LORETO COLLEGE
COMPUTER DEPARTMENT

2ND SEMESTER DIGITAL EMPOWERMENT (DIEM) SEC-2
TIME PLAN 2023-2024

Name of the teacher: CHANDRANI SENGUPTA
Initials: CSG
Course Title: Digital Empowerment
Course Code: SEC Paper

Teaching Objective:

- Understand the fundamentals of digital technologies and their impact on society.
- Enhance online communication and collaboration skills.
- Promote digital citizenship and responsible online behavior.
- Gain awareness of digital security risks and implement best practices.
- Explore ethical considerations in the use of digital technologies.

2nd Semester DIEM (SEC-2) Topic-wise Time Plan

Topics	Hours allotted	Topics (as per curriculum)	Teaching method	Learning outcome (output)	Assessment
1	6	Digital Literacy and Digital Empowerment	Lecture/ Presentation	Comprehend and acquire the skills of using ICT and digital services in daily life.	Tutorial Home Assignments
2	6	Online Communication and Collaboration	Discussion/ Interactive	Develop skills to communicate and collaborate in cyberspace using social platforms, teaching/learning tools.	MCQ / Objective worksheets Home Assignments
3	6	Digital Security	Presentation/ ICT based	Understand the significance of security and privacy in the digital world.	Presentations and discussion QUIZ
4	6	Digital Citizenship and Ethics	Discussion/ Interactive	Evaluate ethical issues in the cyber world	Tutorial Home Assignments
5	6	Emerging Technology	Interactive using AI tools	Learnt to create a pivot table based on data	Q&A sessions Presentations and Discussion

Loreto College

AI for Everyone
Time Plan 2023-2024

Name of the Teacher: Ms. Chinmoyee Ray
Initials: CR
Course Title: AI for Everyone
Course Code: SEC Paper

Teaching Objective:
To introduce the fundamentals and key areas of Artificial Intelligence. To explore AI applications across various industries and understand their societal impact. To develop awareness of ethical and responsible AI practices.

2nd Semester Topic wise Time Plan

Topics	Hours Allotted	Topics (as per curriculum)	Learning Outcome (output)	Assessment
1	6	Introduction to Artificial Intelligence: Definition, scope, historical overview, key milestones, differentiating AI from human intelligence	Understanding the basics and scope of AI; knowledge of AI evolution and differentiation	Quiz, Class Discussion, Short Essay, Group Presentation
2	9	AI Subfields and Technologies: Machine learning (supervised, unsupervised, reinforcement), deep learning, neural networks, natural language processing, computer vision	Understanding ML techniques and applications; knowledge of deep learning, NLP, and computer vision	Tutorials, Lab Reports, Quizzes
3	9	Applications of AI: AI in healthcare, finance, transportation, customer service, and education	Understanding various AI applications across industries	Case Studies, Quizzes
4	4	Ethical and Social Implications of AI: Bias, fairness, privacy, data protection, impact on employment and workforce, social inequality	Awareness of ethical, social, and workforce implications of AI	Essays, Discussions
5	4	Other Important Issues: Ethical guidelines and responsible AI practices, AI and innovation, emerging trends, AI and creativity	Understanding ethical AI development, innovation, future trends, and creativity	Case Studies, Essays, Tutorials