

## **Summary of National Training Programme on “Audit of Climate Change and Financing Measures” from 08<sup>th</sup> to 12<sup>th</sup> July 2024**

International Centre for Environment Audit & Sustainable Development (iCED) organized National Training Programme on “Audit of Climate Change and Financing Measures” from 08<sup>th</sup> to 12<sup>th</sup> July 2024 at its own campus. A total of 22 participants from 08 field offices including 06 group officers, participated in the training programme.



### **National Training Programme on “Audit of Climate Change and Financing Measures”**

Shri Mehul Grover, Director (Training and Research) extended a warm welcome to Additional Deputy Comptroller and Auditor General & Director General, Ms. Sayantani Jafa and all the participants. He highlighted that the training programme would cover a wide range of topics related to climate change and financing measures. He requested ADAI Madam to deliver her welcome address.

Ms Sayantani Jafa, Additional Deputy Comptroller and Auditor General & Director General, iCED inaugurated the training programme. She welcomed all the participants and emphasized the importance of the training programme on “Audit of Climate Change and Financing Measures”

ADAI, iCED highlighted that in the past 150 years, there has been a significant increase in average global air temperature primarily due to human activities, such as burning fossil fuels and releasing greenhouse gases. This has disrupted the natural balance of absorption of thermal radiation into the Earth’s surface. Climate change affects the most vulnerable populations, especially in developing countries like India. She emphasized the IPCC's Assessment Report (AR6) 2023 warning that if the current development pathway is not reversed, global warming will exceed 1.5°C during the 21st century.



**Ms. Sayantani Jafa, ADAI & DG, iCED during the inauguration**

ADAI, iCED further mentioned that green finance is transforming India's economy towards net zero emissions, integrating environmental considerations into financial decision-making through initiatives like green bonds, carbon pricing, and sustainable investment strategies.

Further, she highlighted that the green finance is gaining momentum in the Indian economy as a crucial tool for transitioning toward net zero emissions. As, India has set a target of reaching net zero by 2070. India will need cumulative investments of USD 10.1 trillion to significantly scale up its climate transition and achieve net-zero emissions by 2070. Climate finance gap can be bridged by tapping into global green capital and expanding funding channels as well as utilizing global green capital from various organisations.

She emphasized that as auditors, we have a critical role in facilitating the transition to a low-carbon and resilient future. Through

rigorous audits of climate change programmes and projects, we ensure efficient resource utilization and effective management of environmental risks, thereby driving positive change and contributing to the Sustainable Development Goals.

Further, she emphasized that the debates on Climate Change are sharp. For some experts like Dr. Vandana Shiva techno-fix wisdom for environmental degradation should be less pivotal than eco-austerity and the whittling down of consumption. For some others like Dr. Bjorn Lomborg careful climate science is needed to shape thoughtful climate policy which should be the outcome of citizen deliberations instead of glamorous activist conversations and elite discussions.

She also briefed about outdoor activities like Shopping excursion to Bapu Bazar, the traditional market of Jaipur and Sports and other facilities at iCED Campus etc.

With this introduction, ADAI Madam again welcomed all the participants at iCED, expressing hope for a productive and engaging training programme.

During this Five days' training programme, 09 experts from IA&AD and other reputed organizations such as The Energy and Resources Institute (TERI); Malviya National Institute of Technology (MNIT), Jaipur; Indian Institute of Science (IISc), Bangalore; National Maritime Foundation (NMF), New Delhi, Space Applications Centre (SAC), ISRO, Ahmedabad etc. were invited to deliver the sessions on various aspects of Climate Change and Financing Measures in auditing perspective.

Teaching methods during the training programme included both formal lectures as well as various individual and group exercises, etc. Details of the trainers and the sessions delivered during this programme are as follows.

<b>Sl. No.</b>	<b>Sessions</b>	<b>Trainer/s</b>
<b>1.</b>	<b>An Overview of Climate Change: Assessment, Projections &amp; Impacts</b>	Shri K Venkatramana, Associate Fellow and Area Convenor, TERI, New Delhi
<b>2.</b>	<b>National Action Plan on Climate Change (NAPCC): Approach and Achievements</b>	Shri Nakul Sharma, Programme Coordinator, CANSA, New Delhi
<b>3.</b>	<b>Climate Change and Green Finance</b>	Dr. Nanda Dulal Das, Director, NAAA Shimla
<b>4.</b>	<b>Climate Change and Sustainable Development Goals</b>	Dr. Akhilesh Kumar Mishra, Scientist-D, Ministry of Earth Sciences, Government of India, New Delhi
<b>5.</b>	<b>Auditing Climate Change Strategies with reference to Green Finance and Taxation</b>	Dr. Vivekanand, Assistant Professor, MNIT, Jaipur
<b>6.</b>	<b>Carbon Neutrality and Global Framework for Climate Change Mitigation and Adaptation</b>	Shri Amlan Mishra, Research Associate, TERI, New Delhi
<b>7.</b>	<b>Climate Change and Net Zero as Drivers of Innovation and Entrepreneurship for Sustainable Development: Challenges and Opportunities</b>	Dr. TV Ramachandra, Indian Institute of Science, Bangalore
<b>8.</b>	<b>Climate Change Management and Monitoring Using Remote Sensing and GIS Techniques</b>	Dr. Gaurav V Jain, Scientist, Space Applications Centre (SAC), ISRO, Ahmedabad
<b>9.</b>	<b>India's Approach and Position on Climate Change Governance</b>	Dr. Chime Youdon, Research Associate, National Maritime Foundation (NMF), New Delhi

Further, a shopping tour to Bapu Bazar, a traditional artisanal market of Jaipur, was also organized. Bapu Bazaar is a shopping destination located on MI Road in the heart of Jaipur. It is one of the oldest markets in Jaipur. The market is known for its exotic Rajasthani craft products which include handlooms, handicrafts, brass work and precious stones.

**Team Wise Exercise**-Team Wise Exercise was also given to the participants. All participants were divided into three groups of seven/eight participants in each group.



**Ms. Sayantani Jafa, ADAI & DG, iCED, Shri Mehul Grover, Director (T&R), iCED with the participants during the pre-valedictory session.**

Ms. Pratibha Singh, DAG, Shri Ahmed H. Choudhury, DAG and Shri Sadananda Naskar, DAG represented their groups during this team exercise session. **Ms. Sayantani Jafa, ADAI & DG, iCED** evaluated the presentations given by all the groups of the participants during pre-valedictory session.

**Feedback:-** Feedback on course designing, the time required, content, knowledge and its delivery by the resource persons and facilities available at iCED was also collected from the participants through SAI Portal. The average feedback of the participants is 9.11 out of 10, which is very encouraging. Sessions on “Auditing Climate Change Strategies with reference to Green Finance and Taxation” was rated as the best.

**Summing-up and valediction:-** Ms Sayantani Jafa, Additional Deputy Comptroller and Auditor General & Director General, iCED graced the valedictory session of the National Training Programme.

She highlighted that iCED brings out a quarterly journal, named "Green Files", which highlights topical auditing issues in the sphere of Blue Economy, Climate Change and



**Ms. Sayantani Jafa, ADAI & DG, iCED during the Valediction**

other areas of environmental audit and sustainability. ADAI, iCED invited participants to take a look into the 48<sup>th</sup> Volumes of Green Files, which might provide them with important auditing goals in their respective areas.

Additionally, ADAI, iCED invited participants to peruse iCED's Occasional Research Paper (ORP) Series, launched in May 2022, on various subjects relating to climate change, issues relating to urban flooding, transportation, air pollution, waste management, inter alia. So far, fifteen (15) ORPs have been published at the website of iCED and more are in the offing.

Also, she invited participants to go through the compendium on research publications of iCED which was released during prestigious SAI 20 summit and are also available on iCED's website.

ADAI, iCED thanked all the participants again for participating in the training programme. She also conveyed her thanks to all the experts who shared their experiences during the training programme.