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**International Centre for Information Systems & Audit**

**126 International Training Programme**

**on**

 **“Auditing in IT Environment”**

**(28 September to 23 October, 2015)**

**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.** |
| **28 Sept 2015****Monday** | **Briefing & Ice breaking session** | **Introducing India** | **Inauguration** |
| Shri. Roy Mathrani, DG, iCISA | Shri. Faisal Imam, Director | At C&AG Office |
| **29 Sept 2015****Tuesday** | **Introduction to SAI India and overview of IT Audit** | **Assessing IT controls** |
| Shri Faisal ImamDirector | Shri Kartikaye MathurDirector |
| **30 Sept 2015****Wednesday** | **Audit of System under Development** | **Planning for IT Audit- Assessing criticality/ Individual plans** | **Project Work Group Allocation and Briefing (1630 to 1800 hrs)** |
| Shri Praveer KumarPrincipal Director | Ms. Shefali Andaleeb,Principal Director | Shri. Faisal Imam, Director |
| **1 Oct 2015****Thursday** | **Cyber Security Issues– Global Perspective** | **Managing IT Projects – Accountability Perspective** |
| Dr. Gulshan Rai, Advisor to the Prime Minister of India on National Cyber Security | Dr. Ajay Kumar, Addl. Secretary, Ministry of Communication & Information Technology |
| **2\* Oct 2015****Friday** | **Visit to Gandhi Ashram** |
| **3 Oct 2015****Saturday** | **IDEA – An overview** | **Social Activity** |
| Shri K P Singh, Sr. Audit Officer &Shri Anurag Krishna, Asst. Audit Officer |
| **4 Oct 2015****Sunday** | **Visit to the Taj Mahal** |

**\* Gandhi Jayanti**

**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** |
| **5 Oct 2015****Monday** | **SQL as CAATs** | **Cloud computing** | **Data Analytics: Use of Tableau for Exploratory Data Analysis** |
| Ms. M Maragathavalli, Sr. Audit Officer | Shri Amit DhawanCEO, eAvingha Technology Consulting Services | Shri. Saurabh Shukla,Director |
| **6 Oct 2015****Tuesday** | **Use of Data Analytics in Fraud detection** | **Hacking: Live demo** |
| Ms. Parul NaibSenior Manager, United Health Group | Shri Amit DhawanCEO, eAvingha Technology Consulting Services |
| **7 Oct 2015****Wednesday** | **Vulnerability assessment tools& penetration testing** | **Vulnerability assessment tools & penetration testing:****Hands on sessions** |
| Shri Apurv KansalHead - Information Security Service and Training, [Arete Software Pvt. Ltd.](https://www.linkedin.com/company/arete-software-pvt.-ltd.?trk=ppro_cprof) |
| **8 Oct 2015****Thursday** | **IT interventions: Freight Railway** **Information System in Indian Railways**  | **UIDAI Security and Privacy Issues** | Departure to Dehradun |
| Shri K. B. George G.M/FOIS & CVO | Ms. Amutha Arunachalam, Asst. DG, UIDAI |
| **Study tour 1: Dehradun** |
| **9 Oct 2015****Friday** | **Session on ‘Strengthening of National Wildlife Database’ at WII Dehradun (1100 to 1300 hrs)** | **Project Management - VLC** |
| **10 Oct 2015****Saturday** | **Visit to ONGC- Hands on session on Auditing in SAP Environment**  |
| **11 Oct 2015****Sunday** | **Visit to Mussorie** | **Return to iCISA** |

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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** |
| **12 Oct 2015****Monday** | **Theme country Day – Saudi Arabia** | **COBIT – 5** |
| Shri. Anindya Dasgupta, Sr. Dy. Accountant General |
| **Study tour to Bangalore & Mysore**  |
| **13 Oct 2015****Tuesday** |  |
| **14Oct 2015****Wednesday** |  |
| **15 Oct 2015****Thursday** |  |
| **16Oct 2015****Friday** |  |
| **17Oct 2015****Saturday** | **Return to Delhi** |
| **18Oct 2015****Sunday** | **Delhi Visit** |

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| **Fourth Week: Emerging areas and 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** |
| **19 Oct 2015****Monday** | **Group Presentations – I & II**  | **Project Presentation** | **Cyber Laws and Digital Evidence** |
| Audit Plan Presentation by Project Groups | Shri. Pavan Duggal, Senior Advocate, Supreme Court of India |
| **20 Oct 2015****Tuesday** | **e-procurement: Integrity issues with hands on sessions** |
| Shri Jitendra Kohli, Managing Director, ElectronicTender.com (India) Pvt. Ltd. |
| **21 Oct 2015****Wednesday** | **Data Analytics: Use of Qlikview for Exploratory Data Analysis** | **Group Presentation III, IV & V** |
| Ms. R. Narmadha, DAG |
| **22 Oct 2015****Thursday** | **Holiday (Vijay Dasami)** |
| **23 Oct 2015****Friday** | **e-registration: G2C audit case study** | **Valediction**  |
| Shri D JaisankarSr. Dy. Accountant General |