Value Addition Course
Digital Empowerment

Course Title and Code	Credits	Credit Distribution of the Course			Eligibility Criteria	Prerequisite of the Course
		Lecture	Tutorial	Practical/Practice		
Digital Empowerment	02	0	0	2	Pass in Class 12th	NIL

COURSE OBJECTIVES:

- Understand the digital world and need for digital empowerment

- Create awareness about Digital India.

- Explore, communicate and collaborate in cyberspace.

- Imparting awareness on cybersafety and security.

LEARNING OUTCOMES:

After the completion of the course, students will be able to

- Use ICT and digital services in daily life.

- Communicate and collaborate in cyberspace using social platforms, teaching/learningtools. Understand the significance of security and privacy in the digitalworld

- Recognise ethical issues in the cyber world

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Syllabus for Digital Empowerment	Practical /Practice Hours (30×2=60)
Unit I: Digital inclusion and Digital Empowerment	**20**
- 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	**16**
- 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	**16**
- 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	**8**
- Netiquettes - Ethics in digital communication - Ethics in Cyberspace	

Note: Concepts are to be taken up during the practical/practice hours.

Practical/ Practice Component (30 sessions of 2 hours each= 60 hours)

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
1. Rodney Jones and ChristophHafner. "Understanding digital literacies: A practical Introduction". Routledge Books, 2nd edition, 2021.
2. https://www.digitalindia.gov.in
3. https://www.digilocker.gov.in
4. https://www.cybercrime.gov.in
5. https://www.cybersafeindia.in
6. https://www.meity.gov.in/cyber-surakshit-bharat-programme

Suggested Readings:

1. David Sutton. "Cyber security: A practitioner's guide", BCS Learning & Development Limited, UK, 2017.
2. 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.

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