



## Ms. Mrunmayee M Bhalerao

Assistant Professor, Department of Civil Engineering



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### OVERVIEW:

**Qualifications:** M.E (Structural Eng), B.E Civil  
**Experience:** Teaching -2.2 years Industry-1  
**Date of Joining STES:** 20/11/2023  
**Skills and Proficiencies:** STAD Pro, ETABS, ANSYS, AUTOCAD, MS Office

### AREA OF EXPERTISE /RESEARCH INTERESTS:

- Earthquake Resistant Structures, Precast Structures, Structural Engineering in Aerospace

### NUMBER OF STUDENTS GUIDED:

- UG-8

### RESEARCH WORK:

- **M.E-** Shear Analysis of a Hybrid Plate Girder (ME) where in a considerable weight reduction of the girders used under the bridges takes place making it durable and cost efficient and lighter in weight using aluminium and various metals and alloys using FEM- ANSYS (Workbench).
- **(B.E)-** Comparative Analysis of a Multipurpose Building for Prestress and RCC (BE)- Comparative Analysis is done for the regular RCC vs Prestress concrete for various members and hence noted the advantages and disadvantages using ETABS.

### SUBJECTS TAUGHT:

- Mechanics of Structures
- Concrete Technology
- Engineering Mechanics

**FDP/STTP/SDP ATTENDED**

- Indian Knowledge System
- CONSTRO 24
- Ministry of Textile- (Craft Awareness and Demonstration Program)
- Faculty Orientation Program on Mechanics
- PGCON 2019
- Workshop

**RESPONSIBILITIES HANDLED AT STES/SCOE/DEPT:****Department Level (Civil)**

- Planning and Scheduling Member-Lab Timetables Incharge
- Teacher Guardian
- Organizing Committee member for FDP arranged on Structural Dynamics at Institute of Engineers.

**Institute Level**

- A member of Admission committee.

**DECLARATION:**

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

Date: / / 2024

Signature