



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** | |