Contents of proposed ITEC Course on Cyber Crime Investigation & Cyber Forensics at CBI Academy, Ghaziabad, India

Day 1
- Introduction to Cyber Crime recent trends, challenges faced by the IOs
- Fundamentals of Computer System & Data Storage Devices

Day 2
- Preparation of Forensic workstation and Digital storage devices
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- Installation of Forensic tools for Cyber Crime Incident response
- Maintaining Integrity of Electronic Evidence
- Hashing Techniques
- Removal of Hard Disk

Day 3
- Incident Response considerations
- ACPO Guidelines
- Collection & Analysis of Volatile Data
- Creating Forensic Image of secondary storage device

Day 4

- Good practices for search and Seizure of Mobile Device and it's repositories
- Latest Forensic Tools
- Computer Network (Type of Network, Public IP, Private IP, MAC, Proxy, VPN etc.)
- Investigation of cyber crime cases involving Computer Network

Day 5

- Cyber Crime Investigation using Open Source Intelligence
- Overview of Darkweb & Crypto-currency
- Investigation of Crypto-currency related crimes
- Valedictory session