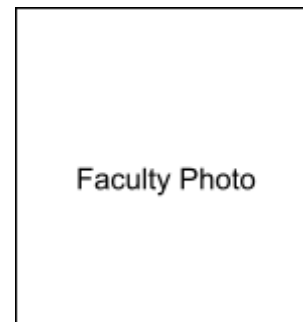


Prof. Shashi Kiran C R

Assistant Professor, Department of Civil Engineering

R V College of Engineering, Bengaluru, Karnataka, India



Prof. Shashi Kiran C R is an accomplished academic and researcher currently serving as an **Assistant Professor** in the Department of Civil Engineering at **RV College of Engineering**, Bengaluru—an autonomous institution affiliated with Visvesvaraya Technological University, Belagavi. With over a **decade of experience** in the field of **Environmental Engineering**, he brings a distinctive combination of academic excellence, research innovation, and student mentorship to the civil engineering and environmental domains.

He holds a **Bachelor of Engineering (B.E.)** and a **Master of Technology (M.Tech)**, and is presently pursuing his **Doctoral degree (Ph.D.)**. His core research interests include **sustainable environmental practices, water and wastewater treatment, greywater reuse, pollution control technologies**, and the application of **green engineering** for infrastructure development.

Throughout his academic journey, Prof. Shashi Kiran C R has consistently contributed to the advancement of environmental engineering through scholarly publications, international conference presentations, collaborative research, and curriculum development. He continues to guide young engineers toward solving real-world sustainability challenges through innovation and responsible engineering practices.

Personal Information

- **Name:** SHASHI KIRAN C R
- **Designation:** Assistant Professor
- **Department:** Department of Civil Engineering
- **Email:** shashikirancr@rvce.edu.in
- **Phone:** 080-68188186
- **Google Scholar** - [b6oEPaMAAAAJ&hl](https://scholar.google.com/citations?hl=b6oEPaMAAAAJ&hl)
- **Research Gate** - <https://www.researchgate.net/profile/Shashi-Kiran-C-R-2>
- **Scopus Author ID:** [57191959343](https://orcid.org/0000-0002-0405-575X)
- **Researcher Id:** [Q-9248-2016](https://orcid.org/0000-0002-0405-575X)
- **ORCID:** <https://orcid.org/0000-0002-0405-575X>

Domain of Expertise

Research Focus

- Primary Area:
- Environmental Pollution Control Engineering
 - Sustainable Water and Wastewater Treatment
 - Waste Valorization and Green Construction Materials
 - Urban Water and Environmental Engineering
 - Climate Change Impact Assessment and Environmental Management

■ Carbon Foot printing and Cleaner Production

● Remote Sensing and GIS Applications in Environmental Planning

● Allied Areas:

- Sustainable Development and Environmental Policy
- Solid and Hazardous Waste Management
- Environmental Impact Assessment (EIA) and Life Cycle Analysis (LCA)
- Climate-Resilient Urban Infrastructure
- Remote Sensing and Geo-Informatics in Environmental Monitoring
- Energy–Water–Environment Nexus

Academic Qualifications

- **M.Tech:** Environmental Engineering, Visvesvaraya Technological University, 2013
- **B.E.:** Civil Engineering, Visvesvaraya Technological University, 2011

Professional Experience

Experience			
Sl. No	Institute/College/Industry	Job Title	Duration
1.	RV College of Engineering, Bengaluru - 560059	Assistant Professor	2016 - Till Date
2.	ACS College of Engineering, Bangalore - 74	Assistant Professor	2013 - 2016

Publications & Patents

Journal Publications

1. Shashi Kiran C R, et.al., International Journal of Advanced Research Foundation [IJARF] –Environmental Management by Process stage – case study during February 2014. www.ijarf.com
2. Shashi Kiran C R, et.al., International Journal of Advanced Research Foundation [IJARF] – Recycled Plastic and Crushed Rock Powder as Coarse Aggregate and Fine Aggregate in Structural Concrete during February 2014. www.ijarf.com
3. Shashi Kiran C R, et.al., International Journal of Engineering Research and Technology [IJERT] – Recycled Plastic and Crushed Rock Powder as Course Aggregate and Fine Aggregate in Structural Concrete during February 2014. www.ijert.com.
4. Shashi Kiran C R, et.al., Alternate Energy Production by Biodegradation of Organic (food) Waste and Disposal at the Source., Volume 3, Issue 2, February 2016. www.ijarf.com
5. Shashi Kiran C R, et.al., **IJCIET** – Study on Elevated Temperature on Phospogypsum Concrete, Volume 7, Issue 2, March–April 2016.
6. Shashi Kiran C R, et.al., International Journal of Latest Trends in Engineering and Technology [IJLTET] – A review on impact of climate change on Food Production, May 2016. www.ijltet.com.

7. Shashi Kiran C R, et.al., Impact of global atmospheric changes on natural resources – Reduction of Food Waste by Scientific Methods, November 2018.

Conference Papers

1. Sustainable use of Grey water for Lower Floor Toilet Flushing” – Shashi Kiran C R, M C Sampath Kumar, et.al., Third International Conference on Nano-technology and materials science, Rome, Italy 2019,
2. Dairy Wastewater treatability studies by soil aquifer treatment system in conjunction with different adsorbents” – Shashi Kiran C R, M C Sampath Kumar. et.al., Third international conference on Nano-technology and materials science, Rome, Italy 2019
3. Shashi Kiran C R, et.al., “Applications of Green Technology – a case study” in International Conference on Convergence of Science, Engineering and Management [ICCSEM] in Education and Research – A Global Prospective, organized by Dayananda Sagar College of Engineering, Bengaluru during 26 –27th September 2013.
4. Shashi Kiran C R, et.al., “Recycled Plastic and Crushed Rock Powder as Coarse Aggregate and Fine Aggregate in Structural Concrete” in International Conference Engineering Science and Management and Advances in Research Technology, organized by T. John Group of Institutions, Bengaluru during 29 – 30th April 2015.

Books/Book Chapters

1. Shashi Kiran C R, et.al., (2022). Drought Risk Assessment Using NDVI—A Case Study. In: Heggy, E., Bermudez, V., Vermeersch, M. (eds) Sustainable Energy-Water-Environment Nexus in Deserts. Advances in Science, Technology & Innovation. Springer, Cham. https://doi.org/10.1007/978-3-030-76081-6_29.
2. Shashi Kiran C R, et.al., (2022). Enviro-Safe Stabilization of Black Cotton Soil—Experimental Study with Optimal Proportion of Stabilizer. In: Heggy, E., Bermudez, V., Vermeersch, M. (eds) Sustainable Energy-Water-Environment Nexus in Deserts. Advances in Science, Technology & Innovation. Springer, Cham. https://doi.org/10.1007/978-3-030-76081-6_90.
3. Shashi Kiran C R, et.al., “Soil Stability: An Experimental Investigation Utilizing Bagasse Ash in Combination with Guar Gum and Xanthan Gum Biopolymers” – Tuijin Jishu/Journal of Propulsion Technology ISSN: 1001-4055 Vol. 44 No. 5 (2023), DOI: <https://doi.org/10.52783/tijpt.v44.i5.2744>.
4. Shashi Kiran C R, et.al., Experimental Investigation on Strengthening of Cohesive Soil Partially Replaced by Bagasse Ash and Treated with Metakaolin and Montmorillonite Clay, GRENZE International Journal of Engineering and Technology, Volume: 10 Issue: 2, Grenze ID: 01. GIJET .10.2.707, Pages: 5832-5836 I 2395-5295 (Online); 2395-5287 (Print). <http://gijet.thegrenze.com/>

Patents

1. "Changes In Metal Leaching from Coal Fly Ash During Wet Storage & Reuse" Application No: 202241002935, Publication Date: 04/02/2022

R & Grants & Consultancy Projects

Ongoing & Completed Research Projects

Ongoing & Completed Consultancy Projects

Professional Memberships

- INTERNATIONAL ASSOCIATION OF ENGINEERS

Awards & Recognitions

Student Supervision

- **Undergraduate Research Mentees:** 96 Students

Professional Roles

- **Editorial Board:**
 - Journal of Environmental Science and Health, Part A
- **Chair/Committee Member:**
- **Industry Advisor:**
 - Jal Jeevan Mission – GoI
 - Karnataka Urban Water Supply & Drainage Board – GoK
 - Rural Drinking Water and Sanitation Department – GoK

Teaching

Core Courses:

- CV362IA/21CV62 – Water and Wastewater Engineering
- CV242TA – Environment and Sustainability
- CV123ATB – Elements of Civil Engineering
- CV114ATG/CV124ATG – Green Buildings
- 18G7H05 – Solid Waste Management
- Air Pollution and Control

Advanced/Lab Courses:

- Surveying – I & II
- Building Planning & Drawing
- Environmental Engineering – I & II
- Photogrammetry & Remote Sensing
- Geographic Information System

Professional Roles

Responsibilities

- **Academic:** NPTEL – Mentor, UG – Counsellor, QuiklRn – Coordinator, English Language Laboratory – Coordinator, Project Committee – Coordinator, Magazine – Coordinator, Alumni Committee – Coordinator, Concrete Fair – Coordinator.

- **Administrative:** AICTE, NBA, NAAC, VTU – LIC, NIRF, TTO – Member, Infrastructure Committee – Member, Library – Department – Member, Website Coordinator.

External Connect

- Member of BoS/ BoE
 - New Horizon College of Engineering,
 - Bangalore Institute of Technology,
 - Dr. Ambedkar Institute of Technology,
 - Nitte Meenakshi Institute of Technology,
 - Dayanand Sagar College of Engineering,
 - VNR Vignana Jyothi Institute of Engineering and Technology.