

**Name and Designation:** Thanushree M.S  
Assistant Professor  
Department of Environmental Engineering

**Institution with address:** JSS Mahavidyapeetha  
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### **Qualifications**

**Ph.D** (pursuing) in **Environmental Engineering**, under VTU, Belgavi, Karnataka.

Research area: Advanced Wastewater treatment

**M. Tech. (Environmental Engineering)**, Sri Jayachamarajendra College of Engineering (Autonomous), Mysore, Karnataka, 2011

Research area: Wastewater treatment

**B.E. (Environmental Engineering)**, Sri Jayachamarajendra College of Engineering (VTU), Mysore, Karnataka, 2009.

### **Experience**

**Assistant Professor**, Sri Jayachamarajendra College of Engineering, Mysore, Karnataka, India, August 2012 – till date

**Research Fellow**, Sri Jayachamarajendra College of Engineering, Mysore, Karnataka, India, Sep 2011

### **Courses taught**

#### **M. Tech**

- Hospital Waste Management (EVH 230)
- Atmospheric Environmental Engineering (EVH 252)
- Advanced Water Resources Engineering (EVH 110)
- Applied Chemistry and Microbiology (EVE 110)
- Operation and Maintenance of Environmental Facilities (EVE 242)
- Solid Waste Engineering and Management (EVE 142)
- Principles of Biomedical Waste Management (EVH 230)
- Municipal and Biomedical waste management (EVH 230)

### **B.E**

- Origin and Characterization of Environmental Pollution (EV 510)
- Water Resources Engineering (EV 540)
- Occupational Safety and Health (EV 740)
- Atmospheric Environmental Engineering (EV 620)
- Water Supply Engineering (EV 550)
- Noise and Emission Measurement lab (EV 75L)
- Environmental Process lab I (EV 58L)
- Environmental Process lab II (EV 68L)
- Survey Practice (EV 37L)
- Design and Drawing of Environmental System I (EV 57D)
- Environmental Impact Assessment (EV 510)
- Construction Engineering and Materials (EV 350)
- Industrial Wastewater Treatment Technologies (EV 820)
- Wastewater Engineering I (EV 530)
- Wastewater Treatment Engineering II (EV 620)
- Environmental Chemistry lab (EV 37L)
- Municipal and Bio-medical Waste Management (EV 530)
- Instrumentation and Automation in Environmental Engineering (EV 833) – Elective
- Energy and Environment (EV651)

### **PG/UG Projects Guided**

- UG : Completed 10
- PG : Completed 15 (Co-Guide: 3)

### **Publications**

1. M G C Pavan Sai, Pavithra N G, Anjali Wagle K, M N Pruthviraj. and **Thanushree M S.**, (2022) “Solid Waste Management System for the Village Sanapur, Koppal District”, International Research Journal of Modernization in Engineering Technology and Science, Vol: 04 (01), pp: 325 – 337.
2. Vidhyashree, M.G and **Thanushree, M.S.**, 2017, Biosynthesis of Silver Nanoparticles using Plants, International Research Journal of Engineering and Technology (IRJET) ,Vol (4), Issue 10, pp: 292 – 299.
3. Vidhyashree, M.G and **Thanushree, M.S.**, 2017, Biosynthesis of Silver Nanoparticles using Plants and its application on the treatment of textile mill wastewater, International Research Journal of Engineering and Technology (IRJET) ,Vol (4), Issue 10, pp: 510 – 530.
4. Poojashri, R.N., **Thanushree, M. S.** and Manoj kumar, B., 2016, Studies on Nutrient removal using Polypropylene Fibre (PPF) in Moving Bed Bio reactor (MBBR), Research Journal of Chemical and Environmental Sciences, Vol 4, pp: 118-122

5. Poojashri, R.N., **Thanushree, M. S.** and Manoj Kumar, B., 2016, Studies on Nutrient removal using Polyurethane Foam (PUF) in Moving Bed Bio reactor (MBBR), International Research Journal of Engineering and Technology (IRJET) ,Vol (3), Issue 08, pp: 1 – 18.
6. Pooja H.M., **Thanushree M.S.** and Lokesh K.S., 2016, Comparision of synthesized zeolite from flyash using fusion and hydrothermal method for removal of COD and colour removal from textile mill wastewater – Adsorption Isotherm and Kinetics, International Research Journal of Engineering and Technology (IJJET), Vol (3), Issue 09, pp 695 – 702.
7. Pooja H.M., **Thanushree M.S.** and Lokesh K.S., 2016, Comparison of synthesized zeolite from flyash using fusion and hydrothermal method for removal of COD and colour removal from textile mill wastewater – Column Study, International Research Journal of Engineering and Technology (IJJET), Vol (3), Issue 09, pp 703 - 710.
8. Suveer S Nalkund., Chaitra Pai., and **Thanushree M.S.**, 2015 “Removal of Copper from Wastewater using low cost adsorbents”, International Journal of Engineering Research and Technology (IJERT), ISSN: 2278 – 0181, Vol 4(5), pp 1311 – 1316.
9. Udayashankara T.H., **Thanushree M.S.**, Rajani R., and Sadhana K., 2015 “Assessment of Ambient Air Quality in Mysore City”, International Journal of New Technologies in Science and Engineering, Vol. 2, Issue 5, ISSN 2349 – 0780, pp 10-21.
10. **Thanushree M.S.**, and Latha S., 2014, “Quality status of groundwater around industrial area for irrigation”, International Journal of Civil Engineering and Technology (IJCIET), ISSN 0976 – 6316, Vol 5(9), pp 57-64.
11. **Thanushree M.S.**, Poorna C.R., Chaitra M., Devanandan S., and Manjunatha K.S., 2013, Electrochemical treatment of silk industry effluent and comparison of electrodes to improve the BOD/COD ratio of the effluent, International Journal of Current Engineering and Technology, ISSN 2277-4106, pp 27-31.

#### **Workshop/Webinar Organised**

- Three day Indo – US workshop on “**Hazardous Materials Management**” held on 25<sup>th</sup> to 27<sup>th</sup> October, 2016.
- Two day Indo – US Workshop on “**Hazardous Materials Management and Safety in Industries**” held on 14<sup>th</sup> and 15<sup>th</sup> February, 2020.
- One day webinar on “**Sources Emission Monitoring Techniques**” held on 5<sup>th</sup> August, 2020.
- One day webinar on “**Implication of Law in Environmental Engineering**” held on 19<sup>th</sup> August, 2020.
- One day webinar on “**Recovery of by-products/ untapped resources and Issues & Challenges in Sludge Management of Sewage Treatment Plants**” held on 15th September, 2020.

### **Consultancy:**

- Twinning System – Joint R & D Industry Partnerships between Mentor University and Mentee Institute, MLV textile Engineering College, Bhilwara, Rajasthan – 3 months (April, 2019 to June, 2019).
- Green Audit Assessment Team member for the Green Audit “Green Audit” of JSS College of Arts, Commerce and Science, Ooty Road, Mysuru.
- Green Audit Assessment Team member for the Green Audit “Green Audit” of JSS College for Women, Saraswathipuram, Mysuru

### **Conference Presented/Attended**

1. 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 17<sup>th</sup>- 18<sup>th</sup>, August 2019 at Bengaluru.
2. 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 17<sup>th</sup>- 18<sup>th</sup>, August 2019 at Bengaluru.
3. 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 17<sup>th</sup>- 18<sup>th</sup>, August 2019 at Bengaluru.
4. 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 17<sup>th</sup>- 18<sup>th</sup>, August 2019 at Bengaluru.

### **Online Certification Course**

#### **Coursera Courses**

1. Course on **“Municipal Solid Waste Management in Developing Countries”** an online non-credit course authorized by Ecole Polytechnique Federale de Lausanne (EPFL) University, certificate issued on 15.05.2020
2. Course on **“Introduction to Faecal Sludge Management”** an online non-credit course authorized by Ecole Polytechnique Federale de Lausanne (EPFL) University, certificate issued on 18.05.2020
3. Course on **“Introduction to Household Water Treatment and Safe Storage”** an online non-credit course authorized by Ecole Polytechnique Federale de Lausanne (EPFL) University, certificate issued on 31.05.2020

4. Course on “**Planning & Design of Sanitation Systems and Technologies**” an online non-credit course authorized by Ecole Polytechnique Federale de Lausanne (EPFL) University, certificate issued on 12.06.2020.
5. Course on “**Natural Gas**” an online non-credit course authorized by University of Buffalo and The State University of New York, certificate issued on 12.08.2020.
6. Course on “**Safety in the Utility Industry**” an online non-credit course authorized by University of Buffalo and The State University of New York, certificate issued on 12.08.2020.
7. Course on “**Electric Power Systems**” an online non-credit course authorized by University of Buffalo and The State University of New York, certificate issued on 17.08.2020.
8. Course on “**Energy: The Enterprise**” an online non-credit course authorized by University of Buffalo and The State University of New York, certificate issued on 29.08.2020.
9. Course on “**Air Pollution – A Global Threat to our Health**” an online non-credit course authorized by University of Copenhagen, certificate issued on 03.06.2020
10. Course on “**Renewable Energy and Green Building Entrepreneurship**” an online non-credit course authorized by Duke University, certificate issued on 21.05.2020
11. Course on “**Introduction to Indoor Air Quality**” an online non-credit course authorized by The Hong Kong University of Science and Technology, certificate issued on 14.08.2020
12. Course on “**Introduction to Environmental Law and Policy**” an online non-credit course authorized by The University of North Carolina at Chapel Hill, certificate issued on 20.08.2020
13. Course on “**Water Resources Management and Policy**” an online non-credit course authorized by University of Geneva, certificate issued on 26.08.2020
14. Course on “**Innovative Governance of Large Urban Systems**” an online non-credit course authorized by Ecole Polytechnique Federale de Lausanne (EPFL) University, certificate issued on 29.09.2020
15. Course on “**Wood Science: Beyond Building**” an online non-credit course authorized by West Virginia University, certificate issued on 07.10.2020.

### **NPTEL Courses**

1. 8 week course on “**Plastic Waste Management**” offered by at Indian Institute of Technology, Kharagpur, from January - March, 2020.
2. 12 week course on “**Water Supply Engineering**” offered by at Indian Institute of Technology, Kharagpur, from January - April, 2020.
3. Two week course on “**Digital Transformation in Teaching Learning Process**” offered by at Indian Institute of Technology, Bombay, from February 14<sup>th</sup> – 6<sup>th</sup> March, 2020.
4. 12 week course on “**Wastewater Treatment and Recycling**” offered by at Indian Institute of Technology, Madras, from June – November, 2019.
5. 4 week course on “**Electronic Waste Management – Issues and Challenges**” offered

- by at Indian Institute of Technology, Madras, from January - March, 2019.
6. 12 Weeks NPTEL online Certificate course on “**Municipal Solid Waste Management**”, organized by IIT, Madras.
  7. 12 Weeks NPTEL online Certificate course on “**Air Pollution and Control**”, organized by IIT, Madras.

#### **Seminar/Workshop attended**

1. Two week online FDP on “**Opportunities and Challenges in Entrepreneurship**” organized by JSS Academy of Technical Education, Bangaluru from 18th – 31st, January 2022
2. Five days online FDP on “**Emerging Technologies in Civil Engineering for Construction & Demolition Waste**” organized by Rajshree Institute of Management & Technology, Bareilly (U.P.) India from 21st - 25th, June 2022
3. One week AICTE – ISTE approved programme on “**Recent Advancement in Environmental & Water Resources Engineering**” organized Anjuman-I-Islams Kalsekar Technical Campus, School of Engineering & Technology, New Panvel, Navi Mumbai, Maharashtra from 29th December, 2021 – 4th January, 2022.
4. Four day VGST/KSTePS, Government of Karnataka sponsored FDP on “**Recent Advances in Wastewater Treatment and Recycle**” organized by Department of Chemical Engineering, SDM College of Engineering and Technology, Dharwad, Karnataka from 16th – 19th November, 2021.
5. Three day International workshop on “**Smart and Resilient Bridges**” organized by ASCE student Chapter of Indian Institute of Technology (ISM) Dhanbad from 3rd – 5th December, 2021.
6. Two day webinar on “**Coastal Climate Change Adaptation and Disaster Risk Reduction**” organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India on 30th May – 01st June 2022.
7. One day webinar on “**Drought management in India – Role of Geospatial Technologies**” organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India on 17th December 2021.
8. One day webinar on “**Urban Flood and its impact**” organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India on 26th May 2022.
9. One week AICTE Training And Learning (ATAL) Academy Online Elementary FDP on “**Modern Innovations and Development in Renewable Energy Technology**” organised by University of Lucknow from 12<sup>th</sup> – 16<sup>th</sup> July, 2021.
10. One week AICTE Training and Learning (ATAL) Academy online FDP on “**Green Technology & Sustainability Engineering**” organised by Malaviya National Institute of Technology, Jaipur from 4th - 8th, January 2021
11. One week AICTE Training and Learning (ATAL) Academy online FDP on “**Waste Management**” organised by C V Raman Global University from 21<sup>st</sup> – 25<sup>th</sup> December, 2020.



12. One week AICTE Training and Learning (ATAL) Academy online FDP on “**Waste Management**” organised by B.M.S. College of Engineering from 23<sup>rd</sup> – 27<sup>th</sup> November, 2020.
13. One week online TEQIP III sponsored E- training program/short term course on “**Advancements in Civil Engineering (with emphasis on water resources, environment engineering and climate change)**” organised by IIT Indore, during 02<sup>nd</sup> – 07<sup>th</sup> November, 2020.
14. One week AICTE Training and Learning (ATAL) Academy online FDP on “**Waste Management**” organised Dr. M.G.R. Educational and Research Institute from 26<sup>th</sup> – 30<sup>th</sup> October, 2020.
15. One week online FDP on “**Outcome Based Education and Accreditation**” organised by ISTE Telangana Section in Association with JNTUH College of Engineering, Jagtial, Mahatma Gandhi Institute of Technology, Hyderabad and Swecha during 05<sup>th</sup> – 09<sup>th</sup> October, 2020.
16. Five days National Level online FDP on “**Educators of Environmental Studies**” organised by Department of Chemical Engineering, JNTUA College of Engineering, Anantapur, from 21<sup>st</sup> – 25<sup>th</sup> September, 2020
17. Five days online FDP on “**Changing Scenario in College Education in the Context of National Education Policy 2020**” organised by Government P G College, Bilaspur, Rampur – Uttar Pradesh, in association with RUSA and IQAC from 05<sup>th</sup> – 09<sup>th</sup> September, 2020.
18. Two week online FDP on “**Fabrication of Electronic Devices using Nanomaterial’s**” organised by Department of Electronics and Communication Engineering, Sri Jayachamarajendra College of Engineering, JSS Science and Technology University, Mysuru from 24<sup>th</sup> August – 04<sup>th</sup> September, 2020.
19. Two week online FDP on “**Online Teaching-Learning and Research Methodology**” organised by Government P G College, Bilaspur, Rampur – Uttar Pradesh, in association with RUSA and IQAC from 18<sup>th</sup> – 29<sup>th</sup> July, 2020.
20. One week online FDP on “**Recent Advancement of Materials and its Application**” organised by Veer Surendra Sai University and Technology, Odisha, Burla, India from 15<sup>th</sup> – 19<sup>th</sup> August, 2020.
21. One week online FDP on “**Advances in Water Resources Management and Sustainable Environment**” organised by Department of Civil Engineering in association with IQAC-MSRIT sponsored by AICTE, held at Ramaiah Institute of Technology, Bengaluru from 17<sup>th</sup> – 21<sup>st</sup> August, 2020.
22. Five days online FDP on “**Research & Innovation**” organised by Department of Information Science and Engineering, Vidyavardhaka College of Engineering, Mysuru from 17<sup>th</sup> – 21<sup>st</sup> August, 2020.
23. One week online FDP on “**Advanced or Smart Processing Technology**” organised by Department of Polymer Science and Technology, Sri Jayachamarajendra College of Engineering, JSS Science and Technology University, Mysuru from 10<sup>th</sup> – 14<sup>th</sup> August, 2020.

24. One week online FDP on “**Sustainable Developments in Civil Engineering**” organised by Department of Civil Engineering, Vidyavardhaka College of Engineering, Mysuru from 03<sup>rd</sup> – 08<sup>th</sup> August, 2020.
25. One week online FDP on “**Quality Control and Safety in Polymer and Allied Industries**” organised by Department of Polymer Science and Technology, Sri Jayachamarajendra College of Engineering, JSS Science and Technology University, Mysuru from 27<sup>th</sup> – 31<sup>st</sup> July, 2020.
26. One week online FDP on “**Sustainable Concepts in Civil Engineering and Architecture**” organised by Department of Civil Engineering and School of Architecture in association with IQAC-MSRIT sponsored by AICTE, held at Ramaiah Institute of Technology, Bengaluru from 21<sup>st</sup> – 25<sup>th</sup> July, 2020.
27. Five days online FDP on “**Applications of Geo-informatics in Environmental Engineering (AGEE)**” organised by Department of Civil Engineering R V College of Engineering, Bengaluru, held from 14<sup>th</sup> – 18<sup>th</sup> July, 2020.
28. One week online FDP on “**Climate Change and carbon Issues (CCCI)**” organised by Department of Civil Engineering B.M.S College of Engineering, Bengaluru in association with ISTE, IGBC & IWWA during 6<sup>th</sup> – 10<sup>th</sup> July, 2020.
29. Five day online Faculty Development Programme on “**New Teaching Strategies and Techniques**” Organized by Research Affairs Committee, Under SOP Cell, B.L.D.E.Association’s Shree Sanganabasava Mahaswamiji Polytechnic,Vijayapur from 29<sup>th</sup> June to 3<sup>rd</sup> July 2020,
30. One week online FDP on “**Advanced Functional Materials**” organised by Department of Mechanical Engineering in association with Samalkha Industrial Association, held at Panipat Institute of Engineering and Technology, Kurukshetra from 25<sup>th</sup> – 30<sup>th</sup> June, 2020.
31. Four days’ Virtual Symposium on “**An insight on Technology, Policy and action in Solid Waste Management**” organised by ACS AcSIR-CSIO An International Student Chapter of American Chemical Society at CSIR-Central Scientific Instruments Organisation, Chandigarh from September 14<sup>th</sup>– 17<sup>th</sup> August, 2020.
32. Three days’ FDP on “**Climate Change and Disaster Risk Reduction**” organised by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India and Op Jindal University, Raigarh on 18<sup>th</sup> – 20<sup>th</sup> August, 2020.
33. Three days’ National Webinar on “**Role of Chemistry in Engineering and Society**” organised by Department of Civil Engineering JNN College of Engineering, Shivamogga, Karnataka, on 12<sup>th</sup> – 14<sup>th</sup> August, 2020.
34. Three days’ FDP on “**Smart City Innovations by Applying Engineering Technologies**” organised by Department of Civil Engineering, RIT, in association with IQAC - MSRIT on 05<sup>th</sup> – 07<sup>th</sup> August , 2020.
35. Three days’ Webinar on “**Engineering Management and Entrepreneurship Series II**” organised by Department of Mechanical Engineering, Sri Jayachamarajendra College of Engineering, JSS Science and Technology, Mysuru from September 1<sup>st</sup> – 3<sup>rd</sup> August, 2020.



36. Two days' online workshop on **"Free and Open Source Alternate for Web Conferencing and Teaching Learning"** organised by Department of CSE on 15<sup>th</sup> – 16<sup>th</sup> July, 2020.
37. Three days' Webinar on **"Advancements in Civil Engineering"** organised by Department of Civil Engineering held at Easwari Engineering College, Ramapuram, Chennai on 14<sup>th</sup> – 16<sup>th</sup> May, 2020.
38. One day Webinar on **"Stress Management"** organised by IETE Mysuru Centre held on 31<sup>st</sup> August, 2020.
39. One day Webinar on **"Sustainable Treatment Options for Liquid Waste Management"** conducted by Centre for Strategic Urban Management, CSIR-NEERI, organised by Department of Civil Engineering, PCCoE, Nigdi, Pune in association with Environment Conservation Association, Pune held on 29<sup>th</sup> August, 2020.
40. One day Webinar on **"River Rejuvenation Importance and Issues in Context of Present Scenario & Crisis"** conducted by Department of Environmental Engineering, Sri Jayachamarajendra College of Engineering, JSS Science and Technology University, Mysuru held on 13<sup>th</sup> August, 2020.
41. One day Webinar on **"Conservation of Water and Advanced Wastewater Treatment Systems"** organised by Department of Civil Engineering, Vidyavardhaka College of Engineering, Mysuru held on 17<sup>th</sup> August, 2020.
42. One day Webinar on **"Plagiarism"** organised by Department of Basics Sciences, SVCE in association with International Journal of Advances Study and Research Work (ISSN: 2581 – 5997), held on 16<sup>th</sup> August, 2020.
43. One day Webinar on **"Applications of Electrochemistry in Current Research"** organised by Department of Chemistry – Basics Sciences and Humanities New Horizon College of Engineering, Bangalore held on 18<sup>th</sup> August, 2020.
44. One day Webinar on **"Quality & EHS in Industries"** conducted by Department of Environmental Engineering, Sri Jayachamarajendra College of Engineering, JSS Science and Technology University, Mysuru held on 13<sup>th</sup> August, 2020.
45. One day Webinar on **"Fuels from Co-Processing of Waste Plastics"** organized by Department of Chemistry – Basics Sciences and Humanities New Horizon College of Engineering, Bangalore held on 04<sup>th</sup> August, 2020.
46. One day Webinar on **"Opportunities in Geospatial Technology "** organized by Visvesvaraya Technological University, Belagavi and KLS Gogte Insitute of Technology, Belagavi in association with TEQIP – 3 and Esri India held on 04<sup>th</sup> August, 2020.
47. One day Webinar on **"Environmental Legislation and Amendments in India"** conducted by Department of Environmental Engineering, Sri Jayachamarajendra College of Engineering, JSS Science and Technology, Mysuru held on 22<sup>nd</sup> July, 2020.
48. One day Webinar on **"GIS for Civil Engineering Applications"** organized by Department of Civil Engineering, Vidyavardhaka College of Engineering, Mysuru held on 16<sup>th</sup> July, 2020.

49. One day National level Webinar on **“Water Conservation- Need of the hour”** organized by Department of BS&H, Visakha Institute of Engineering and Technology, 57<sup>th</sup> Division, Narava. Visakhapatnam held on 15<sup>th</sup> July, 2020.
50. One day Webinar on **“Sensitization of Environmental laws for pollution control with focus on COVID - 19”** organized by Department of Civil Engineering, AMC Engineering College, Bengaluru, held on 17<sup>th</sup> July, 2020.
51. One day National Webinar on **“Multi-functional Materials for Energy Applications”** organized by Department of Chemistry, Vidyavardhaka College of Engineering, Mysuru held on 14<sup>th</sup> July, 2020.
52. One day National Webinar on **“Advances in Flood estimation methods”** organized by Department of Civil Engineering, GM Institute of Technology held on 14<sup>th</sup> July, 2020.
53. One day Webinar on **“Handling and Management of Biomedical Waste – Pre and Post COVID - 19”** organized by Centre for Molecular and Nanomedical Sciences, Sathyabama Institute of Science and Technology, Chennai held on 10<sup>th</sup> July, 2020.
54. One day Webinar on **“Powder X ray Diffraction: A powerful tool for the characterization of nanomaterials”** conducted by Department of Chemistry, Sai Vidya Institute of Technology, Bengaluru held on 08<sup>th</sup> July, 2020.
55. One day Webinar on **“Plastics Versus Bioplastics From Environment And Sustainable Point Of View”** organized by Department of Applied Science and Humanities (Environmental Science) of Tirumala Engineering College, Narasaraopet, Guntur held on 07<sup>th</sup> July, 2020.
56. One day Webinar on **“Remote Sensing for Environmental Studies”** organised by Dr. Ambedkar Institute of Technology, Bangalore, Karnataka on 13<sup>th</sup> June. 2020
57. Two days’ Workshop on **“Integrated Solid Waste Management (ISWM)”** organised by Department of Environmental Engineering held at Sri Jayachamarajendra College of Engineering (SJCE), JSS Science and Technology University, Mysuru from 6<sup>th</sup> – 7<sup>th</sup> September, 2019.
58. One week Faculty Development Program on **“Advanced Quality Approach for Industry 4.0”** organised by Department of Industrial and Production Engineering held at JSS Science and Technology University, SJCE, Mysuru from 19<sup>th</sup> – 23<sup>rd</sup> August, 2019.
59. One week Faculty Development Program on **“Advanced Materials for Water, Energy and Health”** organised by Department of Polymer Science and Technology & Department of Environmental Engineering held at JSS Science and Technology University, SJCE, Mysuru from 22<sup>nd</sup> – 27<sup>th</sup> July, 2019.
60. One week Faculty Development Program on **“Geospatial Technologies”** organised by Department of Construction Technology held at JSS Science and Technology University, SJCE, Mysuru from 15<sup>th</sup> – 19<sup>th</sup> July, 2019.
61. One day program on **“Application in High Voltage Engineering”** organised by Department of Electrical & Electronics Engineering, held at JSS Science and Technology University, JSS Technical Institution Campus, Mysuru on 19<sup>th</sup> June, 2019.
62. One day program on **“Stress Management”** organised by JSS Science and Technology University, SJCE, Mysuru, on 28<sup>th</sup> February 2019.

63. Two day program CSE's '**Regional Knowledge Conclave for Colleges and Universities, Mysuru**', held on September 6 and 7, 2018 in Mysuru, organized by Centre for Science and Environment (CSE).
64. One day program on **Teacher Empowerment - Transform from Teacher to Guru** organised by University of Mysuru under (Connected Educational Platform) CEP Global on 25<sup>th</sup> August 2018.
65. One day workshop on **Spectrum of Intellectual Property Rights with Special Emphasis on Patents** organised by JSS Science and Technology University, Mysuru, on 28<sup>th</sup> February 2018.
66. One day International Symposium on **Advanced Materials** organised by Department of Chemistry, Sri Jayachamarajendra College of Engineering, JSS Science & Technology University, Mysuru, Karnataka, India under on 27<sup>th</sup> December 2017.
67. Two week course on **Solid Waste Management – Feasibility of Technology Transfer** organised by Department of Environmental Engineering, SJCE Mysuru under Global Initiative of Academic Networks (GIAN), from 10<sup>th</sup> – 20<sup>th</sup> February, 2017.
68. Two week course on **Energy, sustainability and Life Cycle Risk Analysis** organised by Department of Electronics and Communication Engineering, SJCE Mysuru under Global Initiative of Academic Networks (GIAN), from 13<sup>th</sup> – 28<sup>th</sup> February, 2017.
69. Three day workshop on **Advanced GIS and Remote Sensing Applications** organised by Centre for Geoinformatics Technology, DOS in Geography, Manasagangothri, University of Mysore, Mysuru, Karnataka, from 26<sup>th</sup> – 28<sup>th</sup> of September, 2016.
70. Two week course on **Spatial Technology and Modelling for Drought Management** organised by Department of Environmental Engineering, SJCE Mysuru under Global Initiative of Academic Networks (GIAN), from 11<sup>th</sup> – 22<sup>nd</sup> July, 2016.
71. Two week course on **Fate and Transport of Contaminants in the Environment** organised by Department of Environmental Engineering, SJCE Mysuru under Global Initiative of Academic Networks (GIAN), from 13<sup>th</sup> – 25<sup>th</sup> June, 2016.
72. Three days International Conference on **Advanced Materials and Technology** organised by SJCE, Mysuru, held on 26<sup>th</sup> – 28<sup>th</sup> May, 2016.
73. Six days workshop on **Pedagogy of Instructional Design and Delivery Systems** organised by TEQIP II at SJCE, Mysuru, from 7<sup>th</sup> – 12<sup>th</sup> June, 2016.
74. One day workshop on **Authors Workshop on Publish or Perish** organised by TEQIP II at SJCE, Mysuru on 26<sup>th</sup> March, 2016.
75. One day workshop on **Driving Profits and Patentability- The IPR Way** organised by TEQIP II at Sri Jayachamarajendra College of Engineering, held on 7<sup>th</sup> August, 2015.
76. Two week workshop on **Pedagogy for Effective use of ICT in Engineering Education** organised by Indian Institute of Technology, Bombay, from 5<sup>th</sup> – 31<sup>th</sup> January 2015.
77. One day workshop on **Stress Management and wellness for women** organized by Department of Computer Science and Engineering, Sri Jayachamarajendra College of Engineering, held on 20<sup>th</sup> September, 2014.

78. Two day workshop on **Quality Improvement in Teaching Learning Process** organized by Sri Jayachamarajendra College of Engineering, held on 25<sup>th</sup> and 26<sup>th</sup> of July, 2014.
79. One week Faculty Development Programme on **Emerging Trends in Chemical and Environmental Engineering (ETCEE -14)**, organized by the Department of Chemical Engineering, National Institute of Technology, Calicut, Kerala, India held on 29<sup>th</sup> June – 5<sup>th</sup> July 2014.
80. Two day workshop on **GIS and Modelling – Application in Environmental Engineering** organized by Department of Environmental Engineering, Sri Jayachamarajendra College of Engineering, held on 28<sup>th</sup> and 29<sup>th</sup> of March, 2014.
81. International Seminar on **Alternative Fuels and Raw Materials for Co Processing in Cement Industries** organized by Department of Civil Engineering, Bangalore Institute of Technology, held on 14<sup>th</sup> and 15<sup>th</sup> February 2014.
82. National Conference on **“Recent Trends in Chemical research”(NCRTCR-2014)** organised by department of chemistry, Sri Jayachamarajendra College of Engineering, Mysore held on 3<sup>rd</sup> and 4<sup>th</sup> of January, 2014.
83. Two day workshop on **Examination and Evaluation, Academic Auditing and Quality Assurance** organized by Department of Environmental Engineering, Sri Jayachamarajendra College of Engineering, held on 24<sup>th</sup> and 25<sup>th</sup> of August, 2013.
84. Builders Association of India, Mysore Centre and Confederation of Real Estate Developers Association of India Mysore Centre organized an International Seminar on **Sustainable Development – Myth or Reality** held at Senate Bhavana, Manasaganagthri, Mysore on 14<sup>th</sup> and 15<sup>th</sup> of December 2013.
85. Workshop on **“Sustainable Management of Urban Water Bodies”** organised by Mysore Zoo on 17<sup>th</sup> and 18<sup>th</sup>, December 2012.
86. National Seminar on **“Atoms in the service of Nation”** organised jointly by Institution of Engineers (India) Mysore Local chapter, Board of Research in Nuclear Sciences-Mumbai, SJCE-Mysore, and Indian Nuclear Society-Mysore held on 13<sup>th</sup> October 2012 at Institution of Engineers (India) – Mysore Local Chapter, Mysore.
87. **Nuclear Energy – Environmental and Safety (NEEDS – 2012)** jointly organized by Indian Nuclear Society, Mysore and Department of Physics, University of Mysore on 3<sup>rd</sup> March, 2012 at DOS in Physics, University of Mysore, Manasaganagthri, Mysore.
88. **3<sup>rd</sup> International Conference on Solid Waste Management and exhibition on Municipal Services**, Clean Technology and Machinerics organized by Mysore City Corporation jointly with International Society of Waste Management, Air and Water Centre for quality management system, Jadavpur University, held during 30<sup>th</sup> of July and 1<sup>st</sup> August 2012, Mysore.

### **Professional Affiliation**

- Member, Institution of Engineers (India)
- Member – CSE’s Green Educators’ Network, since September 2018.

### **Departmental Activities**

- Member of Departmental Under Graduate Committee (DUGC) with responsibilities including coordination and evaluation of B.E technical seminars and progress reviews of B.E project work for CIE and SEE.
- Department Coordinated - AICTE 360 degree feedback survey, department coordinator.
- Member – credit migration committee
- Looking after all examination related work in the department
- Coordinated and prepared the documentation required for NBA of M.Tech (Health Science and Water Engineering) program in 2017.
- Coordinated and prepared the documentation required for NBA of B.E program in 2017.
- Accompanied B.E., III Semester Environmental Engineering students on an industrial visit to Toyota Kirloskar motor Private Limited on 15<sup>th</sup> October, 2019.
- Assisting on the preparation of semester scheme according to the number of credits and subsequent syllabi for the BOS for both UG and PG.
- Prepared the departmental timetable for semester Feb – June 2012, Sept – Dec 2012, Sept – Dec 2013; Feb – May 2014, Aug – Nov 2014, Jan – April 2015, Aug – Nov 2015, Jan – April 2016, Aug – Nov 2016, Jan – April 2017, Aug – Nov 2017, Jan – April 2018, Aug – Nov 2018, Jan – April 2019, Aug – Dec, 2019, Jan – April, 2020 (Offline and Online), Sep – Dec, 2020 (Online).
- Accompanied M.Tech. (Both Environmental Engineering and Health Science and Water Engineering) students on an industrial trips of 3 days to Mangalore.
- Others – workload, examination co-coordinator, involved in the preparation of department calendar of event, group admins (M.Tech – HS&WE)

**(Mrs. Thanushree M S)**  
**Assistant Professor**