



Fishery Oceanography for the Ocean Decade (FOOD) 2024, Hyderabad

Arrival: 17 Jan (Hyderabad), Departure: 7/8 Feb (from Vizag/Hyd as applicable)

Module-1 (18-20 Jan): Introduction

- Inaugural
- Oceanographic Processes
- Remote sensing techniques, data products, sources
- Other data useful products (e.g., models), sources

Module-2 (22-27 Jan): Fishery Oceanography

- Nutrients, Productivity and Nutrient Cycles
- Fish life cycle and Oceanographic Processes
- Tools: Acoustics, Telemetry, e-DNA, BRUV etc
- Online biological and fishery databases
- Mariculture and Oceanography
- Anthropogenic Threats to Fishery Resources

Module-3 (29-31 Jan): Coastal Processes

- Physical processes
- Biogeochemical linkages
- Impacts and management
- Observation techniques (theory)

Module-4 (1-3 Feb): International Framework and proceedings of Ocean Decade

- Ocean Decade Frameworks
- Challenges, Roadmaps and Outcomes
- Regional frameworks in the Indian-Ocean Region
- Networking & participation to UN Ocean Decade IOR conference (Courtesy: DCC-IOR)

Module-5 (4-7 Feb): Onboard observations and laboratory analysis

- Fieldtrip to Visakhapatnam (Vizag)
- Seawater sampling preparations (instruments, chemicals)
- Onboard handling of instruments and sample collection
- Laboratory analysis
- Data analysis and interpretation
- Feedback and Valedictory