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**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**

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| 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 MathraniAddl. Deputy C&AG | Sanjay KumarDirector  |
| **13 Sept 2016****Tuesday** | **Introduction to SAI India and overview of IT Audit**  | **WGITA – IT Audit Standards** | **Discussion of project**  | **Heritage walk** |
| Kartikaye Mathur, Directorand Ms. Sowmini Senior Audit Officer | Ashutosh SharmaPrincipal Director  |
| **14 Sept 2016****Wednesday**  | **Planning for IT Audits** | **Procurement of IT services & outsourcing policy** |
| Amar Patnaik, Principal Accountant General  | Tarun SrivastavaDeloitte India |
| **15 Sept 2016****Thursday** | **Data visualization in planning IT audits** | **Assessing IT controls** |
| Golok Kumar SimliPrincipal Consultant (Tech), Ministry of External Affairs | Avinash KadamTrainer and Consultant for Cybersecurity and IT Governance |
| **16 Sept 2016****Friday** | **COBIT 5.1** | **Introduction to IDEA** | **Legislative framework for Information Technology applications** |
| Avinash KadamTrainer and Consultant for Cybersecurity and IT Governance | Ms. Sowmini, Senior Audit Officer | Pavan DuggalSenior 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**

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| 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**  |

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| **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 |

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| **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. DirectorSony 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, DirectorDepartment of Electronics & Information Technology | Ms. Shanthi MSenior 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 PatelDy. Accountant General  |