

REGIONAL TRAINING INSTITUTE, JAIPUR-302015

A Special Course on “Cyber Security-IT Security”
From 16.08.2021 to 18.08.2021

PROGRAMME			
SESSION TIMINGS		NON-SESSION TIMINGS	NON-SESSION DAYS
I 10.15 AM to 11.30 AM II 11.45 AM to 01.00 PM III 02.00 PM to 03.15 PM IV 03.30 PM to 04.45 PM		Tea Break: 11.30 AM to 11.45 AM Lunch Break : 01.00 PM to 02.00 PM Tea Break : 03.15 PM to 03.30 PM	--Nil--
DATE & DAY	SESSION	TOPIC	FACULTY S/Shri/ Ms.
16.08.2021 Day 1	I	Cyber laws, Cyber security and introduction to cybercrime with the latest trends cyber criminals modus operandi	Dr. Mahendra Limaye, Cyber Legal Consultant Cyber Awareness Organisation Nagpur (Maharashtra)
	II & III	Network fundamentals - Ports protocols - IPv4 and IPv6 - Subnetting - Network devices Anonymous methodology used by cyber criminals - Tor (Darknet) - Proxy - VPN - User Agent switcher - Temp mail Fundamentals of Mac Address, domain name system, name server, virtual private server dedicated & shared server	Sh. Vinod Sencha, Core Faculty/RTI Jaipur
	IV	Computer Hacking & Security - Malware - Types of Malware - System Hacking Live demonstration - Antivirus bypass techniques used by attackers	Dr. Rizwan Ahmad Cyber Security Consultant Cyber Awareness Organisation Nagpur (Maharashtra)
17.08.2021 Day 2	I & II	Open Source Intelligence tools and techniques case studies and hands on practice Acquiring intelligence for a remote target. Here target can be a person, computer, website, server, email, mobile number, social media account etc.	Sh. Shrikant Ardhapurkar Cyber Forensic Expert Cyber Awareness Organisation Nagpur (Maharashtra)
	III	E-mail & Social Media Investigation - Hacking Case Studies - Defamation & Case Studies -Identifying & Tracing fake mails - Analysing email headers - Log Analysis,	Dr. Mahendra Limaye, Cyber Legal Consultant Cyber Awareness Organisation Nagpur (Maharashtra)
	IV	Data Security for organisations Cryptography & Steganography - Data Protection techniques - Data Hiding techniques - countermeasures I	Sh. Shrikant Ardhapurkar Cyber Forensic Expert Cyber Awareness Organisation Nagpur (Maharashtra)
18.08.2021 Day 3	I	Audit in I.T. environment – Assessing cyber security at the audited entity	Sh. Puneet Kumar Sharma, Core Faculty/RTI Jaipur
	II	Investigation of Phishing cases with case studies Types of Phishing Hands on Practice on phishing Understanding attackers modus operandi	Sh. Shrikant Ardhapurkar Cyber Forensic Expert Cyber Awareness Organisation Nagpur (Maharashtra)
	III	Banking Phishing case study Email phishing cases Shopping portal phishing cases Investigating methodologies Countermeasures to avoid such attacks	Dr. Mahendra Limaye, Cyber Legal Consultant Cyber Awareness Organisation Nagpur (Maharashtra)
	IV	Ensuring Cyber security at workplace-including link between personal security practices and their impact on cyber security of the organisation.	Dr. Rizwan Ahmad Cyber Security Consultant Cyber Awareness Organisation Nagpur (Maharashtra)
		Valediction	Director General RTI Jaipur