



## ST.XAVIER'S COLLEGE, MAPUSAGAO

College with Potential for Excellence  
Reaccredited by NAAC with A Grade  
Awarded DBT STAR College Scheme

<b>Nature of Event</b> ( Workshop, Guest Lecture, Add on Course ,Seminar, etc.)	Faculty Training
<b>Name of Department</b>	Microbiology
<b>Faculty In-charge</b>	Ms. Anita Parsekar
<b>Stratum of Event</b> (College,State, Regional, National)	National
<b>Title of Event</b>	“Operation of Atomic Absorption Spectrophotometer, Total Organic Carbon Analyser, Acoustic Doppler Current Profiler and Epifluorescence Microscope”
<b>Date of Event</b>	23 <sup>rd</sup> – 29 <sup>th</sup> August 2022
<b>Venue</b>	School of Earth, Ocean and Atmospheric Science, Goa University
<b>Resource Person details</b>	<ul style="list-style-type: none"><li>- Dr. Aftab A. S. Can, Goa University</li><li>- Dr. Priya D’Costa, Goa University</li><li>- Dr. Maheshwar R. Nasnodkar, Goa University</li><li>- Dr. Sangeeta Naik, Goa University</li><li>- Dr. Sheryl Fernandes, Goa University</li><li>- Dr. Smita Naik, Goa University</li><li>- Dr. Arjun Adhikari, Goa University</li></ul>
<b>Objective/Scope of Event</b>	The main aim of this workshop was to provide an insight to participants on the functioning of AAS, TOC analyser, ADCP and Epifluorescence Microscope. The participants were introduced to principles and working of the instruments, hands-on experience, sample preparation and analysis, data processing and a field visit to the estuary to demonstrate the functioning of ADCP on-board a fishing vessel.
<b>Particulars of Event</b>	<b>Ms. Anita Parsekar</b> , Assistant Professor, Department of Microbiology attended the hands-on workshop titled “ <b>Operation of Atomic Absorption Spectrophotometer, Total Organic Carbon Analyser, Acoustic Doppler Current Profiler and Epifluorescence Microscope</b> ” conducted by School of Earth, Ocean and Atmospheric Science, Goa University in association with Department of Science & Technology (DST) and IIT, Gandhinagar from 23 <sup>rd</sup> to 29 <sup>th</sup> August, 2022. The STUTI program funded by the Department of Science & Technology (DST), Government of India is a scheme intended for human resources and capacity building through open access to S & T Infrastructure across the country by organizing various training programs on DST-supported R&D equipment targeting Scientists/Professors/PhDs and PDFs actively involved in research across various institutions in the country.

	The participants were exposed to and received hands on training on various instruments such as AAS, TOC analyser, ADCP and Epifluorescence Microscope
<b>Outcome of Event</b>	Overall, this hands-on workshop on instrumentation provided a good learning experience and added to my knowledge on handling various sophisticated instruments for scientific analysis
<b>Feedback</b>	The event was an enriching experience for the participants.
<b>Total No. of Beneficiaries</b>	01
<b>Photographs</b>	