STATE INSTITUTE OF TECHNICAL TEACHERS TRAINING & RESEARCH

Department of Technical Education, Government of Kerala

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SITTTR/132/2026-P2 Training Section 07-11-2026

CIRCULAR

A five day Faculty Development Program(offline) on "CYBERSECURITY & ETHICAL HACKING" has been scheduled to be conducted by Department of Computer Engineering, Government Womens Polytechnic College Thrissur jointly with SITTTR Kalamassery and National Institute for Electronics & Information Technology (NIELIT), Calicut from 30.11.2026 to 04.12.2026 at Government Womens Polytechnic College, Thrissur for all faculty and supporting staff of Computer Engg. and allied branches of Govt./Aided/ Government cost sharing Polytechnic Colleges.

Principals are directed to circulate this among the staff members. All interested faculties may be informed to register through sitttrkerala.ac.in before 24.11.2026

The course contents may include and is not limited to:

- Introduction to Cyber security, Cyber Law in India, Virtulization and Basic Linux Commands
- Server Administration, FTP, Domain Concepts, File Permissions, File Encryption, Networking (IPv4/IPv6), IIS, Apache, AAA Concepts and VLAN.
- Ethical Hacking Phases, Footprinting and Scanning Tools: Recon-ng, Nmap, WHOIS, NSLookup and Google Dorking
- Network Traffic Analysis using Wireshark and Practical Network Security Exercises
- Cyber Threats and Attacks, Metasploit Framework, Types of Malware and Malware Analysis
- Cryptography and password Attack Tools : John the Ripper and Hydra; WiFi Penetration Testing
- Web application Security, OWASP, IIS and Apache Authentication and Practical Penetration Testing in a Controlled Environment

BINDU RAJ

JOINT DIRECTOR

Copy to : Principal of Govt./ Aided/Govt cost-sharing Polytechnic Colleges

Digitally signed by
Bindu Raj
Date: 07-11-2026
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