National Institute of Technical Teachers Training and Research, Chandigarh

Department of Computer Science and Engineering

TAC No.	ICT-4
Name of the Course	Zero Trust Cloud Security in Collaboration with Zscaler Inc. (18.05.2026 – 22.05.2026)
Course Outcomes	➢ Understand the fundamental concepts of Networking, Cybersecurity and Zero Trust Architecture ➢ Hands-on experience of Zero-Trust Cloud Security
Course Contents	➢ Cybersecurity Overview ➢ Cybersecurity Threat Landscape ➢ Cyber Safety And Security Models ➢ An Overview of Zero Trust and Zero Trust Architecture ➢ Section 1 - Verify, Identity and Context ➢ Section 2 - Control Content and Access ➢ Section 3 - Enforce Policy ➢ ZTCA Exam ➢ Mod 1: Zero Trust Exchange Overview ➢ Mod 2: Quick Start Guide LAB Environment ➢ Lab 0: Connecting to the Virtual Lab ➢ Lab 1: Verify No Protection ➢ Mod 3: Identity Services ➢ Mod 4: Basic Connectivity ➢ Lab 2: ZIA User Authentication - SAML with Microsoft Azure Active Directory ➢ Lab 3: ZIA SCIM Authorization ➢ Lab 4: ZPA User Authentication - SAML with Microsoft Azure Active Directory ➢ Mod 5: Platform Services ➢ Lab 5: ZPA SCIM Authorization ➢ Mod 6: Digital Experience ➢ Lab 6: Traffic Forwarding: Zscaler Client Connector ➢ Mod 7: Access Control ➢ Lab 7: Policy: SSL Inspection ➢ Mod 8: Cyber Security Services ➢ Lab 8: Policy: Configuring Access Control Policies ➢ Mod 9: Basic Data Protection Services ➢ Lab 9: Provision ZPA Infrastructure ➢ Mod 10: Basic Troubleshooting & Support ➢ Lab 10: Add an Application ➢ Lab 12: Configure Corporate Applications ➢ Lab 13: Configuring Cloud Applications Monitoring Note: Contents will be taught by experts from Zscaler Inc.
Name of Course Coordinators with E-mail ID & Contact Number	Dr. Mala Kalra Contact No 0172-2759737 Email Id- malakalra@nitttrchd.ac.in Prof. C. Rama Krishna Contact No 0172-2759670/769 Email Id- rkc@nitttrchd.ac.in