ACTIVE CYBER DEFENSE: FROM RANSOMWARE DETECTION TO AUTONOMOUS CONTAINMENT

10, 11 February 2026

▶▶▶ 2 DAYS CYBER DEFENSE HANDS-ON WORKSHOP ◀◀◀

This workshop provides practical insight into detecting and containing ransomware attacks using SIEM and network isolation techniques. Through guided simulations and real-world scenarios, participants will understand ransomware behavior, detection mechanisms, and automated response methods that help reduce impact and strengthen incident response capabilitie.

WORKSHOP OBJECTIVES

- Understand modern ransomware attack techniques and defense strategies
- Learn proactive threat detection using automated security systems
- Prevent lateral movement within enterprise networks
- Implement autonomous containment and incident response mechanisms
- Apply hands-on skills through practical labs and real-world scenarios

ABOUT SPEAKER

With over 9 years of experience, **Muhammad Sajid** works in Cybersecurity, DevOps, DevSecOps and Big Data. He leads projects that focus on secure automation and data-based systems, bringing together development, operations, and security to build strong digital platforms.

REGISTRATION DEADLINE

05 February, 2026

REGISTRATION FEE

Students = Rs. 4000
Faculty/Professionals = Rs. 10000

Collaborations & Academic Activities Directorate (CAAD)
National Centre for Physics,
Shahdra Valley Road, Islamabad, Pakistan
Tel: +92 51 2077348, +92 51 2077333
Fax: +92 51 2077395
www.ncp.edu.pk

For Online Registration
www.ncp.edu.pk/ransomeware-2026.php