Center for
Research Excellence in
National Security

certln
Enhancing Cyber Security in India
MeitY, Govt. of India

RAPIFUZZ™
Making Security Simple

FORTIFY YOUR FUTURE
Professional Development Course in Cybersecurity

Empowering Professionals with Cutting-Edge Skills

innovate achieve lead

Cyber threats are evolving rapidly, and there is a growing demand for skilled professionals to safeguard critical systems. The **Center for Research Excellence in National Security (CRENS)** at **BITS Pilani** in association with the **Indian Computer Emergency Response Team (CERT-In), Ministry of Electronics and Information Technology, Government of India,** presents a comprehensive Professional Development Course in Cybersecurity designed to equip middle and senior-level professionals with the expertise needed to navigate this complex landscape. This educational initiative is being launched in association with **RapiFuzz Limited** as a technology partner.

The 8-week Professional Development Course in Cybersecurity equips participants with the expertise to identify, mitigate, and respond to cyber

threats effectively across industries, including government, defense, and private enterprises by leveraging the latest concepts and systems used in the Cybersecurity field.

This program is designed to address cybersecurity challenges across all sectors. Whether you aim to enhance national cybersecurity resilience or strengthen your organization's security posture, the curriculum is tailored to provide both foundational and advanced cybersecurity skills applicable to real-world scenarios. Government and industry experts will deliver lectures on specialized topics and provide research guidance, equipping participants with practical cybersecurity strategies and policy insights applicable across various sectors and industries.

Course Highlights:

- **Comprehensive Curriculum:** Which covering the following key domains
  - Fundamentals of Cybersecurity
  - Cyber Threats and Vulnerabilities
  - Network Security (Firewalls, IDS/IPS, VPNs)
  - Secure Communication and Cryptography
  - Cybersecurity Policies and Legal Framework
  - Incident Response and Management
  - Advanced Topics in Cybersecurity

- **Hands-on Experience:** Get real-world exposure with live simulations by leveraging the latest technology tools like RapiFuzz™ CyberKshetra Cyber Range and interactive virtual labs.

- **Expert-Led Learning:** Gain insights from top academicians, industry veterans, and government cybersecurity professionals. Select sessions will include contributions from CERT-In experts, subject to mutual agreement.

- **Live Industry-Guided Project:** Work on real-world cyber threat scenarios to strengthen your practical knowledge.

- **Certificate:** Earn Prestigious Professional Development Course Certificate in Cybersecurity awarded by the Birla Institute of Technology and Science (BITS), Pilani, in association with Indian Computer Emergency Response Team (CERT-In).

- **Hybrid Learning Mode:** Online teaching classes, case studies, group discussions, capstone project presentation as well as hands-on labs with online simulation tools followed by an in-person feedback and valedictory session at BITS Pilani Hyderabad campus.

- **Career Advancement:** Equip yourself with the knowledge and skills to transition into or advance within cybersecurity roles
- **Expand Professional Network:** Connect with leading cybersecurity experts and fellow professionals of the field

Who Should Join?

This program is designed for Mid-to-senior-level professionals associated with:
- Government & Public Sector
- Defense & Law Enforcement
- Private Enterprises
- Professionals working in various roles, including but not limited to:
  - IT & Cybersecurity Teams
  - Public Utility Companies & Financial Services
  - Security Operations Centers (SOCs) & Threat Intelligence Teams
- Researchers and seasoned entrepreneurs looking to build cyber security products and services
- Individuals aspiring to build a career in these areas, even without prior cybersecurity experience may apply

No prior development or technical coding knowledge is required for this course

Relevance and Importance:

The increasing sophistication of cyber attacks poses a significant threat to national security. This program addresses this critical need by providing professionals with the skills and knowledge to:
- Proactively identify and mitigate cyber threats
- Develop and implement effective cybersecurity strategies
- Respond effectively to cyber incidents
- Understand the legal and regulatory landscape of cybersecurity
- Contribute to a stronger national security infrastructure.

PROGRAM DETAILS

Duration: 8 Weeks
Instructional Hours: 60 hours
Location: Online and
BITS Pilani, Hyderabad Campus

Certification type:
Professional Development
Course Certificate in Cybersecurity

Fees: For Professionals: Rs 30,000 (Incl 18% GST)

Payment

Upcoming Batch Start Date:
19th July 2025
Take the Next Step in Your Cybersecurity Journey!
Closing date for Registration:
5th July 2025

For Registration:
https://forms.gle/HsvdUa7moFcAZCKn6

For More Information please write to:
rama.mbm@hyderabad.bits-pilani.ac.in
amrita@hyderabad.bits-pilani.ac.in
pchopra@rapifuzz.com

Website: https://crens.bits-pilani.ac.in/home

Contact:
MRM Babu: 9440052010
Amrita Priyadarshinis: 9885591941
Prashant Chopra: 9711720245

About BITS Pilani

The Birla Institute of Technology and Science, Pilani (BITS Pilani), a deemed-to-be university, is an Institution of Eminence renowned for its excellence in higher education, research, and innovation. With a legacy spanning six decades, BITS Pilani has established itself as a leading institution in India, recognized for its rigorous academic programs, innovative research, and strong industry connections. BITS Pilani is ranked among the top institutions in India and has a strong focus on R&D.

About CRENS

Center for
Research Excellence in
National Security

The Center for Research Excellence in National Security (CRENS) at BITS Pilani, Hyderabad, is dedicated to strengthening the nation's security infrastructure. CRENS fosters collaboration between academia, industry, and government organizations to develop indigenous cutting-edge technologies, promote skill development, and drive innovation in the national security domain. CRENS integrates the research and innovation ecosystem of all BITS Pilani campuses.

About CERT-In

The Indian Computer Emergency Response Team (CERT-In) has been established to serve as National agency for incident response under Section 70B of the Information Technology Act, 2000 for discharging the prescribed functions in the area of cybersecurity. CERT-In operates 24X7 incident response Help Desk for providing timely response to reported cybersecurity incidents. CERT-In provides incident Prevention and Response services as well as Security Quality Management Services.

About RapiFuzz Limited

RapiFuzz is a leading cybersecurity company specializing in cutting-edge products and solutions. Their expertise lies in developing advanced tools and platforms for vulnerability assessment, penetration testing, and cybersecurity training. RapiFuzz's CyberKshetra platform, a state-of-the-art cyber range with an integrated Learning Management Solution, provides realistic training environments for cybersecurity professionals. RapiFuzz is committed to enhancing cybersecurity skills and building a robust cyber defense ecosystem. Their products include: CyberKshetra, APIFuzzer, CrisisIM, and IntraCIS.

BITS Pilani
Pilani | Dubai | Goa | Hyderabad | Mumbai

Center for
Research Excellence in
National Security

certin
Enhancing Cyber Security in India
MeitY, Govt. of India

RAPIFUZZ
Making Security Simple