

As Per NEP 2020

University of Mumbai



Syllabus for Basket of OE	
Board of Studies in Information Technology	
UG First Year Programme	
Semester	III/IV/V
Title of Paper	Ethics and Etiquettes in Digital Technology
Credits	2
From the Academic Year	2024-25

Sr. No.	Heading	Particulars
1	Description the course :	The "Ethics and Etiquettes in Digital Technology" course is crucial for students across all disciplines, offering a comprehensive understanding of the ethical challenges and responsibilities in the digital age. As digital technology is increasingly used in all aspects of life, this course equips students with knowledge of responsible online communication, digital ethics, netiquette, and intellectual property rights, providing practical skills applicable in both professional and personal settings. Students will learn to build a positive digital footprint, manage ethical considerations in research, and protect personal and sensitive data, all of which are vital in today's interconnected world. This course connects with various fields such as communication, law, marketing, and technology, making it valuable for interdisciplinary studies. With industries prioritizing ethical practices, the skills gained in this course are in high demand, enhancing job prospects in areas like marketing, content creation, and business roles.
2	Vertical :	Open Elective
3	Type :	Theory
4	Credit:	2 credits (1 credit = 15 Hours for Theory or 30 Hours of Practical work in a semester)
5	Hours Allotted :	30 Hours
6	Marks Allotted:	50 Marks
7	Course Objectives: <ol style="list-style-type: none"> 1. To introduce the principles of digital technology ethics and responsible digital citizenship. 2. To impart netiquettes and its practice across various online communication platforms. 3. To understand ethical considerations for responsible social media use. 4. To understand best practices for handling data and ensuring research integrity. 5. To understand intellectual property rights, copyright issues, and open source licensing. 6. To impart knowledge of Cyber Security, ethical practices, and legal considerations. 	

8	<p>Course Outcomes:</p> <ol style="list-style-type: none"> 1. Explain the significance of digital ethics, privacy issues, and ethical decision-making in technology. 2. Apply appropriate netiquette across different digital communication settings. 3. Apply ethical practices for responsible social media use and professional online presence. 4. Apply responsible practices in research and information sharing, including maintaining data privacy and ethical use of AI. 5. Explain key concepts of intellectual property, copyright laws, and open source ethics. 6. Explain fundamentals of Cyber Security practices, ethical hacking, responding and reporting incidents.
9	<p>Modules:</p>
	<p>Module 1: Introduction to Digital Technology Ethics Hours:03</p>
	<p>Understanding digital ethics; Responsible digital citizenship; Unintended consequences of technology; Privacy challenges in digital realm; GDPR and other privacy regulations; Sustainability analysis and ethical decision-making in technology development; Case studies in digital ethics.</p> <p>Self-learning: Cross-cultural perspectives on digital ethics.</p>
	<p>Module 2: Netiquettes and Online Communication Hours: 05</p>
	<p>Understanding netiquette and its importance in online communication, Netiquette in different online platforms: email etiquette, blog-specific netiquette, online discussion forums netiquette, educational and professional netiquette in online learning environments and virtual classrooms, virtual meetings and video conferencing netiquettes.</p> <p>Self-learning: Netiquettes for gaming communities.</p>
	<p>Module 3: Social Media Ethics Hours: 06</p>
	<p>Responsible use of social media platforms; Building a positive and professional digital footprint; Addressing misinformation, fake news, and Deepfake; Ethical considerations in social media marketing; Balancing personal and professional online presence.</p> <p>Self-learning: Handling Cyberbullying.</p>
	<p>Module 4: Responsible Research and Information Sharing Hours: 06</p>
	<p>Data privacy and protection: Collection, storage, and sharing of personal and sensitive data for research, informed consent, protecting participant privacy, and data anonymization; Open access; Digital plagiarism; Plagiarism-check tools; Ensuring reliability of digital information; Responsible use of Artificial Intelligence in research.</p>

	Self-learning: Ethical challenges in handling big data	
	Module 5: Intellectual Property and Copyright	Hours: 06
	Intellectual property rights in the digital age, Copyright infringement and fair use, Open source software and its ethical implications, Creative Commons licenses. Self-learning: Digital Rights Management (DRM).	
	Module 6: Cyber Security	Hours: 04
	Understanding Cyber Security and its ethical implications; Security for personal devices; Password practices, 2FA, and MFA; Software updates; Ethical hacking; Incident response and reporting; Case studies on cyber-attacks in real-world scenarios. Self-learning: Cyber Laws	
10	Text Books: <ol style="list-style-type: none"> 1. M. Strawbridge, <i>Netiquette: Internet Etiquette in the Age of the Blog</i>, Software Reference, 2006. 2. V. Turk, <i>Digital Etiquette: Everything you wanted to know about modern manners but were afraid to ask</i>, Ebury Press, 2019. 3. K. Martin, <i>Ethics of Data and Analytics: Concepts and Cases</i>, Taylor & Francis Ltd., 2022. 4. V. Sople, <i>Managing Intellectual Property: The Strategic Imperative</i>, Prentice Hall India, 2010. 	
11	Reference Books: <ol style="list-style-type: none"> 1. C. Brooks, C. Grow, P. Craig, and D. Short, <i>Cybersecurity Essentials</i>, Sybex, 2018. 2. C. Tolbert, K. Mossberger, R. McNeal, <i>Digital Citizenship: The Internet, Society, and Participation</i>, MIT Press, 2007. 3. K. Furgang, <i>Netiquette: A Student's Guide to Digital Etiquette</i>, Rosen Central, 2011. 4. E. Thompson, <i>The Digital Citizen: Navigating Online Ethics and Etiquette in a Connected World</i>, IngramSpark, 2023. 	
12	Internal Continuous Assessment: 40%	Semester End: 60%
13	Continuous Evaluation through: IAT-1 : 15 marks	Semester End Examination (30 marks) - Duration 1 hours.

	<p>IAT-2: 15 marks Average of IAT-1 & IAT-2 = 15 marks.</p> <p>Projects, Presentation and assignments, (5 marks)etc.</p>	
14	<p>Format of Question Paper: End-semester examination</p> <ul style="list-style-type: none"> • Question Paper will comprise three questions each with 10 marks. <p>All modules must be covered. All three questions need to be answered.</p>	

Sd/-
Dr. Vaishali D.
Khairnar
BoS Chairman
Information
Technology

Sd/-
Dr. Deven Shan
Offg. Associate Dean
Faculty of Science &
Technology,
University of Mumbai.

Sd/-
Dr. Shivram Garge
Offg. Dean
Faculty of Science &
Technology,
University of Mumbai.