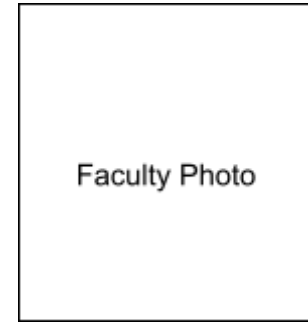


Faculty Profile



Dr. Vageesh H. P is a passionate researcher and academician with a Ph.D. in Civil Engineering, specializing in cutting-edge repair strategies and Non-Destructive Testing (NDT) of concrete structures. His work centers around sustainable construction practices and the use of innovative materials to enhance structural resilience and environmental compatibility. With a keen focus on blending durability with eco-conscious design, his research drives forward-thinking solutions for the challenges of modern infrastructure.

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. VAGEESH H P
- **Designation:** Assistant Professor
- **Department:** CIVIL ENGINEERING
- **Email:** vageeshhp@rvce.edu.in
- **Phone:** 8971713888

ORCID: <https://orcid.org/0000-0002-1627-5944>

Domain of Expertise

Structural engineering, Design of steel structures, Estimation and costing, Disaster management, Structural health monitoring, Repair and Rehabilitation of structures.

Research Focus

- **Primary Area:** Sustainable construction processes, Sustainable materials, Wrapping technique, repair of concrete structures and Non Destructive testing of concrete
- **Allied Areas:**
 - Alternative materials
 - NDT

Academic Qualifications

- **Ph.D.:** Civil Engineering, 2025

- **M.Tech:** Computer Aided Design of Structures and Sub structures, 2011
- **B.E. :** Civil Engineering, 2025

Professional Experience

Experience			
S.No	Institute/College/Industry	Job Title	Duration (From- To)
1.	University BDT College of Engineering, Davanagere	Lecturer on contract	October 2010 to October 2013.
2.	Axum University, Ethiopia	Assistant Professor	October 2013- October 2015
3.	RV College of Engineering, Bengaluru	Assistant Professor	February 2016-till date

Publications & Patents

Journal Publications

1. Vageesh H.P. and H.Eramma "Structural Performance of FRP Wrapped Reinforced SCC Columns Made Utilizing Marginal Materials", Journal of Institute of Engineers India Series-D, March 2024, Springer Nature, <https://doi.org/10.1007/s40033-024-00667-y>
2. Hemanth kumar P.R., Vageesh H.P. and H. Eramma "A study on hinged column in RC frame made with SCC", I-Manager journal of Structural Engineering, Vol-9, No-4, pp 31-39, February 2021.
3. Lokeshwari M, Raghavendra T, Sunil S, Vageesh H P and Durga Prashanth L "Replacement of fine aggregate in self curing concrete by quarry dust and granite fines" Pollution Research, Volume 40, Issue 4, December 2021, pages 1561-1566. http://www.envirobiotechjournals.com/article_abstract.php?aid=12020&iid=341&jid=4
4. Ramesh C. P, Vageesh H. P, Raghavendra T, Udayashankar B C and Shashishankar A "Self compacting concrete containing large volumes of Class C flyash and processed slag sand for carbon foot print mitigation" International Journal of Engineering Research and Technology (IJERT), Vol.12, Number 5, 2019, pp. 636-641.
5. Ramesh C. P, Vageesh H. P, Raghavendra T, Udayashankar B C and Shashishankar A "High volume Class C fly ash containing self-compacting concrete for sustainable development" International Journal of Civil Engineering and Technology (IJCIET), Vol.10, Issue 04, April 2019, pp. 1740-1752. <http://www.irphouse.com/volume/ijertv12n5.htm>
6. Anand Kumar B.G, Vageesh H.P, Effect of discarded plastic waste as stabilizer on engineering properties of cohesive soil" International journal of Engineering Technology Science and Research, ISSN 2394-3386, Volume 4 Issue 12, December 2017, Page 779 to 786. http://www.ijetsr.com/images/short_pdf/1514310248_779-786-jbrec164_ijetsr.pdf
7. Vageesh H.P and Reena K "Fly ash as partial replacement for cement in self compacting concrete- a study on compressive, tensile and flexural strength".IJATES-volume 2, issue 11 , November 2014

8. Vageesh H.P and Reena K "Effect of size and volume of coarse aggregate on the properties of self-compacting concrete", IJREAT-volume 2, issue 6, dec-jan, 2015
9. Vageesh H.P and Kotresh K.M. "Cost effective concrete by using mangalore tile wastages & iron ore slag", IJRSET-volume 4, issue 4, april, 2014

Conference Papers

10. T. Raghavendra, H.P. Vageesh, M. Lokeshwari, S. Sunil, and L. Durga Prashanth "Engineering Properties of Concrete Containing Hazardous Drywalls Waste and GGBS", 2nd International Conference on Sustainable Construction Technologies and Advancements in Civil Engineering (ScTACE2021), 14-16 October 2021, Andhra Pradesh, India.
11. H.P. Vageesh, M. Lokeshwari, L. Durga Prashanth, T. Raghavendra, and S. Sunil "Superior Structural Behavior Of EcBcDc System Under Seismic Loading Over Mivan And Framing System", 2nd International Conference on Sustainable Construction Technologies and Advancements in Civil Engineering (ScTACE2021), 14-16 October 2021, Andhra Pradesh, India.
12. Raghavendra, T., Vageesh, H.P., Lokeshwari, M., Sunil, S., and Durga Prashanth, L. "Mechanical and Durability Properties of Sustainable Concrete", Second ASCE Conference in India on "Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies (CRSIDE 2020)", Volume No. 1 (ISBN: 978-93-5396-500-6), Edition: 2020 (Edition No. 1), pp.220, 02-04 March, 2020, Novotel Kolkata Hotel And Residences CF 11 Action Area 1C New Town Rajarhat 700156 KOLKATA, INDIA.
13. Lokeshwari, M., Raghavendra, T., Sunil, S., Durga Prashanth, L. and Vageesh, H.P. "Replacement of Fine Aggregate in Self Curing Concrete by Quarry Dust and Granite Fines", Second ASCE Conference in India on "Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies (CRSIDE 2020)", Volume No. 1 (ISBN: 978-93-5396-500-6), Edition: 2020 (Edition No. 1), pp.205, 02-04 March, 2020, Novotel Kolkata Hotel And Residences CF 11 Action Area 1C New Town Rajarhat 700156 KOLKATA, INDIA.
14. Sunil, S., Durga Prashanth, L., Raghavendra, T., Vageesh, H.P. and Lokeshwari, M. "Flowability and Strength of Cement Mortar Grout for Semi Rigid Pavement", Second ASCE Conference in India on "Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies (CRSIDE 2020)", Volume No. 1 (ISBN: 978-93-5396-500-6), Edition: 2020 (Edition No. 1), pp.303, 02-04 March, 2020, Novotel Kolkata Hotel And Residences CF 11 Action Area 1C New Town Rajarhat 700156 KOLKATA, INDIA.
15. Vageesh, H.P., Lokeshwari, M., Durga Prashanth, L., Raghavendra, T., and Sunil, S. "Structural Behaviour Comparison of ECBCDC, Mivan and Framing Systems for Seismic Analysis of Multistoried Building", Second ASCE Conference in India on "Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies (CRSIDE 2020)", Volume No. 1 (ISBN: 978-93-5396-500-6), Edition: 2020 (Edition No. 1), pp.310-311, 02-04 March, 2020, Novotel Kolkata Hotel And Residences CF 11 Action Area 1C New Town Rajarhat 700156 KOLKATA, INDIA.
16. Ramesh C.P., Vageesh H.P., Raghavendra T., Udayashankar B.C., Shashishankar A. "Proportioning of CLSM Containing Class C Fly Ash, GGBS, Quarry Dust and Processed Slag Sand", International Conference GeoMEast 2018, 24-28 November, 2018, Cairo, Egypt.
17. Vageesh H.P., Ramesh C.P., Raghavendra T., Udayashankar B.C., Shashishankar A. "Engineering Properties of Self-compacting Concrete Containing Class C Fly Ash and Processed Slag Sand", International Conference GeoMEast 2018, 24-28 November, 2018, Cairo, Egypt.

Books/Book Chapters

18. Raghavendra, T., Vageesh, H.P., Lokeshwari, M., Sunil, S., Durga Prashanth, L. (2022). Engineering Properties of Concrete Containing Hazardous Drywalls Waste and GGBS. In: Kumar, P.G., Subramaniam, K.V.L., Santhakumar, S.M., Satyam D., N. (eds) Recent Advances in

- Civil Engineering. Lecture Notes in Civil Engineering, vol 233. **Springer, Singapore**. https://doi.org/10.1007/978-981-19-0189-8_36
19. Raghavendra T, Jawad Fayaz, Gurunandan M and Vageesh H P “20 – Application of fly ash in flowable fills and self-compacting concretes”, Editor(s): Kamal K. Kar, *Handbook of Fly Ash, (Elsevier Imprint) Butterworth-Heinemann, 2022, Pages 611-656, ISBN: 9780128176863*, <https://doi.org/10.1016/B978-0-12-817686-3.00014-1>. (<https://www.sciencedirect.com/science/article/pii/B9780128176863000141>)
 20. Ramesh C.P., Vageesh H.P., Raghavendra T., Udayashankar B.C., Shashishankar A. (2019) Proportioning of CLSM Containing Class C Fly Ash, GGBS, Quarry Dust and Processed Slag Sand. In: Ameen H., Sorour T. (eds) *Sustainability Issues in Environmental Geotechnics*. GeoMEast 2018. **Sustainable Civil Infrastructures. Springer, Cham** DOI:https://doi.org/10.1007/978-3-030-01929-7_6. https://link.springer.com/chapter/10.1007/978-3-030-01929-7_6
 21. Vageesh H.P., Ramesh C.P., Raghavendra T., Udayashankar B.C., Shashishankar A. (2019) Engineering Properties of Self-compacting Concrete Containing Class C Fly Ash and Processed Slag Sand. In: Rodrigues H., Elnashai A. (eds) *Advances and Challenges in Structural Engineering*. GeoMEast2018. **Sustainable Civil Infrastructures. Springer, Cham** DOI: https://doi.org/10.1007/978-3-030-01932-7_18 https://link.springer.com/chapter/10.1007/978-3-030-01932-7_18

Patents **[Filed / Published / Granted]**

NA

R & Grants & Consultancy Projects NA

Ongoing & Completed Research Projects

NA

Ongoing & Completed Consultancy Project

Professional Memberships

NA

Awards & Recognitions

NA

Student Supervision

- Ph.D. Candidates: **NA**
- M.Tech/M.Sc. Students: 6
- Undergraduate Research Mentees: 32

Professional Roles NA

Teaching

Core Courses: [Current semester]

- HS351TA Entrepreneurship and Intellectual Property Rights
- HS261AT Principles of Management and Economics

Advanced/Lab Courses:

- Advanced cementitious composites– MST322IA, CV244AI Building Planning and Drawing

Professional Roles NA

Responsibilities

- **Academic:** Exam Unit Coordinator, UGC Autonomy, SAP Coordinator.
- **Administrative:** Survey Camp Officer.

External Connect

- NA