



Dayananda Sagar Academy of Technology & Management

(Autonomous Institute under VTU)

Affiliated to **VTU**
Approved by **AICTE**
Accredited by **NAAC** with **A+** Grade
6 Programs Accredited by **NBA**
(CSE, ISE, ECE, EEE, MECH, CV)

Faculty Name	Dr Deepthi B.P (180299)
Academic Designation	Assistant Professor
Department Name	Civil Engineering
Educational Qualification	Ph.D
Experience in Years (Teaching)	13 years
Experience in Years (Industry)	Nil
Official Email ID	deepthiphalanetra@dsatm.edu.in
Area of Interest	Environmental Engg., Water Resource Management
Date of Joining	20-07-2015
Employee ID	180299
Date of Birth	10-12-1987



Educational Details

- Ph.D – Environmental Engineering , SJCE Research Center, VTU
- M.Tech – Environmental Engineering, SJCE(Autonomous) Mysore, Affiliated to VTU, 2011
- B.E – Environmental Engineering, VVCE Mysore, VTU, 2009

Personal Details

- Date of Birth: 10-12-1987
- Hobbies: Reading, Cooking, Travelling

Languages Known: Kannada, Hindi, English

Professional Experience

- Working as Assistant Professor in Department of Civil Engg. at DSATM from **Aug 2015** to **Till Date**
- Worked as Senior Teaching Faculty in Department of Environmental Engg. At SJCE ,Mysore from **Apr 2011** to **Apr 2015**

Publications

- **“Estimation of Hydrologic Simulation in Upstream of KRS Reservoir using SWAT Model”**, 2021, Earth Environ. Sci. 822. pp 1-10. doi:10.1088/1755-1315/822/1/012031
- **“Analysis of Stabilisation period of two lentic lake with marble powder”- ERCAM 2019**. AIP conference proceeding, vol 2204 (1), online publication 10Jan 2020, <https://doi.org/10.1063/1.5141559>
- **“Current status, challenges and new approaches for collection and transportation of municipal solid waste in Bengaluru- A review”**, 2018, JETIR, ISSN: 2349-5162, vol-5, pp 292-295
- **“System approaches to Integrated solid waste management in Mysuru city”**, 2018, JETIR, ISSN: 2349-5162, vol-5, pp 120-123
- **“A Comparative Study on Disinfection of Water by Electrochemical Treatment using Coated an Uncoated Titanium Electrodes”** – Internation Jural Of Science, Engineering & Technology Research vol 5, issue 1, page 177-180, jan 2016.
- **“Feasibility Study of Reclaimed Waste Water for Concreting”-NCCSTM, DSATM, Bangalore, May 2018**
- **“Treatment of Sugar mill Waste Water Using Electro-Coagulation”** – NCCSTM, DSATM, Bangalore, May 2017
- **“Current Status, Challenges and New Approach for Collection and Transportation of MSW in Bengaluru – A Review”** – NCCSTM @ DSATM, Bangalore, May 2017

Awards

- Best Paper Award for **“Current Status, Challenges and New Approach for Collection and Transportation of MSW in Bengaluru – A Review”** – NCCSTM @ DSATM, Bangalore, May 2017
- Best Paper Award for **“Feasibility Study of Reclaimed Waste Water for Concreting”- NCCSTM @ DSATM, Bangalore, May 2018**

Academic Activity

- Alumni Co-Ordinator
- Student Mentor

Faculty Development Activity/Workshops

- “Computational Trends and Applications in Civil Engineering” from 8th to 10th June 2020, Conducted by JSS Academy of Technical Education Noida, Organized by the Department of Civil Engineering.
- “Climate change and sustainability” held on 4th June 2020, organized by Dept of Civil Engg., VVCE, Mysuru.
- “WHY WATER MANAGEMENT IS IMPORTANT”, held on 3rd June 2020, Organized by IIT, Delhi.
- “Faecal Sludge Management; Indian Scenario & Way Forward”, held on 19th May 2020, Organized by KDKCE, Nagpur.
- “Research funding agency and how to write good proposals”, held on 26th June 2020, Organized by AITM.
- Innovative Civil Engineering through Artificial Intelligence at DSATM, from 16th – 20th Jan 2019
- Structural Health Monitoring: A Means for Repair and Rehabilitation at DSATM, from June 28th to 02nd July 2019
- Qualitative and Quantitative Assessment of water resources using SWAT at NIT, Warangal from 12th to 23rd Dec 2016
- Spatial Technology and Modeling for Draught Management at SJCE, Mysore from 11th - 22nd July 2016
- Fifteen days Workshop on **Quantitative and Qualitative Assessment of Water Resources using SWAT organized by NIT, Warangal**, held on 12 /12/2016 to 23/12/2016 (MHRD program)
- Fifteen days Workshop on **Spatial Technology and Modeling for Drought Management organized by SJCE, Mysuru**, held on 11/07/2016 to 22/07/2016 (MHRD program)
- Five days training program on “**AutoCAD Civil 3D & Revit Structures**” organized by SJBIT, Bengaluru, held between 14 and 19/12/2015
- 2 day workshop on **GIS and Modelling – Application in Environmental Engineering** organized by Department of Environmental Engineering, Sri Jayachamarajendra College of Engineering, held on 28th and 29th of March, 2014.
- One day technical seminar on “**ATOMS in the service of the nation**” held on 13th October 2012 at The Institution of Engineers (India), Mysore Local Centre, Mysore; organized by Sri Jayachamarajendra College of Engineering, Mysore, The Institution of Engineers (India), Indian Nuclear Society (Mysore) and Board of Research in Nuclear Sciences, Mumbai.
- National Conference on “**Recent Trends in Chemical research**”(NCRTC-2014) organised by department of chemistry, Sri Jayachamarajendra College of Engineering, Mysore held on 3rd and 4th of January, 2014.
- 2 day workshop on **Examination and Evaluation, Academic Auditing and Quality Assurance** organized by Department of Environmental Engineering, Sri Jayachamarajendra College of Engineering, held on 24th and 25th of August, 2013.
- Workshop on “**Sustainable Management of Urban Water Bodies**” organised by Mysore Zoo on 17th and 18th, December 2012.

- International conference on **Solid Waste Management** and exhibition on Municipal Services, Clean Technology & Machineries, held during July 30 – August 01, 2012, Mysore, Karnataka, India.

Contact Details

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