International Centre for Information Systems and Audit (iCISA)

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

**लोकहितार्थ सत्यनिष्ठा**

**Dedicated to Truth in Public Interest**

**Course Schedule**

Workshop on **“Statistics and Sampling in Audit”**

**(for officers of IA&AD)**

**23 – 24 May, 2019**

**Registration: 09:30 AM - 09:45 AM (Room no.111) and Inauguration: 09:45 AM -10:00 AM (Room no. 213) on 23 May 2019**

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| **Date and Day** | **Session - I****(10:00AM to 11.15 AM)** | **Session - II****(11:45 AM to 01.00PM)** | **Session - III****(02:00PM to 03.15PM)** | **Session - IV****(03.45 PM to 05:00PM)** |
| **23 May 2019**(Thursday) | * How to use statistics in Audit to gain a better understanding of data
* Presenting Audit Data Using Tables, Graphs and Frequency Distribution
 | * Use of the various Averages in Audit
* Measures of Dispersion and Skewness and their use in the various audit situations
 | Correlation and Regression and their use in Audit  | Sampling and its types including Estimation of Parameters like average and proportion |
| **Faculty/Speaker** | **Mr. Pawan Kumar Dhamija, Statistical Adviser, Office of the C&AG of India, New Delhi**  |
| **Moderators** | **Mr. K.R.Sriram, Director General, iCISA** |
| **Room no. 213** |
| **24 May 2019**(Friday) | * Point and Interval Estimates of Proportion (percentages) and Mean/Average
* Audit of Kerala Social Security where estimation of errors was done
 | Use of Data Analysis for Sampling in the different Audits-Case Studies (i) PMUY(ii) NRHM (iii) National Pension System | * Statistical Sampling in Audit-Attribute and Variable Sampling-situations where they can be used in Audit.
* Important points to be kept in view while deciding Sampling Methodology and Sample Size-particularly variability and size of population
 | Wrap up and Group Discussion |
| Valediction |
| **Faculty/Speaker** | **Mr. Pawan Kumar Dhamija, Statistical Adviser, Office of the C&AG of India ,New Delhi** |
| **Moderators** | **Mr. K. S. Subramanian, Director General of Audit (Defence Services), New Delhi &****Mr. K. R. Sriram, Director General, iCISA** |
| **Room no. 213** |

**Tea/Coffee Break**: 11:15 AM - 11:45 AM **Lunch**: 01:00 PM - 02:00 PM **Tea/Coffee Break**: 03:15PM - 03:45PM