

Value Addition Course

Digital Empowerment

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

Syllabus for Digital Empowerment	Practical /Practice Hours (30×2=60)
Unit I: Digital inclusion and Digital Empowerment	20
<ul style="list-style-type: none"> ● 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
<ul style="list-style-type: none"> ● 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
<ul style="list-style-type: none"> ● 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
<ul style="list-style-type: none"> ● 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 Christoph Hafner. "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.

Abu CW
21/5/23
REGISTRAR