



**Time Table for FDP on
Cryptography and Network Security
(Contact Mode)**

(From 24/11/2025 to 28/11/2025)

OPlan No. CSE-3

Organized by Computer Science & Engineering Department

at

NITTTR, Chandigarh

DATE	10:00 AM to 11:30 AM		12:00 AM to 1:30 PM		2:30 PM to 4:00 PM
24/11/2025 (Monday)	Registration / Inauguration	T E A B R E A K	Role of Cryptography in securing Cyber space	L U N C H B R E A K	Malware Analysis Through Reverse Engineering Techniques
25/11/2025 (Tuesday)	Advanced Malware Detection Using MLP and LLMs		Cyber Crime Scenario – Case studies		Tools for Cyber crime investigation
26/11/2025 (Wednesday)	Symmetric Key Cryptography: Case Study of AES		Diffie Hellman Key Exchange Algorithm &		Asymmetric Cryptography Technique: Case Study of RSA
27/11/2025 (Thursday)	Hashing Techniques-MD5, SHA-1		Hands-on : Implementation of Firewall		Hands-on : Implementation of IDS (Intrusion Detection System) & Demo of Trojan Horse
28/11/2025 (Friday)	Cyber Law & IT Act: Case Study		Demonstration of High-Risk Security Vulnerabilities in Web Application		Feedback & Valediction (CRK/AS)

Course Coordinators: CRK: Dr. C. Rama Krishna, AS: Er.Amrendra Sharan, CSE Dept., NITTTR Chandigarh

Resource Persons

Dr. C Rama Krishna, Professor, CSE Department, NITTTR Chandigarh

Dr. Mala Kalra, Assistant Professor, CSE Department, NITTTR Chandigarh

Sh. Gurcharan Singh, Faculty, CDTI, Bureau of Police R & D, Chandigarh

Er. Vipin Gupta, Director, U-Net Solution Moga, Punjab

Advocate Roopa Khatri, Advocate, Punjab & Haryana High Court Chandigarh

Dr. Shweta Sharma, Assistant Professor, CSE Dept. NIT Kurukshetra