 

**International Centre for Information Systems & Audit**

**124 C BILATERAL TRAINING PROGRAMME**

**on**

**“IT AUDIT”**

**(20th July to 07th August 2015)**

**For SAI Bangladesh**

 **Course Schedule** 

**First Week**

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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.** |
| 1. **IT governance & Audit** | | | | | | |
| **20.07.2015**  **Monday** | **SAI India - Mandate, Structure, Organization and Role in IT Audit** | **Planning for IT Audit – Assessing criticality / Individual Plan** | | **Understanding IT Controls** | **Introducing COBIT 5** | |
| Ms Suhasini Gotmare, Director | Shri Faisal Imam, Director | | Shri Anindya Dasgupta, Sr. Deputy Accountant General | | |
| **21.07.2015**  **Tuesday** | **Project briefing group work** | | | **Digital India** | | |
| Shri Faisal Imam, Director | | | Shri Bramhanand Jha, Consultant, National e-Governance Division | | |
| 1. **Data Analysis Tools** | | | | | | |
| **22.07.2015**  **Wednesday** | **Introduction to CAATs** | | **SQL as CAATs** | **Excel as an Audit tool – pivot table** | | |
| Ms M Maragathavalli, Sr. Audit Officer | | | Shri Faisal Imam, Director & Shri S. Sen, Audit Officer | | |
| **23.07.2015**  **Thursday** | **Use of CAATs: IDEA 9.1** | | | **IDEA – hands on session** | | |
| Shri K P Singh, Sr. Audit Officer &  Shri Anurag Krishna, Asst. Audit Officer | | | Shri K P Singh, Sr. Audit Officer &  Shri Anurag Krishna, Asst. Audit Officer | | |
| **Study tour 1: Dehradun and Mussorie** | | | | | | |
| **24.07.2015**  **Friday** | **Departure to Dehradun** | | | **Project Management - VLC** | | |
|  | | | Shri Purushottam Dass, Dy. Accountant General | | |
| **25.07.2015**  **Saturday** | **Visit to ONGC- Session on Data Analysis Navigation in SAP** | | | | | |
| **26.07.2015**  **Sunday** | **Visit to Mussorie** | | | **Return to Delhi** | | |

**Second Week**

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| 1. **Assessment of Hardware, network & security** | | | | | |
| **27.07.2015**  **Monday** | **Secure systems & protocols** | | **Vulnerability of networks: Threats & counter measures** | **IDEA (continued)** | |
| Ms Sana Khan & Ms Seema Goel,  CERTIN | | | Shri K P Singh, Sr. Audit Officer &  Shri Anurag Krishna, Asst. Audit Officer | |
| **28.07.2015**  **Tuesday** | **Technology roadmap update on desktops, laptops & servers** | **Public Key Infrastructure & Risk areas** | | **Security and Privacy for Aadhaar** | |
| Shri Praveen Dwivedi & Shri Narinder Sharma, INTEL (1000 to 1130 hrs) | Shri Sushil Kumar Nehra, STQC | | Ms Amutha Arunachalam, Asst. DG, UIDAI | |
| 1. **E-governance & Audit** | | | | | |
| **29.07.2015**  **Wednesday** | **e-procurement systems & risk areas** | **Audit case study – e-procurement systems** | | **Civil society action e- service delivery** | **Visit to CPC, Ghaziabad** |
| Shri Jitendra Kohli | Shri Anindya Dasgupta,  Sr. Deputy Accountant General | | Dr. Amir Ullah Khan, Digital Empowerment Foundation | CPC, Ghaziabad |
| **30.07.2015**  **Thursday** | **Impact assessment framework for e-gov projects** | | | **Visit to GAIL SAP Centre** | |
| Dr. Piyush Gupta | | | GAIL | |
| **31.07.2015**  **Friday** | **Group discussion on Project work** | | | **Audit case study – VAT Information System** | |
| Shri. Faisal Imam, Director | | | Dr. P Sarin,  Dy. Accountant General | |
|  | **Study tour 2: Agra, Jaipur and Ajmer** | | | | |
| **01.08.2015**  **Saturday** | **Departure to Agra** | | | **Departure to Jaipur** | |
| **02.08.2015**  **Sunday** | **Jaipur Local site seeing** | | | | |

**Third Week**

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| **iCED, Jaipur** | **03.08.2015**  **Monday** | **Stakeholders involvement in e-Governance projects** | **E-governance initiatives in Rajasthan** | **Auditing of IT Projects** | |
| Ms Sonia Chaturvedi, ACP (DY. DIR.) &  Ms Deepshikha Saxena, SA (JT. DIR.)  Information Technology & Communication (DoIT&C), Rajasthan | | Shri Sunil Dadhe, Director General | |
| **04.08.2015**  **Tuesday** | | **Departure to Ajmer** | | **Return to Delhi** | |
| 1. **Emerging Areas** | | | |  | |
| **05.08.2015**  **Wednesday** | | **Data Analytics: Use of Tableau for Exploratory Data Analysis** | | **Hacking – live demo** | |
| Shri K S G Narayan, Professor, NIFM | | Shri Amit Dhawan | |
| **06.08.2015**  **Thursday** | | **Cloud infrastructure, Services & Security issues** | | **IDEA (contd.)** | **Cyber Laws and Digital Evidence** |
| Shri Amit Dhawan | | Shri S. Sen, Audit Officer  Shri Anurag Krishna,  Asst. Audit Officer | Adv Pavan Duggal |
| **07.08.2015**  **Friday** | | **Data Analytics: Use of Qlikview for Exploratory Data Analysis** | | **Valediction** | |
| Shri Hari Prakash, Dy. Accountant General | |