



PRAHLADRAI DALMIA LIONS COLLEGE OF COMMERCE & ECONOMICS

ISO 9001 : 2015 Certified

NOTICE

29/7/2022

B.Sc.(Information Technology)					
S.Y.B.Sc.(T.T.) Sem III & T.Y.B.Sc.(I.T.) Sem V PCT Examination Syllabus AUGUST - 2022					
SR. NO.	NAME OF THE FACULTY	SEMESTER	SUBJECT	MODULE	TOPICS COVERED
1	SANJANA KHEMKA	III	DATA STRUCTURE	UNIT 1	Chapter 1: Introduction: Data and Information, Data Structure, Algorithm Chapter 2: Array and Sparse Matrix
2	RUPALI MISHRA	III	DATABASE MANAGEMENT SYSTEMS	UNIT 1	What is database system, purpose of database system, view of data, relational databases, database architecture, Data Models, Database design and ER Model: overview, ER Model, Constraints, ER Diagrams, Codd's rules, Introduction to UML
3	ADITI SAVE	III	PYTHON PROGRAMMING	UNIT 1	Introduction Variables and Expressions Conditional Statements Looping Control statements
4	SUJAL SHAH	III	APPLIED MATHEMATICS	UNIT 1	Matrices, Determinants, Multiplication of Matrices, Inverse, Rank, Eigen Values, C-H Theorem
5	FARHAN SHAIKH	III	COMPUTER NETWORKS	UNIT 1 and 2 (Partial)	1. Introduction 2. Network Models 3. Introduction to Physical layer 4. Digital and Analog transmission 5. Bandwidth Utilization: Multiplexing and Spectrum Spreading 6. Transmission media 7. Switching

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1	SANJANA KHEMKA	V	ENTERPRISE JAVA	UNIT 1	Chapter 1: Understanding Java EE Chapter 2: Java Architecture Chapter 3: Servlet and Chapter 4: Database
2	RUPALI MISHRA	V	ADVANCED WEB PROGRAMMING	UNIT 1	Dot net Framework, CLR, namespaces, OO Concepts, Assembly, Garbage Collector, Delegates
3	ADITI SAVE	V	ARTIFICIAL INTELLIGENCE	UNIT 1	CH1 : Introduction CH2 : Intelligent Agent
4	TIRUP PARMAR	V	SOFTWARE PROJECT MANAGEMENT	UNIT1 & UNIT2	Ch1 :- Introduction to Software Project Management Ch2 :- Project Evaluation and Programme Management Ch3: -An Overview of Project Planning Ch4 :- Selection of an Appropriate Project Approach
5	GUFRA N QURESHI	V	INTERNET OF THINGS	Unit 1 & 2	Ch 1: The Internet of Things: An Overview Ch 2: Design Principles for Connected Devices Ch 3: Internet Principles Ch 4: Thinking About Prototyping Ch 5: Prototyping Embedded Devices

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