A.T.V.V. Mandal's

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Academic Year 2019 – 2020

Subject: CA – 101 Business Communication Skills   **Class : F.Y.B.B.A(CA)**

Semester I

Unit	Topics
1	Concept of Communication & Introduction to Communication
2	Method and Types of Communication
3	Business Correspondence
4	Analysis of Different Media of communication

Objectives:

1. To understand what is the role of communication in personal and business world

2.   To understand system and communication and their utility

3.   To develop proficiency in how to write business letters and other communications.

Outcomes:

1. Learners will recognize the significance of communication in both personal and business contexts.

2. They will understand the systems of communication and their practical applications.

3. They will develop the ability to write clear and professional business letters and other forms of communication.

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Academic Year 2019 – 2020

Subject: CA – 102 Principle of Management   **Class : F.Y.B.B.A.(CA)**

Semester I

Unit	Topics
1	Natures of Management
2	Evaluation Management Thoughts
3	Major Managerial Function
4	Recent Trends in Management

Objectives:

1. To understand basic concept regarding org. Business Administration

2. To examining how various management principles

3. To develop managerial skills among the students

Outcomes:

1. Students will gain a clear understanding of basic concepts related to business administration.

2. They will be able to analyze and apply various management principles in real-world scenarios.

3. Students will develop essential managerial skills for effective decision-making and leadership.

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Academic Year 2019 – 2020

Subject: CA – 103 C-Programming   **Class: F.Y.B.B.A.(CA)**

Semester I

Unit	Topics
1	**Introduction to C language**
2	**Managing I/O operations**
3	**Decision Making and looping**
4	**Programs through conditional and looping statements**
5	**Arrays and Strings**
6	**Functions**
7	Introduction to pointer
8	**Structures**

Objectives:

1. To introduce the fundamentals and syntax of the C programming language.

2. To understand how to manage input and output operations in C.

3. To learn the concepts of decision making and looping constructs.

4. To apply conditional and looping statements in practical programs.

5. To understand the use of arrays and strings in data handling.

6. To introduce functions for modular programming.

7. To provide basic knowledge of pointers and their applications.

Outcomes:

1. Students will be able to write simple C programs using correct syntax and structure.

2. They will effectively perform input and output operations in C programs.

3. Students will apply decision-making and looping techniques to solve problems.

4. They will develop programs using conditional and loop statements efficiently.

5. Students will use arrays and strings for storing and manipulating data.

6. They will implement functions to create modular and reusable code.

7. Students will understand and use pointers for memory management.

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Academic Year 2019 – 2020

Subject: CA – 104 Database Management Systems   **Class: F.Y.B.B.A.(CA)**

Semester I

Unit	Topics
1	**File Structure and Organization**
2	Database Management System
3	Relational Model
4	SQL (Structured Query Language)
5	Relational Database Design

Objectives:

1. To understand the fundamentals of file structure and data organization.

2. To introduce the concept and need for Database Management Systems.

3. To explain the relational model and its core components.

4. To develop the ability to write and execute SQL queries for data manipulation and retrieval.

5. To learn principles of relational database design for efficient data storage and access.

Outcomes:

1. Students will understand how data is structured and organized in file systems.

2. They will gain foundational knowledge of DBMS and its functionalities.

3. Students will be able to represent and manage data using the relational model.

4. They will write and execute SQL commands for creating, modifying, and querying databases.

5. Students will design normalized relational databases to ensure data integrity and efficiency.

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Academic Year 2019 – 2020

Subject: CA – 105 Business Statistics   **Class: F.Y.B.B.A.(CA)**

Semester I

Unit	Topics
1	**Concept of statistics**
2	**Measures of central tendency and dispersion**
3	**Measures of Dispersion**
4	**Correlation and Regression(for ungrouped data)**

Objective

1. To understand role and importance of statistics in various business situations

2. To develop skills related with basic statistical technique

3. Develop right understanding regarding regression, correlation and data interpretation

Outcomes:

1. Students will understand the relevance and application of statistics in different business scenarios.

2. They will acquire skills to apply basic statistical techniques for data analysis.

3. Students will be able to interpret data effectively using regression and correlation methods.

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Academic Year 2019 – 2020

Add On Subject: CA – 106 PPA   **Class: F.Y.B.B.A.(CA)**

Semester I

Unit	Topics
1.	Algorithm
2.	Flowchart
3.	Function
4.	Array

Objectives:

1. To understand the concept and structure of algorithms for problem-solving.
2. To learn how to represent logic visually using flowcharts.
3. To understand the use and advantages of functions in modular programming.

Outcomes:

1. Students will be able to write step-by-step algorithms to solve basic computational problems.
2. Students will be able to design flowcharts to visualize the logical flow of a program.
3. Students will apply functions to break down programs into reusable and manageable modules.

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Academic Year 2019 – 2020

Sub: CA – 201 Organisational Behaviour & HR Management   **Class: F.Y.B.B.A(CA)**

Semester I

Unit	Topics
1	**Introduction to Organizational Behavior**
2	**Introduction to HRM**
3	**Procurement**
4	**Training & Development**

Objectives:

1. To understand basic concept of HRM & OB

2. To make aware students about traditional & modern methods of procurement & development in organization.

3. To know the major trends in HRM & OB

Outcomes:

1. Students will understand the fundamental concepts of Human Resource Management (HRM) and Organizational Behavior (OB).

2. They will become familiar with both traditional and modern methods of employee procurement and development.

3. Students will be able to identify and analyze current trends and practices in HRM and OB.

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Academic Year 2019 – 2020

Subject: CA –202 Financial Accounting   **Class: F.Y.B.B.A(CA)**

Semester II

Unit	Topics
1	**Financial Accounting**
2	**Accounting Transactions and Final Account**
3	**Bank Reconciliation Statements**
4	**Computerised Accounting**

Objectives:

1. To develop right understanding regarding role and importance of monetary and financial transactions in business

2. To cultivate right approach towards classifications of different transactions and their implications

3. To develop proficiency preparation of basic financial as to how to write basis accounting statement - Trading and P&L

Outcomes:

1. Students will understand the role and significance of monetary and financial transactions in business operations.

2. They will be able to classify various financial transactions and interpret their business implications.

3. Students will gain the skills to prepare basic accounting statements such as Trading and Profit & Loss accounts.

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Academic Year 2019 – 2020

Subject: CA –203 Business Mathematics   **Class: F.Y.B.B.A(CA)**

Semester II

Unit	Topics
1	Ratio, Proportion and Percentage
2	Profit and Loss
3	Interest and Annuity
4	Matrices and Determinant
5	Linear Programming Problem (LPP)

Objectives:

1. To understand role and importance of Mathematics in various business situations and while developing software.

2. To develop skills related with basic mathematical technique

Outcomes:

1. Students will understand the importance and application of mathematics in business decisions and software development.

2. They will acquire the ability to apply basic mathematical techniques to solve real-world business and technical problems.

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Academic Year 2019 – 2020

Subject: CA –204 Relational Database Management System   **Class: F.Y.B.B.A(CA)**

Semester II

Unit	Topics
1	**Introduction to RDBMS**
2	**PL-SQL**
3	**Transaction Management**
4	**Concurrency Control & Recovery System**

Objectives:

1. Enables students to understand relational database concepts and transaction management concepts in database system.

2. Enables student to write PL/SQL programs that use: procedure, function, package, cursor, and trigger.

Outcomes:

1. Students will understand key relational database concepts and transaction management in database systems.

2. They will be able to design and write PL/SQL programs using procedures, functions, packages, cursors, and triggers effectively.

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Academic Year 2019 – 2020

Subject: CA –205 Web Technology (HTML-JSS-CSS)   **Class: F.Y.B.B.A(CA)**

Semester II

Unit	Topics
1	Introduction
2	Web Design
3	HTML
4	Style Sheet
5	Javascript

Objectives:

1. To know & understand concepts of internet programming.

2. To understand how to develop web-based applications using JavaScript.

Outcomes:

1. Students will gain a clear understanding of internet programming concepts.

2. They will be able to develop interactive and dynamic web-based applications using JavaScript.

Add On Subject: CA –206 Advance C   **Class: F.Y.B.B.A(CA)**

Semester II

Unit	Topics
1	Union and Enumeration
2	File handling
3	Graphics programming
4	Hardware

Objectives:

1. Learn user-defined data types and their usage.

2. Understand file operations like read/write in programs.

3. Learn basic 2D graphics and drawing functions.

4. Know computer hardware parts and their functions.

Outcomes

1. Use unions and enums to write memory-efficient and readable code.

2. Perform file input/output using text and binary modes.

3. Create simple graphics and animations using code.

4. Identify hardware components and understand their role in computing.

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