

CYBER LAWS AND SECURITY POLICIES

Course Code: 15CS2210

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Pre requisites: Cyber Laws.

Course Outcomes:

- CO1:** Make Learner Conversant With The Social And Intellectual Property Issues Emerging From ‘Cyberspace.
- CO2:** Explore The Legal And Policy Developments In Various Countries To Regulate Cyberspace.
- CO3:** Develop The Understanding Of Relationship Between Commerce And Cyberspace.
- CO4:** Give Learners In Depth Knowledge Of Information Technology Act And Legal Frame Work Of Right To Privacy, Data Security And Data Protection.
- CO5:** Make Study On Various Case Studies On Real Time Crimes.

UNIT I

(10-Lectures)

Introduction to Computer Security: Definition, Threats to security, Government requirements, Information Protection and Access Controls, Computer security efforts, Standards, Computer Security mandates and legislation, Privacy considerations, International security activity.

UNIT II

(10-Lectures)

Secure System Planning and administration, Introduction to the orange book, Security policy requirements, accountability, assurance and documentation requirements, Network Security, The Red book and Government network evaluations.

UNIT III

(10-Lectures)

Information security policies and procedures: Corporate policies- Tier 1, Tier 2 and Tier3 policies - process management-planning and preparation-developing policies-asset classification policy-developing standards.

UNIT IV (10-Lectures)

Information security: fundamentals-Employee responsibilities-information classification Information handling- Tools of information security- Information processing-secure program administration.

UNIT V (10-Lectures)

Organizational and Human Security: Adoption of Information Security Management Standards, Human Factors in Security- Role of information security professionals.

TEXT BOOKS

1. Debby Russell and Sr. G.T Gangemi, "Computer Security Basics (Paperback)", 2nd Edition, O' Reilly Media, 2006.
2. Thomas R. Peltier, "Information Security policies and procedures: A Practitioner's Reference", 2nd Edition Prentice Hall, 2004.

REFERENCES

1. Kenneth J. Knapp, "Cyber Security and Global Information Assurance: Threat Analysis and Response Solutions", IGI Global, 2009.
2. Jonathan Rosenoer, "Cyber law: the Law of the Internet", Springer-verlag, 1997.