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LAW UNIVERSITY, PATNA**

"ज्ञानधनं महद्भनम्" - Knowledge is the supreme wealth.

A Premier National Law University (Established by Act No. 24 of 2006)

In Collaboration with



CENTRE FOR DEVELOPMENT OF
ADVANCED COMPUTING

**CNLU - CDAC
INITIATIVE**



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EXCELLENCE



TECHNOLOGY
LEADERSHIP



FUTURE
READY

ADVANCED CERTIFICATE PROGRAMME IN

CYBER SECURITY & DIGITAL FORENSICS

(BLENDED MODE)

KNOWLEDGE, SKILLS, CYBER SECURITY AND CYBER CRIME INVESTIGATION
BUILDING THE NEXT GENERATION OF CYBER PROFESSIONALS.



DURATION
30 Days
05 Weekends



SCHEDULE
Weekends
(Saturday & Sunday)

**PROGRAMME
DATES**

**NOVEMBER 21, 2026
TO
DECEMBER 20, 2026**

A future-ready programme for the next generation of
Cyber Law, Cyber Security and Digital Forensics
professionals.

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IS RECOMMENDED**



**CENTRE FOR DEVELOPMENT OF
ADVANCED COMPUTING (C-DAC), PATNA**



Premier R&D Organisation
of Ministry of Electronics
& Information Technology,
Govt. of India

Pioneering Advanced
Computing, Cyber Security
Solutions & Capacity
Building

Industry Relevant
Training by Expert
Professionals

CHANAKYA NATIONAL LAW UNIVERSITY, PATNA



Interdisciplinary
Learning & Research
Excellence

India's Premier
National Law
University

Commitment to
Justice, Ethics &
Nation Building

Nurturing Leaders
for a Digital &
Secure Future

WHY CHOOSE THIS PROGRAMME?



EXPERT FACULTY
Academicians,
Industry Experts &
Practitioners



HANDS-ON LEARNING
Live Virtual Labs
Practical Exercises
& Case Studies



JOINT CERTIFICATION
By CNLU, Patna
& C-DAC, Patna



DURATION
30 Days
05 Weekends
(Saturday & Sunday)



ENHANCE YOUR CAREER
High-Demand Skills
for a Secure Future



DUE DATE TO APPLY
NOVEMBER 17, 2026



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ADVANCED CERTIFICATE PROGRAMME IN CYBER SECURITY & DIGITAL FORENSICS

(BLENDED MODE)

1. Executive Summary

Cybersecurity has emerged as one of the most critical domains in national security, digital governance, financial systems, law enforcement, and business continuity. With increasing cyber threats, ransomware attacks, digital frauds, online financial crimes, attacks on critical infrastructure, and rapid digital transformation, there is an urgent need to build a workforce equipped with practical cyber defence and digital investigation skills.

To address this requirement, Chanakya National Law University (CNLU), Patna, through its Centre for Cyber Security & Digital Forensics (CSDFC), proposes to launch a 60-Hour/30 days Advanced Certificate Programme in Cyber Security & Digital Forensics in collaboration with the Centre for Development of Advanced Computing (C-DAC), Patna.

The programme integrates technical, legal, investigative, and governance perspectives and is designed to serve students, professionals, government officials, and law enforcement personnel.

2. Need for the Programme

India's rapidly expanding digital ecosystem has increased the demand for professionals who can secure systems, investigate cyber incidents, preserve digital evidence, and support cyber governance. Organisations across the public and private sectors require personnel with practical skills in cyber security, digital forensics, and cyber law.

This certificate programme seeks to bridge the gap between academic learning and industry requirements by combining classroom instruction with practical training.

3. Objectives

- Develop foundational and advanced competencies in cyber security.
- Build practical skills in digital forensic investigation.
- Introduce ethical hacking and vulnerability assessment methodologies.
- Train participants in cyber crime investigation techniques.
- Familiarize participants with Indian cyberlaws, privacy regulations, and digital evidence.
- Provide exposure to current cyber defence technologies.
- Enhance employability and professional competence in cybersecurity-related roles.

4. Target Participants

- Undergraduate and postgraduate students
- Law students
- Engineering and Computer Science students
- IT professionals
- Cyber security practitioners
- Police officers and investigators
- Prosecutors
- Judicial officers
- Government officials
- Faculty members
- Compliance, audit and risk professionals

5. Programme Details

**Programme Title:**

Advanced
Certificate Programme in Cyber Security
& Digital Forensics

**Duration:**

60 Hours/ 30 Days

**Delivery Mode:**

Hybrid (Offline + Online)
VILT(Virtual Instructor Led Training))

**Schedule:**

Saturdays & Sundays Only

**Contact Hours:**

6 Hours per Day

**Total Duration:**

5 Weekends (10 Days)

**Venue:**

CSDFC, Chanakya National
Law University, Patna

**Language:**

English / Hindi (Bilingual)

6. Batch Size

**Offline:**

45 Participants

**Online (Live):**

45 Participants

**Total Capacity:**

90 Participants

A balanced hybrid model ensures effective faculty interaction, laboratory access for offline participants, and wider outreach through live online participation.

7. Eligibility



Applicants should possess any one of the following:

- Graduate or undergraduate qualification in any discipline
- Professionals from government or industry
- Serving police personnel
- Judicial officers
- Faculty members
- Final-year students(subject to institutional norms)
- No prior programming experience is mandatory; however, basic computer literacy is recommended.

8. Learning Outcomes

On successful completion, participants will be able to:

- Explain cyber security concepts and threat landscapes.
- Conduct basic vulnerability assessments.
- Perform network reconnaissance and traffic analysis.
- Investigate cyber incidents using accepted forensic methodologies.
- Acquire, preserve, and analyse digital evidence.
- Use OSINT techniques for cyber investigations.
- Understand malware basics and incident response processes.
- Apply relevant Indian cyber laws and digital evidence principles.
- Prepare professional cyber investigation and forensic reports.

9. Course Structure

Module	Hours
Cyber Security Foundations	4
Networking & Network Security	8
Ethical Hacking & Penetration Testing	12
Malware Analysis & Incident Response Using Reverse Engineering	6
Digital Forensics	12
Cyber Crime Investigation & OSINT	6
Cyber Laws, Privacy & Governance Laws, ISO/IEC 27001 and DPDP Act	6
Capstone Exercise & Assessment	6
TOTAL	60

10. Practical Laboratory Sessions

Participants will receive guided practical exposure using:



Offline participants will complete hands-on laboratory exercises, while online participants will observe live demonstrations and participate in guided activities using freely available tools in a virtual lab environment.

11. Pedagogy

The programme adopts an experiential learning approach through:

- Expert lectures
- Hands-on laboratory exercises
- Live demonstrations
- Case studies
- Group discussions
- Gamified learning & Assessment
- Simulated cyber incident investigations
- Capstone project
- Continuous assessment

12. Evaluation Criteria

Evaluation	Weightage
Practical Exercises	10%
Assignments & Case Studies	30%
Capstone Project	30%
Final Assessment	30%

13. Certification

Participants who successfully complete the programme and secure 50% or more marks in the assessment will be awarded a Certificate in Advanced Cyber Security & Digital Forensics, jointly issued by Chanakya National Law University (CNLU), Patna, and the Centre for Development of Advanced Computing (C-DAC), Patna, subject to institutional approvals.

14. Fee Structure

Participation Mode	Amount
Offline Participant:	₹24,000
Online Live Participant:	₹18,000

The programme fee includes tuition, digital learning resources, practical sessions (where applicable), assessments, and certification.

15. Faculty

The programme will be delivered by a multidisciplinary team comprising:

- Faculty members of CNLU
- Experts from C-DAC
- Cyber security professionals from industry
- Digital forensics practitioners
- Law enforcement officers
- Cyber law specialists
- Guest experts from government agencies and academia

16. Infrastructure

CNLU will provide:

FACILITIES & SUPPORT



Smart classrooms



Computer laboratory



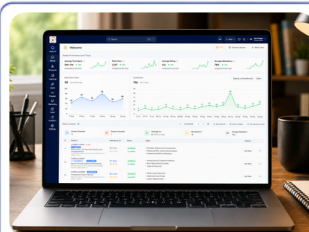
High-speed internet



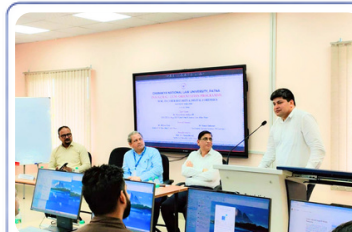
Digital forensic workstations (where available)



Audio-visual facilities



Learning management support



Administrative and technical coordination

17. Expected Outcomes

The programme is expected to:

- Strengthen cybersecurity awareness and practical capabilities.
- Develop industry-ready professionals.
- Support capacity building for government agencies and law enforcement.
- Foster interdisciplinary collaboration between technology and law.
- Enhance employability and professional development in cybersecurity, digital forensics, governance, and compliance.

18. Conclusion

The 60-Hour Advanced Certificate Programme in Cyber Security & Digital Forensics represents a collaborative initiative to build skilled professionals capable of addressing contemporary cyber security challenges. By integrating technical expertise, legal understanding, and practical investigation skills, the programme aims to contribute meaningfully to capacity building in India's digital ecosystem.

The collaboration between Chanakya National Law University, Patna and Centre for Development of Advanced Computing (C-DAC), Patna combines academic excellence with technical expertise, providing participants with a robust, practice-oriented learning experience aligned with current industry and public-sector needs.

CONTACT



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