



Prahladrai Dalmia Lions College of Commerce & Economics

ISO 21001:2018

BSc.CS (Computer Science)

Syllabus for Class Test, (CIA), AUGUST, 2026

FYBSc.CS SEMESTER - I - NEP

Date - 23/7/2026

Sr. No.	Name of the Course	Name of the Professor	Portion/ syllabus
1	Digital Systems & Architecture	Ms. Prachi Sanghvi	Boolean algebra, Logic Gates, Simplification of Logic Circuits: Algebraic Simplification, Karnaugh Maps.
2	Fundamentals of Database Systems	Ms. Niyati Kalyanpur	Introduction to DBMS: Database, DBMS – Definition, Overview of DBMS, Advantages of DBMS, DBMS Architecture Entity Relationship Model and ER to Table: Entities, attributes, entity sets, relations, relationship sets, Additional constraints (key constraints, participation, weak entities. DDL Statements: Creating Databases, Using Databases, datatypes, Creating Tables (with integrity constraints – primary key, default, check, not null), Altering Tables, Renaming Tables, Dropping Tables, Truncating Tables
3	Environmental Management & Sustainable Development -I	Ms. Neeti Joshi	Unit-1 :History of Ecosystem, Structure and functions of Ecosystem, Food chain, Food web, Ecological succession, Levels of Biodiversity, Coservation of Biodiversity, Biogeographic zones of India, India as a Mega-Biodiversity Nation, Endangered and Endemic Species of india, Threats to Biodiversity, Ecosystem and Biodiversity services
4	Enterprenership Management	Dr. Sneha Hathi	Unit 1 : Introduction to Entrepreneurship - Introduction: Concept and importance of entrepreneurship, factors Contributing to Growth of Entrepreneurship, Entrepreneur and Manager, Entrepreneur and Intrapreneur, Types of Entrepreneurs
5	Indian Knowledge System	Ms. Akanksha Mangavkar	Introduction to IKS (What is knowledge System, Characteristic Features of Indian Knowledge System) 2. Why IKS? (Macaulay's Education Policy and its impact, Need of revisiting Ancient Indian Traditions) 3. Scope of IKS (The Universality of IKS (from Micro to Macro), development form Earliest times to 18th Century CE)
6	Indian Constitution	Dr. Malvika Khajuria	Significance, Features,Basic structure of Indian Constitution,Sources and preamble

Dr. Sneha Hathi
Co ordinator - BSc Computer Science

CA. Durgesh Kenkre
Exam Convener

Ms. Subhashini Naikar
(Vice-Principal, SFC)

Prof.(Dr). D.N.Ganjewar
Principal