

Cybersecurity Intelligence & Ethical Hacking Practices

May 4 - 15, 2026 (Online Live Streaming)

About EICTA, Consortium

EICTA Consortium is a joint initiative of Ministry of Electronics and information Technology (MeiTY) and IITs, NITs and IIITs under the “Scheme of Financial Assistance for Setting up of Electronics and ICT Academies”.

EICT Academies of IIT Kanpur, MNIT Jaipur, NIT Patna, and IIITDM Jabalpur are organizing a joint faculty development Programme on “Cybersecurity Intelligence & Ethical Hacking Practices” scheduled to be conducted from **4th May to 15th May 2026**.

Registration Open to

Faculty, PhD Scholars, Professionals and Students

Principal Coordinators:

- Prof. B V Phani, IIT Kanpur
- Prof. Dinesh Tyagi, MNIT Jaipur
- Prof. M. P. Singh, NIT Patna
- Prof. Shyam Singh Rajput, NIT Patna
- Prof. Aparajita Ojha, PDPM IIITDM Jabalpur

Course Objectives

To provide a comprehensive foundation in cybersecurity intelligence and ethical hacking practices, covering core networking, system security, threat analysis, and defensive strategies, along with hands-on exposure to tools and techniques for identifying, assessing, and mitigating security vulnerability in modern computing environments.

Course Outcomes

- ❖ Understand fundamental concepts of networking, operating systems, and cybersecurity frameworks.
- ❖ Perform basic reconnaissance, network scanning, vulnerability assessment using standard tools.
- ❖ Identify and analyze common cyber threats including malware, phishing, and system/web vulnerabilities.
- ❖ Apply security practices across wireless, cloud and enterprise environments, including SOC operations and incident response.
- ❖ Demonstrate hands-on cybersecurity skills

Course Curriculum

Module 1: Foundations & Environment Setup

Module 2: Information Gathering & Intelligence

Module 3: Ethical Hacking Practices

Module 4: Cybersecurity Intelligence & Défense

Module 5: Recent Trends in Cybersecurity & Defense in Generative AI Era

Registration Link:

<https://forms.gle/1qUfCKCW89aRxNY27>

Beneficiary Name: PDPM IIITDM
Jabalpur

Bank Name: INDIAN BANK

A/C No.: 50018692852

IFSC Code: IDIB000M694

Last Date: May 02, 2026



QR CODE



₹500 (Incl. GST)
Fee



Online
Mode of delivery



40 Hrs
Course Duration



May 4
Start Date



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