

## Training Session for Officials of Mauritius on PFZ & Other Services

Venue: INCOIS, Hyderabad

Date: 29 July - 02 August 2024

### Agenda

Day-Wise	Time	Program
29-Jul-2024	10:00 – 10:15	Welcome, Group photo with Director, GD, DHs & faculties
	10:15 – 11:00	Introduction to PFZ Services – <b>Dr. Nimit Kumar</b>
	11:00 – 11:30	Tea Break
	11:30 – 13:00	Fish Physiology and Oceanography – <b>Dr. Nimit Kumar</b>
	13:00 – 14:00	Lunch Break
	14:00 – 17:30	1. Fundamental Principles of Electromagnetic Radiation and Its Interaction with Ocean Surface and Atmosphere 2. Introduction to Ocean Colour: Concepts, Methods, and Applications 3. Introduction to Thermal Infrared Remote Sensing of Sea Surface Temperature and Its Applications – <b>Dr. N. Srinivasa Rao</b>
30-Jul-2024	10:00 – 11:00	Background on Fisheries – <b>Dr. Dhanya Lal</b>
	11:00 – 11:30	Tea Break
	11:30 – 13:00	Marine Optics and Ocean Colour Remote Sensing – <b>Mr. Alakes Samanta</b>
	13:00 – 14:00	Lunch Break
	14:00 – 17:30	Hands – On Training – PFZ <b>Mrs. Naga Swetha</b>
31-Jul-2024	10:00 – 11:00	Marine Environmental Variables vs Phytoplankton – <b>Dr. S K Baliarsingh</b>
	11:00 – 11:30	Tea Break
	11:30 – 13:00	Ocean Colour & Processing with SeaDAS – <b>Mr. Prem Kumar</b>
	13:00 – 14:00	Lunch Break
	14:00 – 17:30	Hands – On Training – PFZ <b>Mrs. Naga Swetha</b>
01-Aug-2024	10:00 – 11:00	Introduction on Open-Source GIS tools – <b>Mr. H. Shiva Kumar</b>
	11:00 – 11:30	Tea Break

	11:30 – 13:00	Training on Open-Source GIS tools – <b>Mr. H. Shiva Kumar</b>
	13:00 – 14:00	Lunch Break
	14:00 – 17:30	Hands – On Training – PFZ <b>Mrs. Naga Swetha</b>
<b>02-Aug-2024</b>	10:00 – 11:00	Introduction on Ocean State Forecast – <b>Mr. V. Chandra Sekhar</b>
	11:00 – 11:30	Tea Break
	11:30 – 13:00	Introduction on Multi Hazards Services – <b>Dr. Ajay Kumar</b>
	13:00 – 14:00	Lunch Break
	14:00 – 17:30	Queries & Discussions – Visit to Other Labs

#### Pre-Requisites

- Familiarity with Window Operating System Environment
- Basic knowledge of GIS Data formats (TIFF, Img, Shp, NetCDF.)

#### Software Requirements

- Q-GIS 3.34
- SeaDAS
- Ferret
- Microsoft Excel