International Centre for Information Systems and Audit (iCISA)

A-52, Sector - 62, Institutional Area, Noida - 201307

 **Course Schedule**

National Training Programme on

**“Data Analytics”**

[for IA&AS officer Trainees-2019 Batch)

**7-11th June, 2021**

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| **Date** | **Topic** | **Time** |
| **7/06/2021 (Day 1)** |
| **Session 1 (Day 1)** | Framework and governance of Digitisation in Government of India | 10.00 to 11:15 |
|  | **Mr. K R Sriram, Deputy Comptroller and Auditor General (Fin. & Comm.) and CTO/CRA** |  |
| **Break** | 11:15 to 11:45 |
| **Session 2 (Day 1)** | Introduction to IT-Related Frameworks:1. CoBIT Version 5.0 framework
2. ISOs – 27000 Series (Security); 38500 Series (IT Governance); 20000 Series (IT Services Management)
3. Capability Maturity Model (CMM – SEI)
 | 11:45 to 13:00 |
|  | **Mr. KR Sriram, Deputy Comptroller and Auditor General (Fin. & Comm.) and CTO/CRA** |  |
| **Lunch Break**  | 13:00 to 14:00 |
| **Session 3 (Day 1)** | Introduction to IT Audit in the Digital World | 14:00 to 15:15 |
|  | **Mr. K Srinivasan, Additional Chief Technology Officer & DG (iCISA)** |  |
| **Break** | 15:15 to 15:45 |
| **Session4****(Day 1)** | Introduction to Big Data & Analytics | 15:45 to 17:00 |
|  | **Karthik Ranganathan , Managing partner Adqvest (Alternate Data Company)** |  |
| **8/06/2021 (Day 2)** |
| **Session 1 (Day 2)** | Statistics for Data analysis | 10.15 to 11:30 |
|  | **Mr. Gaurav Rai, Dy. Director, &**  **Ms. Niti Sethi, Consultant, CDMA, O/o the C&AG of India, New Delhi** |  |
|  | **Break** | 11:30 to 11:45 |
| **Session 2 (Day 2)** | Types of data and data analytics tools | 11:45 to 13:00 |
|  | **Mr. Gaurav Rai, Dy. Director, &**  **Ms. Niti Sethi, Consultant, CDMA, O/o the C&AG of India, New Delhi** |  |
| **Lunch Break** | 13:00 to 14:00 |
| **Session 3 (Day 2)** | Hands on training with tableau | 14:00 to 15:15 |
|  | **Mr. Gaurav Rai, Dy. Director, &**  **Ms. Niti Sethi, Consultant, CDMA, O/o the C&AG of India, New Delhi** |  |
| Break | 15:15 to 15:45 |
| **Session 4 (Day 2)** | Hands on training with Tableau | 15:45 to 17:00 |
|  | **Mr. Gaurav Rai, Dy. Director, &**  **Ms. Niti Sethi, Consultant, CDMA, O/o the C&AG of India, New Delhi** |  |
| **9/06/2021 (Day 3)** |
| **Session 1 (Day 3)** | Use of Data Analysis in audit of GST -Case Study | 10:15 to 11:30 |
|  |  **Sh N N Subramanian, Dy. Director-CEDAR/GST** |  |
| **Break** | 11:30 to 11:45 |
| **Session 2****(Day 3)** | Use of Data Analysis in audit of GST -Case Study  | 11:45 to 13:00 |
|  |  **Sh N N Subramanian, Dy. Director-CEDAR/GST** |  |
| **Lunch Break** | 13:00 to 14:00 |
| **Session 3****(Day 3)** | Case Study on audit of e-procurement | 14:00 to 15:15 |
|  | **Sh Vikash Kumar, Dirctor, R&I (iCISA)** |  |
| **Break** | 15:15 to 15:45 |
| **Session 4****(Day 3)** | Vaahan/ Saarthi- Using centralized data for audit  | 15:45 to 17:00 |
|  | **Sh Gaurav Rai, Dy. Director, CDMA, O/o the C&AG of India, New Delhi** |  |
| **10/06/2021 (Day 4)**  |
| **Session 1 (Day 4)** | Introduction to OIOS- features and uses | 10:15 to 11:30 |
|  | **Ms Shubhangi, Dir-IS III**And, **Sh Sadhashiv, SAO, RTI Mumbai** |  |
| **Break** | 11:30 to 11:45 |
| **Session 2 (Day 4)** | Introduction to OIOS- Workflow for an audit assignment | 11:45 to 13:00 |
|  | **Ms Shubhangi, Dir-IS III**And, **Sh Sadhashiv, SAO, RTI Mumbai** |  |
|  | **Lunch Break** | 13:00 to 14:00 |
| **Session 3 (Day 4)** | Introduction to OIOS- Using toolkit for audits | 14.00 to 15:15 |
|  | **Ms Hemalatha R, Sr AO RTI Chennai****& Sh Mukesh Kumar, AAO (IS wing)** |  |
| **Break** | 15:15 to 15:45 |
| **Session 4 (Day 4)** | Introduction to OIOS- KMS for knowledge sharing | 15:45 to 17:00 |
|  | **Ms Hemalatha R, Sr AO RTI Chennai****& Sh Mukesh Kumar, AAO (IS wing)** |  |
| **11/06/2021 (Day 5)** |
| **Session 1 (Day 5)** | Case Study: Use of Remote sensing in audit  | 10:15 to 11:30 |
|  | **Sh Nand Dulal Das, DAG, o/o PAG (Audit) WB** |  |
| **Break** | 11:30 to 11:45 |
| **Session 2****(Day 5)** | Case Study: Use of Remote sensing in audit | 11:45 to 13:00 |
|  | **Sh Nand Dulal Das, DAG, o/o PAG (Audit) WB** |  |
|  | **Break** | 13:00 to 14:00 |
| **Session 3 (Day 5)** | Introduction to PFMS- Functional and technical design PFMS System in India | 14.00 to 15:15 |
|  | **Sh Dipankar Sengupta, DDG - NIC** |  |
|  | **Lunch Break** | 15:15 to 15:45 |
| **Session 4****(Day 5)** | **LoB application (to be decided) for Beneficiary management** | 15:45 to 17:00 |
|  | **Ms. Pratibha Lokhande, DDG – NIC** |  |
|  | **Valediction** | 17:15 to 17:45 |