Sciences-2020, organized by BVC Engineering college, Andhra Pradesh, India.

Books/Book Chapters

Patents [Filed / Published / Granted]

R & Grants & Consultancy Projects

Ongoing & Completed Research Projects

Ongoing & Completed Consultancy Projects

- "Haveri District Multi Village Water Supply Scheme", Soil Investigation at locations pertaining to the project, cost 3, 16,919 Rs. **Govt. of Karnataka** / Megha Engineering & Infrastructures Ltd., 2023.
- Gadag-Wadi Section: Soil Investigation for **Indian Railways**, cost more than 5, 00,000 Rs., 2023-2025.

Professional Memberships

- Life Member for Indian Society for Technical Education - **ISTE (LM 83473)**
- Life Member for Indian Geotechnical Society- **IGS (LM 4451)**

Awards & Recognitions

- Research Supervisor Recognition from VTU–2025.

Student Supervision

- Ph.D. Candidates: --
- M.Tech/M.Sc. Students: 10
- Undergraduate Research Mentees: 20

Professional Roles

Teaching

Core Courses:

- CV363IA–Geotechnical Engineering.
- CV242TA–Environment and Sustainability.

Advanced/Lab Courses:

- CV363IA–Geotechnical Engineering Lab.

Responsibilities

- **Academic:** Department NBA Coordinator.
- **Administrative:** Geotechnical Engineering Lab In-charge.

External Connect

- Member of BoE – BMSCE and SIT.