ARSD College, University of Delhi

Lesson Plan

Course Name :	B.Sc. (Hons) Lab					
Semester	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical (P)	Credit (C)
I	VAC	Digital Empowerment	1	-	1	2
Teacher/Instructor(s)		Dr. Shivangi Sharma				
Session		Odd Semester-I (Nov -Feb-2022-23)				

Course objective:

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.

Outcome of the course:

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

Lesson Plan:

Unit No.	Learning Objective	Lecture No.	Topics to be covered
1.	Digital inclusion and Digital Empowerment	1st Week	• Needs and challenges
		2nd-3rd Week	• Public utility portals of Govt. of India such as RTI, Health, Finance, Income Tax filing, Education
		4th-5th Week	• Vision of Digital India: DigiLocker, E-Hospitals, e-Pathshala, BHIM, e-Kranti (Electronic Delivery of Services}, e-Health Campaigns

		6th Week	Electronic Communication: electronic mail, blogs, social media
2.	Communication and Collaboration in the Cyberspace	7th Week	Collaborative Digital platforms
		8th Week	Tools/platforms for online learning
		9th Week	Collaboration using file sharing, messaging, video conferencing
3.	Towards Safe and Secure Cyberspace	10th Week	Online security and privacy
		11th Week	• Threats in the digital world: Data breach and Cyber Attacks
		12th Week	• Blockchain Technology
		13th Week	• Security Initiatives by the Govt of India
4.	Ethical Issues in Digital World	14th Week	• Netiquettes
		15th Week	• Ethics in digital communication • Ethics in Cyberspace

Evaluation Scheme:

No.	Component	Duration	Marks
1.	Internal Assessment		25
	• Quiz		
	• Class Test		
	• Attendance		
	• Assignment		
2.	End Semester Examination	1 hr	25

Details of the Course

Unit	Contents	Contact Hours
1 Digital inclusion and Digital Empowerment	• 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	5
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	4
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	4
4 Ethical Issues in Digital World	• Netiquettes • Ethics in digital communication • Ethics in Cyberspace	2
	Total	15

Suggested Books:

Sl. No.	Essential Readings /Online Resources	Year of Publication/Reprint
1.	Introduction". Routledge Books, 2nd edition,.	2021
2.	Rodney Jones and Christoph Hafner. "Understanding digital literacies: A practical	
Mode of Evaluation:	Internal Assessment / End Semester Exam	

Progress Report:

Unit No.	Learning Objective	Lecture Date	Topics to be covered
1.	Digital inclusion and Digital Empowerment		• Needs and challenges
			• Public utility portals of Govt. of India such as RTI, Health, Finance, Income Tax filing, Education
			• Vision of Digital India: DigiLocker, E-Hospitals, e-Pathshala, BHIM, e-Kranti (Electronic Delivery of Services}, e-Health Campaigns
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
4.	Ethical Issues in Digital World		• Netiquettes
			• Ethics in digital communication • Ethics in Cyberspace