**International Centre for Information Systems & Audit**

**A-52, Sector -62, Noida**

**Course Schedule**

**“Data insights for Audit”**

**(26th to 28th August 2020)**

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| **Date** | **Topic** | **Time** | **Faculty** |
| **26/08/2020** | | | |
|  | Introduction of participants & Overview of course | 10:00 to 10:15 | **Mr. K.R Sriram,**  **CTO & DG, iCISA** |
| **Session 1 (Day 1)** | Primer for Statistics  Measures of Central Tendency  Concept of Mean, Mode, Median | 10.15 to 11:30 | **Dr. Taruna Kumari,**  **Asst. Professor,**  **Delhi University** |
|  | Break | 11:30 to 11:45 |  |
| **Session 2 (Day 1)** | Statistical Approaches in Analytics: Spread and Shape of Distribution: Range, Skewness, Kurtosis, Standard Deviation, Variance, Interquartile range, Box plots etc | 11:45 to 13.00 | **Dr. Taruna Kumari,**  **Asst. Professor,**  **Delhi University** |
|  | Lunch Break | 13:00 to 14:00 |  |
| **Session 3 (day 1)** | Use of Statistical concepts in Audit | 14:00 to 15:15 | **Mr. K.R Sriram,**  **CTO & DG, iCISA** |
|  | Break | 15:15 to 15:30 |  |
|  | Quiz 1 & 2 | 15:30 to 16:10 |  |
| **Session 4**  **(Day 1)** | Exercise –I, II & III  Exercise to be submitted by all participants by 17:00 hrs. | 16:10 to 17:00 | **Mr. Gaurav Rai,**  **Deputy Director** |
| **27/08/2020** | | | |
| **Session 1**  **(Day 2)** | Exercise IV and Peer Review of Exercise III | 10:00 to 11:00 | **Ms. Swati Pandey, PD and Mr. Gaurav Rai, Deputy Director** |
|  | Break | 11:00 to 11:15 |  |
| **Session 2**  **(Day 2)** | Kurtosis Vs Skewness and Correlation & Regression - Part -I | 11:15 to 12:45 | |  | | --- | |  |   **Ms. Swati Pandey, PD** |
|  | Lunch Break | 12:45 to 14:00 |  |
| **Session 3 (Day 2)** | Correlation & Regression – Part II along with Excel Demo of predicting values using descriptive statistics and regression | 14:00 to 15:00 | **Mr. Gaurav Rai,**  **Deputy Director** |
|  | Break | 15:00 to 15:15 |  |
| **Session 4 (Day 2)** | Case studies  Exercise to be submitted by all participants by 5:00 pm | 15:15 to 17:00 | **Ms. Swati Pandey, PD and Mr. Gaurav Rai, Deputy Director** |
| **28/08/2020** | | | |
| **Session 1**  **(Day 3)** | How to gain meaningful insights from data and Discussion on exercise | 10:00 to 11:00 | **Ms. Swati Pandey, PD**  **Mr. Gaurav Rai, DD** |
|  | Break | 11:00 to 11:15 |  |
| **Session 2**  **(Day 3)** | Exercise on Traffic case study and Quiz 3 | 11:15 to 13:00 | **Ms. Swati Pandey, PD and Mr. Gaurav Rai, Deputy Director** |
|  | Lunch Break | 13:00 to 14:00 |  |
| **Session 3 (Day 3)** | Discussion on exercise and Traffic case study | 14:00 to 15:00 | **Ms. Swati Pandey, PD and Mr. Gaurav Rai, Deputy Director** |
|  | Break | 15:00 to 15:15 |  |
|  | Valediction | 15:15 to 15:45 |  |