 

 **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**
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| **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**
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| **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**
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| **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**
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| **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 OfficerShri 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 |