



# Sathyabama

Institute of Science and Technology  
(Deemed to be University)



## CENTRE FOR WASTE MANAGEMENT

&

## CENTRE OF EXCELLENCE FOR ENERGY RESEARCH



# One day Training on Heavy Metal Detection from Wastewater using Atomic Absorption Spectrometer (AAS)

26-08-2022



### ABOUT TRAINING

Atomic absorption spectrometry (AAS) analyses the concentration of elements in a liquid sample based on energy absorbed from certain wavelengths of light (190 to 900 nm). Metals are introduced in aquatic systems as a result of the weathering of soils and rocks, from volcanic eruptions, and from a variety of human activities involving the mining, processing, or use of metals and/or substances that contain metal pollutants. Exposure of living organisms to heavy metals leads to numerous health hazards.

### ABOUT CENTRE

To encourage and motivate researchers across the globe, centre have been initiated in the institution towards innovation in the field of Science and technology. Sathyabama Institute of Science and Technology with the joint initiative of the National Solid Waste Association of India (NSWAI) has established the Centre for Waste Management in 2011. Centre was devoted to develop innovative products, patent liable novel ideas in Waste Management, publish experimental outcomes in Q1 journals, train graduate students, offer consultancy services and pursue outreach activities so as to translate the research findings to the society for environmental and economic benefits

**Certificate will be provided**

**In future training programs will be organised for a team (minimum 5) of students upon their requests**

To Register

[Click here](#)

Fees

Rs. 750 /-

### Patrons

**Dr. T. Sasipraba**, Vice Chancellor

### Organizing Secretary

**Dr. Dawn S S**, Professor (Research), CWM

### Convener

**Dr. J. Arun**, Assistant Professor (Research), CWM

### Co-Conveners

**Dr. N. Nirmala**, Assistant Professor (Research), CWM

**Dr. P. Priyadharsini**, Scientific Assistant, CWM

**Mr. A. Santhosh**, Project Coordinator (STI-HUB), CWM

**Ms. A. Bhuvaneshwari**, Project Assistant, CWM

**Mr. J. Jayakanth**, Project Assistant, CWM

### Contact us

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