

Faculty Profile

Dr. Durga Prashanth L is an Assistant Professor in the Department of Civil Engineering. He obtained both Doctor of Philosophy and Master of Technology degrees from National Institute of Technology Karnataka, Surathkal, India. He holds Bachelor of Engineering degree in Civil Engineering from Visvesvaraya Technological University, India. His research and teaching experience include: transportation pavement materials, design, maintenance, and rehabilitation; sustainable & smart infrastructures. During the last fifteen years, he has been involved in several studies that focused on fundamental materials properties and sustainable innovative solutions to enhance quality-of-life initiatives. He is a Lifetime member of various professional bodies. He has authored / co-authored and contributed papers in scholastic journals and peer-reviewed international conferences till date.



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Personal Information

- **Name:** Dr. Durga Prashanth L
- **Designation:** Assistant Professor
- **Department:** CIVIL ENGINEERING
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Domain of Expertise

Sustainable Pavement materials and environment.
Impact of marginal and alternative materials in climate change
Road safety in mixed traffic conditions.
Soil Stabilization.

Research Focus

- **Primary Area:** Sustainable pavement materials- characterization and performance
- **Allied Areas:**
Sustainable Transportation, Road safety engineering.

Academic Qualifications

- **Ph.D.:** Civil Engineering, NITK Surathkal, India, 2020
- **M.Tech:** Transportation Systems Engineering, NITK Surathkal, India, 2010.
- **B.E. :** Civil Engineering, 2008.

Professional Experience

Experience			
S.No	Institute/College/Industry	Job Title	Duration (From- To)
1.	RV College of Engineering, Bengaluru	Assistant Professor	September 2010 - till date
2	RV College of Engineering, Bengaluru	Lecturer	September 2010- December 2010

Publications & Patents

Journal Publications

1. Marathe, S., Prashanth L, D., & Sadowski, Ł. (2024). Engineering of alkali-activated permeable pavement composites with agro-industrial wastes. *International Journal of Pavement Engineering*, 25(1). <https://doi.org/10.1080/10298436.2024.2431600>.
2. Shree, N., Marathe, S., Sadowski, Ł., Akhila, S., & Prashanth, L. D. (2024). Effect of bio-admixture on the properties of cement-slag based sustainable pervious concrete mixes for road infrastructure. *Road Materials and Pavement Design*, 1–25. <https://doi.org/10.1080/14680629.2024.2437664>.
3. Durga Prashanth, L., Palankar, N. & Ravi Shankar, A.U. A study on the effect of rejuvenators in reclaimed asphalt pavement based stone mastic asphalt mixes. *Int. J. Pavement Res. Technol.* 12, 9–16 (2019). <https://doi.org/10.1007/s42947-019-0002-7>
4. Chandrashekara, A., Palankar, N., Durga Prashanth, L. et al. A Study on Elastic Deformation Behavior of Steel Fiber-Reinforced Concrete for Pavements. *J. Inst. Eng. India Ser. A* 100, 215–224 (2019). <https://doi.org/10.1007/s40030-018-00357-5>
5. Haricharan, T. S., Vinay Kumar, K. S., Durga Prashanth, L., & A U, Ravishankar. (2013). Laboratory investigation of expansive soil stabilized with natural inorganic stabilizer. *International Journal of Research in Engineering and Technology*, eISSN, 2319-1163.
6. Varghese, G., Ramakrishna, H., Kumar, A. N., Prashanth, L. D., & Santosh, G. (2012). A Model Study on Accelerated Consolidation of Coir Reinforced Lateritic Lithomarge Soil Blends with Vertical Sand Drains for Pavement Foundations. *Open Journal of Soil Science*, 2(03), 320. DOI: 10.4236/ojss.2012.23038
7. George, V.; Santosh, G.; Hegde, R.; Durga Prashanth, L.; Gotamey, D.; Ravi Sankar, A.U. (2012). A model study on accelerated consolidation of coir reinforced laterite and blended shedi soil with vertical sand drains for pavement foundations. *International Journal of Earth Sciences and Engineering*

Conference Papers

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. Vageesh, H.P., Lokeshwari, M., Durga Prashanth, L., Raghavendra, T., and Sunil, S. "Structural Behaviour Comparision of ECBDC, 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.

Books/Book Chapters

7. 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

Patents [Filed / Published / Granted]

NA

R & Grants & Consultancy Projects NA

Ongoing & Completed Research Projects

NA

Ongoing & Completed Consultancy Project

- Soil Investigation for Multi village water supply scheme, Hanur taluk, Chamarajanagar district.
- Soil Investigation for proposed layout for Royal Developers at Kengeri , Bengaluru.

Professional Memberships

1. Indian Roads Congress (IRC) New Delhi, India, Life Member, (LM-41084) June 2014
2. Indian Geotechnical Society (IGS) New Delhi, India, Life Member, (LM-4687)
3. American Society of Civil Engineers (ASCE) Virginia, USA, A.M. ASCE (11316276)

Awards & Recognitions

NA

Student Supervision

- Ph.D. Candidates: NA
- M.Tech/M.Sc. Students: 27
- Undergraduate Research Mentees: 18

Professional Roles NA

Teaching

Core Courses: [Current semester]

- Traffic Engineering and Management (MHT322IA).
- Universal Human Values (HS248AT).

Advanced/Lab Courses:

- Traffic Engineering and Management- MHT322IA, Geotechnical Engineering – CV363AI

Professional Roles NA

Responsibilities

- **Academic:** Course coordinator – Highway Engineering.

- **Administrative:** Exam Coordinator.

External Connect

- Board of Examiner- Expert member for PG studies - Highway Engineering-University Visveswaraiah College of Engineering, Bengaluru.