

**Summary of the In-Service Training (IST) Programme on
“Blue Economy: A Multi-Dimensional Overview with Special Focus on Marine and Coastal
Ecosystem Conservation Measures”
(24th to 28th November 2025)**

International Centre for Environment Audit & Sustainable Development (iCED) organised an In-Service Training (IST) Programme on “Blue Economy: A Multi-Dimensional Overview with Special Focus on Marine and Coastal Ecosystem Conservation Measures” from 24th to 28th November 2025 at its own campus. A total of 10 participants attended the training programme.



L-R: Shri Aziz Karim Shaikh, IAS; Dr. Deepak Apte, Faculty; Shri Amar Shankar Y, SAO; Cdr. P. K. Srivastava, Faculty; Shri Gopal Meena, IAS; Shri Rajakumar S Naik, Dy. Director ; Ms. Nidhi Choudhari, IAS; Dr. Abhishek Gupta, Director General (iCED); Ms. Meena Bisht, Director (T&R); Shri Harish Khurana, Dy. Director (Admn); Shri Moses D, SAO; Dr. Joice V Thomas, CEO; Ms. Priyanka Mohil, SAO; Dr. D Manikandan, IAS; Shri Muthuraman V, SAO

Dr. Abhishek Gupta, Director General, iCED acknowledged the distinguished presence of the participants in his opening remarks. In his inaugural speech, he highlighted that India with its 11,000 km coastline, abundant marine biodiversity, and strategic position in the Indian Ocean, is well-placed for advancements in Blue Economy. He emphasized that this decade of 2021-30 has been declared as the UN Decade of Ocean Science for sustainable development. In this context, he also highlighted about several strategic initiatives launched by Government of India in alignment with India’s Draft National Blue Economy Policy and towards achievement of SDG-14 (Life Below Water).

During this five-day in-Service training programme, experts from IA&AD and other reputed ministries and organizations such as Ministry of Earth Sciences, New Delhi; DES Pune University, Pune; Tamil Nadu Green Climate Company (TNGCC), Chennai; National Institute of Ocean Technology, (NIOT), Chennai; National Centre for Coastal Research (NCCR), Chennai; The ICAR-Central Marine Fisheries Research Institute (CMFRI), Kochi; Indian National Centre for Ocean Information Services (INCOIS), Hyderabad and Ministry of New and Renewable Energy (MNRE), New Delhi delivered the sessions on India's Blue Economy policy, SDG 14, marine biodiversity, pollution, and CRZ governance, enriched with audit case study experiences. They also covered sustainable fisheries, ocean technology, data and modelling, and marine renewable energy including offshore wind.

The session-wise details are outlined as follows:

S. No	Resource Person	Session/s
1.	Cdr. P. K. Srivastava, Scientist 'G' Ministry of Earth Sciences, New Delhi	Overview of Blue Economy - Government Initiatives and Policy Framework for promoting Investment, Innovation and Sustainable Growth
2.	Dr. Deepak Apte, Professor of Practice and Director-ARC (Ecology & Conservation) DES Pune University, Pune	Framework and Implementation of SDG 14: Conservation of Ocean, Sea and Marine Biodiversity & India's Blue Economy Strategy
3.	Shri Sanjay Kumar Jha, IA&AS (Retd.)	Case Study: Experiencing Sharing on Audit of Blue Economy
4.	Dr. Ramesh Ramachandran Advisor, Tamil Nadu Green Climate Company, Chennai	CRZ Framework: Governance, Implementation, and Future Outlook
5.	Prof. Balaji Ramakrishnan, Director, National Institute of Ocean Technology, Chennai	Ocean technology for sustainable development and conservation of marine resources
6.	Dr. K. Ramu, Scientist F, National Centre for Coastal Research, Chennai	Coastal Water Quality and Marine Pollution: Marine Litter & Micro Plastics
7.	Dr. Grinson George, Director, ICAR CMFRI, Kochi	Sustainable development of fishery management & coastal ecosystem
8.	Dr. Venkat Shesu R, Scientist 'F', INCOIS, Hyderabad	Technological advancement in Blue Economy: Ocean Data Management, modelling & applied aspects
9.	Dr. Prabir Kumar Dash, Scientist-E, MNRE, New Delhi	Marine Renewable Energy with special focus on Offshore Wind Energy

An excursion trip to Jaipur's iconic historical sites viz. Amber Fort and Hawa Mahal was also organized for participants on 26.11.2025. The visit offered participants an opportunity to explore the city's rich architectural heritage and cultural legacy, providing a refreshing and enriching experience alongside the training programme.

Comprehensive feedback on course designing, duration of training program and sessions, content, knowledge and its delivery by the resource persons and facilities available at iCED was provided by the participants. The average feedback of the participants is 9.7 out of 10, which is very encouraging.

Participation certificates and group photographs were formally issued and shared with all participants during the valediction function of the programme. In his valedictory address, Director General, iCED extended his heartfelt thanks to all the participants and faculty members for their participation and invaluable contributions to the programme.