


FACULTY PROFILE

Name	Dr S. S. Shastri	
Qualification	Ph D (Civil Engineering)	
Experience	Teaching- 23 Yrs., Industry- 5 ½ Yrs.	
Date of Joining STES	18/09/2000	
Email id	sshastri.scoe@sinhgad.edu / sameershastri@yahoo.com	
No. of students guided	Ph. D. – 06 (01 Completed, 05 Pursuing); M.E. - 25 UG: 40+ Groups	
Publications	https://scholar.google.com/citations?user=IKbyvrAAAAAJ&hl=en&authuser=1	
Patent granted/published	Granted: Patent No. 393855 (India) - Modified Stabilization Tank For Onsite Treatment Of Domestic Waste Water And Or Grey Water. (Application Number : 201621019127.) Filed: <ol style="list-style-type: none">1. Modified Stabilization Tank For The Treatment Of Grey Water From Rural Areas. Application Number: 201621019675.2. Use of River Bed For Online Treatment Of Polluted River Water Using Modified Flow Pattern For Non Perennial Rivers. Application Number : 201621019679.3. Use of treated Grey Water from Stabilization Tank for Casting and Curing of Concrete. Application Number : 201621019683	
Copy Rights	FB-WDSS (FUZZY BASED WASTEWATER DECISION SUPPORT SOFT TOOL) Registration No. L-120411/2022 Dated 30/12/2022	
Funded Research Projects Details:	<ol style="list-style-type: none">1. Feasibility Study of Integrated Management of Kitchen Waste and Human Excreta. Under BCUD of Savitribai Phule Pune University (Then University of Pune). Duration: 1 April 2009 to 31 March 2012. Amount Sanctioned: Rs. 1.75,000/=. One Project Group worked on their UG Project (AY 2009 – 2010)2. Study of Decentralised On-site Waste Management Systems for Multi Storeyed Building including Process Optimisation and Their Impact on Environmental and Carbon Foot Print, Under BCUD of Savitribai	

02 No.

Phule Pune University. Duration: 1 April 2016 to 31 March 2019.

One Ph. D. Research Scholar Completed her Ph. D. in September 2023 on the extended scope of this Research Proposal.

Consultancy

Projects:

1. Water & Wastewater Testing (In-House as well as for Outside Industries / Individuals since last 15 years)
2. Working with an NGO Appa Patwardhan Safai Wa Paryawaran Tantraniketan (APSPTN), **Dehugaon Dist Pune** and have implemented various Low Cost Sanitation Systems for Individual Houses / Educational Institutes / Alumni Construction Projects as a Social Responsibility.

Projects Executed In Collaboration with APSPTN:

- i. Construction of Malaprabha Biogas Plant at Ashram school for 250 users at Vasind (Near Kalyan) through APSPTN in year 2017
- ii. Designing and Executing Malaprabha Digester for labour colony of 80 labours at Athashree Construction Site (Dhanori, Pune) through APSPTN (March 2022).
- iii. Designing and Execution Stabilisations Tanks for Grey Water Management at Bibawewadi Pune (Uear 2016 and 2019)

Significant

Achievements:

1. Elected as Member – Board of Studies, Savitribai Phule Pune University January 2014 to August 2015)
2. Elected as Member – Faculty of Engineering, Savitribai Phule Pune University .
3. Member RR Committee DoT, Savitribai Phule Pune University Since 2016
4. Approved PG Teacher & Ph. D. Guide for Savitribai Phule Pune University
5. Received V. D. Deshpande memorial prize for being an active member of the Indian Water Works Association, Pune Centre. The prize was confronted at the 43rd National Convention of IWWA at Chennai, January 2012
6. Received “**Best Professor in Civil Engineering Award**” from ABP NEWS, under National Education Awards, 8th Edition; 6th July 2017.
7. Worked as President of Rotary Club of Pune Shaniwarwada in Rotary Year 2022 23 and got 05 STAR PRESIDENT Recognition.
8. Working as Teacher with Brahmavidya Sadhak Sangh and Teaching Pranayam and Powerful Breathing Exercises to the students of age group 10 to 17 (Children’s Course) as well as Adults (18 and above – Basic Course) as Voluntary Service.