LESSON PLAN:

Discipline: CSE	Semester: 4th	Name of the Teaching Faculty: Sri. Debasish Nanda
Subject: Data Communication & Computer Network	No. Of Days per week : 4 periods per week (Wed, Thurs, Fri & Sat - 1 period each)	Semester: From Date:14-02-2023 To 23-05-2023
WEEK	CLASS DAY	THEORY /PRACTICAL TOPICS
1st	15-02-2023	Syllabus Discussion
	16-02-2023	**1. Network & Protocol** 1.1 Data Communication 1.2 Networks
	17-02-2023	1.3 Protocol & Architecture, Standards
2nd	22-02-2023	1.3 OSI, TCP/IP
	23-02-2023	**Recap of Chapter 1** **2. Data Transmission & Media** 2.1 Data transmission Concepts and Terminology
	24-02-2023	2.2 Analog and Digital Data transmission
	25-02-2023	2.3 Transmission impairments, Channel capacity
3rd	01-03-2023	2.4 Transmission media, Guided Transmission, Wireless Transmission
	02-03-2023	**Recap of Chapter 2** **3. Data Encoding** 3.1 Data encoding,
	03-03-2023	3.2 Digital data digital signals,
	04-03-2023	3.3 Digital data analog signals
4th	09-03-2023	3.4 Analog data digital signals
	10-03-2023	3.5 Analog data analog signals
	11-03-2023	**Recap of Chapter 3** **4. Data Communication & Data link control** 4.1 Asynchronous and Synchronous Transmission
5th	15-03-2023	**Class Test -1 (Chapter 1 &2)**
	16-03-2023	4.1 Error Detection
	17-03-2023	4.3 Line configuration
	18-03-2023	4.4 Flow Control
6th	22-03-2023	4.5 Error Control
	23-03-2023	4.6 Multiplexing
	24-03-2023	4.7 FDM
	25-03-2023	4.7 Synchronous TDM
7th	29-03-2023	4.8 Statistical TDM **Assignment -1 (Chapters 1-4)**
	31-03-2023	**Recap of Chapter 4** **5. Switching & Routing** 5.1 Circuit Switching networks