



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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Types of Crypto Scams Social Engineering tactics used by fraudsters. Case Study 		Module-5 Ransom ware and Cyber Extortion <ul style="list-style-type: none"> How ransom ware attacks are conducted using crypto currency. Best practices for victims and investigators of ransomware. Speaker:		Module-6 Money Laundering & Illicit Financing <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> How mixers and tumblers work. Specific techniques and software used to "unmix" transactions. Challenges posed by privacy coins (e.g., Monero, Zcash). Speaker:	T E A B R E A K	Tracing Funds Across Block chains <ul style="list-style-type: none"> Understanding cross-chain transfers and decentralized exchanges. Practical exercise: Tracing a transfer from Bitcoin to another crypto currency. Speaker:	L U N C H B R E A K	Visualizing the Money Trail <ul style="list-style-type: none"> Introduction to graph analysis and visualization tools. How to create and interpret network diagrams of transactions. Identifying key nodes and transaction patterns. Speaker:	T E A B R E A K	Using Commercial Block chain Intelligence Platforms <ul style="list-style-type: none"> Case studies and demonstrations of these tools in action. Discussion on the process of acquiring and using such tools in a police department. Speaker:

Week-2

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23.02.2026 Monday	Module-18		Module-19		Module-20		Module-21
	The Role of Centralized Exchanges (CEXS) <ul style="list-style-type: none"> 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. Speaker:	T E A B R E A K	Legal Process for Obtaining Data Issuing subpoenas and warrants for exchange data <ul style="list-style-type: none"> International cooperation: Mutual Legal Assistance Treaties (MLATs) with other countries. LR. Challenges with non-compliant or offshore exchanges. Speaker:	L U N C H B R E A K	Decentralized Finance (DeFi) <ul style="list-style-type: none"> What is DeFi and how does it work? (e.g., Uniswap, Aave). Challenges of investigating DeFi-related crimes. Tracing transactions on DeFi protocols. Speaker:	T E A B R E A K	Peer-to-Peer (P2P) Transactions <ul style="list-style-type: none"> 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:

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24.02.2026 Tuesday	Module-22 Mobile Device Forensics <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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