



International Centre for Information Systems & Audit

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

 **लोकहितार्थ सत्यनिष्ठा**

**Dedicated to Truth and Public Interest**

 143rd International Training Programme

on

**“Auditing in IT Environment”**

(17th September to 12th October, 2018)

**Course Schedule**

**143rd  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** |
| **17 Sep. 2018****Monday** | **Briefing &****Ice-breaking session** | **Introducing India**  | **Inauguration at SAI India Headquarters** |
| **(Presentation by****SAI India participant)**Room no. 108 | Seminar Hall at HQ,Office of the C&AG of India, New Delhi |
| **18 Sep. 2018****Tuesday** | **Digital Transformation in Developing Countries****Case study: India** | **Introduction to COBIT: COBIT Risk Assessment Matrix** |
| **Mr. Bramhanand Jha, Sr. Consultant, National e-Gov Division**Ministry of Electronics & Information Technology | **Mr. Ashish Mahajan** Associate General Manager (Global IT Risk & Compliance Division)HCL Technologies |
| Room no. 213 |
| **19 Sep. 2018****Wednesday** | **Planning IS Audits: Audit Design Matrix** | **Bird’s eye view of WGITA – IDI hand book on** **Verification of IT Controls** |
| **Mr. Mukesh Sharma**Administrative Officer (R&I), iCISA | **Ms. Ritika Bhatia**Principal Director (Commercial-I), O/o the C&AG of India |
| Room no. 213 |
| **20 Sep. 2018****Thursday** | **Risk Analysis of ICT Projects in Government** | **Change Management in** **e-Gov Projects** | **e-Governance : ICT Creating Rural Entrepreneurship through CSC Scheme** |
| **Dr. Charru Malhotra** Associate Professor (e-Gov. and ICT), Indian Institute of Public Administration | **Mr. Ashis Sanyal**Senior Director (Retd.)Ministry of Electronics & Information Technology |
| Room no. 213 |
| **21 Sep. 2018****Friday** | **Social Programme/Activity (Muharram GH)**  |
| **22 Sep. 2018****Saturday** | **Visit to AGRA** |
| **23 Sep. 2018****Sunday** | **Social Programme/Activity**  |

**143rd ITP Second week: Audit Execution using CAATs, Data Analytics and Reporting**

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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** |
| **24 Sep. 2018****Monday** | **Introduction to IDEA:****Importing Excel, MS Access,** **Text files** | **Obtaining an overview of the data from Field Statistics, Grouping, History etc.** | **Functions in IDEA and Extracting data relevant to audit** | **Gathering evidence for errors in application controls, Duplicates -detection, exclusion etc.** |
| **Ms. Maragathavalli M.,** Senior Audit Officer, Regional Training Centre, Bangalore |
| Room no. 111 |
| **25 Sep. 2018****Tuesday** | **Using multiple databases:****Join, Visual Connect, File compare** | **Audit Sampling using IDEA** | **Hands on sessions :****Audit of e-Governance Projects using IDEA** |
| **Ms. Maragathavalli M.,** Senior Audit Officer, Regional Training Centre, Bangalore |
| Room no. 111 |
| **26 Sep. 2018**Wednesday | **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. Saurabh Singh,** Deputy Accountant General, O/o the PAG(Audit), Delhi |
| Room no. 111 |
| **27 Sep. 2018**Thursday | **Country papers presentation on “Auditing in IT Environment” of respective SAIs** | **Data analytics in widening and deepening the income tax net** |
| **Presentation by the participants** | **Mr. Abhishek Kumar**Joint Commissioner of Income Tax, Special Range 6, Delhi |
| Room no. 213 |
| **28 Sep. 2018**Friday | **Introduction to cloud technology, Issues in cloud security** | **Issues in cloud security** | **Country papers presentation on “Auditing in IT Environment” of respective SAIs** |
| **Mr. Himanshu Nautiyal,**Security Strategy & Risk Advisory Leader, Global Integrated Delivery, IBM Security | **Presentation by the participants** |
| Room no. 213 |
| **29 Sep. 2018**Saturday | **Delhi visit** |
| **30 Sep. 2018**Sunday | **Social Programme/Activity** |

 **143rd ITP Third week: Study Tour (Audit case studies)**

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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** |
| **01 Oct. 2018****Monday** | **IT Security – Network and Vulnerabilities** | **Country papers presentation on****“Auditing in IT Environment” of respective SAIs** |
| **Mr. Ashish Mahajan** Associate General Manager (Global IT Risk & Compliance Division)HCL Technologies |
| Room no. 213 | Room no. 213 |
| **02 Oct. 2018**Tuesday | **Social Programme/Activity at iCISA** |
| **03 Oct. 2018**Wednesday | **Transit for Study tour** | **Study tour to Bengaluru** |
| **04 Oct. 2018**Thursday | **Study tour to Bengaluru** |
| **05 Oct. 2018**Friday | **Study tour to Bengaluru** |
| **06 Oct. 2018**Saturday | **Study tour to Bengaluru** | **Transit to iCISA** |
| **07 Oct. 2018**Sunday | Social Programme/Activity at iCISA |

**143rd  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** |
| **08 Oct. 2018****Monday** | **Theme Country Day** | **Introduction:** **OWASP Top 10 Vulnerabilities** | **Web Application security** |
| **Mr. Apurv Kansal**Cyber security expert |
| Auditorium | Room no. 213 |
| **09 Oct. 2018**Tuesday | **Internet of Things: Meaning and concepts; Understanding IT and OT convergence; Various layers of IoT Infrastructure Standards and Best Practices** | **Introduction to Block Chain Technology:** **Concepts, Use of Block chain in government,** **Auditing in Block chain environment- Possible challenges** |
| **Mr. Mayank Lau**Principal Consultant, Data Security Council of India |
| Room no. 213 |
| **10 Oct. 2018**Wednesday | **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 (I) Pvt. Ltd. |
| Room no. 111 |
| **11 Oct. 2018****Thursday** | **Data Privacy :** **Concepts, Issues and implications** | **Assessment of Data Privacy in e-Governance** | **Introduction to Digital Forensics: Digital Evidence Control;****Recovering files & Analysis and Reporting** |
| **Mr. Anand Krishnan**Senior Analyst – Policy, Data Security Council of India | **Mr. Venkatesh Murthy K.**Deputy Director, Data Security Council of India |
| Room no. 213 |
| **12 Oct. 2018**Friday | **09:00 – 11:00 Hours** | **11:30 – 12:30 Hours**  |  |
| **Follow up and Impact of Audit** | **Valediction** |
| **Mr. Manish Kumar**Director General of Audit (Scientific Departments), New Delhi |
| Room no. 213 | **Auditorium** |