

About the Workshop

Plastic waste has become a major component of riverine and coastal pollution. Recently, the abundance and effects of tiny plastic particles, known as Microplastics (< 5 mm), have raised an increasing concern globally due to their harmful impacts on the Environment. The impacts are envisaged as more serious when microplastics enter food webs through organisms upon ingestion as Microplastics also act as vectors transferring chemicals and other pollutants from the environment to organisms. Currently, microplastic studies are concentrated in developed nations in Europe, North America, and in the East Asian region, while studies in India are limited. In this context, School of Environmental Sciences of Mahatma Gandhi University which pioneered in the Microplastics research in India way back in 2017 has developed sufficient expertise and infrastructure necessary for Microplastics research and realized the need of popularizing the techniques involved in this hot topic of research. With this objective, a one day workshop has been scheduled on October 07, 2022 (Friday) at School of Environmental Sciences, Mahatma Gandhi University (MGU), Kottayam.

Topics to be covered

1. Microplastics research : an overview.
2. Wastewater treatment systems for microplastic removal.
3. Microplastics in Indian coastal water.
4. Microplastics: Sampling, Extraction and Analysis.

Speakers

Dr. E. V. Ramasamy, Professor School of Environmental Sciences, MGU.

Dr. Sandhya Babel, Professor, School of Biochemical Engineering and Technology, Sirindhorn International Institute of Technology, Thammasat University, Thailand.

Dr. Pravakar Mishra, Scientist F, National Centre for Coastal Research (NCCR), Chennai.

Dr. Vipin Joseph Markose, UGC Post-Doctoral Fellow, SES, MGU.

Registration

A limited number of participants (up to 20 participants) will be provided workshop registration, preference will be given to PhD scholars, Post Doctoral Fellows, PG students and early career scientists / faculty members with an interest in working with microplastics those who are interested may send their application (only through Email) mentioning their name, designation, official address with email and contact number and with few sentences (maximum 150 words) on why they wish to participate in this workshop? to the following email address : evramasamy1@gmail.com. The last date for receipt of applications is **September 30, 2022**. The selected participants will be intimated through email on or before October 02, 2022, the registration fee of Rs 200/- need to be paid at the Registration desk as cash at 9.00 am on 07 October 2022. Note. Neither TA /DA nor accommodation will be arranged for the participants.

Organizing Committee

Patron

Dr. Sabu Thomas, Hon'ble Vice-Chancellor, Mahatma Gandhi University.

Co-Patron

Dr. C.T. Aravindakumar, Hon'ble Pro Vice-Chancellor, Mahatma Gandhi University.

Chairman

Dr. Baiju K. R., Director, School of Environmental Sciences, MGU.

Convener

Dr. E. V. Ramasamy, Professor & Dean, School of Environmental Sciences, MGU.

Workshop Coordinator

Dr. Vipin Joseph Markose (UGC Post Doctoral Fellow).

Members

Dr. Mahesh Mohan, Assistant Professor, School of Environmental Sciences, MGU.

Dr. Sylas V.P., Assistant Professor, School of Environmental Sciences, MGU.

For any Query Please contact

1. Dr. Vipin Joseph (Ph.+919632275734, Email:vpnMrs@gmail.com)
2. Dr.E.V. Ramasamy (Ph.+919447095935; Email:evramasamy1@gmail.com)

ONE DAY WORKSHOP ON MICROPLASTICS IN THE ENVIRONMENT: SAMPLING AND ANALYSIS

07, OCTOBER, 2022

Organized

by

School of Environmental Sciences
Mahatma Gandhi University, Kottayam

In Association with
Thammasat University, Thailand



School of Environmental Sciences
Mahatma Gandhi University, Kottayam
Athirampuzha, Kerala 686560
Website: www.sesmgmu.net
Phone: 0481 273 2120