Credit distribution, Eligibility and Pre-requisites of the Course

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course
		Lecture	Tutorial	Practical/ Practice		
Digital Empowerment	02	1	0	1	**Pass in Class 12**[th]	NIL

Learning Objectives

The Learning Objectives of this course are as follows:
- Understand the digital world and need for digital empowerment
- Create awareness about Digital India.
- Explore, communicate and collaborate in cyberspace.
- Building awareness on cyber safety and security.

Learning outcomes

The Learning Outcomes of this course are as follows:
- Use ICT and digital services in daily life.
- Develop skills to communicate and collaborate in cyberspace using social platforms, teaching/learning tools.
- Understand the significance of security and privacy in the digital world.
- Evaluate ethical issues in the cyber world

SYLLABUS OF DIGITAL EMPOWERMENT

UNIT – I Digital inclusion and Digital Empowerment   (5 Weeks)

- Needs and challenges
- Vision of Digital India: DigiLocker, E-Hospitals, e-Pathshala, BHIM, e-Kranti (Electronic Delivery of Services), e-Health Campaigns
- Public utility portals of Govt. of India such as RTI, Health, Finance, Income Tax filing, Education

UNIT – II   Communication and Collaboration in the Cyberspace   (4 Weeks)

- Electronic Communication: electronic mail, blogs, social media
- Collaborative Digital platforms
- Tools/platforms for online learning
- Collaboration using file sharing, messaging, video conferencing

UNIT – III   Towards Safe and Secure Cyberspace   (4 Weeks)

- Online security and privacy
- Threats in the digital world: Data breach and Cyber Attacks
- Blockchain Technology
- Security Initiatives by the Govt of India

UNIT – IV   Ethical Issues in Digital World   (2 Weeks)

- Netiquettes
- Ethics in digital communication
- Ethics in Cyberspace

Practical component (if any)   (15 Weeks)

- The course should be conducted in an interactive mode through demonstration, using appropriate tools.
- Conduct workshops on e-services initiated under Digital India.
- Spread digital literacy/awareness amongst the vulnerable groups and marginalised sections of the society like street vendors, domestic help, security guards, senior citizens.
- Students will take up team activities/ projects exploring digital services in the areas such as education, health, planning, farming, security, cyber security, financial inclusion, and justice, e-Kranti.
- Any other Practical/Practice as decided from time to time.

Essential Readings /Online Resources
- Rodney Jones and Christoph Hafner. "Understanding digital literacies: A practical
- Introduction". Routledge Books, 2nd edition, 2021.

- https://www.digitalindia.gov.in
- https://www.digilocker.gov.in
- https://www.cybercrime.gov.in
- https://www.cybersafeindia.in
- https://www.meity.gov.in/cyber-surakshit-bharat-programme

Suggested Readings

- David Sutton. "Cyber security: A practitioner's guide", BCS Learning &
- Development Limited, UK, 2017.
- https://www.mha.gov.in/document/downloads/cyber-safety-handbook

Examination scheme and mode: Subject to directions from the Examination Branch/University of Delhi from time to time