

International Centre for Information Systems & Audit (iCISA)

Course Schedule of National Training Programme on

“Data Analytics and Auditing in IT Environment”

(For IA&AS officer Trainees-2023 Batch)

(08th to 12th July, 2024)

Date	Topics	Time(in hrs)
08th July (Monday) (Day-1)		
	Registration of Participants (Room No. – 111)	9:30 – 09:45
	Inauguration	9:45 – 10:15
Session 1 (Day 1)	Information systems auditing process: Risk-Based approach to IS Audit Planning & Audit process activities	10:15 – 11:30
	Mr. Sandeep Dabur, Director, O/o DGA, Air force, New Delhi	
	Break	11:30 – 11:45
Session 2 (Day 1)	Introduction to IT applications in IA&AD / IT in Accounts: current status, challenges & way forward	11:45 – 13:00
	Mr. Deepak Raghu, Director (IS-II), O/o C&AG of India, New Delhi	
	Lunch Break	13:00 – 14:00
Session 3 (Day 1)	Audit of IS Controls (General & application Controls): Case Studies	14:00 – 15:15
	Mr. Vinit Sinha, President, ISACA, New Delhi	
	Break	15:15 – 15:45
Session4 (Day 1)	Audit of IS Controls (General & application Controls): Case Studies	15:45 – 17:00
	Mr. Vinit Sinha, President, ISACA, New Delhi	
09^h July (Tuesday) (Day 2)		
Session 1 (Day 2)	Information Asset Security Frameworks, Standards and Guidelines	10:00 – 11:15
	Mr. Deepak Raghu, Director (IS-II), O/o C&AG of India, New Delhi	
	Break	11:15 – 11:45
Session 2 (Day 2)	IT Audit Case Studies	11:45 – 13:00
	Mr. Gowthaman R, Director, O/o DGA, I&CA, New Delhi	
	Lunch Break	13:00 – 14:00
Session 3 (Day 2)	Application of Data Analytics Tool Tableau in Audit: Hands on Sessions	14:00 – 15:15
	Mr. Gowthaman R, Director, O/o DGA, I&CA, New Delhi	
	Break	15:15 – 15:45
Session 4 (Day 2)	Application of Data Analytics Tool Tableau in Audit: Hands on Sessions	15:45 – 17:00
	Mr. Gowthaman R, Director, O/o DGA, I&CA, New Delhi	

10th July (Wednesday) (Day 3)		
Session 1 (Day 3)	International Audits done by SAI India: IT tools and platforms- case studies	10:00 – 11:15
	Mr. Gaurav Rai, Director (IS-I), O/o C&AG of India, New Delhi	
Break		11:15 – 11:45
Session 2 (Day 3)	IT Audit of Integrated Financial Management System(Complete Cycle- planning till reporting): A case study	11:45 – 13:00
	Mr. Jitendra Tiwari, Director(Govt. A/Cs-I) O/o the C&AG of India	
Lunch Break		13:00 – 14:00
Session 3 (Day 3)	Application of IDEA in Audit: Extraction, Summarization, Stratification, Ageing & Charting:- Hands on Sessions	14:00 – 15:15
	Mr. M P Hemantha, SAO, O/o C&AG of India	
Break		15:15 – 15:45
Session 4 (Day 3)	Application of IDEA in Audit: case study/ Studies	15:45 – 17:00
	Mr. M P Hemantha, SAO, O/o C&AG of India	
11th July (Thursday)(Day 4)		
Session 1 (Day 4)	Application of Artificial Intelligence & Machine Learning in Audit	10:00 – 11:15
	Suresh Nair, Sr AO (DGA (Central) , Ahmedabad.	
Break		11:15-11:45
Session 2 (Day 4)	Audit of GSTN	11:45 – 13:00
	Mr. R Shyam , Sr.DAG, O/o PAG(Audit), Andhra Pradesh	
Lunch Break		13:00 – 14:00
Session 3 (Day 4)	IS Security: - Concepts, Risks, Attacks, Goals for Security, Network & Application Security, OWASP Top 10 vulnerabilities and Web Application Security, IS Security Testing and Monitoring Tools & Techniques, Mobile, Wireless and Internet of Things (IoT) Devices, Virtualized Environment:	14:00 – 15:15
	Col. Inderjeet Singh(retd.), Chief Cyber Security Officer ,Vara Technologies, Gurgaon	
Break		15:15 – 15:45
Session 4 (Day 4)	Protection of Information Asset: - Confidentiality, Integrity and Non-Reputability, Availability of Data, Data Privacy Data Classification, Data Encryption and Encryption Related Techniques, Public Key Infrastructure, Identity and Access Management, Physical Access & Environmental control	15:45-17:00
	Col. Inderjeet Singh(retd.), Chief Cyber Security Officer ,Vara Technologies, Gurgaon	

12th July (Friday)(Day 5)		
Session 1 (Day 5)	Introduction to OIOS: feature & uses Workflow for an Audit Assignment	10:00 – 11:15
	Mr. Lakbindar Chahal, Dy. Director (IS-III)/Mr. Mukesh Kumar, AAO (OIOS), O/o C&AG of India	
	Break	11:15 – 11:30
Session 2 (Day 5)	Introduction to OIOS- Briefing Of Toolkit Process & Using toolkit for audits & KMS for knowledge sharing	11:30 – 12:45
	Mr. Lakbindar Chahal, Dy. Director (IS-III)/Mr. Mukesh Kumar, AAO (OIOS), O/o C&AG of India	
	Lunch Break	12:45 – 13:30
Session 3 (Day 5)	IT Project Assignment	13:30 – 14:45
	Mr. Sanjay Sahu, Dy. Director, O/o PDA (F&C) & Mr Karan Vohra, Director (CDMA), O/o C&AG of India	
	Break	14:45 – 15:00
Session 4 (Day 5)	IT Project Assignment	15:00 – 16:30
	Mr. Sanjay Sahu, Dy. Director, O/o PDA (F&C) & Mr Karan Vohra, Director (CDMA), O/o C&AG of India	
	Valediction	16:30