



International Centre for Information Systems & Audit

A-52, Sector- 62, Institutional Area, Phase-II, Noida – 201309 (Uttar Pradesh)

# 164th International Training Programme

on

Use of Data Analytics & Emerging Technologies in Audit

(19th August to 04th September, 2025)

# Course Schedule

164th ITP First week: Introduction to Data Analytics, Data Analytics tools in Audit and Python Programming Language

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| **Date & Day**  | Session 1 10:00– 11:15 Hours  | Session 2 11:45 –13:00 Hours  | Session 3 14:00 – 15:15 Hours  | Session 4 15:45 –17:00 Hours  |
| **19 Aug 2025** **Tuesday**  | **Briefing & Ice-breaking session**  | **Inauguration at iCISA**  | **Introducing India** |
| Room no. 108  |  | Presentation by SAI India participant |
| **20 Aug 2025** **Wednesday**  | **Data Analytics**: An overview | Use of Data Analytics Tool (Tableau) in Audit |
| **Mr. Karan Vohra, Director****O/o the DGA(Central Expenditure), New Delhi** | **Mr. Gowthaman R, Director,****O/o the DGA(I&CA), New Delhi**  |
| **21 Aug 2025** **Thursday**  | **Introduction to Python:** Overview of Python ,installation, IDE, Variables & Data Types, Syntax & Structure, Function & Modules | **Introduction to Python-Data Handling & Processing:** Overview of Panda, Data Cleaning & Transformation, Aggregating data for audit insights |
| **Ms. Chandni, Project Engineer, C-DAC & Mr. Vaibhav Rawat AAO, iCISA, Noida** | **Ms. Chandni, Project Engineer, C-DAC & Mr. Vaibhav Rawat AAO, iCISA, Noida** |
| **22 Aug 2025** **Friday** | **Introduction to Image Analytics using Python in Auditing:** Overview of image analytics, working with images, case studies | **Introduction to Artificial Intelligence & Machine Learning:** Key Concepts, history, and evolution, types of AI |
| **Mr. Anil Kumar Goyal, SAO (CDMA), O/o the C&AG of India, New Delhi** | **Professor Naveen Bhansali , IIM Bengaluru** |
| **23 Aug 2025** **Saturday**  | **Agra Visit**  |
| **24 Aug 2025** **Sunday**  | **Delhi Visit(Humayun Tomb, Qutub Minar & Dilli Haat)** |

 164th ITP Second week: Introduction to AI and ML and Study Tour

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| **Date & Day**  | Session 1 10:00 – 11:15 Hours  | Session 2 11:45 – 13:00 Hours | Session 3 14:00 – 15:15 Hours  | Session 4 15:45 – 17:00 Hours  |
| **25 Aug 2025** **Monday**  | **GenAI vs traditional AI- Tools**: GenAI in audit: Automated documentation, report writing, evidence synthesis | **Writing effective prompts for auditors (**Instructional, extractive, summarization, reasoning**) &** **GenAI for Communication & Content Creation:**. Image Generation- Video Creation- Productivity Tools for Daily Work- Hands on Sessions | **Development of Audit Tools using Python**  |
| **Dr. Anil Singh Parihar, Professor, DTU** | **Mr. Abhishek Singh, Director, Mr. Vaibhav Rawat, AAO & Mr. Veeresh Singh, Auditor , iCISA, Noida** |
| **26 Aug 2025****Tuesday** | **Online certification in Python** | **Audit tools using AI**  |
| **Mr. Vaibhav Rawat, AAO, iCISA & Mr. Veeresh Singh, Auditor , iCISA** | **Mr. Anil Kumar Goyal, SAO (CDMA) O/o the C&AG of India, New Delhi** |
| **27th to 30th August** | **Study Tour ( Ahmedabad)** |
| **31st Aug 2025****(Sunday)** | **Delhi Visit** **(Rajghat, Gandhi Smriti Museum)** |

 164th ITP Third week – Case studies/ Emerging Technologies

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| **Date & Day**  | **Session 1 10:00 – 11:15 Hours**  | **Session 2 11:45 – 13:00 Hours** | **Session 3 14:00 – 15:00 Hours**  | **Session 4 15:15 – 16:30 Hours** |
| **01 Sep 2025****Monday** | Application of GIS in Audit  | Online certification in Python | **Theme Country** |
| **Mr. R T Venkatasamy, PAG, O/o the PAG (Audit-II), Tamil Nadu & Puducherry** | **Mr. Vaibhav Rawat, AAO, iCISA &** **Mr. Veeresh Singh, Auditor , iCISA** |
| **02 Sep 2025****Tuesday** | **E governance and digitisation initiatives in Education Sector in India** | **Drone Analytics Monitoring System (DAMS) for Highway Management** | Online certification in Python |
| **Mr. Harikumar Janakiraman, Director (PMPY & Digital Education Bureau), DoSE&L**  | **Mr. Vikas Malhotra, General Manager (IT), & Mr. Amit Munjal, General Manager (T), NHAI** | **Mr. Vaibhav Rawat, AAO, iCISA &** **Mr. Veeresh Singh, Auditor , iCISA** |
| **03 Sep 2025****Wednesday** | **Blockchain:-** Concepts, Potential and Application in Audit | **Discussion on award winning e-Governance project:** Use of Tele radiology & Artificial Intelligence for Chest Radiograph |
| **Mr. Pranay Singh Chauhan, vCISO, Cyber Security Consultant** | **Mr. P K Sishodiya, Consultant , Expert in Silicosis, Directorate of Specially Abled Persons** |
| **04 Sep 2025****Thursday** | **Valediction** |  |