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**International Centre for
Information Systems and Audit,
(iCISA)**

**Office of the Comptroller and Auditor General of India,
A-52, Sector 62, Noida – 201301 (UP), India**



83rd

International Training Programme

on

“Auditing in Information Technology Environment”

(31st March to 29th April 2008)



First Week (Theme – IT Governance Mechanism and the IT Audit function)

Theme	Date & Days	Session 1 1000 – 1115 Hrs.	Session 2 1145 – 1300 Hrs.	Session 3 1400 – 1515 Hrs.	Session 4 1545 – 1700 Hrs.
IT Governance mechanism and the IT Audit function	31 st Mar. 2008 Monday	Registration		Negotiating the learning path	IT Audit professional Certifications and the need for Continuing Education
				iCISA / IT Audit Wing	R K Goel
	1 st Apr. 2008 Tuesday	Inauguration		IT Governance and its mechanisms	IT Environment and its effects on internal controls and auditing
				R K Goel	N K Sah
	2 nd Apr. 2002 Wednesday	IT Audit: Concepts and Practices		Gains from Business Process Re-engineering	IT Outsourcing and the Associated Risks
		Anupam Kulshreshtha		Sunil Bahri	K R Sriram
	3 rd Apr. 2008 Thursday	International IT Audit and IT Security standards	Assessing risks and returns while assessing IT investment decision making	COBIT: Introduction to the Conceptual Framework	COBIT: Management and auditing guidelines
		Vani Sriram	Vani Sriram	N K Sah	N K Sah
	4 th Apr. 2008 Friday	Business Continuity and Disaster Recovery Planning		Country Papers: Deciding about content, methods of preparation and evaluation criterion	
				K R Sriram	
	5 th Apr. 2008 Saturday	Delhi Sightseeing			
	6 th Apr. 2008 Sunday				



Second Week (IT Audit Process and IT Controls Evaluation)

Theme	Date & Days	Session 1 1000 – 1115 Hrs.	Session 2 1145 – 1300 Hrs.	Session 3 1400 – 1515 Hrs.	Session 4 1545 – 1700 Hrs.	
IT Audit process and IT Controls Evaluation	7 th Apr. 2008 Monday	Planning IT Audits: Gaining an understanding of IT organization and status of IT controls in the entity	Auditing General IT controls with emphasis on access controls and Change Management Controls	Panel Discussion: <u>Should an IT Auditor be an IT Specialist?</u>		
		K P Sasidharan	K P Sasidharan	N R Rayalu, Anupam Kulshreshtha, Sanjeev Arora		
	8 th Apr. 2008 Tuesday	IT Application controls	Evaluation of IT Application controls	Group photo session with the C&AG of India at the O/o the C&AG of India, New Delhi.		
		K Srinivasan	K Srinivasan			
	9 th Apr. 2008 Wednesday	Audit of IT systems under Development: Risks and Opportunities	Auditing Local Area Networks	Auditing e Governance projects	IT Balance Scorecard	
		Nilotpal Goswami	Puneet Mehta	Ashutosh Sharma	Anupam Kulshreshtha	
	10 th Apr. 2008 Thursday	IT Security and risk assessment	Case Study: Assessing IT Security in Indian Railways	Access as a CAAT: Hands on session		
		N Nagarajan	N Nagarajan			
	11 th Apr. 2008 Friday	Code Review, Test Data and code comparison	IT Audit in insurance sector: A Case Study	Access as a CAAT: Hands on session		
		Neeraj Kumar	Saroj Punhani			
12 th Apr. 2008 Saturday	Study Tour to Shimla and Chandigarh					
13 th Apr 2008 Sunday						



Third Week (Theme –IT security and related audit issues)

Theme	Date & Days	Session 1 1000 – 1115 Hrs.	Session 2 1145 – 1300 Hrs.	Session 3 1400 – 1515 Hrs.	Session 4 1545 – 1700 Hrs
Study Tour/ Managing IT	14 th Apr. 2008 Monday	Study Tour to Shimla and Chandigarh			
	15 th Apr. 2008 Tuesday				
	16 th Apr. 2008 Wednesday				
	17 th Apr. 2008 Thursday	Auditing IT Procurements Deepak Anurag	Auditing IT Project Management Faculty from R-Systems	Panel Discussion: Managing IT in an organisation Ajay Sawhney, K Subramanian	
	18 th Apr. 2008 Friday	Mahavir Jayanti - FREE			
	19 th Apr. 2008 Saturday	Visit to Agra			
	20 th Apr. 2008 Sunday				



Fourth Week (Computer Assisted Auditing Techniques)

Theme	Date & Days	Session 1 1000 – 1115 Hrs.	Session 2 1145 – 1300 Hrs.	Session 3 1400 – 1515 Hrs.	Session 4 1545 – 1700 Hrs.	
Computer Assisted Auditing Techniques	21 st Apr. 2008 Monday	Assessing reliability of computer processed data using CAATs	Fraud detection using data analysis techniques	IDEA: Data Importing		
		Sandip Roy	Sandip Roy	Neeraj Kumar		
	22 nd Apr. 2008 Tuesday	Auditing ERP Systems	Case Study: Audit of an ERP system in International Maritime Organization	IDEA: Case Studies and Hands on practical exposure		
		Sadu Israel	Sadu Israel	Neeraj Kumar		
	23 rd Apr. 2008 Wednesday	Country Papers		IDEA: Case Studies and Hands on practical exposure		
		Vinita Mishra, Santosh Kumar		Neeraj Kumar		
	24 th Apr. 2008 Thursday	Auditing Oracle RDBMS security	Concurrent Auditing Techniques	IDEA: Case Studies and Hands on practical exposure		
		R K Goel	Anupam Kulshreshtha	Neeraj Kumar		
	25 th Apr. 2008 Friday	Auditing web based transaction processing applications	Reporting on IT Audits: Writing findings for non IT audiences	Data Mining using Wizrule	Country Papers	
		Ashutosh Sharma	Reena Saha	R K Goel	Vinita Mishra, Santosh Kumar	
26 th Apr. 2008 Saturday	VISIT TO JAIPUR					
27 th Apr. 2008 Sunday	VISIT TO JAIPUR					



Fifth Week (Theme – Emerging areas)

Theme	Date & Days	Session 1 1000 – 1115 Hrs.	Session 2 1145 – 1300 Hrs.	Session 3 1400 – 1515 Hrs.	Session 4 1545 – 1700 Hrs.
Winding Up	28 th Apr. 2008 Monday	IT Audit Quiz	IT Audit: Future Challenges	Feedback	
		R K Goel	Sunil S Dadhe		
	29 th Apr. 2008 Tuesday	Valediction			

LEGENDS

- Lectures/ Presentations**
- Case studies / panel discussions / Quiz**
- Practical exposure**
- Field study visits**
- Leisure / free time**
- Miscellaneous**
- Country Paper presentations**