Name of Assistant/Associate Prof. : Dr. Ashwini Kumar Class & Section : B.Com. 1st Semester

Subject : Fundamentals of Computer Science (MDC)

Session : 2024-25

Date	Contents			
22.07.2024 to 28.07.2024	 Computer Fundamentals: Evolution of Computers through generations. Characteristics of Computers, Strengths and Limitations of Computers. 			
29.07.2024 to 04.08.2024	 Classification of Computers, Functional Components of a Computer System, Applications of computers in Various Fields. 			
05.08.2024 to 11.08.2024	Types of Software: System software, Application software, Utility Software			
12.08.2024 to 18.08.2024	 Memory Systems: Concept of bit, byte, word, nibble, storage locations and addresses, measuring units of storage capacity, access time. 			
19.08.2024 to 25.08.2024	 Concept of memory hierarchy. Primary Memory - RAM, ROM, PROM, EPROM. Secondary Memory - Types of storage devices. 			
26.08.2024 to 02.09.2024	 Magnetic Tape, Hard Disk, Optical Disk, Flash Memory. I/O Devices: I/O Ports of a Desk Top Computer, Device Controller. 			
03.09.2024 to 09.09.2024	Device Driver. Input Devices: classification and use, keyboard, pointing devices - mouse, touch pad and track ball, joystick, magnetic stripes.			
10.09.2024 to 16.09.2024	 Scanner, digital camera, and microphone Output Devices: speaker, monitor, printers: classification, laser, ink jet, dot-matrix. Plotter 			
17.09.2024 to 23.09.2024	 Introduction to Operating System: Definition, Functions, Features of Operating System, Icon, Folder, File, Start Button. 			
24.09.2024 to 30.09.2024	 Task Bar, Status Buttons, Folders, Shortcuts, Recycle Bin, Desktop, My Computer, My Documents, Windows Explorer, Control Panel. 			
01.10.2024 to 07.10.2024	 The Internet: Introduction to networks and internet, history, Internet, Working of the Internet. 			
08.10.2024 to 14.10.2024	 Modes of Connecting to Internet. Electronic Mail: Introduction, advantages and disadvantages. 			
15.10.2024 to 21.10.2024	 User Ids, Passwords, e-mail addresses, message components, message composition, mailer features. Browsers and search engines. 			
22.10.2024 to 26.10.2024	Revision & Test			
27.10.2024 to 03.11.2024	Vacations (Diwali)			
04.11.2024 to 10.11.2024	Work on Seminar / Presentation & Test			
11.11.2024 to 17.11.2024	Assignment/quiz & Test			
18.11.2024 to 23.11.2024	Revision & Test			

Name of Assistant/Associate Prof. : Dr. Ashwini Kumar
Class & Section : B.Com. 1st Semester
Subject : Basic IT Tools (SEC)

Session : 2024-25

Date	Contents			
22.07.2024 to 28.07.2024	 Introduction to Computer: Computer and Latest IT gadgets, Evolution 			
	of Computers & its applications.			
29.07.2024 to 04.08.2024	 Basics of Hardware and Software, Application Software, Systems Software, 			
	Utility Software.			
05.08.2024 to 11.08.2024	 Central Processing Unit, Input devices, Output devices, Computer Memo storage, Mobile Apps. 			
12.08.2024 to 18.08.2024	Practical Work			
19.08.2024 to 25.08.2024	 Introduction to Operating System, Functions of the Operating system, Operating Systems for Desktop and Laptop. 			
26.08.2024 to 02.09.2024	 Operating Systems for Mobile Phone and Tablets, User Interface for Desktop and Laptop, Task Bar, Icons & shortcuts, Running an Application. 			
03.09.2024 to 09.09.2024	 Operating System Simple Setting, Changing System Date and Time, Changing Display Properties. 			
10.09.2024 to 16.09.2024	 To Add or Remove Program and Features, Adding, Removing & Sharing Printers, File and Folder Management & Practical Work. 			
17.09.2024 to 23.09.2024	 Introduction to Internet and World Wide Web, Basic of Computer Networks, Local Area Network (LAN), Wide Area Network (WAN). 			
24.09.2024 to 30.09.2024	 Network Topology, Internet, Applications of Internet, Website Address and URL with Practical Work. 			
01.10.2024 to 07.10.2024	 Work on Popular Web Browsers (Internet Explorer/Edge, Chrome, Mozilla Firefox, Opera etc.), Popular Search Engines, Searching on the Internet. 			
08.10.2024 to 14.10.2024	 Popular Web Browsers (Internet Explorer/Edge, Chrome, Mozilla Firefox, Opera etc.), Popular Search Engines, Searching on the Internet. 			
15.10.2024 to 21.10.2024	 Attaching files with email, Email Signature. Social Networking: Facebook, Twitter, LinkedIn, Instagram, Instant Messaging (WhatsApp, Facebook Messenger, Telegram), Introduction to Blogs, Digital. 			
22.10.2024 to 26.10.2024	Practical Work & Test			
27.10.2024 to 03.11.2024	Vacations (Diwali)			
04.11.2024 to 10.11.2024	Revision / Test / Practical			
11.11.2024 to 17.11.2024	Work on Seminar / Presentation & Test			
18.11.2024 to 23.11.2024	Assignment/quiz & Test & Practical work			

Name of Assistant/Associate Prof. : Dr. Ashwini Kumar

Class & Section : M.Sc.(Mathematics)/M.Sc. Geography)/M.A.

(English)1st Semester

Subject : Computer Applications

Session : 2024-25

Date	Contents			
05.08.2024 to 11.08.2024	 Computer Basics: Introduction, Characteristics of a Computer, Classification of Computers, Applications of Computer. 			
12.08.2024 to 18.08.2024	 Basic Components of PC, Hardware and Software: Introduction, Computer Memory, Secondary Memory, Computer Peripherals. 			
19.08.2024 to 25.08.2024	 Output Devices, Internet basics, Surfing the Internet, Sending Email 			
26.08.2024 to 01.09.2024	Word processing: Introduction and working with MS-Word in MSOffice.			
02.09.2024 to 08.09.2024	Word basic commands; Formatting-text and documents.			
09.09.2024 to 15.09.2024	Sorting and tables; Working with graphics; Introduction to mail merge.			
16.09.2024 to 22.09.2024	Practical Work on MS Word			
23.09.2024 to 29.09.2024	 Spread Sheets: Working with EXCEL-formatting. Functions and formulae, chart features. 			
30.09.2024 to 06.10.2024	 Working with graphics in Excel; Using worksheets as database. 			
07.10.2024 to 13.10.2024	MS-Excel (Practical)			
14.10.2024 to 20.10.2024	Revision &MS-Excel (Practical)			
21.10.2024 to 26.10.2024	 Presentation with Power-Point: Power-point basics with Practical, Creating presentations the easy way, working with graphics in PowerPoint with Practical. 			
27.10.2024 to 03.11.2024	Vacations (Diwali)			
04.11.2024 to 10.11.2024	Show time, sound effects and animation effects with Practical			
11.11.2024 to 17.11.2024	MS-Word Practical			
18.11.2024 to 23.11.2024	MS-Excel Practical			
24.11.2024 to 30.11.2024	Test /Assignment /Practical Work			

Name of Assistant/Associate Prof. : Dr. Ashwini Kumar Class & Section : M.Com.3rdSemester

Subject : Computer Applications to Business & Research

Session : 2024-25

Date	Contents
22.07.2024 to 28.07.2024	Word Processing: Introduction and working with MS-Word in MS-Office;
22.07.2024 to 28.07.2024	Word basiccommands; Formatting-text and documents; Citation and
	Bibliography.
29.07.2024 to 04.08.2024	Inserting Header andFooter, Sorting and tables; Introduction to mail merge.
05.08.2024 to 11.08.2024	 Presentation with Power-Point: Power-point basics, creating presentations;
	Working withgraphics in Power-Point; show time, sound effects and
	animation effects.
12.08.2024 to 18.08.2024	 Spread Sheets: Working with EXCEL-formatting, functions, chart features.
19.08.2024 to 25.08.2024	 Working withgraphics in Excel; Descriptive statistics and steps involved in calculation of descriptive statistics in MS Excel.
26.08.2024 to 02.09.2024	MS Excel: Mean, Median, Mode, Range, Standard Deviation, Skewness and Kurtosis
00.00.0004	Kurtosis.
03.09.2024 to 09.09.2024	 Hypothesis Testing: Chi-square test, t-Test and Analysis of Variance (ANOVA) with the help of MS Excel.
10.09.2024 to 16.09.2024	An introduction to SPSS: coding, graphs, pivot tables, missing values etc.
	Application of Chi-square test,
17.09.2024 to 23.09.2024	T-Test and Analysis of Variance (ANOVA) using SPSS
24.09.2024 to 30.09.2024	Introduction to Accounting Packages: Preparation of vouchers, invoice and
	salary statements; Maintenance of inventory records.
01.10.2024 to 07.10.2024	Maintenance of accounting books and final accounts; financial reports
00.40.0004	generation; Computation of GST.
08.10.2024 to 14.10.2024	Concept of Research Ethics: Patents, Copyrights.
15.10.2024 to 21.10.2024	Plagiarism: Meaning, Types, Tools to detect plagiarism, Consequences of
	Plagiarism.
22.10.2024 to 26.10.2024	Revision & Practical in MS-Excel.
27.10.2024 to 03.11.2024	Vacations (Diwali)
04.11.2024 to 10.11.2024	Revision & Practical in MS-Excel.
11.11.2024 to 17.11.2024	Revision & Practical in MS-Excel.
18.11.2024 to 23.11.2024	Test / Revision / Practical

Name of Assistant/Associate Prof. : Dr. Ashwini Kumar

Class & Section : M.A. (Hindi) $\mathbf{1}^{st}$ Semester Subject : कंप्यूटर का हिंदी में अनुप्रयोग

Session : 2024.25

Date	Contents
05.08.2024 to 11.08.2024	 कंप्यूटर (संगणक) प्रणाली - परिचय , उदभव एवं विकास ।
12.08.2024 to 18.08.2024	• परिभाषा , उपकरण और प्रयोग ।
19.08.2024 to 25.08.2024	 आंकड़ासंसाधन, वर्तनी संसोधन ।
26.08.2024 to 01.09.2024	 इंटरनेट का ऐतिहासिक परिचय , इंटरनेट के उपकरणों का परिचय।
02.09.2024 to 08.09.2024	• समय मितव्ययिता का सूत्र।
09.09.2024 to 15.09.2024	● वर्ल्ड वाइड वेब (WWW) का विकास, प्रचार , प्रसार।
16.09.2024 to 22.09.2024	• डाउनलोड एवं अपलोड।
23.09.2024 to 29.09.2024	• हिंदी वेबसाइट्सपरिचय।
30.09.2024 to 06.10.2024	 पोर्टल क्या हैं ? पोर्टल का स्वरुप , हिंदी पोर्टल।
07.10.2024 to 13.10.2024	 वेबसाइट परिभाषा , हिंदी वेबसाइट्स : वर्गीकरण, भाषा, साहित्य , पत्रिकाएं समाचार आदि।
14.10.2024 to 20.10.2024	 हिंदी साहित्य से सम्बंधित कुछ महत्वपूर्ण वेबसाइट्स और ब्लॉगपोस्ट का परिचय।
21.10.2024 to 26.10.2024	• सोशल साइट्स का परिचय , उपयोग और महत्व।
27.10.2024 to 03.11.2024	Vacations (Diwali)
04.11.2024 to 10.11.2024	 प्रैक्टिकल वर्क और पुनरीक्षण
11.11.2024 to 17.11.2024	• प्रैक्टिकल वर्क और पुनरीक्षण
18.11.2024 to 23.11.2024	• प्रैक्टिकल वर्क और पुनरीक्षण
24.11.2024 to 30.11.2024	प्रैक्टिकल वर्क और पुनरीक्षण

Class:-BA Dept.of Computer Science

Subject: SEC (Basic IT Tools)/MDC (Fundamentals of Computer Science)

Name of the Teacher-Ms.Sheetal Bansal

July to Nov	Topics
July WEEK 1	Computer definition ,Computer Component and Latest IT gadgets, Central
	Processing Unit, Input devices, Output devices, Block diagram of computer system
	Computer Lab Practical
WEEK 2	Evolution of Computers through generations & its applications, Characteristics of
	Computers, Strengths and Limitations of Computers.
WEEK 3	I/O Devices: I/O Ports of a Desk Top Computer, Device Controller, Device Driver.
	Input Devices: keyboard, pointing devices - mouse, touch pad and track ball, joystick,
	magnetic stripes, scanner, digital camera, and microphone,
WEEK 4	Output Devices: speaker, monitor, printers: classification, laser, ink jet, dot-matrix.
	Plotter, Classification of Computers, Basics of Hardware and Software, Application
	Software, Systems Software, Utility Software, Computer Lab Practical
WEEK 5	Computer Memory & storage,
	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. Secondary Memory - Types of storage
	devices, Magnetic Tape, Hard Disk, Optical Disk, and Flash Memory.
WEEK 6	Task Bar, Icons & shortcuts, Running an Application Changing System Date and
	Time, Changing Display Properties, To Add or Remove Program and Features,
	Adding, Removing & Sharing Printers, Start Button, Status Buttons
	Computer Lab Practical
WEEK 7	Recycle Bin, Desktop, My Computer, My Documents, File and Folder Management,
	Windows Explorer, Control Panel.
) N (Computer Lab Practical
WEEK 8	Introduction to Operating System, Functions of the Operating system, Features of
	Operating System, Operating Systems for Desktop and Laptop, Operating Systems
	for Mobile Phone and Tablets, User Interface for Desktop and Laptop, , Operating
	System Simple Setting,
	Computer Lab Practical
WEEK 9	Introduction to Internet and Network, Working of the Internet, Modes of Connecting to
	Internet. World Wide Web, Types of Network: Local Area Network (LAN), Wide
	Area Network (WAN), Metropolitan Area Network (MAN)
WEEK 10	Network Topology, Internet, Applications of Internet, Website Address and URL,
	Popular Web Browsers (Internet Explorer/Edge, Chrome, Mozilla Firefox, Opera
	etc.), Popular Search Engines, Searching on the Internet.
	Computer Lab Practical
WEEK 11	Social Networking: Facebook, Twitter, LinkedIn, Instagram,
	Computer Lab Practical
WEEK 12	Instant Messaging (WhatsApp, Face book Messenger, Telegram),
	Computer Lab Practical
WEEK 13	Introduction to Blogs, Digital Locker, Mobile Apps
=	Computer Lab Practical
WEEK 14	Electronic Mail: Introduction, advantages and disadvantages, User Ids, Passwords, e-mail
	addresses, Opening Email account, Mailbox: Inbox and Outbox, message
)A/ - 65	components, message composition, mailer features, Computer Lab Practical
Week 15	Creating and Sending a new E-mail, replying to an E-mail message, forwarding an E-
	mail message, searching emails, Attaching files with email, Email Signature.
	Computer Lab Practical

Class:-BA Dept.of Computer Science

Subject: SEC (Basic IT Tools)/MDC (Fundamentals of Computer Science)

Name of the Teacher-Ms.Reena Saini

July to Nov	Topics
July WEEK 1	Computer definition ,Computer Component and Latest IT gadgets, Central
	Processing Unit, Input devices, Output devices, Block diagram of computer system
	Computer Lab Practical
WEEK 2	Evolution of Computers through generations & its applications, Characteristics of
	Computers, Strengths and Limitations of Computers.
WEEK 3	I/O Devices: I/O Ports of a Desk Top Computer, Device Controller, Device Driver.
	Input Devices: keyboard, pointing devices - mouse, touch pad and track ball, joystick,
	magnetic stripes, scanner, digital camera, and microphone,
WEEK 4	Output Devices: speaker, monitor, printers: classification, laser, ink jet, dot-matrix.
	Plotter, Classification of Computers, Basics of Hardware and Software, Application
	Software, Systems Software, Utility Software, Computer Lab Practical
WEEK 5	Computer Memory & storage,
	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. Secondary Memory - Types of storage
==	devices, Magnetic Tape, Hard Disk, Optical Disk, and Flash Memory.
WEEK 6	Task Bar, Icons & shortcuts, Running an Application Changing System Date and
	Time, Changing Display Properties, To Add or Remove Program and Features,
	Adding, Removing & Sharing Printers, Start Button, Status Buttons
14/551/ 7	Computer Lab Practical
WEEK 7	Recycle Bin, Desktop, My Computer, My Documents, File and Folder Management,
	Windows Explorer, Control Panel.
WEEK 8	Computer Lab Practical Introduction to Operating System, Functions of the Operating system, Features of
VVEEKO	
	Operating System, Operating Systems for Desktop and Laptop, Operating Systems
	for Mobile Phone and Tablets, User Interface for Desktop and Laptop, , Operating
	System Simple Setting,
	Computer Lab Practical
WEEK 9	Introduction to Internet and Network, Working of the Internet, Modes of Connecting to
	Internet. World Wide Web, Types of Network: Local Area Network (LAN), Wide
	Area Network (WAN), Metropolitan Area Network (MAN)
WEEK 10	Network Topology, Internet, Applications of Internet, Website Address and URL,
	Popular Web Browsers (Internet Explorer/Edge, Chrome, Mozilla Firefox, Opera
	etc.), Popular Search Engines, Searching on the Internet.
14/551/ 4.4	Computer Lab Practical
WEEK 11	Social Networking: Facebook, Twitter, LinkedIn, Instagram,
M/FFI/ 42	Computer Lab Practical
WEEK 12	Instant Messaging (WhatsApp, Face book Messenger, Telegram),
\\/FF\/ 12	Computer Lab Practical
WEEK 13	Introduction to Blogs, Digital Locker, Mobile Apps
\\/EEV 1 /	Computer Lab Practical Electronic Mail: Introduction, advantages and disadvantages. User Ids. Passwords, e-mail.
WEEK 14	Electronic Mail: Introduction, advantages and disadvantages, User Ids, Passwords, e-mail
	addresses, Opening Email account, Mailbox: Inbox and Outbox, message
Mook 1E	components, message composition, mailer features, Computer Lab Practical
Week 15	Creating and Sending a new E-mail, replying to an E-mail message, forwarding an E-mail message, sourching amails. Attaching files with amail Email Signature
	mail message, searching emails, Attaching files with email, Email Signature.
	Computer Lab Practical

Lesson Plan 2024-2025

Class: BSC (Life Science and Physical Science) Dept.of Computer Science

Subject: SEC (Basic IT Tools)

Name of the Teacher-Ms.Sheetal Bansal

JULY TO NOVEMBER	TOPICS		
WEEK 1	Introduction to Computer: Computer and Latest IT gadgets, Evolution of		
	Computers & its applications, Central Processing Unit, Input devices,		
	Output devices		
	Computer Lab Practical		
WEEK 2	Basics of Hardware and Software, Application Software, Systems Software,		
	Utility Software.		
	Computer Lab Practical		
WEEK 3	Computer Memory & storage, Mobile Apps		
	Computer Lab Practical		
WEEK 4	Introduction to Operating System, Functions of the Operating system,		
	Operating Systems for Desktop and Laptop, Operating Systems for Mobile		
	Phone and Tablets, ,		
	Computer Lab Practical		
WEEK 5	Task Bar, Icons & shortcuts, Running an Application, Changing System		
	Date and Time, Changing Display Properties, To Add or Remove Program		
	and Features, Adding, Removing & Sharing Printers,		
	Computer Lab Practical		
WEEK 6	File and Folder Management.		
	Computer Lab Practical		
WEEK 7	Introduction to Internet and World Wide Web, Basic of Computer Networks,		
	Local Area Network (LAN), Wide Area Network (WAN), Network		
	Topology,		
	Computer Lab Practical		
WEEK 8	Internet, Applications of Internet, Website Address and URL, Popular Web		
	Browsers (Internet Explorer/Edge, Chrome, Mozilla Firefox, Opera etc.),		
	Popular Search Engines, Searching on the Internet.		
	Computer Lab Practical		
WEEK 9	E-mail: Using E-mails, Opening Email account, Mailbox: Inbox and		
	Outbox, Creating and Sending a new E-mail, replying to an E-mail message,		
	forwarding an E-mail message, searching emails, Attaching files with email,		
	Email Signature		
WEEK 10	Social Networking: Facebook, Twitter, LinkedIn, Instagram,		
	Computer Lab Practical		
WEEK 11	. Instant Messaging (WhatsApp, Facebook, Messenger, Telegram),		
	Computer Lab Practical		
WEEK12	Introduction to Blogs, Digital Locker		
	Computer Lab Practical		
Week 13	Computer Lab Practical		

Lesson Plan 2024-2025

Class: BSC (Life Science and Physical Science) Dept.of Computer Science

Subject: SEC (Basic IT Tools)

Name of the Teacher-Ms.Reena Saini

JULY TO NOVEMBER	TOPICS				
WEEK 1	Introduction to Computer: Computer and Latest IT gadgets, Evolution of				
	Computers & its applications, Central Processing Unit, Input devices,				
	Output devices				
	Computer Lab Practical				
WEEK 2	Basics of Hardware and Software, Application Software, Systems Software,				
	Utility Software.				
	Computer Lab Practical				
WEEK 3	Computer Memory & storage, Mobile Apps				
	Computer Lab Practical				
WEEK 4	Introduction to Operating System, Functions of the Operating system,				
	Operating Systems for Desktop and Laptop, Operating Systems for Mobile				
	Phone and Tablets, ,				
	Computer Lab Practical				
WEEK 5	Task Bar, Icons & shortcuts, Running an Application, Changing System				
	Date and Time, Changing Display Properties, To Add or Remove Program				
	and Features, Adding, Removing & Sharing Printers,				
	Computer Lab Practical				
WEEK 6	File and Folder Management.				
	Computer Lab Practical				
WEEK 7	Introduction to Internet and World Wide Web, Basic of Computer Networks,				
	Local Area Network (LAN), Wide Area Network (WAN), Network				
	Topology,				
	Computer Lab Practical				
WEEK 8	Internet, Applications of Internet, Website Address and URL, Popular Web				
	Browsers (Internet Explorer/Edge, Chrome, Mozilla Firefox, Opera etc.),				
	Popular Search Engines, Searching on the Internet.				
	Computer Lab Practical				
WEEK 9	E-mail: Using E-mails, Opening Email account, Mailbox: Inbox and				
	Outbox, Creating and Sending a new E-mail, replying to an E-mail message,				
	forwarding an E-mail message, searching emails, Attaching files with email,				
	Email Signature				
WEEK 10	Social Networking: Facebook, Twitter, LinkedIn, Instagram,				
	Computer Lab Practical				
WEEK 11	. Instant Messaging (WhatsApp, Facebook, Messenger, Telegram),				
	Computer Lab Practical				
WEEK12	Introduction to Blogs, Digital Locker				
	Computer Lab Practical				
Week 13	Computer Lab Practical				