	CS – 28 Digital Empowerment	

Objectives:
- 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

Prerequisites:
- Basic computer literacy and familiarity with Operating System..

Unit No.	Topic	Detail
1	**Digital Inclusion and Digital Empowerment**	• Needs and Challenges • Vision of Digital India: o DigiLocker o E-Hospitals o E-Pathshala o SHIM o E-Kranti (Electronic Delivery of Services) o e-Health Campaigns • Public utility portals of Govt. of India such as RTI, Health, Finance, Income Tax filing, Education
2	**Communication and Collaboration in the Cyberspace**	• Electronic Communication: electronic mail, blogs, social media • Collaborative Digital platforms • Tools / Platforms for online learning • Collaboration using file sharing, messaging, video conferencing
3	**Towards Safe and Secure Cyberspace**	• Online security and privacy • Threats in the digital world: Data breach and Cyber Attacks • Blockchain technology • Security Initiatives by the Govt. of India

Seminar   - 5 Lectures
Expert Talk   - 5 Lectures
Test   - 5 Lectures

Total Lectures 30 + 15 = 45

Suggested Books, References and Online Resources
- David Sutton, "Cyber Security: A Practitioner's guide", BCS Learning & Development Limited, UK, 2017
- https://www.mha.gov.in/document/downloads/cyber-safety-handbook
- 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.cybersafeindia.in
- https://www.meity.gov.in/cyber-suraskshit-bharat-programme

Course Outcomes:

- Use 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 cyber world.