

MICROPLAST 2025

PATRON

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Tamil Nadu State Council for Science and

Technology

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WHO CAN PARTICIPATE

Participants from industries, academics, research scholars, graduates, School Children

No registration fee for attending the workshop. Those who wish to attend kindly register using the link given below:



Last date for Registration
25.01.2025

FOR FURTHER DETAILS
DR N BALASUBRAMANIAN
Director

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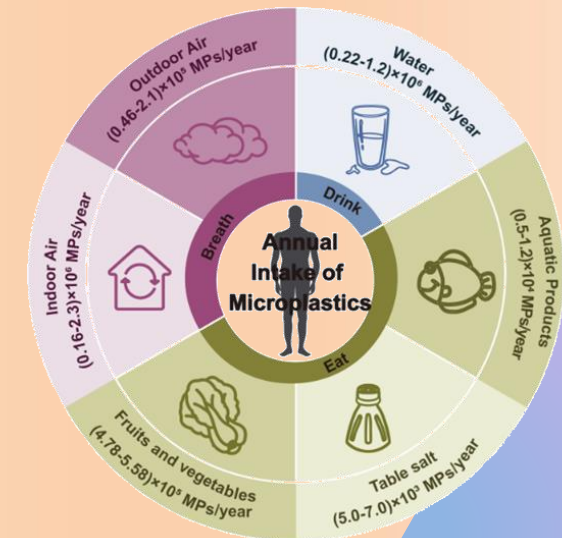


Anna University



MICROPLAST 2025: One-Day Workshop on Micro Plastics and Human Health

8th February 2025



Jointly Organized by

**TAMILNADU STATE COUNCIL FOR
SCIENCE AND TECHNOLOGY
&
CENTRE FOR ENERGY STORAGE
TECHNOLOGIES [CEST]
Anna University, Chennai**

ABOUT ANNA UNIVERSITY

Anna University was established on 4th September 1978. Anna University is a dynamic institution dedicated to the pursuit of academic excellence. Anna University is the largest technical University, with a strength evidenced by 615 affiliated colleges and 7.37 lakh students on roll. The executive committee of the National Assessment and Accreditation Council has accredited the University with A grade. Anna University, being a premier academic engineering Institution in India commits itself to nurture scientific skills to the society at every opportunity and happy to host the National Science Day events 2023 at their premises.

ABOUT CEST

The Centre for Energy Storage Technologies [CEST] is one of the leading research Centres on all aspects of electrical energy storage in India. The CEST is primarily emphasis on the Development of electrochemical energy storage devices with high power density including battery, supercapacitors and Power Dense Devices.

ABOUT TNSCST

The Tamilnadu State Council for Science and Technology established as an autonomous body is undertaking various activities to promote Science and Technology at the state level.

Being the apex body which is to initiate, support and coordinate fundamental and applied research programmes in universities, other scientific bodies and non-government organizations, it has been implementing various programmes.

MICROPLAST 2025

Microplastics originate from various sources, including synthetic fibers from clothing, tire wear particles, road paints, and the degradation of larger plastic items. Microplastics are entering agricultural land through the application of sewage sludge as fertilizer, as indicated by a study from Cardiff University. These minuscule particles are frequently small enough to bypass water filtration systems, allowing us to unknowingly consume them. In marine environments, these particles can be ingested by various marine organisms, including fish and shellfish.

Research on tap water samples globally has revealed that a significant amount of drinking water is tainted with tiny plastic fragments. It appears that microplastic contamination is more prevalent than previously understood, and people around the world are regularly ingesting these particles. The most alarming aspect is the limited understanding of the impact that microplastic consumption may have on human health. The quantity of microplastics present in the environment is expected to increase, and a pressing question persists—what effects will this have on human health?

This one-day workshop, **“MICROPLAST 2025-One-Day Workshop on Micro Plastics and Human Health”** bring together leading experts, policymakers, and stakeholders to discuss the rising concern of micro plastics and the challenges of ensuring good human health.

