



International Centre for Information Systems & Audit

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

 **लोकहितार्थ सत्यनिष्ठा**

**Dedicated to Truth in Public Interest**

145A Bilateral Training Programme

ON

“**Audit of IT Systems**

**in Government Entities**”

(For Officers of SAI Afghanistan)

03 - 15 December 2018

**Course Schedule**

**145A BTP for SAI Afghanistan First week: IT Governance, Planning of Audit of IT Systems & Execution using CAAT-IDEA**

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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** |
| **03 Dec.2018****Monday** | **SAI India - Mandate, Structure, Organization and Role in IT Audit,****Planning for IT Audit – Assessing criticality / Individual Plans** | **Understanding IT Controls**  |
| Mr. Deepak Raghu, Sr. DAGOffice of the Pr.AG(A&E),Andhra Pradesh | Mr. Ashish Mahajan, AGM (Global IT Risk & Compliance)HCL Technologies  |
| **04 Dec. 2018****Tuesday** | **e-Governance Project Life cycle :Passport Seva Project** | **Risk analysis of ICT Projects in GovernmentEntities** |
| Mr.Abhay SinghDeputy Director (iCISA) | Mr. Sagar GuptaPartner, A3S Tech & Co. |
| **05 Dec. 2018****Wednesday** | **Introduction to IDEA:****ImportingExcel, MS Access,** **Text files etc.** | **Obtaining an overview of the data from Field Statistics, Grouping, History etc.** | **Functions in IDEAand** **Extracting data relevant to audit** |
| Mr. Rohit Anand,Audit OfficerRegional Training Centre, New Delhi |
| **06 Dec. 2018****Thursday** | **Gathering evidence for Errors in application controls,****Duplicates-detection, exclusion etc.** | **Audit Sampling using IDEA** |
| Mr. Rohit Anand,Audit OfficerRegional Training Centre, New Delhi |
| **07 Dec. 2018****Friday** | **Using multiple databases:****Join, Visual Connect, File compare** | **Hands on sessions : Case study****Group Project** |
| Mr. K.P. Singh, Sr. Administrative Officer,Research & Innovation and IT Audit wing, iCISA |
| **08 Dec. 2018****Saturday** | **Data Analytics tool “Tableau”: AnOverview** | **Data Analytics using “Tableau”:**  **Hands on sessionsExercises/Case study** |
| Mr. Chandersheel, AAO (CDMA), O/o the C&AG of India, New DelhiMr. Basil Ahamed, Consultant (CDMA), O/o the C&AG of India, New Delhi |
| **09 Dec. 2018****Sunday** | **Social programme/Activity** |

**All the sessions on 3rd & 4th December, 2018 at Room no. 101(First floor)**

**All the sessions on 5th to 8th December, 2018 at Room no. 214(First floor)**

**145A BTP for SAI Afghanistan Second week: Data Analysis & Analytics, e-Procurement and Group Project**

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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** |
| **10 Dec. 2018****Monday** | **Introduction to Database Management system** | **Analyzing data using SQL** | **Analyzing data using SQL** |
| Mr. J.J.S. Anand, Sr. Audit Officer, Office of the Pr. AG(G&SSA),Karnataka  |
| Room no. 111 |
| **11 Dec. 2018****Tuesday** | **1.Process of Auditing Information Systems,** **2.Governance and Management of IT,****3.Information Systems Acquisition, Development and Implementation** |
| Mr. Sanjiv Arora, President, ISACA New Delhi Chapter |
| Room no. 101 |
| **12 Dec. 2018**Wednesday | **Vulnerability Assessment of Systems, Applications and Networks** | **Risk Assessment for IT Audit of Systems** |
| Mr. Ashish Mahajan, AGM (Global IT Risk & Compliance), HCL Technologies |
| Room no. 101 |
| **13 Dec. 2018**Thursday | **Overview of Security threats and vulnerabilities:****OWASP Top 10** | **Penetration testing and practical tools** | **Cyber Security and Data Protection Ecosystem** |
| Mr. Apurv Kansal, Cyber Security Expert | Mr. Rahul Sharma, Cyber Security Advisor |
| Room no. 111 | Room no. 101 |
| **14 Dec. 2018**Friday | **Audit of e-Procurement:****Integrity Issues in e-Procurement & Global best practices** | **Hands-on sessions** |
| Mr. Jitendra Kohli, Managing Director, M/s ElectronicTender.com(India) Pvt. Ltd. |
| Room no.101 | Room no. 111 |
| **15 Dec. 2018**Saturday | **Information Systems Operation, Maintenance and Service Agreement** | **Protection of Information Assets** | **Valediction** |
| Mr. Sanjiv Arora, President, ISACA New Delhi Chapter |
| Room no.101 |  |