



CENTRAL DETECTIVE TRAINING INSTITUTE (BPR&D) JAIPUR
Ministry of Home Affairs
Govt. of India

ITEC Course on
“Crypto Currency Investigation”
for Sri Lanka Police
From 16.02.2026 to 27.02.2026

Week-1

Date/Day	1000-1120 Hrs.		1130-1250 Hrs.		1400-1520 Hrs.		1530-1650 Hrs.
			Module-1		Module-2		Module-3
16.02.2026 Monday	Registration Pre-Test CDTI, Jaipur Movie and Inauguration	T E A B R E A K	Introduction to Digital Currencies - What are crypto currencies? - Distinction between fiat, digital and crypto currencies. - Common terminology: Block chain, wallet, private key, public key, transaction, hash. - The decentralized concept and its implications for LA. Speaker:	L U N C H B R E A K	Understanding Block Chain Technology - How Block Chain Works. - The immutability of the block chain and its role as evidence. - Practical demonstration. - Block Chain.com for Bitcoin, Etherscan for Ethereum. Speaker:	T E A B R E A K	Crypto Currency Wallets and Transaction - Types of Wallets. - How transaction are initiated and broadcast. - Understanding transaction (UTXO Model vs. Account-based model. - Hands-On Speaker:
17.02.2026 Tuesday	Module-4 Scams and Frauds - Types of Crypto Scams - Social Engineering tactics used by fraudsters. - Case Study		Module-5 Ransom ware and Cyber Extortion - How ransom ware attacks are conducted using crypto currency. - Best practices for victims and investigators of ransomware. Speaker:		Module-6 Money Laundering & Illicit Financing - Why criminal use crypto for money laundering. - The layering process in crypto money laundering. - Mixers, tumblers, and other obfuscation techniques. Speaker:		Module-7 The Dark Web & Illicit Marketplace - Understanding the Dark Web. - Common illicit activities on Dark Web marketplace. - Investigative challenges of Dark Web operation. Speaker:

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18.02.2026 Wednesday	Module-8 Preservation of digital evidence - First responder actions for scenes involving digital devices. - Importance of Chain custody for crypto related evidence. - Locating evidence of wallets on devices i.e. (wallet files, browser history) Speaker:	T E A B R E A K	Module-9 Locating and securing Crypto currency Assets. - Searching for private keys and recovery seeds on physical devices. - Strategies for obtaining private keys from suspects. - Practical demonstration: backing up a wallet file on a secure device. Speaker:	L U N C H B R E A K	Study Tour (Visit)		
19.02.2026 Thursday	Module-10 Understanding Block Chain Forensics - What is “on-chain” analysis? - Why is Bitcoin is pseudo-anonymous” not anonymous.” - Introduction to Block Chain intelligence platforms (e.g. Chain analysis, Elliptic, TRM Labs. Speaker:		Module-11 Block Chain Explorer in Detail - Advanced use of public explorers to trace basic transactions. - Analyzing transaction inputs and outputs. - Practical exercise: Tracing a simple transaction from one address to another using a public explorer. Speaker:		Module-12 The Concept of Clustering and Attribution - How investigators link multiple addresses to a single entity - Role of exchanges, mixers, and other services in clustering. - Attribution: identifying a wallet's owner (e.g., a known exchange, a dark net market) Speaker:	T E A B R E A K	Module-13 De-anonymization Techniques - Using open-source intelligence (OSINT) to link crypto addresses to real-world identities. - Analyzing social media, forum posts, and other online data. - Case studies of successful de-anonymization. Speaker:

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20.02.2026 Friday	Module-14		Module-15		Module-16		Module-17
	Advance Tracing & Analysis - How mixers and tumblers work. - Specific techniques and software used to "unmix" transactions. - Challenges posed by privacy coins (e.g., Monero, Zcash).	TEABREAK	Tracing Funds Across Block chains - Understanding cross-chain transfers and decentralized exchanges. - Practical exercise: Tracing a transfer from Bitcoin to another crypto currency.	LUNCH BREAK	Visualizing the Money Trail - Introduction to graph analysis and visualization tools. - How to create and interpret network diagrams of transactions. - Identifying key nodes and transaction patterns.	TEABREAK	Using Commercial Block chain Intelligence Platforms - Case studies and demonstrations of these tools in action. - Discussion on the process of acquiring and using such tools in a police department.
	Speaker:		Speaker:		Speaker:		Speaker:

Week-2

Date/Day	1000-1120 Hrs.		1130-1250 Hrs.		1400-1520 Hrs.		1530-1650 Hrs.
23.02.2026 Monday	Module-18		Module-19		Module-20		Module-21
	The Role of Centralized Exchanges (CEXS) - Understanding CEXs (e.g., Binance, Coinbase) and their function. - Know Your Customer (KYC) and Anti-Money Laundering (AML) regulations. - How law enforcement can obtain user data from exchanges.	TEABREAK	Legal Process for Obtaining Data Issuing subpoenas and warrants for exchange data - International cooperation: Mutual Legal Assistance Treaties (MLATs) with other countries. LR. - Challenges with non-compliant or offshore exchanges.	LUNCH BREAK	Decentralized Finance (DeFi) - What is DeFi and how does it work? (e.g., Uniswap, Aave). - Challenges of investigating DeFi-related crimes. - Tracing transactions on DeFi protocols.	TEABREAK	Peer-to-Peer (P2P) Transactions - Investigating P2P exchanges and local P2P markets. - The role of social media and forums in P2P transactions. - Case studies of P2P scams and how to investigate them.
	Speaker:		Speaker:		Speaker:		Speaker:

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24.02.2026 Tuesday	Module-22 Mobile Device Forensics - Identifying and extracting crypto currency wallet data from mobile devices. - Searching for wallet apps and related data. - Securing a mobile device for forensic analysis. Speaker:		Module-23 Computer Forensics - Searching for wallet files and browser history on desktop computers. - Analyzing hard drives and SSDs for signs of crypto activity. - Recovering deleted data and analyzing metadata. Speaker:		Module-24 Internet and Cloud Forensics - Obtaining data from internet service providers (ISPs). - Analyzing IP addresses and server logs. - Using cloud warrants getting data from cloud providers (e.g., Google Drive, iCloud). Speaker:		Module-25 Cyber Crime Scene Management - Step-by-step procedure for managing a crime scene involving digital assets. - Coordination with digital forensic specialists. - Mock crime scene exercise involving crypto evidence. Speaker:
	Module-26		Module-27				
25.02.2026 Wednesday	Building a Case for Prosecution - Linking on-chain evidence to off-chain evidence (e.g., witness statements, bank records). - Preparing a comprehensive and easy-to-understand report for prosecutors. - The role of the lead investigator and the forensic specialist. Speaker:		Expert Testimony - Qualifying as an expert witness in crypto currency investigations. - Presenting complex technical information in a simple and compelling manner. - Role-playing exercise: mock court testimony. Speaker:		Study Tour (Visit)		

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26.02.2026 Thursday	Module-28 Hands-on with Block chain Tools - Guided exercises using a live block chain explorer to trace complex transaction paths. - Problem-solving scenarios with real-world transaction data. Speaker:		Module-29 Mock Investigation Scenario-1 - Introduction to a simulated case: a local ransomware attack. - Participants are given initial clues (e.g., a wallet address, a message). - Group work: developing an investigative plan based on the first clues. Speaker:		Module-30 Mock Investigation Scenario-2 - Continuation of the mock case. - Teams perform on-chain analysis and data correlation. - Uncovering new leads and identifying suspects. Speaker:		Module-31 Mock Investigation Scenario - Presenting the findings of the mock investigation. - Discussion on the challenges faced and the effectiveness of the chosen methods. - Critique and feedback session. Speaker:
	Module-32		Module-33				
27.02.2026 Friday	Emerging Trends in Crypto Crime - The use of NFTs (Non-Fungible Tokens) in crime - Artificial intelligence and deep fakes in scams. - New privacy-enhancing technologies and their impact on investigations. Speaker:		Policy and Future Frameworks - Discussion on the need for a national crypto legal and regulatory framework in Sri Lanka. - Recommendations for policy changes. - Future-proofing police training for crypto investigations. Speaker:		Course Overview Question & Answer (Post-test) Feedback Certifications and Valediction		

Course Coordinator:
Course Inspector:
Course Assistant:
Course Assistant (DEO):

Vice Principal