

ORGANISERS



National Fisheries Development Board
Department of Animal Husbandry, Dairying & Fisheries
Ministry of Agriculture & Farmers Welfare, Govt. of India



NATIONAL STAKEHOLDER ENGAGEMENT CONFERENCE ON

POLY- AND PERFLUOROALKYL SUBSTANCES (PFAS) AND MICROPLASTICS IN FOOD AND WATER



SCIENTIFIC
EVIDENCE



STAKEHOLDER
COLLABORATION



RISK
ASSESSMENT



SAFE FOOD
SAFE WATER



SUSTAINABLE
FUTURE

SCIENCE • COLLABORATION • SOLUTIONS • SUSTAINABILITY

Date: October 29-30, 2026 | Thursday - Friday

Venue : KSTA Auditorium

BACKGROUND

Microplastics and Per- and polyfluoroalkyl substances (PFAS), widely known as “forever chemicals,” are persistent emerging contaminants of growing environmental and public-health concern. Microplastics have been detected in water, food, environmental media and human tissues, with reported associations with oxidative stress, inflammation, developmental abnormalities and reproductive effects. Their ability to interact with or carry PFAS, metals, polycyclic aromatic hydrocarbons (PAHs), pesticides and plastic additives further raises concerns about combined and mixture toxicity.

PFAS are highly persistent chemicals used in diverse industrial and consumer applications. Indian studies have reported their occurrence in surface water, groundwater, drinking water, food and human biological matrices. However, monitoring remains geographically limited, and dedicated PFAS-specific environmental and drinking-water standards are still inadequate.

Addressing these challenges requires advanced analytical capacity, standardised methodologies, sustained monitoring, collaborative research and science-based policy. In view of these concerns, KSTA is organising a Two-Day National Stakeholder Engagement Workshop on PFAS and Microplastics in Food and Water to facilitate knowledge exchange and promote evidence-based strategies for monitoring, risk assessment and mitigation

ABOUT KSTA

Karnataka Science and Technology Academy is an organization under Department of Science and Technology, Govt. of Karnataka, which was established under the Chairmanship of distinguished Space Scientist Padma Vibhushan Late Prof. U R Rao [2005-2017] Former Chairman, ISRO / Secretary, DOS, Govt. of India. Padma Shree Awardee Dr. S K Shivakumar, Former Director, Prof. U R Rao Satellite Center, Bengaluru led the Academy from 2017 to 2019, followed by Padma Shree awardee Prof. S Ayyappan, Former Director General, ICAR, Govt. of India who served from 2021 to 2023. Presently chaired by Prof. Rajasab A H, Former Vice Chancellor, Tumkur University, Tumakuru.

OBJECTIVES

The objectives of this program are:

- To provide a platform for policymakers, and stakeholders to exchange knowledge, research findings and best practices related to ease these contaminants.
- To create awareness among different stakeholders about microplastics, sources, occurrence and environmental distribution.
- To know the water, food and human exposure pathways and also the source control, pollution prevention and sustainable alternatives.
- To showcase the Microplastic particle characterization and standardization and Environmental and human-health implications.
- To explore the advanced analytical methods and emerging innovative technologies to effective monitoring and analysis of microplastic & PFAS.
- To identify the National collaboration and future research priorities.

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Administrative Officer, KSTA

Dr. Vijaykumar M.E

STO, ICAR- CIFRI, GoI

WHO CAN ATTEND

PG Students, Faculty Members | Scientists | Research Scholars from Engineering, Science and Interdisciplinary Departments

REGISTRATION

- Intake 90 participants only | First-Come-First-Serve
 - PG Students & Research Scholar: Rs. 499/-
 - Insitution & Associate Members of KSTA: Rs. 749/-
 - Faculty Members: 999/-
- Registration fee Includes food and workshop materials

Accommodation will be provided to outstation participants on sharing basis @ Rs.350/- per day per person

ABSTRACT

- Abstracts are Invited for Poster Presentation on the topics of the conference
- Last Date for the Submission: October 20, 2026

PRIZES

Best Paper Presentation

- 1st Prize - Rs. 5,000/-
- 2nd Prize - Rs. 3,000/-
- 3rd Prize - Rs. 2,000/-
- Encouragement Prize: Rs. 1,000/-

REGISTRATION

<https://forms.gle/G8jzPbRczYY5jYXWA>

SCAN & PAY



LOCATION

Karnataka Science and Technology Academy
'Prof U R Rao Vijnan Bhavan, Major Sandeep
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