

## Course Schedule of National Training Programme on “IS Audit and Data Analytics” (For IA&AS officer Trainees-2021 Batch) (12<sup>th</sup> to 16<sup>th</sup> December, 2022)

Date	Topics	Time(in hrs)
<b><u>12<sup>th</sup> December (Monday) (Day-1)</u></b>		
<b>Registration of Participants</b> (Room No. – 111)		9:30 – 09:45
Inauguration		9:45 – 10:15
<b>Session 1 (Day 1)</b>	Framework and governance of Digitization in Government of India	10:15 – 11:30
<b>Mr. JayVerdhan Tiwari, Scientist D, Ministry of Electronics &amp; Information Technology</b>		
<b>Break</b>		11:30 – 11:45
<b>Session 2 (Day 1)</b>	Network & Application security	11:45 – 13:00
<b>Colonel Inderjeet Singh (Retd.) Chief Cyber Security Officer- Vara Technology Pvt. Ltd.</b>		
<b>Lunch Break</b>		13:00 – 14:00
<b>Session 3 (Day 1)</b>	Network & Application security	14:00 – 15:15
<b>Colonel Inderjeet Singh (Retd.) Chief Cyber Security Officer- Vara Technology Pvt. Ltd.</b>		
<b>Break</b>		15:15 – 15:45
<b>Session4 (Day 1)</b>	Information Systems Audit of Government –e- Market Place ( GeM): a case study	15:45 – 17:00
<b>Mr. Vikash Kumar, Director (IS-II), O/o the C&amp;AG of India, New Delhi</b>		
<b><u>13<sup>th</sup> December (Tuesday) (Day 2)</u></b>		
<b>Session 1 (Day 2)</b>	Introduction to OIOS: feature & uses Workflow for an Audit Assignment	10:00 – 11:15
<b>Ms. Sowmini S., Sr. Administrative Officer, Regional Training Centre, Bengaluru</b>		
<b>Break</b>		11:15 – 11:45
<b>Session 2 (Day 2)</b>	Introduction to OIOS- Using toolkit for audits & KMS for knowledge sharing	11:45 – 13:00
<b>Ms. Sowmini S., Sr. Administrative Officer, Regional Training Centre, Bengaluru</b>		
<b>Lunch Break</b>		13:00 – 14:00
<b>Session 3 (Day 2)</b>	Introduction to Block Chain Technology: Concepts, Use of Block chain in Government, Auditing in Block chain environment	14:00 – 15:15
<b>Mr. Mani Madhukar, Project Manager, IBM</b>		
<b>Break</b>		15:15 – 15:45
<b>Session 4 (Day 2)</b>	GST Chain- challenges and solution using the block chain,- A case Study	15:45 – 17:00
<b>Mr. Mani Madhukar, Project Manager, IBM</b>		
<b><u>14<sup>th</sup> December (Wednesday) (Day 3)</u></b>		
<b>Session 1 (Day 3)</b>	Public Key Infrastructure	10:00 – 11:15
<b>Mr. ManikantUpadhyay, Scientist B, Cyber Security Division, NIC</b>		

<b>Break</b>		11:15 – 11:45
<b>Session 2 (Day 3)</b>	Audit of Integrated Financial Management System:A case study	11:45 – 13:00
	<b>Mr. Sumeet Kumar, Sr. DAG, O/o the Pr. AG (Audit), Haryana, Chandigarh</b>	
<b>Lunch Break</b>		13:00 – 14:00
<b>Session 3 (Day 3)</b>	Application of Data Analytic Tool IDEA in Audit	14:00 – 15:15
	<b>Mr. Deepak Viswanathan, Sr. Administrative Officer, O/o the C&amp;AG of India, New Delhi</b>	
<b>Break</b>		15:15 – 15:45
<b>Session 4 (Day 3)</b>	Application of Data Analytic Tool IDEA in Audit	15:45 – 17:15
	<b>Mr. Deepak Viswanathan, Sr. Administrative Officer, O/o the C&amp;AG of India, New Delhi</b>	
<b>15<sup>th</sup> December (Thursday)(Day 4)</b>		
<b>Session 1 (Day 4)</b>	Application of Data Analytic Tool Tableau in Audit	10:00 – 11:15
	<b>Mr. Gautam Gahlaut, Sr. Audit Officer, O/o the DGA (E&amp;SD), New Delhi</b>	
<b>Break</b>		11:15 – 11:45
<b>Session 2 (Day 4)</b>	Application of Data Analytic Tool Tableau in Audit	11:45 – 13:00
	<b>Mr. Gautam Gahlaut, Sr. Audit Officer, O/o the DGA (E&amp;SD), New Delhi</b>	
<b>Lunch Break</b>		13:00 – 14:00
<b>Session 3 (Day 4)</b>	Risk based IS Audit Planning	14:00 – 15:15
	<b>Mr. Sanjiv Arora, Ex-President, ISACA New Delhi Chapter</b>	
<b>Break</b>		15:15 – 15:45
<b>Session 4 (Day 4)</b>	Audit of IS Controls (General & application Controls)	15:45 – 17:00
	<b>Mr. Sanjiv Arora, Ex-President, ISACA New Delhi Chapter</b>	
<b>16<sup>th</sup> December (Friday) (Day 5)</b>		
<b>Session 1 (Day 5)</b>	IT in Accounts : current status, challenges & way forward	10:00 – 11:15
	<b>Mr. R M Johri, Addl. Dy. CAG (GASAB), O/o the C&amp;AG of India, New Delhi</b>	
<b>Break</b>		11:15 – 11:30
<b>Session 2 (Day 5)</b>	IT in Accounts : current status, challenges & way forward	11:30 – 12:45
	<b>Mr. R M Johri, Addl. Dy. CAG (GASAB), O/o the C&amp;AG of India, New Delhi</b>	
<b>Lunch Break</b>		12:45 – 13:30
<b>Session 3 (Day 5)</b>	Application of Artificial Intelligence & Machine Learning in Audit: A case Study	13:30 – 14:45
	<b>Mr. Gaurav Rai, Director &amp; Mr. Anil Goyal, Sr.AO, O/o the C&amp;AG of India, New Delhi</b>	
<b>Break</b>		
<b>Session -4</b>	IT Project Assignment	15:00- 16:30
	<b>Mr. Vikash Kumar, Director &amp; Mr. Gaurav Rai, Director</b>	
<b>Valediction</b>		16:30