

Certificate in Cyber Security Compliance & Etiquettes

Course Code MPCEDE401S

KNOWLEDGE PARTNER



Cyber Law Pioneers

When Truth & Justice Calls



भारत सरकार का उपक्रम

MPCON CYBER EXCELLENCE DIVISION

About MPCON

MPCON is a Govt. Company under section 2(45) of the Companies Act 2013, being a subsidiary of IFCI Limited, a PSU under the Ministry of Finance, Govt. of India, Dept. of Financial Services.

MPCON Limited has been working in the field of education & livelihood promotion since 1979 as part of its training and capacity building programmes. MPCON through its franchisee centres runs industry-relevant courses in the field of IT, Management, Leadership development etc. As part of its livelihood programmes, MPCON has developed industry linkages for placement of our trained candidates in the field of IT/marketing/sales and other sectors of the Industry. We also have a full-fledged MSME cell which helps candidates for self-employment. We have developed our own industry-relevant content in the various fields our team were also involved in designing the NSQF framework in some sectors.

The courses designed by MPCON caters to the needs of industries and is accepted by the industry for its relevance, specially the one designed for cyber security. We constantly evolve our courses, catering to the changing needs of the industry.

About MPCED

MPCON Cyber Excellence Division has a winning combination of State of the art infrastructure, highly-qualified faculty combined with a unique academic delivery of domain knowledge, career advancement and employability skills. MPCON Cyber Excellence Division also has a large contingent of respected professionals as visiting faculty in the area of Cyber Security and Cyber Ethics. We engage the government, industry and the general public on cyber security and privacy issues, and transfer results into deployable platforms. Franchisee Centres providing various courses on cyber security, Cyber Ethics, Cyber Crime Prevention & Solutions are run under the MPCON Cyber Excellence Division

The MPCON Cyber Excellence Division will identify and address the grand challenges in cyber security and privacy. We will educate and train students and professionals through Certificate and life-long learning programs. We will engage the government, industry and the general public on cyber security and privacy issues, and transfer results into deployable technologies.

About CLP

Cyber Law Pioneers (CLP) is into the business of cyber education, Cyber Law, IPR & Cyber security solutions, training, awareness and Techno-legal consultancy. We do IT Act, 2000 Compliance for organizations and websites. We draft national & international notices, agreements, contracts, covenants (CLP) a group of experts who Provides proper guidance to handle cybercrime, Intellectual Property Rights issues, E-contract disputes, online frauds, e-banking issues, e-commerce, and other Crime happening in digital world.

We provide assistance with any possible civil disputes or criminal cases arising due to the stated crimes too. Our group is composed Of expert software developers, network engineers, hardware engineers, cyber security professionals and cyber law professionals.

Course Objective

- Develop the understanding of relationship between E-commerce and cyberspace
- Enable learner to understand, explore, and acquire a critical understanding on Cyber Law and provisions of IT Act, 2000
- Give learners in depth knowledge of Information Technology Act and legal frame work of Right to Privacy, Data Security and Data Protection
- Develop competencies for dealing with frauds and deceptions (confidence tricks, scams) and other cyber crimes that are taking place via the Internet
- Make learner conversant with the social and intellectual property issues emerging from 'Cyberspace
- Explore the legal and policy developments in various countries to regulate Cyberspace
- Much aware about cyber crime, cyber law and IPR related issues and secure in cyber space with legal approach.

Trainee will learn:

- Secure use of computer, internet and smart phones.
- Able to identify the cyber crimes and online threats.
- Know about techno-legal issues related to e-services.
- To perform secure cashless transaction.
- How to handle cybercrime - legal actions and procedures
- How to enter into valid international transactions online, involving cross-border entities across multiple jurisdictions
- How to perform IT specific due diligence and compliance activities for online businesses



COURSE DETAILS

Course Name: “Cyber Security Compliance & Etiquettes”

Course code: MPCEDE401S



COURSE FEE

5150 +GST



TRAINING MODE

E-Learning
Digital Learning Platform which can be accessed on your Smartphone and Computer



COURSE SCHEDULE

Duration 3 months
Online classes will be conducted by
Friday and Saturday
Time 6:30 PM to 8:30 PM (2 hrs)
Total hrs: 60 hrs



EXAM FORMAT

- i) The examination formats multiple choice questions.
- ii) Duration 90 minutes
- iii) Question 100
- iv) Marks 100
- v) Passing marks 40



ELIGIBILITY

IT Personnel working in Govt. / corporate offices



CERTIFICATION

Awarded by MPCON LIMITED



ASSESSMENT

The examination will be organized as per MPCON Limited's Guideline is available on our website <http://mpced.mpconsultancy.org>



TOOLS & EQUIPMENTS

Students must have Smartphone or Computer with internet connectivity.



STUDY MATERIAL

MPCON will provide study material to registered candidate

COURSE CONTENT

UNIT – I	Hours
Introduction	
<ol style="list-style-type: none"> 1. Cyber Security & it's need 2. Importance of Cyber Security 3. Cyber Crime 4. Cyber Laws & rules 5. Computer Etiquettes 6. Threats (Virus, Worms, Trojan horse, Malware, Ransom ware, Identity theft etc.) 7. Infected websites, Identification & security Measures 8. E-Solution (E-payments, online transactions) 	08 hours

UNIT – II	HOURS
General Computer Security Concepts and Wireless Security	
<ol style="list-style-type: none"> 1. Data Security 2. Mobile Device Security 3. User Security, File Security 4. Password Security 5. Encryption, Decryption 6. Secure use of Digital Signature 7. Firewall ,Configuring Windows Firewall 8. Antivirus 9. Cyber Security Policy 10. Unsecured Wi-Fi 11. Risk of Using Unsecured Wi-Fi 12. How to Secure use of Wi-Fi 13. Bluetooth and its security 	12 hours

UNIT – III	HOURS
How to use Internet Safely	
<ol style="list-style-type: none"> 1. Internet 2. Search Engines & Web Browsers security 3. Filtering Services in Web Browser 4. Email usage best practices 5. How to view E-mail Header 6. Spam Filter 7. Safe Downloading 8. Social Engineering 9. Phishing, VoIP phishing 10. Social Media security 11. Digital Transactions (Online Banking) 12. E-commerce (Online Shopping) 13. Entities involved in E-Transaction, E-commerce 14. Do's and Don'ts about E-Transaction 15. Applications for Payment Solution (BHIM, Paytm Etc.) 	12 Hours

UNIT – IV	HOURS
Cyber Crime	
<ol style="list-style-type: none"> 1. Introduction 2. Category of Cyber Crime 3. Types of Cyber Crime 4. Cyber crimes at work place 5. Online E-banking frauds & related Legal remedies 6. Cyber Attacks 	08 Hours

UNIT – V	HOURS
Cyber Etiquettes & IT Laws	
<p>Part-A Introduction to Cyber Law and Regulation of E-governance</p> <ol style="list-style-type: none"> 1. What is Cyber Etiquettes? 2. Cyber Space, Operation of Cyber Space 3. Introduction of cyber law 4. Need of cyber law 5. Jurisdiction issues in Cyberspace: Dispute resolution, Indian and International Approach 6. Data protection and online privacy 7. Information Technology Act, 2000 & Important provisions 8. Intellectual property rights in digital world <p>Part-B Legal framework for E-governance</p> <ol style="list-style-type: none"> 1. Protected system under IT Act, 2000 & Its Importance 2. Digital signature: Technical & legal issues 3. Laws relating to computer & computer resources used in government department 4. Overview of Madhya Pradesh Cyber Security Policy 5. Overview of Madhya Pradesh Email Policy 6. Understanding of E-Governance regulation in Madhya Pradesh 	10 Hours

UNIT – VI	HOURS
Regulation of E-Commerce and e-banking transactions	
<p>PART- 1: Regulation of E-Commerce:</p> <ol style="list-style-type: none"> 1. Internet and Role of ISPs, 2. Concept of E- Commerce, 3. E-business models, 4. UNCITRAL Model Law 5. E-commerce Frameworks and Standards 6. Electronic data interchange <p>PART- 2: Contract formation and licensing:</p> <ol style="list-style-type: none"> 1. Introduction of E-Contract 2. Online Contract Formation 3. Software License Agreements 4. Contract formation and mail box rule 5. Mail box rule 6. Legal recognition of E-Contract 7. Electronic contract and Information Technology Act <p>PART- 3: Risk in E- Commerce and Consumer Protection:</p> <ol style="list-style-type: none"> 1. E-Commerce and consumer rights 2. Consumer protection in online medium 3. The consumer protection Act of 1986 4. International initiatives to protect consumers in E-Commerce <p>PART- 4: Privacy Protection in Online Commercial Environment and Legal Framework</p> <p>Jurisdiction issues</p> <ol style="list-style-type: none"> 1. Privacy, Internet, E-Commerce and Data protection issues 2. Threats to personal identity on internet 3. Online technology surveillance 4. Provisions under the IT Act, 2000 for privacy and Data Protection 	10 Hours

भाविष्य, रोजगार गारंटी एवं सायबर शिक्षा

Courses Offered

CERTIFICATE IN

- Digital Literacy & Cyber Security
- Information security & Cyber Law
- Computer Networking & Cyber Etiquettes
- Ethical Hacking & Cyber Etiquettes
- Certified Vulnerability Assessor and penetration tester

DIPLOMA IN

- Cyber Law
- Computer Application and Cyber Etiquettes
- Cyber Security & Cyber Etiquettes
- Computer forensics & Digital Evidence
- DTP & Cyber Etiquettes
- Financial Accounting, Taxation & Cyber Etiquettes

विशेषताएं

1. MPCON Ltd (भारत सरकार का उपक्रम) द्वारा संचालित।
2. MPCON Ltd. द्वारा मान्यता प्राप्त।
3. सरकारी एवं निजी संस्थानों में रोजगार में मान्य।
4. मोबाइल, इंटरनेट एवं कम्प्यूटर से होने वाले अपराधों तथा धोखाधड़ी से बचाने में देश और समाज को सहयोग दें।
5. सूचना प्रौद्योगिकी मंत्रालय के अनुसार 5 लाख से ज्यादा सिक्योरिटी एक्सपर्ट प्रोफेशनल्स की आवश्यकता होगी 2022 तक।

ETHICAL HACKING PROFESSIONAL
CYBER SECURITY PROFESSIONAL
CYBER LAW EXPERT

IT EXPERT
FORENSIC EXPERT

TRAINING



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