

## 1. Personal Information

- **Name:** Dr. Mahesh Radhakrushna Gadekar
- **Position:** Assistant Professor
- **Department:** Civil Engineering Department
- **Contact Information:** [mrgadekar@sggs.ac.in](mailto:mrgadekar@sggs.ac.in), +91-986-0315-942.



## 2. Educational Background

- **Degrees:**
  - Doctor of Philosophy from Sardar Vallabhbhai National Institute of Technology, Surat in year 2018
  - Master of Technology in Civil Engineering with specialization in Environmental Engineering from Sardar Vallabhbhai National Institute of Technology, Surat in year 2012
  - Bachelor of Engineering in Civil Engineering from University of Pune, Pune in year 2009
- **Postdoctoral Experience:** -
- **Certifications:** -

## 3. Research Interests

- **Areas of Expertise:** Water and wastewater treatment, Low-cost treatments, Experimental design and soft computing techniques for modelling, geotechnical engineering
- **Ongoing Projects:** -
- **Interdisciplinary Work:** -

## 4. Teaching Experience

- **Courses Taught:**
  - Environmental Engineering
  - Theory of Structures
  - Bridge Analysis and Design
  - Applications of Artificial Intelligence in Civil Engineering
- **Course Development:** Second- and Third-Year syllabus for NEP-2020

## **5. Publications and Presentations**

- **Books:** -
- **Journal Articles:** 5
- **Conference Papers:** 4
- **Editorial Work:** Editorial Board Member of Discover Sustainability (Springer Nature)

## **6. Awards and Honors**

- **Grants:** -
- **Awards:**
  - Best Paper awards – Best paper award in International Conference on Recent Advances in Civil Engineering, 2016
  - Outstanding contribution in reviewing by Journal of Cleaner Production, 2017
  - Most cited paper award 2021 by Journal of Environmental Management, Elsevier
- **Fellowships:** -

## **7. Professional Experience**

- **Administrative Roles:**
  - Associate dean of Procurement and quality assurance
- **Industry Collaboration:** -
- **Consulting Work:**
  - Third party audit of roads
  - Geotechnical investigations
  - Water and wastewater testing
- **External Committees:**
  - Regular member of Indian Road Congress's G-3 committee on Reduction of carbon footprints in road construction and environment
  - Associate member of Indian Road Congress's H-5 committee on Rural Road Committee.

## **8. Supervision and Mentoring**

- **PhD/Master's Supervision:**
  - Masters: 1. Siddharth Butani

## **9. Professional Memberships**

- Life member of Institutions of Engineers [India]
- Life member of Indian Institute of Technical Education
- Life member of Indian Road Congress
- Life member of Indian Geotechnical Society
- Life member of Association of Consulting Civil Engineers
- Life member of Indian Institute of Bridge Engineers
- Life member of Indian Water Works Association

## **10. Miscellaneous**

- **Languages:**
  - MatLab
  - C
- **Skills:**
  - Design of Experiments
  - Soft computing
- **Personal Interests:** Reading, Writing, playing table tennis, tennis, badminton, volleyball, chess, carrom and computer games
- Reviewed more than 100 manuscripts for SCI/Scopus indexed reputed referred journals