PRAHLADRAI DALMIA LIONS COLLEGE OF COMMERCE & ECONOMICS

ISO 9001 : 2015 Certified

NOTICE

25/1/2024

B.Sc.(Information Technology)

NAME OF THE FACULTY	SUBJECT	TOPICS COVERED
F.Y.B.Sc.(I.T.) Sem II PCT Examination Syllabus FEB - 2023		
URVASHI DAVE	OBJECT ORIENTED PROGRAMMING WITH C++	INTRODUCTION OF OBJECT-ORIENTED DESIGN : Introduction, Objects,Class and Instance, Polymorphism, Inheritance, Object-Oriented Analysis , Finding the Objects ,Oriented Design, Object-Oriented Analysis, Elements of Object Model ,The Role of OOAD in the Software Life Cycle, OOAD Methodologies.STARTING WITH C++: C++ Overview, C++ Character Set, C++ Tokens, Variables, Counting Tokens, Data Types, Qualifiers, Range of Data Types, Your First C++ Program, Structure of a C++ Program, Styles of, Writing C++ Programs, Programming Examples FEATURES OF C++: Introduction, Operators and Expressions, Declaring Constants, Type Conversion, Decision Making: An Introduction, Unconditional Branching Using Goto , Introduction to Looping OPERATORS AND REFERENCES IN C++: Introduction, Scope Resolution Operator, Reference Variables, The Bool Data Type, The Operator New and Delete, Malloc Vs. New ,Pointer Member Operators
RUPALI MISHRA	Web Applications Development	What is Internet? Applications of Internet, E-mail, Telnet, FTP, E-commerce and E-business. Internet Service Providers, Domain Name Server, Internet Address, World Wide Web (WWW): World Wide Web and its Evolution, Uniform Resource Locator (URL), Browsers, Common Features of Browsers, Search Engine, Web Server, HTTP Protocol. HTML Introduction, Formatting Text by using Tags, Using Lists, Creating Hyperlinks Formatting Text, Changing Background, Images, ImageMaps
SUJAL SHAH	NM	Errors, Absolute error, Relative Error, Percentage Error, Bisection Method, Regula Falsi Method, N-R Method, Forward Difference Table, Backward Difference Table, NFIF, NBIF
NIYATI KALYANPUR	GREEN IT	Problems: Toxins, Power Consumption, Equipment Disposal, Company's Carbon Footprint: Measuring, Details, reasons to bother, Cost Savings: Hardware, Power. Regulating Green IT -The Regulatory Environment and IT Manufacturers RoHS, REACh, WEEE, Legislating for GHG Emissions and Energy Use of IT Equipment.Nonregulatory Government Initiatives, Industry Associations and Standards Bodies, Green Building Standards, Social Movements and Greenpeace.
AMEY MESTRY	FMPMC	CH1- Microprocessor, microcomputers, and Assembly Language: CH2 - Microprocessor Architecture and Microcomputer System CH3- 8085 Microprocessor Architecture and Memory Interface

Prof. Rupali Mishra

B.Sc.(I.T.) Coordinator

Prof. Subhashini Naikar

Vice Principal SFC

Prof. (Dr.) Digambar N. Ganjewar

Principal