



Mr. Mrunal Mahendra Meshram

Assistant Professor, Department of Civil Engineering



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OVERVIEW:

Qualifications: ME (Civil Environmental Engg.), BE (Civil Engg.), Diploma (Civil)

Experience: Teaching -6 years Site Engineer – 3 years

Date of Joining STES: 02/07/2018

Skills and Proficiencies: Non Mechanised Wastewater Treatment, Solid Waste Management .
Design & Detailing of Sanitation Projects with reference to spatial requirements.
Low Cost Sanitation.

SIGNIFICANT ACHIEVEMENTS:

- One patent has been granted by IPR. (Patent No. 393855).
- Strong linkage with Industry, working on Human Excreta Based Digesters through an NGO – Appa Patwardhan Safai Wa Paryawaran Tantraniketan, Dehugaon.

AREA OF EXPERTISE /RESEARCH INTERESTS:

- Civil – Environmental Engineering (Non Mechanised Waste Water Treatment & Solid Waste Management.;

NUMBER OF STUDENTS GUIDED:

- UG – 10+ Groups

NOTABLE GUIDED PROJECTS:

UG Projects:

- Grey Water Treatment in Multistoried Building by Stabilisation Method During its Decent.
- Developing Integrated Malaprabha Digester for management of kitchen waste and human excreta .
- Wastewater Optimization for Reducing Environmental Discharge of Untreated Wastewater
- Utilization of Plastic Waste into Plastic Brick.

SUBJECTS TAUGHT:

- Transportation Engineering
- Survey
- Quantity Surveying, Contracts and Tenders
- Wastewater Engineering
- Water Supply Engineering

- Advanced Surveying

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

- “Construction of Soak Pits As A Low Cost WasteWater Treatment System” 30 & 31 January 2023 at Department of Civil Engineering, Sinhgad College of Engineering, Pune 41.
- Celebrating World Water Day (Theme: “Leveraging Water for Peace-Save every drop of water to avoid crisis) on April 03 rd , 2024 at SCoE Seminar Hall, Department of Civil Engineering, Sinhgad College of Engineering, Pune 41.

CONFERENCES ATTENDED:

- 2018 Conference of Indian Water Works Association,at YASHADA Pune, India, DEC 2018.

FDP/STTP/SDP ATTENDED:

- 5-day Online Universal Human Values FDP conducted by AICTE from 24th June to 28th June 2024.
- Practicals in Environmental Engineering II 31st Oct and 1st Nov 2020 (2 days).

RESPONSIBILITIES HANDLED AT STES/SCOE/DEPT:

Institute Level (SCOE)

- Looking after as a Institute level Sports Coordinator for Sinhgad Staff League 2024-25.
- Looking after Information Brochure Committee work at Institute level.
- Looking after as Committee Member of NEON Cultural Events.
- Looked after Building Committee Work from 2019-2022.

Department Level (Civil)

- Looking after work of survey and advanced survey as lab incharge in the academic year 2018-19 to till date.
- Looking after work of PNS committee.
- Looking after work of BCUD as Departmental Coordinator.
- Looking after work of SCOE Green Club at Institute level.
- Publication data,conference,MOU's,EDC,Patents,Achievements and Awards by faculty.
- Karandak Techtonic Student Coordinator
- Karandak Sports Football Team Manager for Boys 2018.
- Guided 12 Students for T.E. Seminar.
- Guided 24 Students for B.E. Project.
- Guided 2 Students for M.E. Project.
- Core Committee member in RERA
- Looked after Accomodation Facility of Participants for Panchatavta National Level Conference.
- Additional inputs given to 8 students in enhancing Research work such as using DRDO Bacteria in generation of Methane Gas and Using Duckweed plants for treating Sewage.
- Arranged permission for project from PMC at Taljai Hills for SE project for 6 days.
- Arranged permission for Site visit of B.E. from PMC at Vitthalwadi STP Plant.
- Successfully conducted Transportation engineering visit at Warje flyover.

- Attended Advanced Survey workshop and Advanced Concrete workshop at SCOE.
- Successfully completed Result analysis work of B.E and T.E.
- Subjects Taught Transportation Engineering Theory and Surveying Practical in First Semester and Advanced Surveying and QSCT in Second Semester.
- Filled Data in IQAC sheets.
- Worked as committee member of ISTE approved one day workshop on overview of “LEAN Construction Efficiency Improvement Programme” along with pursullence global business solution.
- Worked as a advertising committee member for one day workshop on “Amendments of IS 10262-2019 and IS 456-2019”.
- Guest lecture delivered at IWWA on DOSIWAM.
- Worked as Sports Committee member in KARANDAK 2019.
- Worked as Building committee member at SCOE in year 2019-20.

DECLARATION:

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

Date: / / 2024

Signature