



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**  |