



PRAHLADRAI DALMIA LIONS COLLEGE
OF COMMERCE & ECONOMICS
ISO 9001: 2015 Certified

NOTICE

B.Sc.(Information Technology)

F.Y.B.Sc.(T.T.) Sem I PCT Examination Syllabus October - 2023

SR. NO.	NAME OF THE	SEMESTER	SUBJECT	MODULE	TOPICS COVERED
1	Rupali Mishra	I	Fundamentals of DBMS	UNIT 1	DBMS concepts, Applications, Features, Advantages, disadvantages, 3 schema architecture, Database languages, Relational algebra, Relational Integrity constraints
2	Manjula Kamath	I	Technical Communication Skills	UNIT 1+7C's	Fundamental of Technical Communication, Barriers to communication, Non verbal Communication The Seven C's of Effective communication
3	Akshata Pawar	I	Computational Logic Discrete Structure	UNIT I	Simple problems on Set, Venn Diagram, Mathematical induction Digraph, Inclusion Exclusion Principal, POSET, Warshalls Algorithm, Transitive Closure, Types of relation
4	Niyati Kalyanpur	I	Programming principles of c	UNIT I	components of computer systems, features of c, history of c, variables and naming rules, datatypes, constants and it's types, rules for constants, flowchart and it's symbols, examples of flowchart, algorithms, examples of algorithms, structure of c program, tools for translating programming languages
5	Saba Sayed	I	Digital logic Application	UNIT I	Analog system, Digital System, Numbering system, Binary number system, octal number system, hexadecimal number system, conversion from one number system to another (BINARY TO BCD, BINARY TO DECIMAL, DECIMAL TO BINARY, OCTAL TO DECIMAL, DECIMAL TO OCTAL, HEXADECIMAL TO DECIMAL), weighted code (Binary Coded decimal) Non-weighted Codes (excess-3 Code, Grey Code), Morse Code, Teletypewriter, Binary addition

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