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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 Imam  Director | | | Shri Kartikaye Mathur  Director | |
| **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 Kumar  Principal 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 Dhawan  CEO, eAvingha Technology Consulting Services | Shri. Saurabh Shukla,  Director | | |
| **6 Oct 2015**  **Tuesday** | **Use of Data Analytics in Fraud detection** | | **Hacking: Live demo** | | | |
| Ms. Parul Naib  Senior Manager, United Health Group | | Shri Amit Dhawan  CEO, eAvingha Technology Consulting Services | | | |
| **7 Oct 2015**  **Wednesday** | **Vulnerability assessment tools& penetration testing** | | **Vulnerability assessment tools & penetration testing:**  **Hands on sessions** | | | |
| Shri Apurv Kansal  Head - 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 Jaisankar  Sr. Dy. Accountant General | | |