

National Institute of Technical Teachers Training and Research, Chandigarh

Department of Computer Science and Engineering

TAC No.	ICT-35
Name of the Course	Zero Trust Cloud Security in Collaboration with Zscaler Inc. (12.10.2026 – 16.10.2026)
Course Outcomes	<ul style="list-style-type: none"> ➤ Understand the fundamental concepts of Networking, Cybersecurity and Zero Trust Architecture ➤ Hands-on experience of Zero-Trust Cloud Security
Course Contents	<ul style="list-style-type: none"> ➤ 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 <p>Note: Contents will be taught by experts from Zscaler Inc.</p>
Name of Course Coordinators with E-mail ID & Contact Number	<p>Dr. Mala Kalra Contact No 0172-2759737 Email Id- malakalra@nitttrchd.ac.in</p> <p>Prof. C. Rama Krishna Contact No 0172-2759670/769 Email Id- rkc@nitttrchd.ac.in</p>