



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. DAG  Office 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 Singh  Deputy Director (iCISA) | | | Mr. Sagar Gupta  Partner, 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 Officer  Regional 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 Officer  Regional 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 Delhi  Mr. 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 | | |  | |