LESSON-PLAN (Session 2024-25) Odd Semester

Name of Professor: **Mrs. Pooja**
Subject: **Computer Science**
Class: **BCA – 1st Semester**
Subject/Paper: **Foundations of computers**
Paper Code: **B23-CAP-102 (Common with B23-CAI-101, B23-CDS101, B23-CTS-101)**
Course outcomes:

After completing this course, the learner will be able to:

1. understand the basics of computer
2. learn about I/O devices and operating systems
3. understand internet and its services
4. learn about the threats and security concepts on computer
5. to understand the working of operating system, internet and security related concepts.

Sr. No.	Month	Week	Topics to be covered	Remarks if any
1.	July	IVth Week	Introduction to Syllabus	
2.	August	Ist Week	Computer Fundamentals: Evolution of Computers through generations, Characteristics of Computers, Strengths and Limitations of Computers, Classification of Computers, Functional Components of a Computer System, Applications of computers in Various Fields.	
3.		IInd Week	Types of Software: System software, Application software, Utility Software, Shareware, Freeware, Firmware, Free Software.	
4.		IIIrd Week	Memory Systems: Concept of bit, byte, word, nibble, storage locations and addresses, measuring units of storage capacity, access time, concept of memory hierarchy.	
5.		IVth Week	Primary Memory - RAM, ROM, PROM, EPROM. Secondary Memory - Types of storage devices, Magnetic Tape, Hard Disk, Optical Disk, Flash Memory. **Assignment I**	
6.	September	Ist Week	I/O Devices: I/O Ports of a Desk Top Computer, Device Controller, Device Driver. Input Devices: classification and use, keyboard, pointing devices - mouse, touch pad and track ball, joystick, magnetic stripes, scanner, digital camera, and microphone.	
7.		IInd Week	Output Devices: speaker, monitor, printers: classification, laser, ink jet, dot-matrix. Plotter. **Class Test I**	
8.		IIIrd Week	Introduction to Operating System: Definition, Functions, Features of Operating System, Icon,	

			Folder, File, Start Button, Task Bar, Status Buttons, Folders, Shortcuts, Recycle Bin, Desktop, My Computer, My Documents, Windows Explorer, Control Panel.	
9.		**IVth Week**	The Internet: Introduction to networks and internet, history, Internet, Intranet & Extranet, Working of Internet, Modes of Connecting to Internet	
10.	**October**	**Ist Week**	Electronic Mail: Introduction, advantages and disadvantages, User Ids, Passwords, e-mail addresses	
11.		**IInd Week**	,message components, message composition, mailer features. Browsers and search engines	
12.		**IIIrd Week**	Threats: Physical & non-physical threats, Virus, Worm, Trojan,	
13.		**IVth Week**	Spyware, Keylogers, Rootkits, Adware, Cookies, Phishing, Hacking, Cracking.	
14.	**November**	**Ist Week**	Computer Security Fundamentals: Confidentiality, Integrity, Authentication, Non-Repudiation, Security Mechanisms	
15.		**IInd Week**	Security Awareness, Security Policy, anti-virus software & Firewalls, backup & recovery.	
		IIIrd Week	Revision	

*Vacation as per university calendar
*Assignments and Class test will be taken as per schedule.

LESSON-PLAN (Session 2024-25) Odd Semester

Name of Professor: **Mrs pooja**
Subject: **Computer science**
Class: **BCA 3RD Semester**
Subject/Paper: **FUNDAMENTAL OF DATABASE SYSTEMS**
Paper Code: **BCA 235**

Course learning outcomes:

After completing this course, the learner will be able to:

1. understand the concepts of database and its architecture.
2. understand the various types of data models
3. understand various concepts in SQL and relational algebra
4. understand the relational model and normalization in Detail.
5. to implement various SQL queries.

Sr. No.	Month	Week	Topics to be covered	Remarks if any
1.	July	IVth Week	Introduction to Syllabus	
2.	August	Ist Week	Basic Concepts – Data, Information, Records and files. Traditional file – based Systems-File Based Approach-Limitations of File Based Approach,	
3.		IInd Week	Database Approach-Characteristics of Database Approach,	
4.		IIIrd Week	Database Management System (DBMS), Components of DBMS Environment.	
5.		IVth Week	DBMS Functions and Components, Advantages and Disadvantages of DBMS, ASSIGNMENT NO 1	
6.	September	Ist Week	Roles in the Database Environment - Data and Database Administrator, Database Designers, Applications Developers and Users	
7.		IInd Week	Database System Architecture – Three Levels of Architecture, External, Conceptual and Internal Levels, Schemas, Mappings and Instances	
8		IIIrd Week	Data Independence – Logical and Physical Data Independence, CLASS TEST 1	
9.		IVth Week	Classification of Database Management System, Centralized and Client Server architecture to DBMS.	

10.	**October**	**Ist Week**	Data Models: Records- based Data Models, Object-based Data Models,	
11.		**IInd Week**	Physical Data Models and Conceptual Modeling, **Assignment II**	
12.		**IIIrd Week**	Entity-Relationship Model – Entity Types, Entity Sets, Attributes Relationship Types, Relationship Instances and ER Diagrams.	
13.		**IVth Week**	Relational Data Model:-Brief History, Terminology in Relational Data Structure, Relations	
14.	**November**	**Ist Week**	Properties of Relations, Keys, Domains, Integrity Constraints over Relations	
		IInd Week	Base Tables and Views, Basic Concepts of Hierarchical and Network Data Model. **CLASS TEST 2**	
15.		**IIIrd Week**	**Revision**	

*Vacation as per university calendar
*Assignments and Class test will be taken as per schedule.

LESSON-PLAN (Session 2024-25) Odd Semester

Name of Professor: **Mrs pooja**
Subject: **Computer science**
Class: **BCA 5TH Semester**
Subject/Paper: **WEBSITE DESIGN FUNDAMENTAL**
Paper Code: **BCA 351**

Course learning outcomes:

After completing this course, the learner will be able to:

- You will discover how does web works really, what makes web sites work.
- Simple and impressive design techniques, from basics till advanced to focus on goal oriented and user centric designs.
- How to and where to start research, planning for website & actually build excellent web sites
- To create web elements like buttons, banners & Bars and of course complete UI designs.
- Forms and validations for your website.
- Setting up page layout, color schemes, contract, typography in the designs.

Sr. No.	Month	Week	Topics to be covered	Remarks if any
1.	July	IVth Week	Introduction to Syllabus	
2.	August	Ist Week	UNIT – I Introduction to Internet and World Wide Web; Evolution and History of World Wide Web; Basic Features; Web Browsers;	
3.		IInd Week	Web Servers; Hypertext Transfer Protocol; URLs; Searching and Web-Casting Techniques; Search Engines and Search Tools	
4.		IIIrd Week	Steps for Developing Website; Choosing the Contents; Home Page	
5.		IVth Week	Domain Names; Internet Service Provider; Planning and Designing Web Site **Assignment I**	
6.	September	Ist Week	Creating a Website; Web Publishing: Hosting Site;	
7.		IInd Week	Introduction to HTML; Hypertext and HTML; HTML Document Features	
8.		IIIrd Week	HTML Tags; Header, Title, Body, Paragraph, Ordered/Unordered Line, Creating Links; Headers; Text Styles **Class Test I**	
9.		IVth Week	Styles; Text Structuring; Text Colors and Background; Formatting Text; Page layouts; Insertion of Text, Movement of Text	

10.	**October**	**Ist Week**	Images: Types of Images, Insertion of Image, Movement of Image, Ordered and Unordered lists;	
11.		**IInd Week**	Inserting Graphics; Table Handling Functions like Columns, Rows, Width, Colours;	
12.		**IIIrd Week**	Frame Creation and Layouts	
13.		**IVth Week**	Working with Forms and Menus; Working with Buttons like Radio, Check Box; **Assignment II**	
14.	**November**	**Ist Week**	PROJECT WORK	
15.		**IInd Week**	PROJECT WORK **Class Test II**	
16.		**IIIrd Week**	Revision	

*Vacation as per university calendar
*Assignments and Class test will be taken as per schedule.

LESSON-PLAN (Session 2024-25) Odd Semester

Name of Professor: **Mrs pooja**
Subject: **Computer science**
Class: **BCA 5TH Semester**
Subject/Paper: **Programming Using Visual Basic**
Paper Code: **BCA 355**

Course learning outcomes:

1. Discuss and improve skills in object-oriented analysis, design, programming, and testing.
2. Understand VB application environment and event driven programming.
3. Learn about basic programming concepts.

Sr. No.	Month	Week	Topics to be covered	Remarks if any
1.	July	IVth Week	Introduction to Syllabus	
2.	August	Ist Week	Introduction to VB: Visual & Non-Visual programming, Procedural, Object-Oriented, Object-Based and Event-Driven Programming Languages	
3.		IInd Week	VB as Even-Driven and Object-Based Language, VB Environment: Menu bar, Toolbar, Project explorer, Toolbox, Properties Window, Form Designer, Form Layout, Immediate window,	
4.		IIIrd Week	Default Controls in Tool Box Visual Development and Event Driven programming	
5.		IVth Week	Basics of Programming: Variables: Declaring Variables, Types of variables, Converting Variables Types, User Defined Data Types **Assignment I**	
6.	September	Ist Week	Forcing Variable Declaration, Scope & Lifetime of Variables. Constants: Named & Intrinsic, Operators: Arithmetic, Relational & Logical operators	
7.		IInd Week	Input/output in VB: Various Controls for I/O, Message box, Input Box, Print statement.	
8.		IIIrd Week	Decision Statements in VB - if statement, if-then-else, select-case; Looping Statements in VB: do-loop, for-next, while-wend; Exit statement **Class Test I**	
9.		IVth Week	Nested Control Structure; Arrays: Declaring and using Arrays, One-dimensional	

10.	**October**	**Ist Week**	Two-dimensional and Multi-dimensional Arrays, Static and Dynamic arrays, Array of Arrays.	
11.		**IInd Week**	Procedures: General & Event Procedures, Subroutines, Functions, Calling Procedures, Arguments - Passing Mechanisms	
12.		**IIIrd Week**	Optional Arguments, Named Arguments, Functions Returning Custom Data Types	
13.		**IVth Week**	Simple Program Development in VB such as Sum of Numbers, Greatest among Numbers, Checking Even/Odd Number, **Assignment II**	
14.	**November**	**Ist Week**	HCF of Two Numbers, Generate Prime Numbers, Generate Fibonacci Series, Factorial of a Number, Searching, Sorting, etc.	
		IInd Week	PROJECT WORK **Class Test II**	
15.		**IIIrd Week**	PROJECT WORK	

*Vacation as per university calendar

*Assignments and Class test will be taken as per schedule.

LESSON-PLAN (Session 2024-25) Odd Semester

Name of Professor:	**Mrs pooja**
Subject:	**Computer science**
Class:	**B.SC. 5TH Semester**
Subject/Paper:	**Database management system**
Paper Code:	**Paper 1**

Course learning outcomes:

After completing this course, the learner will be able to:

1. understand the concepts of database and its architecture.
2. understand the various types of data models
3. understand various concepts in SQL and relational algebra
4. understand the relational model and normalization in Detail.
5. to implement various SQL queries.

Sr. No.	Month	Week	Topics to be covered	Remarks if Any
1.	July	IVth Week	Introduction to Syllabus	
2.	August	Ist Week	Basic Concepts – Data, Information, Records and files. Traditional file Based Approach- Limitations of Traditional File Based Approach	
3.		IInd Week	Database Approach-Characteristics of Database Approach, Database Management System (DBMS)	
4.		IIIrd Week	Components of DBMS Environment, DBMS Functions and Components, Advantages and Disadvantages of DBMS.	
5.		IVth Week	Actors on the Scene - Data and Database Administrator, Database Designers, End users **Assignment I**	
6.	September	Ist Week	Database System Architecture – Three Levels of Architecture, Schemas – External, Conceptual and Internal Level	
7.		IInd Week	Database Languages – VDL, DDL, SDL, DML, SQL, Mappings – External/ Conceptual and Conceptual/Internal, Instances,	
8.		IIIrd Week	Data Independence – Logical and Physical Data Independence **Class Test I**	
9.		IVth Week	Data Models: High Level, Low Level and Representational – Records- based Data Models, Object-based Data Models	
10.	October	Ist Week	Physical Data Models and Conceptual Models	
11.		IInd Week	Entity-Relationship Model – Concepts, Entity Types, Entity Sets, Attributes, Relationships, Constraints, Keys , Degree, Cardinality etc.	

12.		**IIIrd Week**	ER Diagrams of any Database Organization- Inventory System, Payroll System, Reservation System, Online Book Store etc.	
13.		**IVth Week**	Classification of Database Management System, Centralized and Client Server Architecture **Assignment II**	
14.	**November**	**Ist Week**	Relational Data Model:-Brief History, Terminology in Relational Data Structure, Relations, Properties of Relations	
15.		**IInd Week**	Keys – Primary, Secondary, Composite, Candidate, Alternate and Foreign Key, Domains, Integrity Constraints over Relations. **Class Test II**	
16.		**IIIrd Week**	Revision	

*Vacation as per university calendar

*Assignments and Class test will be taken as per schedule.

LESSON-PLAN (Session 2024-25) Odd Semester

Name of Professor: **Mrs pooja**
Subject: **Computer science**
Class: **B.SC. 5TH Semester**
Subject/Paper: **Website design**
Paper Code: **Paper 2**

Course learning outcome:

- You will discover how does web works really, what makes web sites work.
- Simple and impressive design techniques, from basics till advanced to focus on goal oriented and user centric designs.
- How to and where to start research, planning for website & actually build excellent web sites
- To create web elements like buttons, banners & Bars and of course complete UI designs.
- Forms and validations for your website.
- Setting up page layout, color schemes, contract, typography in the designs.

Sr. No.	Month	Week	Topics to be covered	Remarks if any
1.	July	IVth Week	Introduction to Syllabus	
2.	August	Ist Week	Introduction to Internet and World Wide Web; Evolution and History of World Wide Web; Basic Features;	
3.		IInd Week	Web Browsers; Web Servers; Hypertext Transfer Protocol; URLs; Searching and Web-Casting Techniques	
4.		IIIrd Week	Search Engines and Search Tools	
5.		IVth Week	Steps for Developing Website; Choosing the Contents; Home Page; Domain Names **Assignment I**	
6.	September	Ist Week	Internet Service Provider; Planning and Designing Web Site Names; Internet Service Provider; Planning and Designing Web Site	
7.		IInd Week	Creating a Website; Web Publishing: Hosting Site;	
8.		IIIrd Week	Introduction to HTML; Hypertext and HTML; HTML Document Features **Class Test I**	
9.		IVth Week	HTML Tags; Header, Title, Body, Paragraph, Ordered/Unordered Line, Creating Links; Headers; Text Styles	
10.	October	Ist Week	Text Structuring; Text Colors and Background; Formatting Text; Page layouts; Insertion of Text, Movement of Text	
11.		IInd Week	Images: Types of Images, Insertion of Image, Movement of Image, **Assignment II**	

12.		**IIIrd Week**	ordered and Unordered lists; Inserting Graphics; Table Handling Functions like Columns, Rows, Width, Colours	
13.		**IVth Week**	Frame Creation and Layouts; Working with Forms and Menus; Working with Buttons like Radio, Check Box;	
14.	**November**	**Ist Week**	Project work	
		IInd Week	Project work. **Class Test II**	
15.		**IIIrd Week**	**Revision**	

*Vacation as per university calendar

*Assignments and Class test will be taken as per schedule.

LESSON-PLAN (Session 2024-25) Odd Semester

Name of Professor: **Mrs Pooja**
Subject: **Computer science**
Class: **B.Sc. 1ST SEM (Minor)**
Subject/Paper: **Basic of computer science (CC-M1)**
Paper Code: **B23-CSE-103 (Common with B23-CAC-103)**

Course learning outcome:

After learning this course student will be able:

1. To introduce to the students, the basic understanding of the working of a computer system.
2. To familiarize the students with the concept of algorithms and flowchart.
3. To familiarize the students with the various types of software.
4. To make the students familiar with the basic internet technology and concepts

Sr. No.	Month	Week	Topics to be covered	Remarks if any
1.	July	IVth Week	Introduction to syllabus	
2.	August	Ist Week	Introduction to Computers: Definition of Computers, History and Generations of Computers, Characteristics of computer	
3.		IInd Week	Classification of Computers. Fundamental Block diagram of Computer: CPU, Input & Output Unit.	
4.		IIIrd Week	Software: Definition of Software, Types of Software-System software,	
5.		IVth Week	Application software and Utility software. Types of Computer Languages, Assemblers, Interpreters, Compiler. **Assignment I**	
6.	September	Ist Week	Revision	
7.		IInd Week	Introduction to Operating Systems: Types of Operating System, Functions of Operating System	
8.		IIIrd Week	Windows: Introduction to Windows, Starting Windows, Desk Top, Task Bar, **Class Test I**	
9.		IVth Week	Opening and closing applications, icons-creating, renaming and removing.	
10.	October	Ist Week	Date and Time setting, Working with files and folders-creating, deleting, opening, finding, copying, moving, and renaming.	
11.		IInd Week	Networking: Concept, Basic Elements of a Communication System **Assignment II**	

12.		**IIIrd Week**	Data Transmission Media	
13.		**IVth Week**	LAN, MAN, WAN	
14.	**November**	**Ist Week**	Introduction of Internet and WWW, Basic working of a Web Browser,	
		IInd Week	**Class Test II**	
15.		**IIIrd Week**	**Revision**	

*Vacation as per university calendar
*Assignments and Class test will be taken as per schedule.

LESSON-PLAN (Session 2024-25) Odd Semester

Name of Professor: **Mrs Pooja**
Subject: **Computer science**
Class: **B.Sc. 1ST SEM (Major)**
Subject/Paper: **PROBLEM SOLVING THROUGH C**
Paper Code: **B23-CSE-101**

Course outcome:

1. learn the basics of C program, data types and input/output statements.
2. understand different types of operators, their hierarchies and also control statements of C.
3. implement programs using arrays and strings.
4. get familiar with advanced concepts like structures, union etc. in C language.
5. to implement the programs based on various concepts of C.

Sr. No.	Month	Week	Topics to be covered	Remarks if any
1.	July	IVth Week	Introduction to syllabus	
2.	August	Ist Week	Overview of C: History, Importance, Structure of C Program, Character Set, Constants and Variables, Identifiers and Keywords, Data Types	
3.		IInd Week	Assignment Statement, Symbolic Constant. Input/output: Formatted I/O Function-, Input Functions viz. scanf(), getch(), getche(), getchar(), gets()	
4.		IIIrd Week	output functions viz. printf(), putch(), putchar(), puts().	
5.		IVth Week	**Assignment I**	
6.	September	Ist Week	Revision	
7.		IInd Week	Operators & Expression: Arithmetic, Relational, Logical, Bitwise, Unary, Assignment, Conditional Operators and Special Operators Operator Hierarchy; Arithmetic Expressions, Evaluation of Arithmetic Expression,	
8.		IIIrd Week	Type Casting and Conversion. Decision making with if statement, if-else statement, nested if statement, else-if ladder, switch and break statement, goto statement, Looping Statements: for, while, and do-while loop, jumps in loops. **Class Test I**	
9.		IVth Week	Arrays: One Dimensional arrays - Declaration, Initialization and Memory representation; Two Dimensional arrays -Declaration, Initialization and Memory representation.	

10.	**October**	**Ist Week**	Functions: definition, prototype, function call, passing arguments to a function: call by value; call by reference, recursive functions.	
11.		**IInd Week**	Strings: Declaration and Initialization, String I/O, Array of Strings, String Manipulation Functions: String Length, Copy, Compare, Concatenate etc., Search for a Substring. **Assignment II**	
12.		**IIIrd Week**	Pointers in C: Declaring and initializing pointers, accessing address and value of variables using pointers; Pointers and Arrays	
13.		**IVth Week**	User defined data types: Structures - Definition, Advantages of Structure, declaring structure variables, accessing structure members	
14.	**November**	**Ist Week**	Structure members initialization, Array of Structures; Unions - Union definition; difference between Structure and Union.	
15.		**IInd Week**	**Class Test II**	
16.		**IIIrd Week**	**Revision**	

*Vacation as per university calendar

*Assignments and Class test will be taken as per schedule.

LESSON-PLAN (Session 2024-25) Odd Semester

Name of Professor:	**Mrs Pooja**
Subject:	**Computer science**
Class:	**B.A. 1ST SEM (SEC)**
Subject/Paper:	**Office and spreadsheet Tools Learning**
Paper Code:	**B23-SEC-101**

COURSE LEARNING OUTCOMES:

After completing this course, the learner will be able to:

1. understand the basic concepts of operating systems
2. do the basic editing and formatting in a document
3. create basic spread-sheets for different purposes
4. create basic presentations for different applications.

Sr. No.	Month	Week	Topics to be covered	Remarks if any
1.	July	IVth Week	Introduction to syllabus	
2.	August	Ist Week	Operating System - Definition, Functions, Types of Operating System, Basics of Popular Operating Systems, The User Interface, Exploring Computer, Icons, taskbar, desktop,	
3.		IInd Week	, Using Menu and Menuselection, managing files and folders, Control panel – display properties, add/remove software and hardware, Common utilities	
4.		IIIrd Week	Word Processing - Introduction to Word Processing, Menus, Creating, Editing & Formatting Document, Spell Checking, Printing, Views, Tables, Word Art	
5.		IVth Week	, Mail Merge, Macros, Inserting hyperlinks, Searching for text, Modifying page setup, Applying document themes, Applying document style sets, Inserting headers and footers. **Assignment I**	
6.	September	Ist Week	Revision	
7.		IInd Week	Spread Sheet: Elements of Electronics Spread Sheet, Applications, Creating and Opening of Spread Sheet, Menus, Manipulation of cells: Enter texts numbers and dates,	
8.		IIIrd Week	Cell Height and Widths, Copying of cells, Mathematical, Statistical and Financial function, Drawing different types of charts, Sort and Filter Data. **Class Test I**	
9.		IVth Week	Presentation Software: Creating, Modifying and enhancing a presentation,	
10.	October	Ist Week	Type of presentation views, Using sound, Animation,	
11.		IInd Week	Working with Objects, Printing.	

			Assignment II	
12.		**IIIrd Week**	UNIT 1 REVISION	
13.		**IVth Week**	UNIT 2 REVISION	
14.	**November**	**Ist Week**	UNIT 3 REVISION	
15.		**IInd Week**	UNIT 4 REVISION	
16.		**IIIrd Week**	**Class Test II**	

*Vacation as per university calendar

*Assignments and Class test will be taken as per schedule.

LESSON-PLAN (Session 2024-25) Odd Semester

Name of Professor: **Mrs Pooja**
Subject: **Computer science**
Class: **B.A. 1ST SEM (MDC)**
Subject/Paper: **Fundamentals of computer science**
Paper Code: **B23-CSE-104 (Common with B23-CAC-104)**

COURSE LEARNING OUTCOMES:
After completing this course, the learner will be able to:
1. understand the basic concepts of operating systems.
2. do the basic editing and formatting in a document
3. create basic spread-sheets for different purposes
4. create basic presentations for different applications
5. to understand the working of operating system and various office tools practically

Sr. No.	Month	Week	Topics to be covered	Remarks if any
1.	July	IVth Week	Introduction to syllabus	
2.	August	Ist Week	Computer Fundamentals: Evolution of Computers through generations, Characteristics of Computers, Strengths and Limitations of Computers, Classification of Computers, Functional Components of a Computer System,	
3.		IInd Week	Applications of computers in Various Fields. Types of Software: System software, Application software, Utility Software.	
4.		IIIrd Week	Memory Systems: Concept of bit, byte, word, nibble, storage locations and addresses, measuring units of storage capacity, access time, concept of memory hierarchy. Primary Memory - RAM, ROM, PROM, EPROM	
5.		IVth Week	**Assignment I**	
6.	September	Ist Week	Secondary Memory - Types of storage devices, Magnetic Tape, Hard Disk, Optical Disk, Flash Memory. I/O Devices: I/O Ports of a Desk Top Computer, Device Controller, Device Driver.	
7.		IInd Week	Input Devices: classification and use, keyboard, pointing devices - mouse, touch pad and track ball, joystick, magnetic stripes, scanner, digital camera, and microphone Output Devices: speaker, monitor, printers: classification, laser, ink jet, dot-matrix. Plotter. revison	
8.		IIIrd Week	Introduction to Operating System: Definition, Functions, Features of Operating System, Icon, Folder, File, Start Button, Task Bar, Status Buttons, Folders, **Class Test I**	
9.		IVth Week	Shortcuts, Recycle Bin, Desktop, My Computer, My Documents, Windows Explorer, Control Panel.	

10.	**October**	**Ist Week**	The Internet: Introduction to networks and internet, history, Internet, Working of the Internet, Modes of Connecting to Internet.	
11.		**IInd Week**	Electronic Mail: Introduction, advantages and disadvantages, User Ids, Passwords, e-mail addresses, message components, message composition, mailer features. Browsers and search engines. **Assignment II**	
12.		**IIIrd Week**	UNIT 1 REVISION	
13.		**IVth Week**	UNIT 2 REVISION	
14.	**November**	**Ist Week**	UNIT 3 REVISION	
15.		**IInd Week**	UNIT 4 REVISION	
16.		**IIIrd Week**	**Class Test II**	

*Vacation as per university calendar

*Assignments and Class test will be taken as per schedule.