



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY



CENTRE FOR WASTE MANAGEMENT

(NABL Accreditation in Process)

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Invites

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Application for 15-Days Internship on Water and Wastewater Analysis

Venue: Centre for Waste Management, IRC Time: 9.00 AM to 3.00 PM Date: Slot I - 01.07.2025 - 15.07.2025
Slot II - 16.07.2025 - 30.07.2025

About the Centre

The center, since its inception in 2011 has been involved in research leading to innovative products, developing patentable novel ideas in waste management, publishing experimental outcomes in indexed/peer-reviewed journals, training graduate students, offering consultancy services, and engaging in various outreach activities to transfer research findings for societal benefit. Now, extending its capabilities, The Centre houses a water analysis laboratory (NABL accreditation in progress), ensuring high standards in water quality testing and supporting research, academic, and industrial needs with precision and credibility.

About the Internship

This 15-day internship provides a comprehensive platform for students, researchers, and professionals to gain in-depth knowledge and practical exposure in the field of water and wastewater analysis. Participants will be trained in standard sampling procedures, analytical techniques, and data interpretation aligned with American Public Health Association and Indian standards. It bridges theoretical concepts with real-world applications, fostering technical skills, scientific thinking, and environmental responsibility. The internship also aligns with the United Nations Sustainable Development Goals, contributing directly to SDG 6 (Clean Water and Sanitation), SDG 12 (Responsible Consumption and Production), SDG 13 (Climate Action), and SDG 14 (Life Below Water), thus empowering participants to actively engage in sustainable water resource management and environmental protection.

Account Details:

Account number: 6500955039
IFSC Code: IDIB000S201
Bank name: Indian bank
Account name: Vice Chancellor,
Sathyabama Institute of Science and Technology

Patrons

Dr. Mariazeena Johnson, Chancellor
Dr. Marie Johnson, President
Mr. J. Arul Selvan, Vice President
Mrs. Maria Bernadette Tamilarasi, Vice President
Ms. Maria Catherine Jayapriya, Vice President
Dr. T. Sasipraba, Vice Chancellor

Convener

Dr. Dawn S S, Professor (Research)

Co-conveners

Dr. Arun J, Assistant Professor (Research)
Dr. N Nirmala, Assistant Professor (Research)
Dr. P. Priyadharsini, Assistant Professor (Research)
Dr. Santhosh A, Project Coordinator (STI-HUB)

Trainers

Mr. J. Jayakanth, Project Assistant (STI-HUB)
Ms S V Siva Shankari, Project Associate-1 (SERB)
Mr. K. Alagar, Project Assistant (DST- SYST)
Mr. A. Silambarasan, Project Assistant (STI-HUB)
Ms. J. Merlin, Research Scholar.

Contact Us

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Sathyabama Institute of Science and Technology,
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Internship Objectives

- Understand water and wastewater parameters
- Learn sampling, preservation, and testing techniques
- Analyze physical, chemical, and biological characteristics
- Interpret results as per APHA/Indian standards
- Hands-on experience with analytical instruments

Key Parameters Covered

- pH, Total Hardness
- Total Alkalinity, Chloride
- TDS, Conductivity
- Sulphate, Nitrate, Ammonia
- COD, BOD, Oil & Grease
- Colour, Turbidity
- Taste, Odour
- DO, Calcium, Magnesium, TSS

Hands -On Training on

- UV- Vis Spectrometer
- Kjeldhals Nitrogen Instrument
- Multi Parameter Analyser
- COD Incubator
- BOD Incubator

Stakeholders Who Can Benefit Our Facility

- Safety, Health, and Environment (SHE) Divisions of Corporate Companies
- Construction and Infrastructure Companies
- Hotels and Restaurants
- Hospitals and Healthcare Facilities
- Effluent-Generating Industries
- Individuals, Apartments, and Property Managers

Who Can Apply

- UG/PG students,
- Ph.D. Scholars, Researchers
- Academicians, Industrial Person

Internship Fees:

- UG/PG students, Ph.D. Scholars & Researchers - Rs.3000/-
- Academicians, Industrial Person - Rs. 5000/-

