


Thanushree M S., M.Tech., (Ph.D.)

 <https://scholar.google.com/citations?user=ellOC6AAAAAJ&hl=en&oi=ao>

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 Educational Qualification	
Ph.D. (Pursing) (Environmental Engineering)	VTU, Belagavi
M. Tech (Environmental Engineering)	Sri Jayachamarajendra College of Engineering, Mysuru
B. E (Environmental Engineering)	Sri Jayachamarajendra College of Engineering, Mysuru

DoB: 28th March, 1986

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Research interests: Water Treatment, Solid Waste Management, Wastewater Management, Electrochemical Coagulation, Hybrid treatment Technologies

Languages: English, Kannada

NPTEL Online Courses

1. 8 week course on “**Waste to Energy Conversion**” offered by at Indian Institute of Technology, Roorkee, from January - March, 2023.
2. 8 week course on “**Sustainable Engineering Concepts and Life Cycle Analysis**” offered by at Indian Institute of Technology, Kharagpur, from July - September, 2023.
3. 12 week course on “**Basic Environmental Engineering and Pollution Abatement**” offered by at Indian Institute of Technology, Roorkee, from July – October, 2023.
4. 8 week course on “**Natural Hazards**” offered by at Indian Institute of Technology, Kanpur, from January - March, 2024.
5. 8 Weeks NPTEL online Certificate course on “**Biological Process Design for Wastewater Treatment**”, organized by IIT, Madras from January – March 2025.

PUBLICATIONS

1. **Thanushree Mysuru Siddappa**, Mahesh Shivaswamy and Mahadevaswamy Mahadevappa, 2023 2D and 3D electrochemical degradation (ECD) of raw cotton industry wastewater (CIWW) using stainless Steel and aluminium electrodes. Journal of Water and Health 21.7 (2023): 856-868.
2. **Thanushree M S**, Mahadevaswamy Mahadevappa, Mahesh Shivaswamy, Sahana Mahesh and Chiranth Premanandasagar 2023 Electrochemical treatment of real cotton fabric industry wastewater using copper and stainless steel electrodes. Journal of Water, Sanitation and Hygiene for Development Vol 13 (3), 197 – 207. doi: 10.2166/washdev.2023.209.

Conference Attended – Oral Presentation

1. Presented a paper titled “**Treatment of Textile Wastewater using Electrochemical Coagulation process using Stainless steel (SS) and aluminium electrodes**” in 2nd international Conference on “*Advanced Materials for Health, Energy and Environment*” held on 28th February – 2nd, March, 2023 at JSS STU, Mysuru.
2. Presented a paper titled “**Comparative Study on 2D and 3D Batch Electrocoagulation Process for Textile Wastewater Treatment**” in National Conference on “*Green Technology for Clean and Green India*” held on 17th- 18th, August 2019 at Bengaluru.
3. Presented a paper titled “**Engineering economics of Sewer-mining and Centralized STP wastewater re-use for Urban Lake Rejuvenation.**” in National Conference on “*Green Technology for Clean and Green India*” held on 17th- 18th, August 2019 at Bengaluru.
4. Presented a paper titled “**Evaluation of Domestic Wastewater Treatment and simultaneous Bioelectricity generation in a dual Chambered microbial fuel cell with phosphate buffer solution as catholyte.**” in National Conference on “*Green Technology for Clean and Green India*” held on 17th- 18th, August 2019 at Bengaluru.
5. Presented a paper titled “**Effect of OLR and VFA on removal of COD from real textile mill wastewater using UASB reactor.**” in National Conference on “*Green Technology for Clean and Green India*” held on 17th- 18th, August 2019 at Bengaluru.

Consultancy

- Environmental Audit Team member for the “Environmental Audit” of JSS AHER, Mysuru during August/September, 2023.

FDP/Short term course/Workshop/Seminar Attended

1. Six days Short Term Program on “**Sustainable Development Goals**” organised by Department of UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC), Central University of Kerala, during 23rd to 28th February, 2026
2. Attended AICTE Training and Learning (ATAL) Academy Faculty Development Program on “**Smart Cities and Sustainable Mobility: Civil Engineering Innovations for Future Urban Development**”, organized by Sankalchand Patel College of Engineering, Visnagar from 08th September to 13th September, 2025.
3. Participated 12 Days (Online) Interdisciplinary Refresher Course on “**Environmental Studies**” organized by UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC), Central University of Kerala from 06.11.2025 to 19.11.2025.
4. Attended International GIAN course on “**Industrial Wastewater Management Towards Sustainable and Safe Environment**” organised during 21st to 25th April, 2025 at G B Pant University of Agriculture and Technology (GBPUA&T) Pantnagar.
5. One-week Faculty Development Program on “**Design Excellence: Mastering 2D and 3D Modelling with AutoCAD and Fusion 360**” organised by Department of Mechanical Engineering, JSS Science and Technology University, SJCE, Mysuru, during 01st April to 05th April 2025
6. One-day Workshop on “**Prevention of Sexual Harassment at Workplace (POSH)**” organised by JSS Science and Technology University, Mysuru on 22nd January, 2025
7. Two-day national seminar on “**Recent Advances in Civil Engineering – Digital Transformation in Civil Engineering**”, held at MBCT Auditorium, Mysuru on 17th and 18th January, 2025
8. One week AICTE Training and Learning (ATAL) Academy FDP on “**Nanomaterials**” organised by JSS Science and Technology University from 06th – 11th January, 2025.
9. Three day Workshop on “**Enhancing Academic Writing Skills with AI Tools and Managing Academic Accounts**” organised by Library and Information Centre, JSS Science and Technology University on 19th to 21st December, 2024.
10. Two day workshop on “**Opportunities in Environment Health and Safety (EHS) for Engineering graduates**”, organised by Department of Environmental Engineering, SJCE, Mysuru on 29th and 30th November, 2024.
11. Four day VGST sponsored Faculty Development Program on “**Innovation in Renewable Energy and its Application**”, organised by Department of Electrical & Electronics Engineering, SJCE, JSSSTU, Mysuru on 09th and 12th September, 2024.
12. One-week Faculty Development Program on “**Geo-informatics in Disaster Management**” organised by Department of Civil Engineering of Jorhat Engineering College, Jorhat, during 18th June to 22nd June 2024

13. One-week Faculty Development Program on “**Robotics and Industrial Automation**” organised by Department of Mechanical Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad, during 04th November to 09th November 2024
14. Short term workshop on “**Impact of Climate Change on Biological Systems (ICCBS 2024)**” organised by department of Zoology, DEI under the agies of AIU-DEI-AADC from 15th April to 20th April, 2024
15. One-week Faculty Development Program on “**Technological Advancement in Synthesis of Novel Materials**” organised by Department of Mechanical Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad, during 05th August to 10th August 2024
16. Participated in one-week faculty development program on “**Environmental Pollution and its control**” organised by National Institute of Technical Teachers training and Research, Chandigarh, from 18th March to 22nd March 2024.
17. Participated in one-week faculty development program on “**Fundamentals of Machine Learning**” organised by National Institute of Technical Teachers training and Research (NITTTR), Kolkata, from 11th March to 15th March 2024.
18. Online Short Term Course (e-STC) on “**Computational Methods in Water Resources Engineering and Management (COM-WREM: 2024)**” organised by Department of Civil Engineering, National Institute of Technology, Hamirpur, Himachal Pradesh, from 01/03/2024 to 05/03/2024
19. Two week online FDP on “**Opportunities and Challenges in Entrepreneurship**” sponsored by NSTEDB, Department of Science and Technology, Govt of India, held during 3rd – 19th January, 2024, conducted by JSSATE, Science and Technology Entrepreneurship park, Bengaluru.
20. Participated in Professional Development Program on “**Secret Sauce on Professional Excellence**” organised by Internal Quality Assurance Cell (IQAC), JSS Science and Technology University on 27th September, 2023
21. Participated in “**Karnataka Sustainability Conclave on Productivity and Green Growth**” organised by National Productivity Council, DPIIT, MoC&I, Government of India and Administrative Training Institute, Mysuru, Government of Karnataka on 06th July, 2023
22. Five day online FDP on “**Advanced Functional Materials for Science and Engineering – 2023 (AFMSC)**” organised by the Department of Chemistry, Don Bosco Institute of Technology, from 15th – 19th May, 2023
23. One week online term course (e-STC) on “**Recent Advances in Water Resources Engineering and Management (AMI-WREM-2023)**” organized by Department of Civil Engineering, National Institute of Technology, Hamirpur Himachal Pradesh, from 27th February – 03rd March, 2023.

24. Three-day workshop on “**Scholarly Publications: Tools and Techniques**” organized by Library and information center, JSS Science and Technology University, Mysuru from 6th – 8th, January 2023.
25. One week online FDP on “**Facets of sustainable urban infrastructure (FSUI) - 2023**” organized by Department of Construction Technology and Management, JSS Science and Technology University, Mysuru from 9th – 13th, January 2023.

Declaration

I certify that the information provided above is accurate. I will abide by the selection rules and regulations and respect the final decision arrived at by the esteemed judging panels from any further positions.

Mrs. THANUSHREE M S