

Basic format for (Faculty CV)

1. Personal Information

- **Name:** Dr. Mahesh Radhakrushna Gadekar
- **Position:** Assistant Professor
- **Department:** Civil Engineering Department
- **Contact Information:** 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:** 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

8. Supervision and Mentoring

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

9. Professional Memberships

- **Associations:**

- 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

- **Skills:**

- Design of Experiments
- Soft computing

- **Personal Interests:** Reading, Writing, playing table tennis, tennis, badminton, volleyball, chess, carrom and computer games