



ABOUT US

Cyber Law Pioneers Pvt. Ltd. is a leading company in the field of Cyber security solutions, cyber education, Cyber Law & IPR, training, awareness and Techno-legal consultancy. Established under the Company Act, 2013, we are a registered company working for last 10 years dedicated to providing efficient and effective services to combat the rising threat of cybercrime.

COURSE DESCRIPTION

THIS PROGRAM CONSISTS OF TWO COURSE. A FOUNDATION COURSE DESIGNED FOR LEARNERS WHO DO NOT HAVE AN IT BACKGROUND AND THE SECOND COURSE IS FOR LEARNERS WHO HAVE AN IT BACKGROUND BUT WANT TO ENHANCE THEIR SKILLS IN CYBER SECURITY.

COURSE OBJECTIVE

MOST - In DEMAND CAREER

According to a report of DSCI, India requires 64000 cyber security professionals for various organizations due to shortage of manpower in the field of Cyber Security.. Through this course, our aim is to trained individuals as CYBER SECURITY EXPERTS and also providing employment to individuals to work for various organizations.

Learners will gain to have a comprehensive understanding of the cyber security standard solutions and key processes for the implementation of best cyber security practice & procedures and attaining the knowledge to become a key implementer and able to implement cyber security framework

CERTIFICATION PROGRAM ON CYBER SECURITY MANAGEMENT SOLUTIONS

IMPLEMENTATION, COMPLIANCE & AUDIT

A cybersecurity management solutions course is designed to provide individuals/professional with the knowledge and skills necessary to effectively manage cybersecurity within organizations while ensuring protect organizational assets from cyber threats, compliance with relevant laws, regulations, Risk management and industry standards.

**FREE DEMO SESSION STARTS FROM
15 JUNE 2024 TILL 26 JUNE 2024**

SIGN UP: <https://forms.gle/2nri2ip8Sv3ttazz7>

12 FREE DEMO SESSIONS

Daily 01 Hour Free Demo Class on Different Topic's

- Classes on Overview of CSMS
- Classes on Security Audit & VAPT
- Class on Cyber Law
- Classes on Cyber Forensics & Investigation
- Classes on overview of ISMS

LEARNING OUTCOMES

- Fundamentals of Implementation Cyber Security Management Framework
- Presentation of the standards & regulatory framework
- Design of Controls and writing protocols of policies & procedures
- Security audit & vulnerability assessment and penetration testing
- Fundamental principle of Data Leak Prevention
- Preparation of internal security audit report & compliances
- Learn basics of Cyber Forensics

OPPORTUNITY FOR JOB SEEKERS & ASPIRING CYBER SECURITY PROFESSIONALS

CAREER OPPORTUNITIES

- Compliance Analyst/Officer
- Associate Cyber Security Consultant
- Cyber Security Advisor
- Assistant Security Consultant
- Security Consultant
- Assistant Cyber Security Analyst
- Auditor
- Cyber security Manager
- Risk Manager
- Policy Developer

BUNDLE OF CERTIFICATION

Cyber Law Pioneers will add value to your professional Resume by providing

CERTIFICATES OF EACH SPECIFIED MODULES
ONCE COMPLETED

+
DIPLOMA OF 6 MONTHS COURSE

**To Become a Certified Cyber Security
Lead Implementor**

Register now

100% JOB ORIENTED COURSE

**For More details, contact us or
scan the QR Code**

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Web: www.cyberlawpioneers.org
Contact us: 8770303862, 9343649161



CSMS PROGRAMS DEMO SESSIONS SCHEDULE



Mr. Yashdeep Chaturvedi
(Cyber Security & Cyber Law Expert)

**Overview of Cyber Security
Management Solutions**

15 June 2024
05:50 PM to 06:50 PM

01 DEMO SESSION



Anushika Tripathi
(Cyber Law & Security Analyst)

**Introduction to Implementation of
Cyber Security Management
Solutions**

16 June 2024
05:50 PM to 06:50 PM

01 DEMO SESSION



Mr. Yashvardhan Dwivedi
(Cyber Security Engineer)

Security Audit & VAPT

**From 17 June 2024 to
21 June 2024**

05:50 PM to 06:50 PM

05 DEMO SESSIONS

Shraddha Pandey

Overview of ISMS

**From 22 June 2024 to
25 June 2024**
05:50 PM to 06:50 PM

02 DEMO SESSIONS



Mr. Yashdeep Chaturvedi
(Cyber Security & Cyber Law Expert)

Introduction to Cyber Law

24 June 2024
05:50 PM to 06:50 PM

01 DEMO SESSION



Priyanka Patsariya
(Certified Cyber Security &
Forensic Professional)

Introduction to Cyber Forensics

**From 25 June 2024 to
26 June 2024**
05:50 PM to 06:50 PM

02 DEMO SESSIONS

CSMS FOUNDATION COURSE DESCRIPTION

<u>OBJECTIVE</u>	<u>ELIGIBILITY</u>	<u>Duration</u> 06 Months <u>Fees</u> 45000/-	<u>Admission Procedure</u> Direct Admission
The six months foundation level certification course designed to cover basic fundamentals of cyber security skills that help the learners to choose their area of competency and select a specific interest in cyber security.	This course is designed for individuals who come from a non-technical background Or want to enhance their skills & want to pursue their career in the most in-demand field of cyber security.		

CSMS ADVANCE COURSE DESCRIPTION

<u>OBJECTIVE</u>	<u>ELIGIBILITY</u>	<u>Admission Procedure</u>
In Advance Level Certification Course, learners will gain to have a comprehensive understanding of the cyber security standard solutions and key processes for the implementation of best cyber security practice & procedures and attaining the knowledge to become a key implementer and able to implement cyber security framework	<p>For Individuals belong from IT & technical background or having experience in IT sectors but wants to enhance their skills & career in the field of Cyber Security.</p> <p><u>Duration</u> 06 Months</p> <p><u>Fees</u> 45000/-</p>	<p>MCQ based online entrance test shall be conducted carrying 50 marks for which passing marks will be 20. Then 'Personal Interview will conducted for selected candidates carrying 50 marks.</p> <p>Syllabus for Online Entrance test will cover:</p> <ul style="list-style-type: none">• Cyber security threat landscape & Essential components of cyber security with best practices and do's and don'ts• Cyber crime, types of Cyber Crime & Cyber Law and Reporting• E-Commerce, Digital payments and operations• Computer Networking, Windows security features, database management system, Object Oriented Programming

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COURSE CONTENT FOR FOUNDATION PROGRAM

Cyber Security Management Solutions Program at Foundation Level	
Module - I	
Module Name: Introduction of Cyber Security Management Solutions	
Module Course	
Course I: Overview of Cyber security Management Solution <ul style="list-style-type: none"> • Introduction of CSMS • Scope of CSMS • Functional Layers of CSMS-ISA • Implementation of CSMS Framework • Consultancy Services Offered under CSMS-ISA • Function and Services 	
Course-II Evolution and growth of ICT <ul style="list-style-type: none"> • Definition of Computer, legal aspects of computer, Computer system • Characteristics and applications, History of Computer, Generation of Computer, Number System, Data & Information, • Basic components of a computer system Control Course, ALU, Input/output Devices and characteristics, memory: Primary Vs Secondary memory Courses, RAM, ROM. Hardware Components. • Overview of Internet: Architecture, Applications, Protocols, Internet Vs. Intranet, ISP, Connectivity Dial-up, Leased line, VSAT etc., URLs, Domain names, Portals, WWW, Web Browser. • Computer Network: Networking, LAN, MAN, WAN, Internet 	
Course-III Operating System <ul style="list-style-type: none"> • Characteristics and applications, functions, • File Management- File, attributes of file, operations of file, file extension, File system. Access methods. Software: Types of Software 	
Course-IV E-Commerce <ul style="list-style-type: none"> • Internet and E-Commerce • E-commerce Frameworks • E-Commerce operation • Applications of E-Commerce • Business Models • E-Banking and operations • Application of E-banking • E-governance 	
Course -V Cyber Space and Security <ul style="list-style-type: none"> • Cyber Space, Operation of Cyber Space. • Understand the Cyber Security aspects. • Principal of Cyber Security • Importance and need of Cyber Security. • Forms of Cyber-attacks- DOS, DDOS, Sniffing& phishing 	
Course-VI Cyber Crime and the Law <ul style="list-style-type: none"> • Cyber crimes • Category of Cyber crime • Different forms & Activities comes under cybercrime. • Indian Cyber Law- Introduction of Information Technology Act, 2000 • Digital Signature 	
Course VII- Social Media Overview and Security <ul style="list-style-type: none"> • Introduction to Social networks. • Types of Social media, Social media platforms, Social media monitoring, Hashtag, Viral content, Social media marketing, Social media privacy, Challenges, opportunities and pitfalls in online social network, Security issues related to social media • Flagging and reporting of inappropriate content, Laws regarding posting of inappropriate content • Best practices for the use of Social media & Case studies 	
Practical:	1. Editing and Processing work <ul style="list-style-type: none"> • MS Office

	<ul style="list-style-type: none"> • Practice of Desktop security, E-mail Security, User Security, File Security, Password Security, Wi-Fi Security • Checklist for reporting cybercrime at Cybercrime Police Station. • Checklist for reporting cybercrime online. • Basic checklist, privacy and security settings for popular Social media platforms. • Reporting and redressal mechanism for violations and misuse of Social media platforms. • Configuring security settings in Mobile Wallets and UPIs. • Checklist for secure net banking. • Setting, configuring and managing three password policy in the computer (BIOS, Administrator and Standard User).
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Cyber Security Management Solutions Program at Foundation Level	
Module – II	
Module Name: Fundamentals of Computer Networking	
Module Course	
Course -I Computer Networking <ul style="list-style-type: none"> • Introduction of network and networking devices • What is networking • Networking devices: router, modem, hub, switch, repeater/booster, cables and connector. • Introduction of IP address and class • What is IP address • Class of IP address • IPV4/IPV6 Introduction • Public & Private IP address 	
Introduction IPV6	
Course –II Advance Cyber Security Measures <ul style="list-style-type: none"> • Mobile security • Windows security • Do's and Don'ts about E-Transaction 	
Do's and Don'ts about online shopping	
Course –III Secure Use of Internet and Online Application Threats on Internet Search Engines & Web Browsers security Filtering Services in Web Browser Email usage best practices How to view E-mail Header and understand the details and parameters Safe Downloading Social Engineering Phishing, VoIP phishing Reporting phishing emails. Demonstration of email phishing attack and preventive measures.	
Practical:	<u>Implementation of Computer Network</u> <ul style="list-style-type: none"> • Network cabling • Established an Office Local area network • Established a Home Wi-Fi Network • Configuration of Printer • Configuration of Router • Firewall, Configuring Windows Firewall • Installation and configuration of Antivirus <u>Advance Cyber Security Measures</u> <ul style="list-style-type: none"> • Mobile security

	<ul style="list-style-type: none"> • Windows security • Do's and Don'ts about E-Transaction • Do's and Don'ts about online shopping • Setting and configuring two factor authentication in the Mobile phone. • Security patch management and updates in Computer and Mobiles. • Managing Application permissions in Mobile phone. • Installation and configuration of computer Anti-virus. • Installation and configuration of Computer Host Firewall. • Wi-Fi security management in computer and mobile.
Module – III	
Module Name: Introduction to Ethical Hacking	
Module Course	
<p>Introduction of Ethical Hacking</p> <ul style="list-style-type: none"> • Phases of ethical-hacking • Types of Hackers, Foot printing • Faces of Hacking, Information Gathering • Scanning, Password Breaking • Virus, Worm, Botnet, Trojan • Website Hacking • Web-Server Hacking • Wi-Fi Hacking • Vulnerability Assessment • Ids/IPS Honeypot • Cryptography & Steganography • Android Hacking • Operating System Hacking • Risk Management • Information Security Policies • Access Control • Information Security Threats and Attack Vectors • Data Backup & Data Recovery. <p>Deceiving IDS firewall & security</p>	
Practical:	<ul style="list-style-type: none"> • Security patch management and updates in Computer and Mobiles. • Wi-Fi security management in computer and mobile. • Practical related to Ethical Hacking

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COURSE CONTENT FOR ADVANCE PROGRAM

Cyber Security Management Solutions Program at Advance Level	
Module – I	
Module Name: Introduction to Cyber Security	
Module Course	
Course -I Cyber Security Management System <ul style="list-style-type: none"> • Introduction of cyber-security • Understand the Cyber Security Management • Reasonable Security Practice And Procedure Defined • Under The Information Technology Act, 2000. • Introduction of Information Security Management System Standard ISO 27001 Implementation and Audit Process. • Access Controls and Security Measures for Secure Management of Computer Resources at Workplace. Key Elements of Cyber Security Policy.	
Course –II Routing Protocols & Configuration <ul style="list-style-type: none"> • Introduction To Routing Protocol • Static Routing • Default Routing • Dynamic Routing • Rip Protocol • IGR Protocol • OSPF Protocol 	
Course –III Operating System <ul style="list-style-type: none"> • Features of Linux/Unix Operating System, • Kernel, Kernel Functions • The Shell Basic Commands, • Shell Programming, Shell Variables, • Branching Control Structures, • Loop-Control Structure, • Continue and Break Statements, • Sleep Command, Debugging Script Use of Linux as Web-Server,	
Course –IV File System <ul style="list-style-type: none"> • Definition of File System, Defining Geometry, • Disk Controller, • Solaris File System, • Disk Based File Systems, • Network-Based File Systems, • Virtual File Systems, • UFS File System. • The Boot Block, • The Super Block, • The INODE, Tuning File System, Repairing File System.	
Course V- Process Control <ul style="list-style-type: none"> • Process Control • Viewing a Process, • Command to Display Process, • Process Attributes 	
Course VI- Network Security <ul style="list-style-type: none"> • VLAN • PORT SECURITY • NAT • ACL 	

<ul style="list-style-type: none"> • FRAME RELY WIFI 	
Practical:	<ul style="list-style-type: none"> • Prepare password policy for computer and mobile device. • List out security controls for computer and implement technical security controls in the personal computer. • List out security controls for mobile phone and implement technical security controls in the personal mobile phone. • Log into computer system as an administrator and check the security policies in the system.
Module – II	
Module Name: Brief introduction of Windows, Server & Data Prevention	
Module Course	
Course I- WINDOWS OS & SERVER <ul style="list-style-type: none"> • Introduction Of Windows Operating System • Windows Client And Server • Windows Control Panel • Deploying Windows Server • Windows Server Update Services • Advanced File Services Configuration • Server Monitoring And Auditing • Remote Access Configuration • Network Policy Configuration • Domain Controller And Active Directory Management • User And Service Account Configuration • Group Policy Settings And Preferences • Managing Group Policies • Managing And Configuration DNS Windows Security	
Course II- HTML & Python:- <ul style="list-style-type: none"> • Basic intro of HTML and Python • Types of tags, Header, operator, etc. Anyone project in the final test.	
Course III- Data Loss Prevention (DLP) 1. Overview Of DLP <ul style="list-style-type: none"> • Introduction and objective of DLP • Common themes in DLP • People, Process, Technology • Need in DLP and its risk • Areas of Data Loss • Data Leakage v. DLP 2. Data Loss And Recovery <ul style="list-style-type: none"> • Data loss and its types • Scenarios and numbers involved in Data Loss • How to respond to Data Loss • Backup Strategy for Data Recovery 3. Computer Security <ul style="list-style-type: none"> • Introduction and its importance • How to secure OS • Computer Security Threats • Improving Computer Security 4. Cyber Security Standards (CSS) <ul style="list-style-type: none"> • Introduction of CSS • History of CSS 	

5. DLP Solution <ul style="list-style-type: none"> • Introduction and Objectives • DLP features v. Solution Things to consider in DLP Solution
Module III
Module Name: Linux, System Security & Brief to Cyber Forensics
Module Course
Course I- LINUX <ul style="list-style-type: none"> • Overview Of Unix/Linux: - • Concepts, Unix/Linux Installation Process, • Hardware Requirements For Unix/Linux, • Advantages Of Unix/Linux, • Reasons For Popularity And Success Of Linux/Unix • Process States, Process Fields, • PS Commands Options, PGREP, • PRSTAT, • CDE Process Manager, • Scheduling Process, • Scheduling Priorities, • Changing The Priority Of A Time-Sharing Process Killing Process.
Course II- System Security:- <ul style="list-style-type: none"> • Physical Security, • Controlling System Access, • Restricted Shells Controlling File Access, • File Access Commands, Access Control List(ACL), • Setting ACL Entries, • Modifying ACL Entries on A File, • Deleting ACL Entries On A File, Restricting FTP, • Securing Super User Access, • Restricting Root Access, Monitoring Super User Access, • TCP wrappers. • DHCP leased Time, DHCP scopes,
Course III- Cyber Forensics <ul style="list-style-type: none"> • Cyber-forensics & Cyber-crime • Malware-Analysis. • Investigating web Attacks Auditing & Reporting
Module IV
Module Name: Introduction of Cyber law & Understanding of E-banking regulations
Module Course
Course I- Cyber Law and Cyber Crime <ul style="list-style-type: none"> • Cyber Jurisprudence and, • Introduction to Cyber Law 1: Introduction to Cyberspace, Architecture and Digital Divide <ul style="list-style-type: none"> • Introduction of Cyber Space • Characteristics of Cyber Space • Emerging Issues from Cyber Space 2: Introduction to Cyber Law and Regulation of E- Governance <ul style="list-style-type: none"> • Introduction of Cyber Law • Need of Cyber Law • Primary Law in India • Overview of the Information Technology Act, 2000 Legal Framework for E-Governance in India

3: Jurisdiction Issues In Cyber Space: Dispute Resolution,

- Indian and International Approach
- Concept of Jurisdiction
- Jurisdiction Issues in Cyber Space
- Indian and International Approach In Cyber Jurisdiction

4: Computer Wrongs & Cyber Crimes

- Definition of Cyber Crime
- Conventional Crimes through Computer
- Category of Cyber Crime
- Different Forms of Cyber Crimes and Modus Operandi Offence Defined Under the Information Technology Act, 2000
- Case Study on Cyber Crimes under the Information Technology Act.

5: Electronic Evidence and Relating Law

- Electronic Evidence and Classification
- Digital Devices: Sources for Digital Evidences
- Searching and Seizing Of Digital Evidence and Devices

Law Relating To Electronic Evidence and Admissibility of Electronic Evidence

Course II- Regulation of E-Commerce and E-Banking Transactions**1: Regulation of E-Commerce**

- Internet and Role of ISPS, Concept of E-Commerce,
- E-Business Models,
- UNCITRAL Model Law
- E-Commerce Frameworks and Standards
- Electronic Data Interchange

2: Contract Formation and Licensing:

- Introduction of e-Contract
- Online Contract Formation
- Software License Agreements
- Contract Formation and Mail Box Rule
- Mail Box Rule
- Legal Recognition of E-Contract
- Electronic Contract and Information Technology Act

3: Privacy Protection in Online Commercial Environment and Legal Framework

- Jurisdiction Issues
- Privacy, Internet, E-Commerce and Data Protection Issues
- Threats to Personal Identity on Internet
- Online Technology Surveillance
- Provisions under the It Act, 2000 for Privacy and Data Protection

4: Emerging E-Banking System and Electronic Fund Transfer

- The Internet and E-Banking: Framework for Internet Banking In India:
- RBI Guidelines Electronic Money and Internet Payment System
- Core Banking Solutions
- Mobile Banking

Module V**Module Name: Security Audit & VAPT****Module Course****Course 1: Website & Network Security Implementation and Audit**

- Fundamentals And Need Of Vulnerability Assessment And
- Penetration Testing
- Difference Between Vulnerability Assessment And Penetration Testing
- VAPT and its Life Cycle
- Features And Characteristics Of Penetration Testing Tools
- Security Patches & Updates

Course 2: Vulnerability Assessment <ul style="list-style-type: none"> • Testing (White Box, Black Box, Gray Box) Assess The Vulnerabilities • Virus And Trojan Detection • Identify Vulnerabilities, Threats Etc. • OWASP Top 10 Vulnerability • Vulnerability Assessment Tools Vulnerability Classification And Severity Table Sample Report Of Vulnerabilities With Categorization Of Vulnerabilities (High, Medium, Low)	
Course 3: Penetration Testing <ul style="list-style-type: none"> • Information Gathering • Exploitation • Website Penetrate • Network Penetrate • Password Cracking Penetration Testing • Fundamentals Internal And External Penetration Testing Penetration Testing Tools	
Practical	<ul style="list-style-type: none"> • Installation And Usage Of Open Source VAPT Tools • Hands On Practice On Different Tools Like Acunetix Web Vulnerability Scanner, Burp Suite Websploit Toolkit, and Penetration Testing Oriented Browser-Sandcat Browser. PHP Vulnerability Hunter, Openvas, Wireshark, Zenmap • Website Security Implementation, Website Security Audit And Report Preparation