

Faculty Profile

Name: Dr SriRashmi S
Designation: Assistant Professor
Department: Civil Engineering
E-mail: srirashmis@nie.ac.in
Phone: +919964769197



About me: My academic journey as an Assistant Professor spans 14 years. I joined the Department of Civil Engineering at NIE, Mysuru, as a Teaching Faculty member in 2015. Previously worked in the Department of Civil Engineering at EPCET, Bangalore. The profession has provided me with a solid foundation in environmental science, Engineering principles, and sustainable practices.

During my academic journey, I had the opportunity to delve into various aspects of environmental engineering, including Ecology and Environment, Environmental Protection, Environmental Sanitation, Occupational Safety and Health, Air Pollution Monitoring, and Transport of Pollutants. This diverse exposure has allowed me to develop a well-rounded perspective on environmental issues and Sustainability Concepts. My PhD work also emphasises the importance of sustainability in Engineering and Managerial roles related to Sanitation and the low-cost economy, addressing aspects of the circular economy and their implications. Recently, I have been working with UG student projects based on applications of Occupational Safety and Health, such as BOW-TIE and ISHIKAWA method, to identify real-life problems through simulated approaches to reduce cost and improve sustainability.

Qualification:

B.E.: Environmental Engineering, VVCE (VTU), Mysuru,

M.Tech: Environmental Engineering – Health Sciences and Water Engineering, SJCE(VTU), Mysuru,

PhD – Faculty in Civil Engineering Sciences (VTU, Belagavi).

Courses Taught:

Disaster Management and Mitigation, Occupational Safety and Health Monitoring, Conservation of Natural Resources, Biology for Engineers, Environmental Hydrology, Sustainable Rural Development, and Engineering Mechanics.

Publications:

Journal Publications

1. Srirashmi, S., Varshini, R., Istalingamurthy, D., Lokesh, K.S. "Study on Impact of Ecological Sanitation on Water and Possible Health Implications At Mosarahalla Village – Karnataka" July- September 2020 Journal of Indian Water Works Association Vol. LII (3):166.

Conference Proceedings

1. Adithya R., Manvitha A. Urs, Kavya K.N., Abhishek V. Gowda, Sri Rashmi S., and Balaji N. C., (2021), Experimental study on Compressive Strength and Healing Behaviour of Bio-Concrete, Proceedings of National Conference on Innovations & Recent Trends in Civil Engineering (NCIRCE-2021) 9th and 10th June 2021, Sri Venkateshwara College of Engineering, Bengaluru, India, pp. 53-56.
2. Possible risk on human health and agricultural land associated with application of humanure Possible risk on human health and agricultural land associated with application of humanure, CTCS-2020, NMAM Institute of Technology, NITTE. Dec 22, 2020.
3. Tarannum Mulla, Kiran S & SriRashmi S "A Study on Landslide Prone Areas in The Eastern Ghats and Risk Analysis Using the Bowtie Technique" Poster Presentation at the International Conference on Ground Improvement, Landfills, and Sustainability (GLS-2025), July 18–19, 2025, Indian Institute of Science (IISc), Bengaluru,

Book Chapters

1. Srirashmi, S., Varshini, R., Istalingamurthy, D., Lokesh, K.S. (2022). Possible Risk on Human Health and Agricultural Land Associated with Application of Humanure. Sustainability Trends and Challenges in Civil Engineering. Lecture Notes in Civil Engineering, vol 162. Springer, Singapore.
https://doi.org/10.1007/978-981-16-2826-9_40

Expert Lecture Delivered: Training on EMS Procedures at L&T Corporate Technology Engineering Academy, Mysore (CTEA) 2023.

Mentor: Through GRAAM (NGO), I was selected as a mentor for the Youth for Governance Fellowship (Y4G) Mysuru 2025.

Awards and Honours:

1. Shri S P Unvala Memorial Award for the Best article published in the Journal of Indian Water Works Association, Issued by Indian Water Works Association on 7th Jan 2022, Lucknow.

Patent Published

1. Invented a model on "Wash water treatability Technique for the Liquid Waste generated from Flour Mill and method therefrom" and the invention was applied for patent through The National Institute of Engineering, Mysuru, which has been published on 16th January 2026.

Sponsored Project (UG Projects under guidance)

1. Student Project conducted under my guidance in the year 2024 - 2025 was selected for AICTE Productisation Fellowship- Round 1 Evaluation on 2nd December 2025 at Ramaiah University, Bangalore.
2. Student Minor Project was selected for Poster Presentation at the International Conference on Ground Improvement, Landfills, and Sustainability (GLS-2025), July 18–19, 2025, Indian Institute of Science (IISc), Bengaluru,

2. Student Project conducted under my guidance in the year 2023 – 2024 was selected under IWWA-SRPP:2023-24 and sponsored with Rs. 10,000/-.
3. Student Project conducted under my guidance in the year 2022– 2023. Student Project sponsored for KSCST 46th Series for the academic year 2022-2023 for the Working Model development of Sequential Batch Reactor for Jwalamala Flour Mill Washwater Treatability Technique, and sponsored with Rs. 5,000/-, which was later selected and applied for patent through NIE.

Responsibilities held at NIE

Institute level Co-Ordinator for Centre for Workplace Safety and Health (CWSH), NIE South Campus, Mysuru, Department Time Table Co-Ordinator, and Department Level Coordinator for AICTE Activity,

Certifications:

1. Certificate of Course Completion on Planning and Design of Sanitation Systems and Technologies, an online non-credit course authorised by EPFL – EAWAG and offered through Coursera.
2. Certified with Karnataka State Council for Science and Technology (KSCST) for the 32nd series of the Student Project Program.

Professional Membership

1. Lifetime Member of the Indian Water Works Association.
2. Lifetime member of The Institute of Engineers (India)
