

**Papers published in last Five years:**

<b>International Journals</b>	<b>International Conferences</b>
<b>96</b>	<b>25</b>

**Conferences attended / Publication:****2021– 2022**

- K.S. Renukumar, Pushpa Tuppad, and Anjaneyappa. Economic sustainability of Non-Revenue Water Reduction Program: A Case study in Bengaluru, India. Presented in International e-Conference on Water Source Sustainability, Organized by Indian Water Resources Society (IWRS) and Department of Water Resources Development & Management, to be held on June 18-20, 2021.
- Deepthi B P, Pushpa Tuppad and K S Lokesh. Evaluating the Impacts of Landuse/Landcover changes on Hydrologic components of Harangi and Hemavathi Watersheds using SWAT model. Presented in International e-Conference on Water Source Sustainability, Organized by Indian Water Resources Society (IWRS) and Department of Water Resources Development & Management, to be held on June 18-20, 2021.
- Supritha H. S. Pushpa Tuppad. Prediction of flood prone areas downstream of Supa Dam using simulation model and GIS. Presented in the International online e-Conference on Ecosystem Restoration for Resilience and Sustainability: Living with Nature, organized by Indian Institute of Technology, Indore and National Institute of Disaster Management Ministry of Home Affairs, Govt. of India, held from 5th to 7th June 2021.
- Savitha U.Ulavi, Varsha, 'Analysis of Regional Air Pollutants Transport to Mysuru City Using HYSPLIT Trajectory Model' in Ecosystem restoration for resilience and sustainability, living with nature organized by IIT Indore in association with NIDM from 5th -7th June 2021

**2022 – 2023**

- Savitha Ulavi, Shiva Nagendra S.M Assessment of factors influencing visibility for south Indian heritage city 'in an International Conference jointly organised by Indian Institute of Technology Madras, Indian Institute of 2 Technology Guwahati, University of Bath UK, and Australian National University Canberra Australia between 27th Nov - 1 st December 2022.
- Diksha Haswani, Ramya Sunder Raman, Kajal Yadav, Abisheg Dhandapani, Iqbal Jawed, R Naresh Kumar, Laxmi Prasad Sanyasihally Vasanth Kumar, Adi Yogesh,

Sadashiva Murthy, and Kaggere Shivananjaiah Lokesh. Study of aerosol trace elements over three COALESCE network locations in India: Spatio-temporal variability, dry deposition and health risks, <https://doi.org/10.5194/egusphere-egu23-6113>, EGU General Assembly 2023.

- Srivatsa N, Rakshitha HD, Apoorva M, Rakshitha NY, Pushpa Tuppad. 2023. Plastic Waste Reuse as Construction Materials. Paper presented in International Workshop on 'Combating Plastic Pollution in Terrestrial Environment' during March 14-15, 2023 at JSS AHER, Mysuru, India.
- Smrithi D, Reshma L G, Amulya G L, Pushpa Tuppad, Chandrashekar B. 2023. Nano Coated Electrodes for the Treatment of Landfill Leachate. Paper presented (oral) in International Conference and Advanced Materials for Health, Energy and Environment, Feb 28th to Mar 2nd, 2023, JSSSTU, Mysuru. Abstract published.
- Savitha U. Ulavi, Nalina M, Muhammed Anas, Sanjana G S ' Assessing Health Benefits and Economic Value Of Improved Air Quality Using Benmap Tool' AMHEE 2023, JSSSTU
- Thanushree M S, Mahadevaswamy M and Mahesh S. 2023. Treatment of Textile Wastewater using Electrochemical Coagulation process using Stainless steel (SS) and aluminium electrodes. Paper presented in International Conference on "Advanced Materials for Health, Energy and Environment" during 28 th February – 2 nd , March, 2023 at JSS STU, Mysore, India
- Sahana M, B M Krishna and S Mahesh. Characterization of ECC generated Sludge for Beverage Industrial Wastewater". Presented in 2nd international Conference on "Advanced Materials for Health, Energy and Environment" held on 28th February – 2nd, March, 2023 at JSS STU, Mysuru.

## Journal publication:

### Journal Publication 2022 – 2023

- 1) Sunil Shivakumar, Monisha Shanmuganathan, Ashantha Goonetilleke, Darryl Day, Archana Sarkar, Dharmappa Hagare, Basant Maheshwari, Ricky Spencer, Matadadoddi Nanjundegowda Thimmegowda, Damodhara Rao Mailapalli, Mihir Kumar Purkait, **Sadashiva Murthy Boohalli Mahadevappa**. Managing floods in Chennai City as part of situation understanding and improvement project, J. of World water policy – Wiley, 2023, 1 – 25, <https://doi.org/10.1002/wwp2.12119>
- 2) Dhandapani, Abisheg, Jawed Iqbal, Radhakrishnan Naresh Kumar, Ankur Bhardwaj, Deeksha Shukla, Ramya Sunder Raman, Sanyasihally Vasanthkumar

Laxmi Prasad, and Boohalli Mahadevappa **Sadashiva Murthy** (2023). Characterization of fine particulate matter water-soluble inorganic ions and estimation of aerosol acidity at three COALESCE network sites—Mysuru, Bhopal, and Mesra—in India. *Environmental Science and Pollution Research*, 30(26), 69241-69257.

- 3) Shamitha D, Suraj S, Nandini Hiremath, Sadashiva Murthy B M and Hemalatha Prabhuswamy. Greywater Reclamation by Vermifilters. *International Journal of Novel Research and Development (IJNRD)*, Volume 8, Issue 8, 8th August 2023, ISSN: 2456 – 4184.
- 4) Issac, A. M., Harshitha, M. S., Lakshmi, T. V., Hagare, D., Maheshwari, B., Reynolds, J. K., Rao, L., Tuppad, P., Prasad, S., Ynag, S., & Sivakumar, M. (2023). Geospatial data and web based tools for managing irrigation infrastructure expansion projects. *World Water Policy*, 9(3), 388–403. <https://doi.org/10.1002/wwp2.12130>
- 5) Vishishtta Nagaraj, Lenita Infancia, Sadaf Anwari, Harshitha M and Sanjay K N (2023), “Characterization of bioplastic prepared from composites of food waste”, *IJNRD*, Volume 8, Issue 8, ISSN: 2456-4184.