



International Centre for Information Systems & Audit

**A-52, Sector- 62, Institutional Area, Phase-II, Noida – 201307 (Uttar Pradesh) INDIA**

**लोकहितार्थ सत्यनिष्ठा**

**Dedicated to Truth in Public Interest**

147th International Training Programme

on

**“Auditing in IT Environment”**

(9th September to 4th October, 2019)

**Course Schedule**

**147th  ITP First week: Understanding Audit environment & Audit planning**

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| **Date & Day** | **Session 1**  **10:00– 11:15 Hours** | **Session 2**  **11:45 –13:00Hours** | | **Session 3**  **14:00 – 15:15 Hours** | | **Session 4**  **15:45 –17:00Hours** |
| **09 Sep 2019**  **Monday** | **Briefing &**  **Ice-breaking session** | **Introducing India** | | **Inauguration at SAI India Headquarters** | | |
| **Mr.Vishal Bapusaheb Desai**  **SAI India participant**  Room no. 108 | | Seminar Hall at HQ,  Office of the C&AG of India, New Delhi | | |
| **10 Sep 2019**  **Tuesday** | **Muharram** | | | | | |
| **11 Sep 2019**  **Wednesday** | **Digital Transformation in Developing Countries**  **Case study: India** | **Moving from traditional audit to auditing in IT Environment** | | **Change Management in**  **e-Gov Projects** | **e-Governance : ICT Creating Rural Entrepreneurship through CSC Scheme** | |
| **Mr. Bramhanand Jha,** Sr.Consultant, NeGD | **Mr. K.R. Sriram**  Director General, iCISA | | **Mr. Ashis Sanyal**  Senior Director (Retd), MeitY | | |
| Room no. 213 | | | | | |
| **12 Sep 2019**  **Thursday** | **Risk Analysis of ICT Projects in Government** | | | **Introduction to Framework and its objectives**  **(ISO 20000,27001,38500 and COBIT)** | | |
| **Mr. Sanjiv Arora**  Past President, ISACA New Delhi Chapter | | | **Mr. Sagar Gupta**  Partner, A3S Tech & Co. | | |
| Room no. 213 | | | | | |
| **13 Sep 2019**  **Friday** | **Data Analytics in Public Audit:**  **Principles and approach** | | **Data analytics tool “Knime”: Overview and hands-on sessions** | **Data Analytics tool “Knime” :**  **Hands-on sessions** | | |
| **Mr. Abhay Singh,**  Deputy Director, iCISA | | | | | |
| Room no. 213 | | | | | |
| **14 Sep 2019**  **Saturday** | **Visit to AGRA** | | | | | |
| **15 Sep 2019**  **Sunday** | **Social Programme/Activity** | | | | | |

**147th  ITP Second week: Audit Execution using CAATs, Data Analytics**

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| **Date & Day** | **Session 1**  **10:00 – 11:15 Hours** | **Session 2**  **11:45 – 13:00 Hours** | | **Session 3**  **14:00 – 15:15 Hours** | **Session 4**  **15:45 – 17:00 Hours** |
| **16 Sep 2019**  **Monday** | **Introduction to IDEA:**  **Importing Excel, MS Access,**  **Text files,**  **Using multiple databases:**  **Join, Visual Connect, File compare** | **Obtaining an overview of the data from Field Statistics, Grouping, History etc.** | | **Functions in IDEA and Extracting data relevant to audit,**  **Audit Sampling using IDEA** | **Gathering evidence for errors in application controls,**  **Duplicates -detection,**  **exclusion etc.** |
| **Shri K P Singh, Sr.AO (Retd)** | | | | |
| Room no. 111 | | | | |
| **17 Sep 2019**  **Tuesday** | **Planning IS Audits: Audit Design Matrix** | | | **Country papers presentation on “Auditing in IT Environment” of respective SAIs** | |
| **Mr. Dattaprasad Shirsat**  Director, iCISA | | |
| Room no. 213 | | | | |
| **18 Sep 2019** Wednesday | **Audit of Development and Acquisition of a system** | | | **Bird’s eye view of WGITA – IDI hand book on**  **Assessment of IT Controls (Application and General)** | |
| **Ms. Swati Sharma**  Senior Manager, British Telecom | | | **Mr. K.R. Sriram**  Director General, iCISA | |
| Room no. 213 | | | | |
| **19 Sep 2019** Thursday | **Introduction to cloud technology, Issues in cloud security** | | **Issues in cloud security** | **Introduction to Digital Forensics: Digital Evidence Control;**  **Recovering files & Analysis and Reporting** | |
| **Mr. Iqbal Singh**  Director (Cloud Deployment), Nokia | | | **Mr. A S A Krishnan**  Senior Consultant, STQC | |
| Room no. 213 | | | | |
| **20 Sep 2019** Friday | **Theme Country Day** | | | **Country papers presentation on**  **“Auditing in IT Environment” of respective SAIs** | |
| Auditorium | | |  | |
| Room no. 213 | | | | |
| **21 Sep 2019** Saturday | **Delhi visit** | | | | |
| **22 Sep 2019** Sunday | **Social Programme/Activity** | | | | |

**147th ITP Third week: Study Tour**

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| **Date & Day** | **Session 1**  **10:00 – 11:15 Hours** | **Session 2**  **11:45 – 13:00 Hours** | **Session 3**  **14:00 – 15:15 Hours** | | **Session 4**  **15:45 – 17:00 Hours** |
| **23 Sep 2019**  **Monday** | **Integrity Issues in e-Procurement & Global best practices** | | **Hands-on sessions on Audit of e-Procurement** | | |
| **Mr. Jitendra Kohli, Managing Director**  M/s Electronic tender.com (India) Pvt. Ltd. | | | | |
| Room no. 111 | | | | |
| **24 Sep 2019** Tuesday | **IT Security – Network and Vulnerabilities** | | **Country papers presentation on**  **“Auditing in IT Environment” of respective SAIs** | **OIOS: SAI India’s IT Initiative** | |
| **Colonel Inderjeet Singh**  Chief Cyber Security Officer, Vara Technology | |  | **Ms. R. Monica**  **Dy. Director (IS)**  **O/o the C&AG of India, New Delhi** | |
| Room no. 213 | | | | |
| **25 Sep 2019** Wednesday | **Transit for Study tour at Pune** | | | | |
| **26 Sep 2019** Thursday | **Study Tour** | | | | |
| **27 Sep 2019** Friday | **Study Tour** | | | | |
| **28 Sep 2019** Saturday | **Transit to iCISA** | | | | |
| **29 Sep 2019** Sunday | Social Programme/Activity at iCISA | | | | |

**147th ITP Fourth week: Emerging areas in IT Environment and its Audit**

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| **Date & Day** | **Session 1**  **10:00 – 11:15 Hours** | | | **Session 2**  **11:45 – 13:00 Hours** | **Session 3**  **14:00 – 15:15 Hours** | **Session 4**  **15:45 – 17:00 Hours** |
| **30 Sep 2019**  **Monday** | **Introduction to ERP Overview and benefits of ERP Database concept** | | | **Introduction to SAP, organisation structure Various modules in SAP Navigation and familiarisation to menus and SAP screens** | **Auditing in SAP environment** | |
| **Gail Training Institute – Ms.Shanthi M. Sr.AO** | | | | | |
| **01 Oct 2019** Tuesday | **Data Privacy :**  **Concepts, Issues and implications** | | **Assessment of Data Privacy in e-Governance** | | **Introduction to Block Chain Technology:**  **Concepts, Use of Block chain in government,**  **Auditing in Block chain environment- Possible challenges** | |
| **Mr. Rahul Sharma**, Ex DSCI | | | | **Dr. Mani Madhukar**  Program Manager – University Relation, IBM Pvt.Ltd. | |
| **Room No.213** | | | | | |
| **02 Oct 2019** Wednesday | **Gandhi Jayanti** | | | | | |
| **03 Oct 2019**  **Thursday** | **Internet of Things: Meaning and concepts;**  **Understanding IT and OT convergence;**  **Various layers of IoT Infrastructure Standards and**  **Best Practices** | | | | **Country papers presentation on “Auditing in IT Environment” of respective SAIs** | |
| **Colonel Inderjeet Singh**  Chief Cyber Security Officer, Vara Technology | | | | **Presentation by the participants** | |
| **Room No.213** | | | | | |
| **04 Oct 2019** Friday | **Introduction:**  **OWASP Top 10 Vulnerabilities** | **Web Application security** | | | **Valediction** | |
| **Mr. Vaibhav Jha**  Cyber Security Rasearcher | | | |
| Room no. 213 | | | | **Auditorium** | |