PDPM IIITDM Jabalpur

Joint Online Faculty Development Programme

CYBER SECURITY
July 18 – July 29, 2022

Organized by
MNIT Jaipur, NIT Patna and PDPM IIITDM Jabalpur

Course Contents

- Wireless Vulnerabilities - 802.11 Wireless Vulnerabilities, Hacking Wi-Fi networks By Passing Windows logon system
- Software Security - Buffer overflow, Integer overflow, Format string vulnerabilities
- Software Security - Buffer overflow, Integer overflow, Format string vulnerabilities Web Security - SQL injection, XSS, CSRF, etc
- Web App Penetration Testing, Data security in cloud, Big data and cyber security; Network Security - DNS, ICMP, ARP attacks, IP Sec, BGP Sec, etc., Browser based attacks
- Security Tools - DVWA, Snort, Metasploit , Wireshark, NMAP, Nessus, Openssl, etc. Security in IoT, Tools for cyber security
- Basic Cryptography and its importance in Cyber security, Cryptograph y Hash functions
- Blockchain based IOT Security
- IDS- Intrusion Detection System
- Cyber Security Assurance and Law, Cyber Forensics

Speakers

- **Prof. R. K. Shymsunder, IIT Bombay,**
- **Prof. Krishna Shivlingam, IIT Madras**
- **Dr. Mayank Agarwal, IIT Patna,**
- **Dr. Somanath Tripathi, IIT Patna,**
- **Dr. Rajiv Mishra, IIT Patna,**
- **Sri Ch A S Murthy, CDAC Hyderabad**
- **Rtd Prof. Aditya Bagchi, ISI Kolkata**
- **Prof. Bruhadeshwar Bezawada, MEC, Hyderabad**
- **Hari Babu P. Associate Director, C-DAC Bangalore**
- **Prof. S. K. Nandi, IIT Guwahati**
- **Expert from Host Institute**

Programme Features

- Instructor led online sessions and rigorous hands-on sessions.
- Opportunities to connect with experts from academia, industry and government
- Certificate of completion on successful completion of the course with full access to the course material.

Registration Details

Registration link – Please fill out registration using the following link
https://forms.gle/i1j1orKL4ptQxeH87
Registration fee

Indian Participants –
Academic (student/faculty): 500 INR
Industry Participants and Others : 1000 INR
Foreign Participants –
SAARC/African countries
Academic (student/faculty): - USD 50
Others – USD 100
Rest of the countries
Fee – USD 200
Last Date for Registration : JULY 15, 2022

Online payment details
Beneficiary Name : EICT Academy
Bank Name: INDIAN BANK
A/C No. : 50302042708
IFSC Code: IDIB000M694
Branch: Mehgawan, IIITDM Branch

Joint Principal Coordinator

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