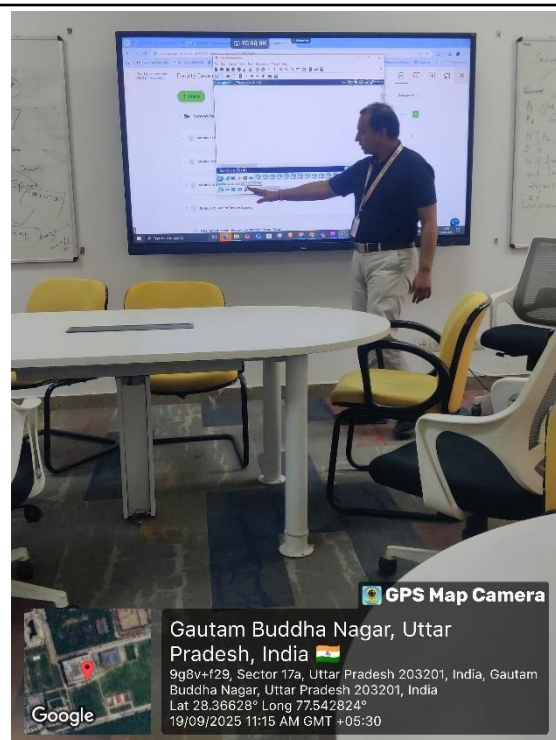


Event Report

Title of Activity*	Faculty Development Program
Organized by (School/Centre Name) *	School of Computer Applications & Technology
Program Theme*	<i>“Network Security: Concepts, Tools & Hands-on Practice” by CISCO</i>
Date*	18 th -22 nd September 2025
Time*	9 am to 4 pm
Poster*	
YouTube/Facebook Link: <i>(if live steamed or video posted on FB/YT)</i>	NA
Social media link <i>(promoting in any one Facebook/Instagram/Twitter is mandatory)</i>	https://netacad.webex.com/netacad/j.php?MTID=m6001f1ca8ac1334e755dc4543d3bf4b8
No. of Students* <i>(only no. to be written, list in excel or word should be maintained at department level as proof for any further requirement)</i>	0
No. of Faculty* <i>(only no. to be written, list in excel or word should be maintained at department level as proof for any further requirement)</i>	54
No. of External Participants (students+faculty) <i>[write NA if not applicable]</i>	NA

(Geotag) Photograph-1*



(Geotag) Photograph-2



Description (min 250 to max 800 words)*

Galgotias University, under the School of Computer Applications and Technology (SCAT), organized a Faculty Development Program on “*CISCO Network Security: Concepts, Tools & Hands-on Practice*” from 18th -22nd September, 2025 at C-Block, Room No. 101

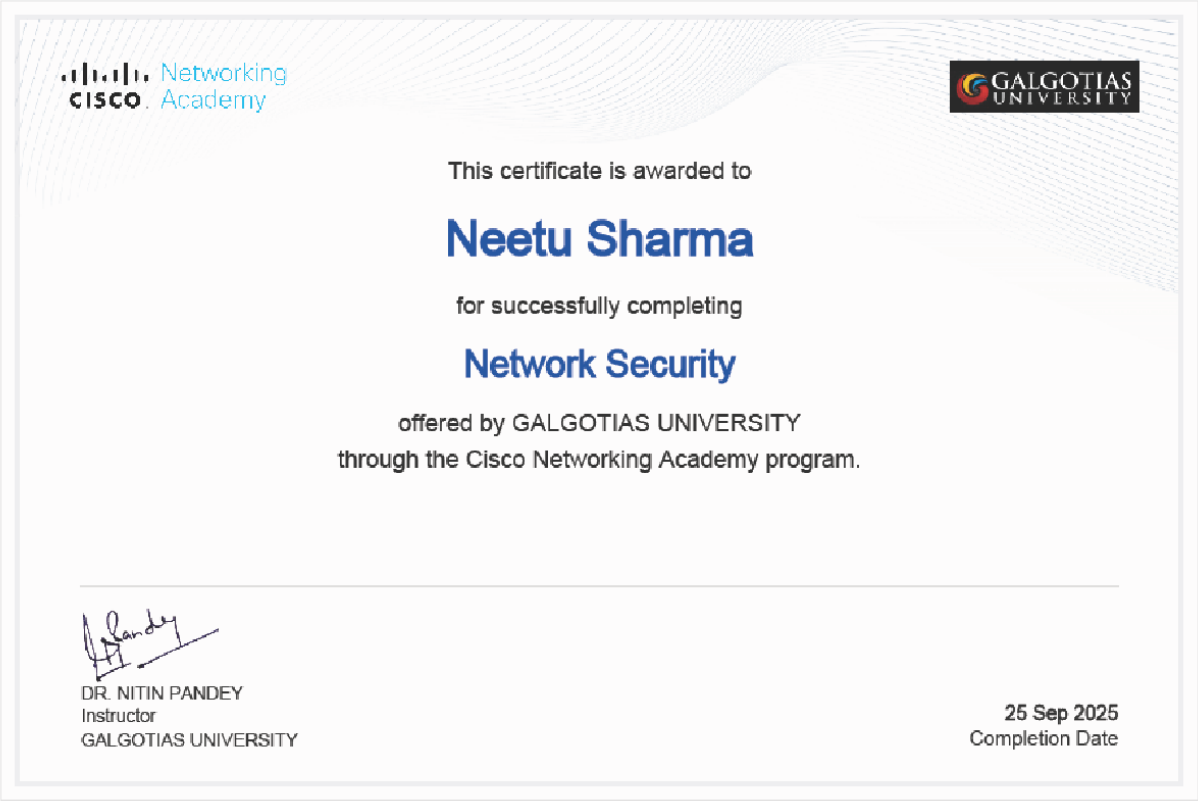
The objectives of this FDP were:

- To familiarize faculty with the fundamentals and advanced concepts of **network security** using Cisco technologies.
- To enhance faculty capability in teaching **firewalls, VPNs, IDS/IPS, and secure network design.**

	• To provide hands-on exposure through Cisco Packet Tracer, GNS3, and Cisco NetAcad Labs. Topics Covered The program comprised various sessions, including theoretical explanations and hands-on lab sessions using tools like Cisco Packet Tracer and potentially other Cisco security products (e.g., ASA firewalls, AMP for Endpoints). Securing Networks (Modules 1–4) • Principles of Network Security (CIA Triad, Threats, Attacks) • Cisco Secure Architecture and Defense-in-Depth • Router and Switch Security Basics • Device Hardening (SSH, SNMPv3, Strong Passwords) • Configure basic router security, SSH, and strong authentication Monitoring and ACLs (Modules 5–10) • Syslog, SNMP, NetFlow • Device Monitoring & Management Lab: Configure Syslog & SNMP monitoring in Packet Tracer • Standard & Extended ACLs • Securing Traffic Flow • Firewall Types, Cisco IOS Zone-Based Firewall • Role of ASA Firewalls • Lab: Implement ACLs and basic firewall rules Intrusion Prevention & Endpoint Security (Modules 11–14) • IDS vs IPS • Configuring basic intrusion prevention policies Lab: Detect malicious traffic using Cisco Packet Tracer IDS simulation • Switch Attacks (MAC Flooding, DHCP Snooping, ARP Spoofing) • Mitigation Techniques • Antivirus, Host Firewalls, NAC (Network Access Control) Lab: Configure switch security (Port Security, DHCP Snooping) Cryptography & VPNs (Modules 15) • Symmetric & Asymmetric Encryption • Hashing, Digital Signatures, PKI
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	Case Study Discussion: Real-world use of TLS/SSL in secure communication • Site-to-Site VPNs (IPSec) • Remote-Access VPNs (SSL VPNs) Lab: Configure a Site-to-Site VPN using Packet Tracer • Emerging threats and Cisco's role in securing enterprises ASA Firewalls & Capstone Project (Modules 20–22) • ASA Basics, NAT, Access Rules, VPN integration Lab: Configure ASA for NAT, ACLs, and VPN access • FDP Participants work in teams to design and configure a Secure Campus Network (integrating ACLs, VPNs, IDS/IPS, ASA) • Post-test & Reflection • Sharing of Mini Project solutions • Feedback & Certificate Distribution Closing Ceremony /Valedictory Session The feedback from the participants was overwhelmingly positive, highlighting the practical utility of the hands-on sessions and the expertise of the resource persons. Faculty members expressed increased confidence in teaching complex network security topics and implementing security labs for their students. The FDP successfully achieved its goal of enhancing faculty skills in a critical and evolving domain. Certificate are distributed to all the participants after successfully completing modules of assignments on the topic.
Attendance Sheet*	Attached at the end of Report
Report Submitted by <i>(write faculty coordinator name)</i>	Dr. Neetu Sharma (Co-Convener)

SAMPLE CERTIFICATE



ATTENDANCE SHEET

FACULTY DEVELOPMENT PROGRAM BY CISCO(NETWORK SECURITY)

ATTENDANCE SHEET

S.No.	FIRST NAME	LAST NAME	18-09-2025	19-09-2025	20-09-2025	21-09-2025	22-09-2025
1	VIRENDRA PAL	SINGH					
2	Dr. Neha	Thakur					
3	Dr. ROHIT KUMAR	GUPTA					
4	RANJEETA	MITTAL					
5	Karthigai Selvi	S					
6	Manish	rapole					
7	Mr. Deep Kumar	Singh					
8	Mr. Vikas	Yadav					
9	Dr. Amit Kumar	Pandey					
10	sanjay	kumar					
11	Sudeept	Singh Yadav					
12	MUHAMMAD	FAISAL					
13	Mr. Saket	Thakur					
14	Sonia	Rani					
15	Neetu	Sharma					
16	Akhilesh	Kumar Singh					
17	Dr. Krishan Veer	Singh					
18	Dr. Swati	Singh					
19	Dr. Anurag	Gupta					
20	Dr. Sunita	Rani					
21	Ms.	Aishwarya					
22	Dr. Azath Mohamed	Hussain					
23	Dr. Sarita	Simaiya					
24	Ms. Priya	Chauhan					
25	Mr. Sunil Kumar	Chowdhary					
26	Dr. Shivani	Joshi					

27	Dr. RAJAT	KUMAR	P	P	P	P	P
28	Dr. Raju	Kumar	P	P	P	P	P
29	Mr. Abhishek Kumar	Agrahari	Abh	Abh	Abh	Abh	Abh
30	Dr. D. Salangai	Nayagi	P	P	P	P	P
31	Ravi	.	P	Ravi	P	Ravi	Ravi
32	Mr. Maneesh	Pant	P	P	P	P	P
33	Mr. Amit Kumar	Srivastava	P	P	P	P	P
34	Mr. Mandeep	.	P	P	P	P	P
35	Dr. Sunil	Kr. Maakar	P	P	P	P	P
36	Dr. Akhilendra	Kumar Khare	Ak	Ak	Ak	Ak	Ak
37	Vinay Kumar	Sharma	Vin	Vin	Vin	Vin	Vin
38	Dr. Arvind	kumar	Ar	Ar	Ar	Ar	Ar
39	Abhishek	Suraj	P	P	P	P	P
40	Dr. Sanjiv	Sharma	San	San	San	San	San
41	Mr. Nilotpal	Pathak	Nil	Nil	Nil	Nil	Nil
42	Dr. Abhishek Kumar	Pandey	P	P	P	P	P
43	Alok	Katiyar	P	P	P	P	P
44	Dr. Karpaga	Selvi. S	P	P	P	P	P
45	Mr. Mujaffar	Husain	Muj	Muj	Muj	Muj	Muj
46	Dr. Raju	Ranjan	Raj	Raj	Raj	Raj	Raj
47	Ms.	Monika	Mon	Mon	Mon	Mon	Mon
48	Sanjeev Kumar	Prasad	San	San	San	San	San
49	Ms. Ranjeeta	Mittal	Ran	Ran	Ran	Ran	Ran
50	Dr. Nripendra	Dwivedi	P	P	P	P	P
51	Dr. Vineeta	Khemchandani	Vine	Vine	Vine	Vine	Vine
52	Ms. Anima	Srivastava	Ani	Ani	Ani	Ani	Ani
53	SUMAN	DEVI	P	P	P	P	P
54	Dr Ajeet	Singh	P	P	P	P	P