

**Department of Information Technology****II-II SEMESTER****Course Name: DISCRETE MATHEMATICS (CS401PC)****Year / Sem: II / II**

| CS401PC | Course Outcomes |
|------------------|--|
| CS401PC.1 | Ability to understand and construct precise mathematical proofs |
| CS401PC.2 | Ability to use logic and set theory to formulate precise statements |
| CS401PC.3 | Ability to analyze and solve counting problems on finite |
| CS401PC.4 | Ability to describe and manipulate sequences |
| CS401PC.5 | Ability to apply graph theory in solving computing problems |

Course Name: BUSINESS ECONOMICS & FINANCIAL ANALYSIS (SM402MS)**Year / Sem: II / II**

| SM4 | Course Outcomes |
|------------------|---|
| SM402MS.1 | Understand the various Forms of Business and the impact of Economic variables on the Business. |
| SM402MS.2 | Understand the significance of Demand, Supply, Production, Cost, Market Structure, Pricing aspects |
| SM402MS.3 | Understand the Students can study the firm's financial position by analyzing the Financial Statements |
| SM402MS.4 | Explain the impact of the Economy on Business and Firms specifically |
| SM402MS.5 | Analyze the Business from the Financial Perspective |

**Course Name: Operating System (CS403PC)****Year / Sem: II / II**

| CS403PC | Course Outcomes |
|------------------|--|
| CS403PC.1 | To understand the underlying principles, techniques and approaches which constitute a coherent body of knowledge in |
| CS403PC.2 | To classify about the communication and concurrency control among the concurrent processes in operating system |
| CS403PC.3 | To analyze the concept of process and its management which includes process scheduling, process synchronization, deadlock. |
| CS403PC.4 | To critique how memory management is implemented by the operating system, including concepts of paging, segmentation, |
| CS403PC.5 | To gain insight on file management, disk management etc and to become familiar with the protection and security mechanisms |

Course Name: Database Management System (CS404PC)**Year / Sem: II / II**

| CS404PC | Course Outcomes |
|------------------|---|
| CS404PC.1 | Explain & demonstrate the basic elements of a relation database management system. |
| CS404PC.2 | Design Components to explain the difference between traditional file system and DBMS. |
| CS404PC.3 | Identify to handle with different Data Base languages |
| CS404PC.4 | Analyze the different data models for Data Base. Understand types of Data Base failures and Recovery. |
| CS404PC.5 | Able to Design data base and normalize data and write queries mathematically processed & executed. |

Course Name: JAVA PROGRAMMING (CS405PC)**Year / Sem: II / II**

| CS405PC | Course Outcomes |
|------------------|---|
| CS405PC.1 | Solve real world problems using OOP techniques. |
| CS405PC.2 | Solve problems using java collection framework and I/o classes. |
| CS405PC.3 | Develop multithreaded applications with synchronization. |
| CS405PC.4 | Develop applets for web applications. |
| CS405PC.5 | Design GUI based applications |

**Course Name: Operating System Lab (CS406PC)****Year / Sem: II / II**

| CS406PC | Course Outcomes |
|-----------|--|
| CS406PC.1 | Simulate operating system concepts such as scheduling, deadlock management, file management and memory |
| CS406PC.2 | Choose the best CPU scheduling algorithm for a given problem instance algorithm |
| CS406PC.3 | Able to implement Identify the performance of various page replacement |
| CS406PC.4 | Develop algorithm for deadlock avoidance, detection and file allocation strategies |

Course Name: Database Management System Lab (CS407PC)**Year / Sem: II / II**

| | Course Outcomes |
|-----------|---|
| CS407PC.1 | Ability to design and implement a database schema for given problem. |
| CS407PC.2 | Apply the normalization techniques for development of application software to realistic problems on combinations. |
| CS407PC.3 | Ability to formulate queries using SQL DML/DDL/DCL commands. |
| CS407PC.4 | Develop solutions for database applications using procedures, cursors and triggers |

Course Name: Java Programming Lab (CS408PC)**Year / Sem: II / II**

| CS408PC | Course Outcomes |
|-----------|---|
| CS408PC.1 | Write programs using abstract classes |
| CS408PC.2 | Write multithreaded programs |
| CS408PC.3 | Write GUI programs using swing controls in Java |
| CS408PC.4 | Programs for solving real world problems using java collection frame work |