CHANAKYA NATIONAL LAW UNIVERSITY, PATNA

"ज्ञानधनं महद्धनम्" - 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 - C-DAC INITIATIVE

ACADEMIC 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.

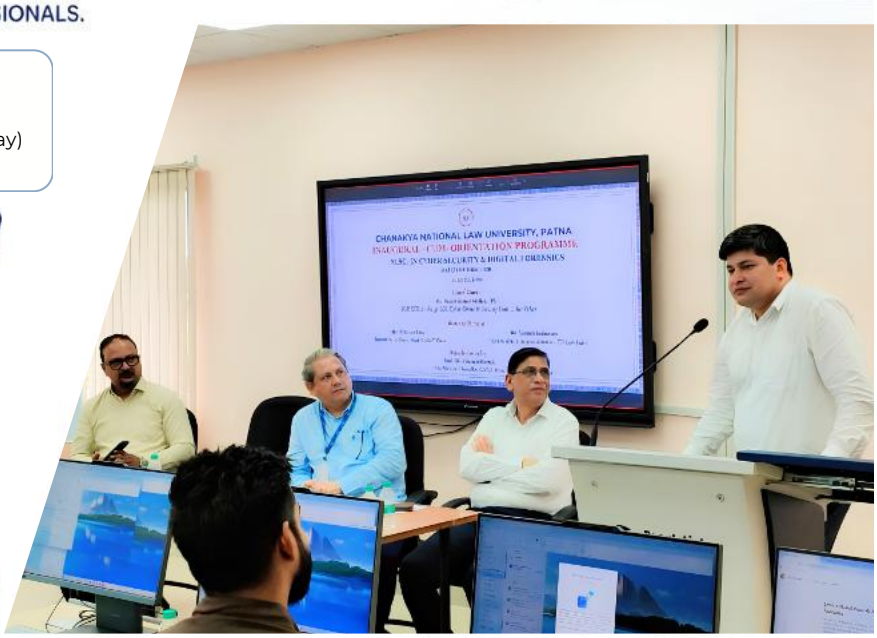
CYBER CRIME & SECURITY UNIT
— BIHAR POLICE —
GOVERNMENT OF BIHAR
LAW ENFORCEMENT PARTNER

- CNLU ACADEMIC EXCELLENCE
- C-DAC TECHNOLOGY EXPERTISE
- INDUSTRY RELEVANT CURRICULUM

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.

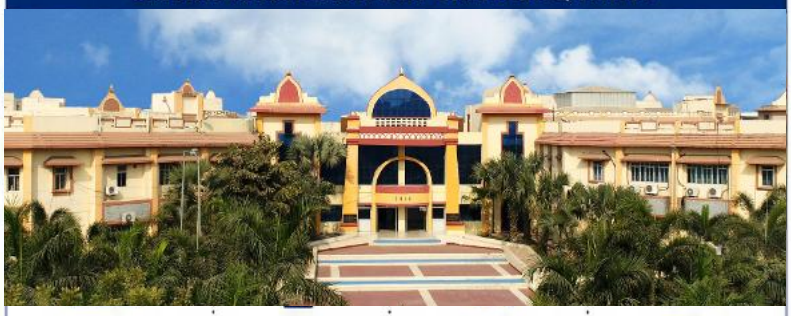
CLICK HERE TO APPLY

LIMITED SEATS APPLY NOW! | EARLY APPLICATION 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

LIMITED SEATS APPLY NOW!

SCAN TO APPLY
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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.

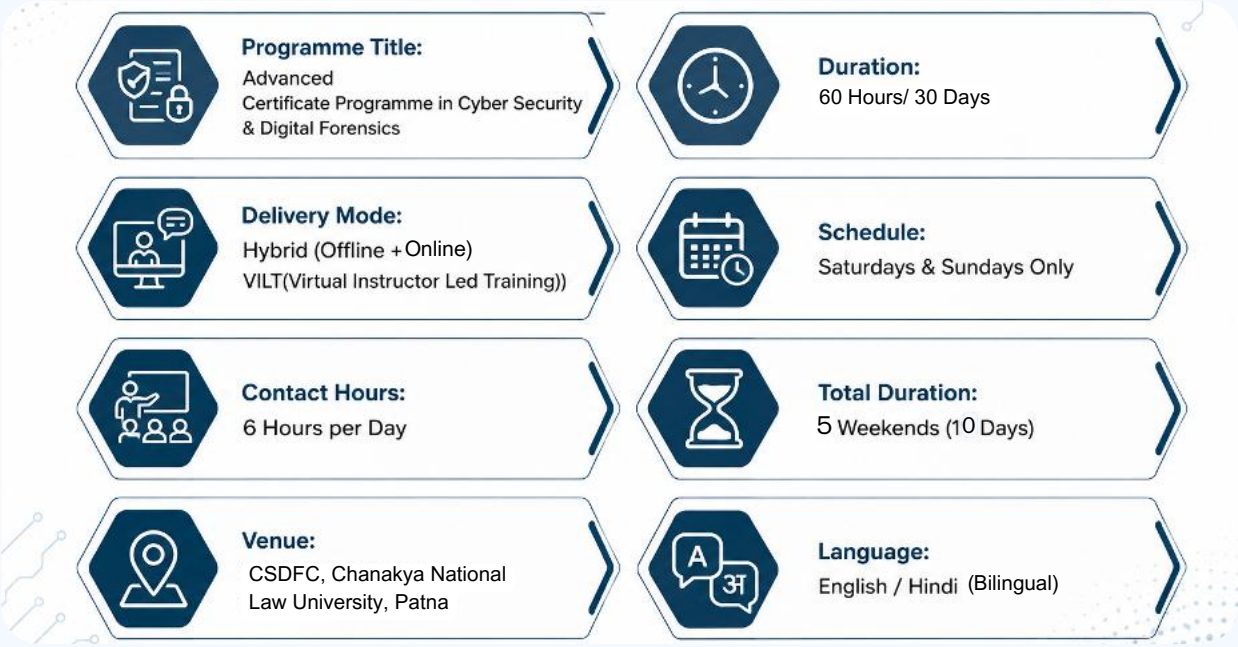
3. Objectives

- 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



6. Batch Size

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. Faculty / Domain Experts

Module	Hours	Faculty / Domain Experts
Cyber Security Foundations	4	Mr. Ritesh R Dhote, Scientist 'E', C-DAC
		Dr. Rajesh Kumar, CCSU Bihar Police
Networking & Network Security	8	Mr. Saket Kumar Jha, Scientist 'D', C-DAC
		Mr. Rajesh Gopal, CISSP, National Cybersecurity Scholar
Ethical Hacking & Penetration Testing	12	Mr. Shailendra Pratap Singh, Scientist 'C', C-DAC Information Security Service (ISS) Team, C-DAC
Malware Analysis & Incident Response Using Reverse Engineering	6	Mr. Rajesh Gopal, CISSP, National Cybersecurity Scholar
		Prof. B. Md Irfan, Director, CSDFC, CNLU Patna
Digital Forensics	12	Mr. Rammohan, SP Cyber Crimes, AP Police
		Prof. B. Md Irfan, Director, CSDFC, CNLU Patna
		Dr. Rajesh Kumar, CCSU Bihar Police
Cyber Crime Investigation & OSINT	6	Mr. Rammohan, SP Cyber Crimes, AP Police
		Prof. B. Md Irfan, Director, CSDFC, CNLU Patna
Cyber Laws, Privacy & Governance Laws, ISO/IEC 27001 and DPDP Act	6	Dr. Kumar Gaurav, Assistant Professor, CNLU Patna
		Dr. Sadaf Fahim, Assistant Professor, CNLU Patna
Capstone Exercise & Assessment	6	Mr. Saket Kumar Jha, Scientist 'D', C-DAC
		Mr. Rajesh Gopal, CISSP, National Cybersecurity Scholar
		Prof. B. Md Irfan, Director, CSDFC, CNLU Patna
TOTAL	60	

11. 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.

12. 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

13. Evaluation Criteria

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

14. 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.

15. 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.

16. 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

17. Infrastructure

CNLU will provide:

FACILITIES & SUPPORT

Smart classrooms

Computer laboratory

High-speed internet

Digital forensic workstations (where available)

Audio-visual facilities

Learning Management System

Administrative and technical coordination

All sessions shall be recorded and shall be available for future accessibility

18. 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.

19. 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

Chanakya National Law University, Patna
Nyaya Nagar, Mithapur, Patna – 800 001 (Bihar)

Website: www.cnlu.ac.in

For queries/clarification, please email:
registrar@cnlu.ac.in; csdfc@cnlu.ac.in

+91 7061523335

For more information, Scan the QR Code