

### Tentative Schedule

Date & Day	Keynote Lectures			Hands-on Training 14:00 to 17:00
20/07/2026 (Monday)	<p style="text-align: center;">9:00 – 9:30: <b>Registration</b></p> <p style="text-align: center;">9:30 – 10:00: <b>Inauguration</b></p> <p style="text-align: center;">10:00 – 11:10: <b>Gopala Krishna Darbha</b> <i>“Understanding the sampling and processing methods of Microplastics from environmental samples”</i></p> <p style="text-align: center;">11:20 – 12:30: <b>Soumadip Guchhait</b> <i>“Transport of Micro and Nano-plastics in soil and riverine environments”</i></p>	<b>Q&amp;A/Panel Discussion: 12:30-13:00</b>	<b>Lunch: 13:00 to 14:00</b>	<p>Demonstration of <b>sampling procedures, Processing and Extraction</b> for microplastics in air, water, soil matrices, and food samples.</p>
21/07/2026 (Tuesday)	<p style="text-align: center;">10:00 – 11:10: <b>Gopala Krishna Darbha</b> <i>“Detection of micro and nanoplastics using advanced instrumental procedures”</i></p> <p style="text-align: center;">11:20 - 12:30: <b>Gopala Krishna Darbha</b> <i>“Geochemical factors influencing the fate of Micro and Nanoplastic in the environment”</i></p>			<p>Use of <b>Stereo Microscope, FTIR, Fluorescence, and Raman spectroscopy</b> for the detection and characterisation of micro and nanoplastics</p>

<p><b>22/07/2026</b> <b>(Wednesday)</b></p>	<p>10:00 – 11:10: <b>Jay Karmakar</b> <i>“Impact of Micro and nanoplastics on marine health”</i></p> <p>11:20 – 12:30: <b>Saheli Kumar</b> <i>“Bioaccumulation and biomagnification of microplastics in terrestrial and aquatic plants and organisms”</i></p>			<p>Application of <b>Total Organic Carbon Analyser, CHNS Analyser, and UV-Vis</b> for microplastic research</p>
<p><b>23/07/2026</b> <b>(Thursday)</b></p>	<p>10:00 – 11:10: <b>Sangeetha T</b> <i>“Detection and identification of plastic additives and their impact on ecosystems”</i></p> <p>11:20 – 12:30: <b>Talib Mohammed</b> <i>“Application of Artificial Intelligence and machine learning in plastic waste detection, classification and their management”</i></p>	<p><b>Q&amp;A/Panel Discussion: 12:30-13:00</b></p>	<p><b>Lunch: 13:00 to 14:00</b></p>	<p>The analysis of plastic-associated additives and metal contaminants through <b>ICP MS/OES, HPLC and Py-GC-MS</b></p>
<p><b>24/02/2025</b> <b>(Friday)</b></p>	<p>10:00 – 11:10: <b>Gopala Krishna Darbha</b> <i>“Advanced remediation process for the removal of microplastic and nanoplastic from the environment”</i></p> <p>11:20 – 12:30: <b>Jay Karmakar</b> <i>“Adverse effects of Microplastics on climate change”</i></p>			<p>Morphological characterisation and visual identification of microplastics using <b>Scanning Electron Microscopy, Atomic Force Microscopy and DLS</b></p>