|  |  |
| --- | --- |
|  |  |

**International Centre for Information Systems & Audit**

**131 International Training Programme**

**on**

**“Auditing in IT Environment”**

**(12 September to 7 October 2016)**

**Course Schedule**

**First Week: IT Audit- Controls and planning**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date & Days | **Session I**  **1000 – 1115 Hrs.** | **Session II**  **1145 – 1300 Hrs.** | **Session III**  **1400 – 1515 Hrs.** | **Session IV**  **1545 – 1700 Hrs.** | |
| **12 Sept 2016**  **Monday** | **Briefing & Ice breaking session** | **Introducing India** | **Inauguration at CAG office** | | |
| Roy Mathrani  Addl. Deputy C&AG | Sanjay Kumar  Director |
| **13 Sept 2016**  **Tuesday** | **Introduction to SAI India and overview of IT Audit** | **WGITA – IT Audit Standards** | **Discussion of project** | **Heritage walk** | |
| Kartikaye Mathur, Director  and Ms. Sowmini  Senior Audit Officer | Ashutosh Sharma  Principal Director |
| **14 Sept 2016**  **Wednesday** | **Planning for IT Audits** | | **Procurement of IT services & outsourcing policy** | | |
| Amar Patnaik,  Principal Accountant General | | Tarun Srivastava  Deloitte India | | |
| **15 Sept 2016**  **Thursday** | **Data visualization in planning IT audits** | | **Assessing IT controls** | | |
| Golok Kumar Simli  Principal Consultant (Tech), Ministry of External Affairs | | Avinash Kadam  Trainer and Consultant for Cybersecurity and IT Governance | | |
| **16 Sept 2016**  **Friday** | **COBIT 5.1** | | **Introduction to IDEA** | | **Legislative framework for Information Technology applications** |
| Avinash Kadam  Trainer and Consultant for Cybersecurity and IT Governance | | Ms. Sowmini, Senior Audit Officer | | Pavan Duggal  Senior Advocate,  Supreme Court of India |
| **17 Sept 2016**  **Saturday** | **IDEA as CAATS** | | **Social Activity** | | |
| Ms. Sowmini, Senior Audit Officer | |
| **18 Sept 2016**  **Sunday** | **Visit to the Taj Mahal** | | | | |

**Second Week: Data analysis and IT security**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date & Days | **Session 1**  **1000 – 1115 Hrs** | **Session 2**  **1145 – 1300 Hrs** | **Session 3**  **1400 – 1515 Hrs** | **Session 4**  **1545 – 1700 Hrs** |
| **19 Sept 2016**  **Monday** | **IDEA as CAATS** | **Theme Country Day - Ecuador** | **IDEA as CAATS** | |
| Ms. Sowmini, Senior Audit Officer | Ms. Sowmini, Senior Audit Officer | |
| **20 Sept 2016**  **Tuesday** | **Vulnerability assessment tools & penetration testing:**  **Hands on sessions** | | | |
| At Price Waterhouse Coopers IT facility in Gurgaon | | | |
| **21 Sept 2016**  **Wednesday** | **SQL as CAATs** | | | |
| Ms. Sowmini, Senior Audit Officer | | | |
| **22 Sept 2016**  **Thursday** | **Database controls** | | **Departure to Dehradun** | |
| Ms. Sowmini, Senior Audit Officer | |
| **23 Sept 2016**  **Friday** | **Visit to ONGC- Hands on session on Auditing in SAP Environment** | | **Visit to Rishikesh** | |
| **24 Sept 2016**  **Saturday** | **Session on ‘Strengthening of National Wildlife Database’ at WII Dehradun ( 0900 hrs to 1000 hrs)** | | **Visit to Mussoorie** | |
| **25 Sept 2016**  **Sunday** | **Delhi visit** | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Third Week: Study Tour** | | | | | |
| Date & Days | **Session 1**  **1000 – 1115 Hrs.** | **Session 2**  **1145 – 1300 Hrs.** | **Session 3**  **1400 – 1515 Hrs.** | **Session 4**  **1545 – 1700 Hrs** | |
| **26 Sept 2016**  **Monday** | **e-procurement: Integrity issues with hands on sessions** | | | | |
| Shri Jitendra Kohli, Managing Director, ElectronicTender.com (India) Pvt. Ltd. | | | | |
| **Study tour to Bengaluru & Mysuru** | | | | | |
| **27 Sept 2016**  **Tuesday** | **Departure for Bengaluru** | | **E Governance Division**  **Government of Karnataka** | | |
| **28 Sept 2016**  **Wednesday** | **Central Processing Centre: Income tax department**  **Bengaluru** | | **Departure to Mysuru** | | |
| **29 Sept 2016**  **Thursday** | **Infosys**  **Mysuru** | | **Visit to Mysore palace** | | |
| **30 Sept 2016**  **Friday** | **IBM: Cloud computing security issues** | | **Return to Noida** | | |
| **1 Oct 2016**  **Saturday** | **Social Programme** | | | | |
| **2 Oct 2016**  **Sunday** | **Gandhi Jayanti** | | | | **Use of data analytics -Fraud detection Hands-on sessions** |
| Ms. Parul Naib  Associate Director- Analytics, United Health Group & Ms. Sowmini, Senior Audit Officer |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Fourth Week: Audit case studies** | | | | | | |
| Date & Days | **Session 1**  **1000 – 1115 Hrs.** | | | **Session 2**  **1145 – 1300 Hrs.** | **Session 3**  **1400 – 1515 Hrs.** | **Session 4**  **1545 – 1700 Hrs** |
| **3 Oct 2016**  **Monday** | **Project Presentation and Review**  **(0845 -1000 Hrs.)** | **Use of data analytics -Fraud detection Hands-on sessions** | | | | |
| Faisal Imam, Accountant General & Ms. Sowmini, Senior Audit Officer | Ms. Parul Naib, Associate Director- Analytics, United Health Group &  & Ms. Sowmini, Senior Audit Officer | | | | |
| **4 Oct 2016**  **Tuesday** | **Case Study on PAHAL-Direct Benefits Transfer for LPG(DBTL)** | | | | **Country Paper Presentations** | |
| Ravi Kiran Ubale, Dy. Director  Sony Joseph, Asst. Audit Officer | | | |
| **5 Oct 2016**  **Wednesday** | **Mobile governance** | | **Country Paper Presentations** | | **IT Audit Experience from the field: case study on Air India** | |
| Ms. Kavita Bhatia, Director  Department of Electronics & Information Technology | | Ms. Shanthi M  Senior Audit Officer | |
| **6 Oct 2016**  **Thursday** | **Impact Assessment framework for E- Gov projects- a case study** | | | | **Use of TABLEAU: case study** | |
| Dr. Piyush Gupta,  Associate Vice President, National Institute for Smart Government | | | | K V Patel  Dy. Accountant General | |
| **7 Oct 2016**  **Friday** | **Use of TABLEAU: case study** | | | | **Valediction** | |
| K V Patel  Dy. Accountant General | | | |