



# PRAHLADRAI DALMIA LIONS COLLEGE OF COMMERCE & ECONOMICS

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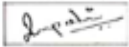
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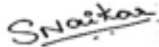
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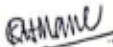
### B.Sc.(Information Technology)

### S.Y.B.Sc.(I.T.) Semester IV PCT Examination Syllabus February - 2022

SR. NO.	NAME OF THE FACULTY	SEMESTER	SUBJECT	UNITS COVERED	Topics
1	SANJANA KHEMKA	IV	CORE JAVA	UNIT 1 & 2	Chapter 1: Introduction Chapter 2: Data Types Chapter 3: Control Flow Statement Chapter 4: Classes
2	ADITI CHIKHALIKAR	IV	SOFTWARE ENGINEERING	UNIT 1 & 2	Chapter 1: Introduction Chapter 2: Software Requirements Chapter 3: Software Processes and Software Development Process Models Chapter 4: Agile software development Chapter 5: Socio-technical system Chapter 6: Critical system Chapter 7: Requirements Engineering Processes Chapter 8: System Models
3	ADITI CHIKHALIKAR	IV	COMPUTER GRAPHICS	UNIT 1 & 2	Chapter 1: Introduction to Computer Graphics Chapter 2: Scan conversion Chapter 3: Two-Dimensional Transformations Chapter 4: Three-Dimensional Transformations Chapter 5: Projection and its types
4	APARNA PANIGRAHI	IV	EMBEDDED SYSTEM	UNIT 1 & 3	Chapter 1: Introduction to Embedded system Chapter 2: Core of Embedded System Chapter 3: Communication Interfaces Chapter 4: Characteristics and Quality Attributes of Embedded Systems Chapter 9: The 8051 Microcontrollers
5	AMIT LIMBASIA	IV	COMPUTER ORIENTED STATISTICAL TECHNIQUES	UNIT 1 & 2	Chapter 1: Mean, Median, Mode and other measure tendencies Chapter 2: Range and Standard Deviation and Other deviations Chapter 3: Moment Skewness and Kurtosis

  
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