



**Mrs. Mrunmyee Deshpande**  
Assistant Professor, Department of Civil Engineering

 [mndeshpande.scoe@sinhgad.edu](mailto:mndeshpande.scoe@sinhgad.edu)

**OVERVIEW:**

**Qualifications:** ME Civil (Structures), BE (Civil)

**Experience:** Teaching -12 Years

**Date of Joining STES:** 04/07/2018

**Skills and Proficiencies:** AutoCAD (Drafting software), Microsoft office, STAAD Pro 2007 (Structural Software), ETABS (Structural software),

**AREA OF EXPERTISE /RESEARCH INTERESTS:**

- Structural Engineering and Concrete Technology, Geopolymer Concrete

**NUMBER OF STUDENTS GUIDED:**

- PG – 6, BE - 17

**RESEARCH PULICATIONS:**

**Publication Summary:**

1.[https://www.researchgate.net/publication/375774645\\_investigation\\_on\\_performance\\_of\\_red\\_mud\\_bauxite\\_residue\\_based\\_concrete](https://www.researchgate.net/publication/375774645_investigation_on_performance_of_red_mud_bauxite_residue_based_concrete).

2.[https://www.researchgate.net/publication/375525390\\_Utilizing\\_Red\\_Mud\\_as\\_a\\_Partial\\_Replacement\\_for\\_Cement\\_in\\_HighPerformance\\_Concrete\\_Assessing\\_Mechanical\\_and\\_Durability\\_Properties](https://www.researchgate.net/publication/375525390_Utilizing_Red_Mud_as_a_Partial_Replacement_for_Cement_in_HighPerformance_Concrete_Assessing_Mechanical_and_Durability_Properties).

**NOTABLE GUIDED PROJECTS:**

**PG projects:**

- Mechanical property evaluation of GPC: Comparative analysis with conventional concrete through strength and durability testing.

**UG Projects:**

- Utilizing Red Mud as a partial replacement for cement in high performance concrete: assessing Strength and durability properties.

### **RESOURCE PERSON TO INDUSTRY/ACADEMIA:**

- Resource person of One Day “Mechanics of Structures Lab Workshop” for the faculty under SPPU, in Sinhgad College of Engineering, 11th August 2022.
- Orientation about Training and Placement to TE & BE Civil Engineering Students

### **SUBJECTS TAUGHT:**

- Mechanics of Structures
- Design of RCC Structures
- Engineering Mechanics
- Concrete Technology
- Bio Mechanics & Bio Materials
- Design of Steel Structures

### **FDP/STTP/SDP/WORKSHOPS ORGANIZED AS A COORDINATOR:**

- Organized 3 – Civil Software Training Programs in AY 23-24 for the students of SE, TE & BE
- Organized “1 Day Mechanics of Structures Lab Workshop” for the faculty under SPPU, in Sinhgad College of Engineering, 11<sup>th</sup> August 2022.
- Finance Coordinator of the National-Level conference "Panchatatva," organized by the Department of Civil Engineering AY 2018-2019, Sinhgad College of Engineering Pune.
- Organized and worked as Finance Coordinator for Faculty Training Program on ‘Advanced Concrete Technology’.

### **FDP/STTP/SDP ATTENDED:**

- 1-day Workshop on OBE for Learning Enhancement at Sinhgad College of Engineering, Pune on 30<sup>th</sup> July 2024 Foundations in
- Open Source: A Comprehensive One-Week Short-Term Training Program on Linux and LibreOffice (CSTTP-2024) - 22<sup>nd</sup> July – 26<sup>th</sup> July 2024
- Vlabs Outreach, Sinhgad College of Engineering, Pune, 24<sup>th</sup> Dec 2020 4. One-week FDP on Basics of Engineering Mechanics, Zeal College of Engineering, Pune, 19<sup>th</sup> – 23<sup>rd</sup> March 2018
- “Recent trends in highway engineering” G. H. Rasoni College of Engineering, Pune, 12<sup>th</sup> & 13<sup>th</sup> October 2013
- One-week International Faculty Development Program on “Ethical Issues in Research Writing”, (Virtual Mode) – 11- 16, September 2024
- “OBE for Learning Enhancement” at Sinhgad College of Engineering, 30<sup>th</sup> July 2024.
- International One-Day Workshop on “Sustainable Design Thinking through Nature’s Solutions: Biomimicry” (Virtual Mode) – 8<sup>th</sup> October 2024

## RESPONSIBILITIES HANDLED AT STES/SCOE/DEPT:

### 1. Society Level:

Worked as a member of the career counselling committee.

### 2. Institute Level:

- Worked as Event Coordinator for Mission Admission from AY 2019 to 2024.
- Working as a member of the Student Development Committee at the Institute Level.
- Worked as a Committee member of Sinhgad Carnival, AY 2022-23.

### 3. Department Level:

- Appointed as External Examiner for SPPU exams.
- Finance coordinator of the National-Level conference "Panchatatva," organized by the Department of Civil Engineering AY 2018-2019, Sinhgad College of Engineering Pune.
- Worked as a member in organizing Department level FDP for Engineering Mechanics for AY 2019-20 Sinhgad College of Engineering Pune.
- Worked as a member of PGCON 2019, Civil Department, Sinhgad College of Engineering Pune member.
- Worked as a member of the Webinar "Digital World of Structural Engineering", Sinhgad College of Engineering Pune. AY 20-21 6. Organized a 1-day workshop on "Mechanics of Structures" practical for AY 2022-23
- Organized and worked as Finance coordinator for the Faculty Training Program on "Advanced Concrete Technology."
- Active member of the Central Library Committee and executed Marathi Raj Bhasha Gaurav Din, 27<sup>th</sup>Feb 2023 & 27<sup>th</sup>Feb 2024.
- Currently working as, a Training & Placement Coordinator 10. Worked as Examiner for the 'Theme Event (Sustainable Engineering) on 15<sup>th</sup>Feb 2024 organized by the Department of Civil Engineering on account of Sinhgad Spring Fest 24.
- Organized 3 – Civil Software Training Programs in AY 23-24 for the students of SE, TE & BE Civil.
- Conducted an orientation for TE & BE students regarding Training and placements.
- Conducted various placement drives in the department.

## DECLARATION:

I hereby declare that all the above information furnished by me are true to the best of my knowledge.

Date: / / 2024

Signature