

Information Brochure



लोकहितार्थं सत्यमेव जयते
Dedicated to Truth in Public Interest



**International Webinar on “Renewable Energy and its Audit”, 9th
International Training Programme on “Introduction to
Environmental Auditing”, and
International Workshop on “Combating Desertification, Food Security
and Sustainable Agriculture”
At International Centre for Environment Audit and Sustainable
Development (iCED), Jaipur, SAI India**



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SAI INDIA: AN INTRODUCTION

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 knowledge sharing committee and Working Group on IT Audit of International organizations of Supreme Audit Institutions (INTOSAI).

CAG of India also chairs the Compliance Audit Sub-committee of the Professional Standards Committee (PSC) of INTOSAI.



**Mr. Girish Chandra Murmu,
Comptroller and Auditor General of
India**

Webinar, Training and Workshop at iCED, SAI India as a Global Training Facility of INTOSAI WGEA

An International Webinar on “Renewable Energy and Its Audit”, 9th International Training Programme on “Introduction to Environmental Auditing” and International Workshop on “Combating desertification, Food Security and Sustainable Agriculture” for audit personnel from INTOSAI WGEA member countries would be conducted from 06th September and 7th September 2021; 22nd November to 04th December, 2021 and 31st January to 04th February, 2022 respectively at the International Centre for Environment Audit & Sustainable Development (iCED), Jaipur.

Indicative Course contents of 9th International Training Programme on Environmental Auditing

#	Module	Key contents
1.	ENVIRONMENT AUDIT	Environment Governance and group work on environment governance
2.	ENVIRONMENTAL ASSESSMENTS	The Concept of sustainable development and Sustainable Development Goals
		Auditing preparedness to implement SDGs and Auditing implementation of SDGs
		Environmental impact Assessment
		Greening the SAls
3.	CLIMATE CHANGE	Issues related to air and climate change
		Forming audit questions and Audit cooperation in climate change issues
		Renewable Energy, Energy Efficiency and its Audit
4.	BIODIVERSITY	Essence of biodiversity
		Selecting an audit topic in the area of biodiversity
		Designing audits of biodiversity and Audits of biodiversity based on MEA
5	WATER	Global water challenges AND Overview of various methods used in water audits worldwide
		Practical application of audit methods involving complex topics
6	WASTE	Overview of issues related to waste
		Auditing waste Issues
		Designing audits of waste issues that involve MEAs
7	REVIEW	Strategy for developing environmental auditing

Details regarding webinar, training and workshop

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 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 SA, environmental challenges and government response in their country.

3. Application for the training programme/ Workshop:

Applicants for programme on International Webinar on "Renewable Energy and Its Audit", ITP on "Introduction of Environmental Auditing" and International Workshop on "Combating Desertification, Food Security and Sustainable Agriculture" need to send filled-in nomination forms duly endorsed by respective head of departments along with a copy of passport before 21st August 2021, 15th September 2021 and 15th December 2021 respectively to Mr. Pushkar Kumar, Director (T&R), iCED at iced@cag.gov.

4. Registration and methodology for the training programme:

International Webinar on "Renewable Energy and Its Audit" is one-day webinar organized online on two days with different timings. The countries which are ahead in the time zone with reference to India can participate on 06.09.2021[06:30 AM to 09:30 AM (UTC)] and the countries behind the time zone *vis a vis* India can participate on 07.09.2021[11:30 AM to 02:30 PM (UTC)].

The participants are required to report at iCED, Jaipur for global programme on "Introduction to Environmental Auditing" and International Workshop on "Combating desertification, Food Security and Sustainable Agriculture" on 21st November 2021 and 30th January 2022 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 delivered at iCED campus.

5. Training / Participation costs:

The SAs 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 SAs. 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

IFS 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.

About iCED



SAI India has been conducting international training Programmes since 1979. iCED is a designated Global

Vision

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

Industries (WGEI) of International Organizations of Supreme Audit Institutions

Mission

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

institution conducting training programmes on Environment

Values

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

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 environment audits 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.

Training Facility of Working Group on Environmental Audit (WGEA), as well as of the Working Group on Extractive

Institutions

(INTOSAI), since March 2011 and August 2016

respectively. iCED is also a premiere

Audit under Indian Technical and

Economic Cooperation Programme

sponsored by Ministry of External Affairs, Government

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 SAs and other organisations working in this area for knowledge and experience sharing
- Develop a modern, efficient, effective and adaptable institution adopting best management practices

CAMPUS

Academic Block:



Training Hall - "Saraswati"



Training Hall - "Aravali"



iCED Auditorium (175 Persons)



iCED Lounge

Residential Facilities:



58 Participant + 20 Faculty Rooms



Dining Hall



Swimming Pool



Gymnasium

GREEN FEATURES

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.

International Trainings

iCED has conducted eight International Training Programmes (ITPs) on Environmental Auditing for WGEA member SAs since 2013. Two training have also been conducted under ITEC programme of Government of India. One ITP on Audit of Extractive Industries for INTOSAI WGEI has also been conducted at iCED. ITPs have modules have been developed by SAs of different countries and the course developers from different SAs 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 / twinning arrangements with 17 SAs, under which regular Bilateral Training Programmes (BTPs) for specific audits have been held. So far iCED has conducted 8 such international programmes.

Year	Number of Participants	Number of countries
2013	25	13
2014	45	14
2015	90	12
2016	112	28
2017	117	35
2018	29	14
2019	71	26
2020	150	80
2021	141	45

Seminars

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 with participation of 48 delegates from 21 Supreme Audit Institutions and international organizations.

International Workshops

Two Audit Planning Meetings to review the audit plans for the cooperative performance audit on preparedness for implementation of SDGs were held at iCED in December 2017. 27 SAs from ASOSAI, AFROSAI-E, CAROSAI and EUROSAI participated. International Workshops on Audit of Water Issues, Audit of Waste Management and Sustainable Development: The Concept & Audit and were held in February 2018, February 2019 and February 2020 and respectively. International Webinar on Climate change and its implications for Sustainable Development and Biodiversity were held online in September 2020 and March, 2021 respectively.

National Trainings

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 2021, iCED has trained around 3800 personnel from SAI India in audit of environment and related issues.

National Workshops

National Workshop on various themes such as SDGs, Biodiversity and Water Resources were conducted during 2020 through virtual mode.

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

iCED in Research and Publication

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

	INTOSAI WGEA Work Plan	Research Papers/Training Tools
	<u>2014-16</u>	<ul style="list-style-type: none">• <i>Greening the SAls (leader)</i>• <i>Environmental Assessments (co-leader with SAI, Canada)</i>
	<u>2017-19</u>	<ul style="list-style-type: none">• <i>Development of Training Tool on Environmental Data</i>
	<u>2020-2022 (in progress)</u>	<ul style="list-style-type: none">• <i>Work package 2: SDG 12 - responsible consumption and production - focus on plastic waste (leader)</i>• <i>Work package 4: SDG 11 - sustainable cities and communities - focus on transport (member)</i>• <i>Work package 5: Increasing understanding on environmental SDGs (co-leader)</i>• <i>Work package 6: Experience sharing and capacity building (co-leader)</i>

- SAI India also participated in following projects:
 - *Development of training module on Greening SAls*
 - *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) and Indian Institute of Technology (IIT) Kanpur. TERI being an institute of international repute specializes in the fields of energy, environment and sustainable development.
 - An internship scheme and Young Professional scheme has been implemented for students and academicians. Research Interns and Young Professionals have worked / are working in following areas:

- A case study of the 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
 - The Assessment of Plastic Waste in Jaipur City, An Overview of the Role of Municipal Corporation in Plastic Waste Management
 - Preparation of strategy for audit of Urban Planning and for integrated audit of Environment of Management of cities.
 - Research report on 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
- Articles contributed by iCED officers for ASOSAI Journal and other International Newsletters.
- Capacity Building In Environment Audit
 - Greening Supreme Audit Institutions for Greenlines
 - ‘Training for Environment Audit’ for Journal of Government Audit and Accounts
 - ‘Role of SAls in implementation of Sustainable Development Goals’
 - Role of SAls in detection of fraud and corruption
 - Background Paper for Commonwealth Auditor Generals Newsletter: Environment Audit a commonwealth perspective "Fostering Partnerships for Capacity Development in Public Audit"
 - BRICS country paper Policy Auditing Tool to promote Sustainable Development - Experience from SAI India
 - Commonwealth Auditor Generals E-Newsletter Capacity building: International Centre for Environmental Audit and Sustainable Development

Important contacts

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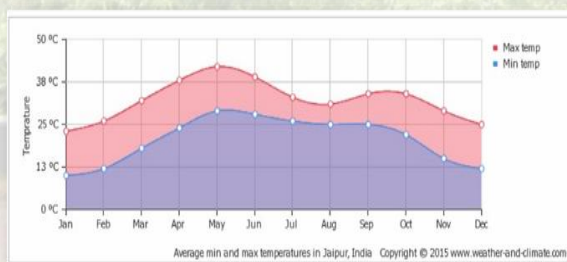
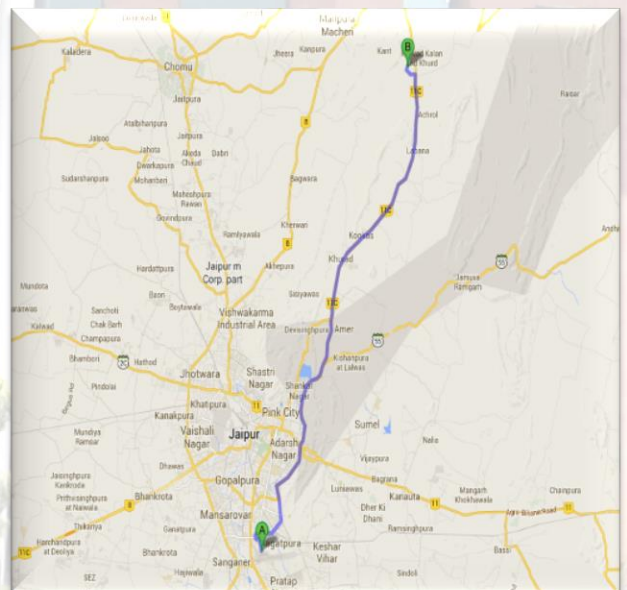
Team iCED

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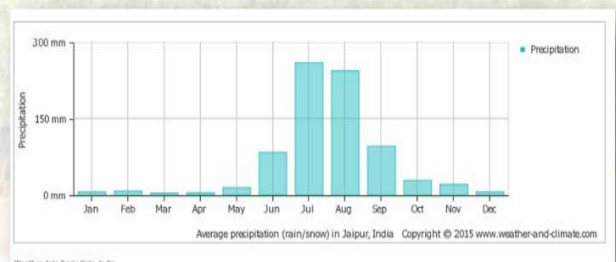
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iCED: Location



Temperature Trend - Jaipur



Rainfall Trend - Jaipur