CSL-589: CYBER ETHICS

CREDITS
L   T   P
4   0   0

Total Marks: 100

Note for Paper Setter:
There will be eight questions of equal marks, two in each of the four sections (Section A to D), corresponding to the distribution of the syllabus. The paper setters are requested to make sub-section (not exceeding 4) of the questions and allocate appropriate marks to each sub section.

Note for Candidate:
Attempt five questions in all by selecting one question from each section and the fifth question may be attempted from any sections.

UNIT-I
Foundations of Information Ethics, Milestones in the History of Information and Computer Ethics, Moral Methodology and Information Technology, Value Sensitive Design and Information Systems. Informational Privacy: Concepts, Theories, and Controversies, Online Anonymity.

UNIT-II
Cyber Crimes: Ways of Executing Cyber Crimes, Cyber Criminals. Hackers: History of Hacking, Types of Hackers, Hacker Motives, Hacking Topologies, Hackers' Tools of System Exploitation, Types of Attacks, dealing with the Rising Tide of Cyber Crimes, Prevention, Detection, Recovery Ethical Issues Involving Computer Security: Hacking, Hacktivism, and Counter-hacking

UNIT-III
Ethical Interest in Free and Open Source Software, Internet Research Ethics: The Field and Its Critical Issues, Health Information Technology: Challenges in Ethics, Science and Uncertainty, Ethical Issues of Information and Business, Virtual Reality and Computer Simulation, Epistemological and Ethical Issues, The Ethics of Cyber Conflict, Regulation and Governance of the Internet, Information Overload, Email spam.

UNIT-IV
The Matter of Plagiarism: What, Why, and If. Intellectual Property: Legal and Moral Challenges of Online File Sharing, Censorship and Access to Expression, The Gender Agenda in Computer Ethics, The Digital Divide: A Perspective for the Future, Intercultural Information Ethics.

REFERENCES:
1. Handbook of Information and Computer Ethics by Kenneth EinarHimma and Herman T. Tavani, Wiley.
2. Computer Network Security by Joseph Migga Rizza. University of Tennessee-Chattanooga U.S.A. 2005 Springer Science & Business Media, Inc. ISBN-13:978-03872-0473-4