8th International Training Programme on “Introduction to Environment Audit”

And

International Workshop on “Biodiversity”,

International Centre for Environment Audit and Sustainable Development (iCED), SAI India
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The Comptroller and Auditor General (C&AG) of India is a Constitutional Authority appointed by the President of India to head the Supreme Audit Institution (SAI) of India.

Our mission is to promote accountability, transparency and good governance through high quality auditing of public receipts and expenditure in order to provide independent assurance to stakeholders that public funds are being used efficiently and only for the intended purposes. SAI of India chairs the INTOSAI Knowledge Sharing Committee and its Working Group on IT Audit. CAG of India also chairs the Compliance Audit Sub-committee of the PSC.
The 8th International Training Programme (ITP) on “Introduction to Environment Audit” and International Workshop on “Biodiversity” for audit personnel from INTOSAI member countries would be conducted from 23rd November to 05th December March, 2020 and from 22nd February to 26th February, 2021 respectively at the International Centre for Environment Audit & Sustainable Development (iCED), Jaipur.

Indicative Course contents of 8th International Training Programme on Environment Audit

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<th>#</th>
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<th>Key contents</th>
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<td>ENVIRONMENT AUDIT</td>
<td>Environment Governance and group work on environment governance</td>
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<td>ENVIRONMENTAL ASSESSMENTS</td>
<td>The Concept of sustainable development and Sustainable Development Goals</td>
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<td>CLIMATE CHANGE</td>
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<td>Forming audit questions and Audit cooperation in Climate Change issues</td>
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<td>Renewable Energy, Energy Efficiency and its Audit</td>
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<td>4</td>
<td>BIODIVERSITY</td>
<td>Essence of Biodiversity</td>
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<td>Selecting an Audit topic in the area of Biodiversity</td>
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<td>Designing audits of biodiversity and Audits of biodiversity based on MEA</td>
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<td>5</td>
<td>WATER</td>
<td>Global Water challenges AND Overview of various methods used in Water Audits worldwide</td>
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<td>Practical application of Audit methods involving complex topics</td>
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<td>6</td>
<td>WASTE</td>
<td>Overview of issues related to waste</td>
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<td>Auditing waste Issues</td>
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<td>Designing audits of Waste issues that involve MEAs</td>
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<td>7</td>
<td>REVIEW</td>
<td>Strategy for developing Environmental Auditing</td>
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1. **Language proficiency and experience:**

   The medium of instruction is English and workable fluency in English, both oral and written, is an essential prerequisite for the programme. Mid-level/senior professionals with at least 5 years' professional experience would have better prospects to be accepted for the training programme.

2. **Pre-requisites for the training programme:**

   Registered applicants for the training will be expected to do pre-course reading and prepare a brief paper before the course which would include overview of performance audit process in their SAI, environmental challenges and government response in their country and a list of key Multilateral Environment Accords signed in the country.

3. **Application for the training programme:**

   Applicants for ITP on “Introduction of Environment Audit” and for International Workshop on “Biodiversity” need to send filled-in nomination forms duly endorsed by respective head of departments along with a copy of passport before 15th September, 2020 and 15th December, 2020 respectively to Mr. Pushkar Kumar, Director (T&R), iCED at iced@cag.gov.in. Registration will be done on first come first serve basis.

4. **Registration and methodology for the training programme:**

   The participants are required to report at iCED, Jaipur for global programme on “Introduction to Environment Audit” and International Workshop on 22nd November, 2020 and 21st February, 2021 respectively for registration. The programmes will involve practical exercises, with emphasis on conceptual clarity, field visits and sharing of relevant experiences. The programmes will be conducted by experienced faculty / resource persons who are experts in their respective fields.

5. **Training / Participation costs:**

   The SAIs who send their participants to the training programme / workshop are expected to cover only the direct costs (meals, cost of stay, study tours and environmental excursion) at the rate of 125 USD per person per night, in addition to the travelling costs. The amount may be deposited in the iCED’s bank account through electronic mode. US $ 125 multiplied by the number of nights you are staying at iCED Jaipur is payable (excluding bank commission, if any) before reaching iCED Jaipur. Bank / Intermediary charges for electronic transfer of money shall be borne by respective SAIs. The details for e-transfer are as follows:

   - **Beneficiary Name:** Office of the Principal Director I.C.E.D, Jaipur
   - **Beneficiary Account No.:** 33436985147
   - **Beneficiary Bank Name & Branch:** State Bank of India, New Central Revenue Building Branch, Jaipur, Rajasthan (INDIA)
   - **Beneficiary Address:** Office of the Director General, International Centre for Environment Audit & Sustainable Development (iCED), Plot No. SP- 6 & 7, Kant - Kalwar, RIICO Industrial Area, Near Achrol, Jaipur, Rajasthan - 303 002.
   - **SWIFT Code:** SBININBB154
   - **IFSC Code:** SBIN0006326

   If electronic mode of transfer of money is used, kindly send us a copy of the advice generated for the transfer of money for accounting purposes.

6. **Contact details:**

   For further information regarding course registration, please contact Mr. Pushkar Kumar at e-mail address kumarp2@cag.gov.in or iced@cag.gov.in.
SAI India has been conducting international training programmes since 1979. iCED is a designated Global Training Facility of Working Group on Environmental Audit (WGEA), as well as of the Working Group on Extractive Industries (WGEI) of International Organizations of Supreme Audit Institutions (INTOSAI), since March 2011 and August 2016 respectively. iCED is also a premiere institution conducting training programmes on Environment Audit under Indian Technical and Economic Cooperation Programme sponsored by Ministry of External Affairs, Government of India. iCED embarked on its capacity building efforts in October, 2013. iCED has been set up near the historical city of Jaipur in India, located around 230 kilometers from Delhi, the capital of India. This facility seeks to harness India’s expertise in conducting more than 100 environment audits in last 20 years to provide extensive training and to act as a forum for experience sharing and research for the auditors and government program managers.

iCED has state-of-the-art infrastructure with excellent residential facilities and Wi-fi enabled campus. Our sports complex has Swimming Pool, Gymnasium, Table Tennis, Lawn Tennis, Badminton, Billiards, Squash, Chess, Carrom etc.

**About iCED**

**Vision**

We aim to be a global Centre of Excellence for improving accountability and governance in the area of environment and sustainable development.

**Mission**

We will develop high quality products in training and research to enrich environment audit through an inter-disciplinary approach enabled by valuable partnerships.

**Values**

- Professional excellence
- Objectivity
- Concern for environment
- Learning organisation
- Collaborative Approach

**Strategic objectives**

- Be a knowledge centre that fosters learning and builds capacity for audit of issues relating to environment and sustainable development
- Promote mainstreaming of environmental concerns among government agencies and public auditors
- Undertake research that informs the audit processes as well as governance structures related to these issues
- Be an information hub on environment, sustainable development and audit related issues
- Build partnerships with SAIs and other organisations working in this area for knowledge and experience sharing
- Develop a modern, efficient, effective and adaptable institution adopting best management practices
I. Green Features in Design and Construction

The norms prescribed in Energy Conservation Building Code 2006 of India have been applied for energy efficient design and construction of the building. Some of these features are:

- Use of locally available building material to minimize the environmental impact.
- Use of fly ash in concrete and bricks.
- Double glazed windows & doors with solar reflecting films, insulated walls and Dry cladding of stones to reduce heat transmission.
- Energy efficiency features include orientation optimization, overhang sizing, skylights, energy efficient lighting fixtures etc.
- Use of solar water heating system.

II. Green features in Operations of iCED

- A Solar Farm (50 KVA) to demonstrate the use of clean energy.
- Rain water harvesting system secures maximum benefit from each raindrop falling in the campus.
- Sewage Treatment Plant (STP) of 40 Cu. M. per day for waste water treatment and reuse. Grey water is treated within campus and used for garden.
- Organic waste (garden, kitchen / food) is composted within the campus. The plastic material is discouraged and use of paper is kept at minimum.
- A Rare Trees Park has eight tree species which have become rare in the region. Besides 20 herbs/trees having medicinal properties are also planted.
- Thermal cooling / heating through EARTH AIR TUNNEL to demonstrate technology that uses earth as a heat sink for cooling in summer and as a heat source during winters.
iCED has conducted seven International Training Programmes since 2013 on Environment Audits. Two training have also been conducted under ITEC programme of Government of India.

The International Training Programmes (ITPs) have modules developed by SAIs of different countries and the expert/ faculties from different SAIs deliver these modules at iCED. This unique model offers participants different perspectives of how environment systems are managed and audited across the world.

Presently SAI India has MoUs / training arrangements with 17 SAIs, under which regular Bilateral Training Programmes (BTPs) for specific audits have been held. So far iCED has conducted eight such international programmes.

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<tr>
<th>Year</th>
<th>Number of Participants</th>
<th>Number of countries</th>
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<tbody>
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<td>2013</td>
<td>25</td>
<td>13</td>
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<td>2014</td>
<td>45</td>
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<td>2015</td>
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<td>2016</td>
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<td>2017</td>
<td>117</td>
<td>35</td>
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<tr>
<td>2018</td>
<td>29</td>
<td>14</td>
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<tr>
<td>2019</td>
<td>71</td>
<td>26</td>
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The 6th Seminar on Environmental Auditing and 5th Meeting of ASOSAI Working Group on Environment Audit (WGEA) was held at iCED, India from 17th to 19th October 2016 involving 48 delegates from 21 Supreme Audit Institutions and international organizations.


In 2017 iCED hosted the audit planning meetings to review the audit plans for Cooperative Performance Audit on Preparedness for Implementation of SDGs.

Training programs for auditors from SAI India have also been conducted on various Environmental themes. These courses have been delivered by academics, public environment managers, grass roots organizations, etc., and have received wide appreciation. As of March 2020, iCED has trained around 2800 personnel from SAI India in audit of environment and related issues.

iCED conducts three International Trainings / Workshops regularly and also as per requests received from other countries as well as international organizations.

National Workshop on various themes such as Audit of SDGs, Groundwater Management, Ganga Rejuvenation, Sustainable use of the Oceans, Seas, and Marine Resources etc. have been organized. National Workshop on Natural Resource Accounting (NRA) and Plastic Waste Mgt. was also held in January and March 2020.
iCED in Research

SAI India is actively participating and contributing towards research projects of INTOSAI WGEA under various Work plans as shown below:

<table>
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<tr>
<th>INTOSAI WGEA Work Plan</th>
<th>Work Packages/Projects</th>
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| **2014-16**            | - Greening the SAIas (leader)  
                        | - Environmental Assessments (co-leader with SAI, Canada) |
| **2017-19**            | - Development of Training Tool on Environmental Data |
| **2020-2022 (in progress)** | - Work package 2: SDG 12 - responsible consumption and production - focus on plastic waste (leader)  
                           | - Work package 4: SDG 11 - sustainable cities and communities - focus on transport (member)  
                           | - Work package 5: Increasing understanding on environmental SDGs (co-leader)  
                           | - Work package 6: Experience sharing and capacity building (co-leader) |

- SAI India also participated in following projects:
  - Development of training module on Greening SAIas
  - ASOSAI WGEA Research Project on Application of Big Data Analytics in Environmental Auditing

- For sourcing academic/technical expertise to augment the extant research capabilities of iCED,
  - Memorandum of Understanding has been signed with The Energy and Resources Institute (TERI). TERI being an institute of international repute specializes in the fields of energy, environment and sustainable development.
  - An internship scheme has been implemented for students and academicians. Research Interns have worked in following areas:
- Impact of marine nature-based tourism in Goa
- Enhancing evaluation in Audits by integrating it with Regulatory Impact Assessment
- Applications of Geographical Information Science & Remote Sensing in Environmental Auditing & Planning
- E-waste Management in Jaipur City
- A case study on understanding the value addition of Non Timber Forest Products using System Dynamics in Telangana, India

> Publication of quarterly News Letter Green Files covering developments within the campus, environmental news, events, evaluation of laws & rules, audit reports, a province in focus, articles, etc.

> Contribution of papers for other journals/newsletters:
  - Capacity Building in Environment Audit, ASOSAI E Journal, April 2016
  - Greening Supreme Audit Institutions, Greenlines, March 2017
  - Role of SAIs in implementation of Sustainable Development Goals, ASOSAI E Journal, October 2017
  - Role of SAIs in detection of Fraud and Corruption, ASOSAI E Journal, April 2019
  - Capacity building: International Centre for Environmental Audit and Sustainable Development, Commonwealth Auditor Generals E-Newsletter, September 2019
Important contacts
Address: International Centre for Environment Audit and Sustainable Development (iCED),
SP 6-7, Kant Kalwar RIICO Industrial Area, Jaipur-Delhi Highway, Near Achrol,
Jaipur – 303002, Rajasthan, India
Fax: +91-141-2772030/2011
Website: http://iced.cag.gov.in
e-mail address: iced@cag.gov.in
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iCED: Location

Tempreature Trend - Jaipur

Rainfall Trend - Jaipur