

MSC (CA&IT) - Semester: IV

(Effective from year 2024-25)

Course Code:	CAIT-406-A	Course Title:	Digital Enhancement
Course Credits:	02	Hour of Teaching/Week:	02
Internal Assessment Marks:	25	External Exam Marks:	25
Exam Duration	1Hr		

Unit	Contents
1.	Digital Inclusion and Digital Empowerment Needs and Challenges, Vision of Digital India : Digilocker, E-hospitals, E-pathshala, BHIM, Swayam Portal, e-Kranti (Electronic Delivery of Services), e-health Campaign, Digital Signature. Public utility portals of Govt. of India such as RTI, Health, Finance, Education, SSI-ID. Communication and Collaboration in Cyber Space: Electronic Communication: e-mail, blogs, social media tools Collaborative Digital Platforms, Tools and platform for online learning. Collaboration using file sharing, messaging, video conferencing
2.	Digital Safety Measurement Tools: Online Security and privacy, Threats to the cyber world, various forms of viruses, Data breach and cyber attacks. Overview of block chain technology Security initiatives by government of India. Ethical Issues in Digital World: Misuse of Personal Information, Mis-Information and Deep fakes, Lack of oversight and responsibility. Uses and misuses of Artificial Intelligence

References:

1. Understanding digital literacy's: A Practical Introduction by Rodney Jones and Christofer Hafner
2. <https://digitalindia.gov.in>
3. <https://digilocker.gov.in>
4. <https://cybercrime.gov.in>
5. <https://cybersafeindia.gov.in>
1. <https://meity.gov.in> and other online resources