



PRAHLADRAI DALMIA LIONS COLLEGE OF COMMERCE & ECONOMICS

ISO 9001 : 2015 Certified

NOTICE


25/1/2024


B.Sc.(Information Technology)

T.Y.B.Sc.(I.T.) Sem VI PCT Examination Syllabus FEB - 2023

NAME OF THE FACULTY	SUBJECT	TOPICS COVERED
NIYATI KALYANPUR	PGIS	Defining GIS, GISystems, GIScience and GIApplications, Spatial data and Geoinformation. Models and modelling, Maps, Databases, Spatial databases and spatial analysis Geographic Information and Spatial Database Models and Representations of the real world Geographic Phenomena: Defining geographic phenomena, types of geographic phenomena, Geographic fields, Geographic objects, Boundaries Computer Representations of Geographic Information: Regular tessellations, irregular tessellations, Vector representations, Topology and Spatial relationships, Scale and Resolution, Representation of Geographic fields, Representation of Geographic objects Organizing and Managing Spatial Data The Temporal Dimension
RUPALI MISHRA	SOFTWARE QUALITY ASSURANCE	Definitions of Quality - Different perspectives, Core components of quality, continuous and continual improvements, Quality view, TQM, Quality Principles of TQM, PDCA Cycle, Tools & Techniques, Customer is a king, Quality and Productivity relationship, Invention and innovation, Requirements of product, Organization culture, Software Quality Management, Processes related Software Quality, Quality management system structure, Pillars of Quality management system, Guidelines & Standards
ADITI SAVE	Business Intelligence	Ch1. Introduction to Business Intelligence Ch2. Decision Support System
AMEY MESTRY	Cyber LAW	Ch1.Power of Arrest Without Warrant Under the IT Act, 2000: A Critique Ch2. Cyber Crime and Criminal Justice: Penalties, Adjudication and Appeals Under the IT ACT, 2000
FARHAN SHAIKH	SIC	Information Security Overview : The Importance of Information Protection, The Evolution of Information Security, Justifying Security Investment, Security Methodology, How to Build a Security Program, The Impossible Job, The Weakest Link, Strategy and Tactics, Business Processes vs. Technical Controls.Risk Analysis: Threat Definition, Types of Attacks, Risk Analysis.Secure Design Principles: The CIA Triad and Other Models, Defense Models, Zones of Trust, Best Practices for Network Defense.


Prof. Rupali Mishra
B.Sc.(I.T.) Coordinator


Prof. Subhashini Naikar
Vice Principal SFC


Prof. (Dr.) Digambar N. Ganjewar
Principal