LESSON PLAN

SESSION 2023-24 (01.01.2024 to 30.04.2024)

Weekly Lesson Plan (Even Semester)

UG (IV / VI - Semester)

Name of the Paper:- Advanced Programming With VB Class: Bca VI Sem

Name of the Teachers (Section Wise): Prof. Vinay Bharti

WEEK	DATE	TOPICS
		Collections: Adding, Removing, Counting, Returning Items in a
		Collection, Processing a Collection;
4	January	
1	(1-6)	
		SUNDAY - 07.01.2024
		Working with Forms: Form Properties, Creating, Adding,
	January	Removing Forms in Project, Adding Multiple forms
2	(8-13)	
	(8-13)	
		SUNDAY - 14.01.2024
		Managing Forms at Run Time, Hiding & Showing Forms, Load &
	January	Unload Statements,
3	(15-16)	Programming Examples
	January	
	(18-20)	
	HOUDAY	17 04 2024 CURL CURL CORING CINCLE II IAVANITI
	HULIDAY - I	17.01.2024-SHRI GURU GOBIND SINGH JI JAYANTI
	ı	SUNDAY - 21.01.2024
	January	Drag and Drop Operation, Activate & Deactivate events,
4	(22-25)	Form-load event, Example using
4	January	Forms, Programs in VB using Forms
	(27)	
		 HOLIDAY - 26.01.2024 - REPUBLIC DAY
		SUNDAY - 28.01.2024 - REPUBLIC DAY
	lanuaru	Working with Menu: Menu Designing in VB, Adding a Menu to a
	January (29-31)	Form, Modifying and Deleting Menu Items, Adding Access Characters
5	(29-31) February	Cital acters
	(1-3)	
	(1-2)	
		SUNDAY - 04.02.2024
		JUNDAT - 04.02.2024

	1	, Adding Shortcut Keys, Manipulating Menus using Common Dialog
		Box, Attaching Code to Events, Creating Submenus,
	February	Dynamic Menu Appearance
6	(5-10)	
		SUNDAY - 11.02.2024
		Advanced Controls in VB: Scroll Bar, Slider Control,
	February	Tree View, List View, Rich Text Box Control,
7	(12-13)	Toolbar, Status Bar, Progress Bar
'	February	
	(15-17)	
	HOLIDAY 14.02.2	2024 - BASANT PANCHMI/SIR CHHOTU RAM JAYANTI
	1	SUNDAY - 18.02.2024
		Cool bar, Image List
		Revision Of Collection
8	February	Conditonal Test Of Unit 1
	(19-24)	
		SUNDAY - 25.02.2024
		Program Development in VB using Menus and Advance Controls
	February	
9	(26-29)	
	March	
	(1-2)	
		SUNDAY - 03.03.2024
	l	File Handling & File Controls: Sequential & Random files, Opening
	March	and Closing Data Files, Viewing the Data in a File,
_	(4-7)	Performing Operations on a File, Creating a Sequential
10	March	Data File
	(9)	
	нс	DLIDAY - 08.03.2024 - MAHA SHIVRATRI
		SUNDAY - 10.03.2024
		Writing Data to a Sequential File, Reading the Data in a Sequential
		File, Finding the End of a Data File, Locating a File
11	March	
**	(11-16)	
		SUNDAY - 17.03.2024

12	March	Reading and Writing a Random File (get, put, LOF, seek). Program Development in VB using File Handling
	(18-22)	
	11/2	DILVACATION 22.02.2024 24.02.2024
	nc	OLI VACATION - 23.03.2024 - 31.03.2024 (SHAHEEDI DIWAS - 23.03.2024)
		Working with Graphics: Using Paint, Line, Circle, Manipulating
13	April (1-6)	Graphics Program Development in VB using Graphics
	(= 0)	
		SUNDAY - 07.04.2024
		Revison Of Unit 2
	April (8-10)	Assignment 1
14	(8-10) April	
	(12-13)	
		HOLIDAY - 11.04.2024 - ID-UL-FITR
		SUNDAY - 14.04.2024
	April	Accessing Databases: Data Controls, Data-Bound Controls, DAO,
15	(15-16)	RDO, ADO Assignment 2
	April (18-20)	Class Test Of Unit 3
	(20 20)	
		HOLIDAY - 17.04.2024 - RAM NAVMI
		SUNDAY - 21.04.2024
		Creating the Database, Setting Properties, Applying Operations on Database, Viewing the Database, Updating the Database
	April	(adding, deleting records)
16	(22-27)	(**** 8) *** 8 *** ***
		SUNDAY - 28.04.2024
	Anril	SUNDAY - 28.04.2024 Program Development in VB using Database and Advance Controls
17	April (29-30)	
17	April (29-30)	Program Development in VB using Database and Advance Controls
17	(29-30)	Program Development in VB using Database and Advance Controls

LESSON PLAN

SESSION 2023-24 (01.01.2024 to 30.04.2024)

Weekly Lesson Plan (Even Semester)

UG (IV / VI - Semester) : VI SEMESTER

Name of the Paper:- JAVA CORE Class: BCA III

Name of the Teachers (Section Wise): DR. NEETU MANOCHA

WEEK	DATE	TOPICS
		Basic Principles of Object Oriented Programming,
		Introduction to Java, History and Features of Java,
	January	
1	(1-6)	Java Virtual Machine (JVM), Java's Magic Bytecode;
	(1-6)	
	T	SUNDAY - 07.01.2024
		The Java Runtime Environment; Basic
		Language Elements:
		Lexical Tokens, Identifiers, Keywords, Literals, Comments, Primitive Data
	January	types,
2	(8-13)	Continue
	(= = 7	Continue
		SUNDAY - 14.01.2024
	I	Operators, Assignments; Input/output in Java: Basics,
		I/O Classes, Reading Console Input, Control
	January	i/O classes, Reading Console Input, Control
3	(15-16)	Structures in Java: Decision and Loop Control Statements
3	January	Structures in sava. Bedision and Edop control statements
	(18-20)	
	ΗΟΙ Ι D ΔΥ - 1	17.01.2024-SHRI GURU GOBIND SINGH JI JAYANTI
		SUNDAY - 21.01.2024
	I	Class and Object in Java: Defining Class in Java,
		Creating Objects of a Class, Defining Methods,
	January	Argument Passing Mechanism, Using Class and Objects,
4	(22-25)	Constructors, Nested Class, Inner Class,
	January	Abstract Class,
	(27)	
		HOLIDAY - 26.01.2024 - REPUBLIC DAY
		SUNDAY - 28.01.2024
		Dealing with Static Members; Array & String in Java: Defining an Array,
		Initializing
	January	& Accessing Array, Multi –Dimensional Array, Defining String,
5	(29-31)	On creation on Array and String
	February	Operation on Array and String,
	(1-3)	Creating Strings using String Class, Creating Strings using StringBuffer Class,;
		CUNDAY 04 02 2024
SUNDAY - 04.02.2024		

	T	To 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		Polymorphism in Java:
		Basic Concept, Types,
	February	Overriding vs. Overloading, Implementation
6	•	ASSIGNMENT - 1
	(5-10)	
		SUNDAY - 11.02.2024
		Extending Classes and Inheritance in Java:
	February	Benefits of Inheritance, Types of Inheritance in Java,
	(12-13)	
7		Access Attributes, Inheriting Data Members and Methods, Role of
	February	Constructors in Inheritance,
	(15-17)	
	HOLIDAY 14.02.	2024 - BASANT PANCHMI/SIR CHHOTU RAM JAYANTI
	1	SUNDAY - 18.02.2024
		Use of
		"super"; Packages & Interfaces: Basic Concepts of Package and
		Interface,
		Organizing Classes and Interfaces in Packages,
8	February	interfaces in Fackages,
	(19-24)	Defining Package, Adding Classes from a Package to Your Program,
		SUNDAY - 25.02.2024
		CLASSPATH Setting for Packages, Import Package, Naming Convention For
		Packages ,
	February	Access Protection in Dackages, Standard Backages
9	(26-29)	Protection in Packages, Standard Packages Exception Handling in Java: The Idea behind Exception,
	March	Exception Haramig III Juva. The lace belief Exception,
	(1-2)	
		SUNDAY - 03.03.2024
		CONDITIONAL TEST
		Types of Exception, Use of try, catch, finally,
	March	throw, throws in Exception Handling,
10	(4-7)	In-built and User Defined Exceptions, Checked and Un-Checked
10	March	Exceptions,
	(9)	
	1	
	НС	OLIDAY - 08.03.2024 - MAHA SHIVRATRI
	1	SUNDAY - 10.03.2024
		Catching more than one Exception; Applet in Java: Applet
		Basics, Applet Architecture,
	Manah	PENGLON
11	March	REVISION
	(11-16)	REVISION
		SUNDAY - 17.03.2024

		Applet Life Cycle, Applet Tag, Parameters to Applet, Embedding Applets in Web page,		
		Creating		
	March	Simple Applets; GUI Programming:		
12		REVISION		
	(18-22)			
	Н	OLI VACATION - 23.03.2024 - 31.03.2024		
		Designing Graphical User Interfaces in Java,		
		Components and		
	April	Containers, Using Containers, Layout Managers,		
13	(1-6)	REVISION		
	` ´			
		CUNDAY OF OA 2024		
	1	SUNDAY - 07.04.2024		
	April	AWT Components,		
	(8-10)	REVISION		
14	April	REVISION		
l -:	(12-13)			
	(12-13)			
		HOLIDAY - 11.04.2024 - ID-UL-FITR		
	SUNDAY - 14.04.2024			
	April	AWT Classes,		
	-	AWT Controls,		
15	(15-16)	REVISION		
13	April			
	(18-20)			
		HOLIDAY - 17.04.2024 - RAM NAVMI		
		SUNDAY - 21.04.2024		
		REVISION		
	April	REVISION		
16	(22-27)	REVISION		
10	(22-27)			
		SUNDAY - 28.04.2024		
	April	Queries on Problem		
17	(29-30)	Queries on Problem		
''	(29-30)			
	Uı	niversity Examinations w.e.f. 01.05.2024		

I.B. (PG) COLLEGE, PANIPAT LESSON PLAN

SESSION 2023-24 (01.01.2024 to 30.04.2024)

Weekly Lesson Plan (Even Semester)

UG (IV / VI - Semester)

Name of the Paper:- internet technology Class: BCA 3rd yr

Name of the Teachers (Section Wise): Mrs.pooja

WEEK	DATE	TOPICS
		Internet and TCP/IP:
		Introduction to the Internet
1	January	Internet History
_	(1-6)	
		SUNDAY - 07.01.2024
		Internet Administration
		Internet and Intranet;
2	January	Internet Services; TCP/IP model and its protocols
2	(8-13)	
		SUNDAY - 14.01.2024
		IP addresses: IPv4; Subnetting IPv4addresses
	January	Next generation Internet Protocol (IPv6)
3	(15-16)	
	January	
	(18-20)	
	HOLIDAY - 1	7.01.2024-SHRI GURU GOBIND SINGH JI JAYANTI
SUNDAY - 21.01.2024		
	January	The need for IPv6
	(22-25)	Packet Format
4		IPv6 Addresses; Extension Headers;
	January (27)	
	(27)	
		HOLIDAY - 26.01.2024 - REPUBLIC DAY
		SUNDAY - 28.01.2024
	_	TCP/IPs Transport and Network Layer Protocols
	January	Role of TCP
5	(29-31)	UDP, IP,
]	February	
	(1-3)	
SUNDAY - 04.02.2024		

I	I	assignment-1
		Port numbers; Format of TCP, UDP and IP
	February	TCP services, TCP connection management
6		Ter services, Ter connection management
	(5-10)	
		SUNDAY - 11.02.2024
	Echrusm.	Remote Procedure Call; SCTP
	February	IP address resolution- DNS; Domain Name Space
7	(12-13)	
	February	
	(15-17)	
	HOLIDAY 14.02.	2024 - BASANT PANCHMI/SIR CHHOTU RAM JAYANTI
	1	SUNDAY - 18.02.2024
		DNS mapping
		Recursive and Iterative resolution
	February	Resource records, Mapping Internet Addresses to Physical Addresses;
8	(19-24)	nesource records, Mapping Internet Addresses to Physical Addresses,
		SUNDAY - 25.02.2024
		ARP, RARP, BOOTP
	February	DHCP; ICMP; IGMP
9	(26-29)	test
9	March	
	(1-2)	
	T	SUNDAY - 03.03.2024
	March	TCP Application Level Protocols
		ip Application Level Protocols Electronic Mail
10	(4-7)	Licentonic Ivian
	March	
	(9)	
	H	DLIDAY - 08.03.2024 - MAHA SHIVRATRI
		SUNDAY - 10.03.2024
		Architecture; SMTP,
		MIME, POP
11	March	IMAP
	(11-16)	
		CUNDAY 47 02 2224
SUNDAY - 17.03.2024		

		Web Based Mail; File Access and Transfer
12		FTP, Anonymous FTP
	March	TFTP, NFS;
	(18-22)	
	НС	OLI VACATION - 23.03.2024 - 31.03.2024 (SHAHEEDI DIWAS - 23.03.2024)
	Г	Remote Login using TELNET
		Voice and Video over IP: RTP, RTCP, IP Telephony and Signaling
	April	Resource Reservation and Quality of Service, RSVP;
13	(1-6)	
		SUNDAY - 07.04.2024
	April	assignment-2
	(8-10)	Routing in Internet: RIP, OSPF
14	April	BGP; Internet Multicasting
14	<u> </u>	
	(12-13)	
		HOLIDAY - 11.04.2024 - ID-UL-FITR
	<u> </u>	SUNDAY - 14.04.2024
	April	Mobile IP
	(15-16)	Private Network Interconnection: Network Address Translation (NAT),
15	April	Fivate Network Interconnection. Network Address Translation (NAT),
	(18-20)	
		HOLIDAY - 17.04.2024 - RAM NAVMI
		SUNDAY - 21.04.2024
		Virtual Private Network (VPN); Internet Management: SNMP;
	April	Internet Security: IPSec, E-Mail Security
16	(22-27)	Web Security; Firewalls; Digital Signatures; Certificates;
	(22 27)	
		SUNDAY - 28.04.2024
	April	revision
17	(29-30)	revision
		in a section for a section and the section and
University Examinations w.e.f. 01.05.2024		

LESSON PLAN

SESSION 2023-24 (01.01.2024 to 30.04.2024)

Weekly Lesson Plan (Even Semester) UG (IV / VI - Semester) VI SEM

Name of the Paper:- OPERATING SYSTEM - II Class: BCA III

Name of the Teachers (Section Wise): DR. NEETU MANOCHA

WEEK	DATE	TODICS
WEEK	DATE	TOPICS
1	January (1-6)	Process Synchronization: The Critical Section Problem – Single Process/Two Process Solutions; Continue
	(1-0)	
		SUNDAY - 07.01.2024
2	January (8-13)	Semaphores – Types, Implementation, Deadlocks and Starvation;
		SUNDAY - 14.01.2024
		Classical Problems of
	January	Synchronization – The Bounded Buffer Problem,
3	(15-16) January (18-20)	The Readers and Writers Problem, The Dining- Philosophers Problem,
	HOLIDAY - 1	
	HOLIDAT - 1	SUNDAY - 21.01.2024
4	January (22-25) January (27)	Critical Regions, Monitors Directory Structure: Single Level, Two Level, Tree Structures,
		IOLIDAY 2C 01 2024 REPUBLIC DAY
		HOLIDAY - 26.01.2024 - REPUBLIC DAY SUNDAY - 28.01.2024
5	January (29-31) February (1-3)	Acyclic Graph, General Graph; Directory Implementation, Recovery Secondary Storage Structure: Disk Structure,
		SUNDAY - 04.02.2024

•		
		Disk Scheduling: FCFS,
		SSTF, SCAN,
	Fahmiami	C-SCAN,
6	February	LOOK;
	(5-10)	
		SUNDAY - 11.02.2024
		Selection of Disk Scheduling Algorithm;
	February	Disk Management; Swap Space Management
_	(12-13)	
7	February	Network Operating Systems: Remote Login, Remote
	(15-17)	
	HOLIDAY 14.02.2	2024 - BASANT PANCHMI/SIR CHHOTU RAM JAYANTI
		SUNDAY - 18.02.2024
		File Transfer;
		Distributed Operating System: X
		ASSIGNMENT - 1
8	February	File Transfer;
0	(19-24)	Distributed Operating System: Data Migration, Computation
		Migration, Process Migration
	1	SUNDAY - 25.02.2024
		Linux: Introduction, Features,
	Cohm.com.	A Line Birth ii
	February (26-29)	Architecture, Distributions,
9		Accessing Linux System, Login/Logout/Shutting Down,
	March	LOGORY STREETING DOWN,
	(1-2)	
		SUNDAY - 03.03.2024
	I	Comparison of Linux with other Operating Systems,
		Commands in
		Linux: General-Purpose Commands,
	March	,
10	(4-7)	File Oriented Commands, Directory Oriented Commands,
	March	2
	(9)	
	НС	DLIDAY - 08.03.2024 - MAHA SHIVRATRI
		SUNDAY - 10.03.2024
		Communication Oriented Commands,
		Process Oriented Commands,
		· · · · · · · · · · · · · · · · · · ·
		Redirection of Input and Output,
11	March	Redirection of Input and Output, Pipes
11	March (11-16)	Redirection of Input and Output, Pipes
11		
11		

SUNDAY - 17.03.2024

ı	l	CONDITIONAL TEST
		Linux File System: Types of Files in Linux,
		File Attributes, Structure of File System, inode, File
12	March	Permission,
12	(18-22)	i Crimosion,
	НС	OLI VACATION - 23.03.2024 - 31.03.2024
		File System Components, Standard File System, File System
		Types, Disk Related
		Commands
42	April	Processes in Linux: Introduction, Job Control in Linux using at,
13	(1-6)	batch, corn & time commands
		ASSIGNMENT - 2
		SUNDAY - 07.04.2024 The vi editor: Introduction Modes of vi Editor. Command in vi
		The vi editor: Introduction, Modes of vi Editor, Command in vi Editor
		Laitoi
	April	Shell Programming: Introduction, Shell Variables, Shell
	(8-10)	Keywords, Operators,
14	April	Assigning Values to the
	(12-13)	Variables, I/O in Shell, Control Structures, Creating & Executing
		Shell Programs in Linux.
		HOLIDAY 11 04 2024 ID III FITE
		HOLIDAY - 11.04.2024 - ID-UL-FITR SUNDAY - 14.04.2024
	April	REVISION
	(15-16)	REVISION
15	April	REVISION
	(18-20)	
		HOLIDAY - 17.04.2024 - RAM NAVMI
		SUNDAY - 21.04.2024 - RAW NAVWI
		Queries on Problem
		Queries on Problem
4.5	April	Queries on Problem
16	(22-27)	
		SUNDAY - 28.04.2024
	April	Queries on Problem
17	(29-30)	
	111	niversity Examinations w.e.f. 01.05.2024
Offiversity Examinations w.e.i. 01.05.2024		

LESSON PLAN

SESSION 2023-24 (01.01.2024 to 30.04.2024)

Weekly Lesson Plan (Even Semester)

UG (IV / VI - Semester)

Name of the Paper:-web desgining using advance tools Class: B.C.A 3rd

Name of the Teachers (Section Wise): Mrs. Neeru

WEEK	DATE	TORICS
WEEK	DATE	TOPICS
1	January (1-6)	Interactivity Tool - JavaScript: Introduction, Features, Data types, Operators, Statements, Functions, Event Handling Use of Predefined Object and Methods, Frames, Windows, Tables, Images, Links
		SUNDAY - 07.01.2024
2	January (8-13)	Interactivity Tool - VBScript: Introduction, Features, Variables, Data Types, Numeric and Literal Constants, Arrays, Operators, Subroutine Procedures,
		SUNDAY - 14.01.2024
3	January (15-16) January (18-20)	Function Procedures, Control Statements, Strings, Message and Input Boxes, Date and Time, Event Handlers, Embedding VBScript in HTML
	HOLIDAY -	17.01.2024-SHRI GURU GOBIND SINGH JI JAYANTI
SUNDAY - 21.01.2024		
4	January (22-25) January (27)	Model, Interactivity Tool - Active Script Pages – Introduction, Features, Client-Server Model, Data Types, Decision Making Statements, Control statements,
HOLIDAY - 26.01.2024 - REPUBLIC DAY		
SUNDAY - 28.01.2024		
5	January (29-31) February (1-3)	Use of Various Objects of ASP, Various Assignment 1 Techniques of Connecting to Database
		SUNDAY - 04.02.2024

7	February (5-10) February (12-13) February (15-17)	Other Interactivity Tools - Macromedia Flash, Macromedia Dreamweaver, PHP: Basic Introduction and Features U test-1 DHTML: Introduction, Features, Events, Dynamic Positioning, SUNDAY - 11.02.2024 Layer Object, Properties of STYLE, Dynamic Styles, Inline Styles, Event Handlers; Cascading Style Sheets (CSS):
	HOLIDAY 14.02	2.2024 - BASANT PANCHMI/SIR CHHOTU RAM JAYANTI
		SUNDAY - 18.02.2024
8	February (19-24)	Basic Concepts, Properties, Creating Style Sheets; Common Tasks with CSS: Text, Fonts, Margins, Links, Tables, Colors; Marquee; Mouseovers; Filters and Transitions; Adding Links; Adding Tables;
SUNDAY - 25.02.2024		
9	February (26-29) March (1-2)	Adding Forms; Adding Image and Sound; Use of CSS in HTML Documents Linking Embedding of CSS in HTML Document test-2
		SUNDAY - 03.03.2024
10	March (4-7) March (9)	Microsoft FrontPage: Introduction, Features, Title Bar, Menu bar, FrontPage Tool Bar,
HOLIDAY - 08.03.2024 - MAHA SHIVRATRI		
	ı	SUNDAY - 10.03.2024
11	March (11-16)	Style, FontFace and Formatting Bar, Scroll Bars assignment -2
		SUNDAY - 17.03.2024

HOLI VACATION - 23.03.2024 - 31.03.2024 (SHAHEEDI DIWAS - 23.03.2024) Structures in XMIL, April Creating Document Type Declarations, Flow Objects, SUNDAY - 07.04.2024 April (8-10) Color and Background Properties; Creating Document Type Declarations, 14 April (12-13) HOLIDAY - 11.04.2024 - ID-UL-FITR SUNDAY - 14.04.2024 April (15-16) April (18-20) HOLIDAY - 17.04.2024 - RAM NAVMI SUNDAY - 21.04.2024 April (18-20) HOLIDAY - 17.04.2024 - RAM NAVMI SUNDAY - 21.04.2024 XML: Introduction, Features, Fontface and Formatting Bar, Scroll Bars revision		March	XML: Introduction, Features, XML Support and Usage, Structure of XML Documents
Structures in XML, Creating Document Type Declarations, Flow Objects, SUNDAY - 07.04.2024 April (8-10) (8-10) April (12-13) HOLIDAY - 11.04.2024 - ID-UL-FITR SUNDAY - 14.04.2024 April (15-16) April (15-16) April (18-20) HOLIDAY - 17.04.2024 - RAM NAVMI SUNDAY - 17.04.2024 April (18-20)	12		Structure of Aivie Bocuments
(SHAHEEDI DIWAS - 23.03.2024) Structures in XML,			
Structures in XML, Creating Document Type Declarations, Flow Objects, SUNDAY - 07.04.2024 April (8-10) Color and Background Properties; Creating Document Type Declarations, HOLIDAY - 11.04.2024 - ID-UL-FITR SUNDAY - 14.04.2024 April (15-16) April (15-16) April (18-20) HOLIDAY - 17.04.2024 - RAM NAVMI SUNDAY - 21.04.2024 April April (18-20) April Color and Background Properties; Creating Document Type Declarations, HOLIDAY - 11.04.2024 - ID-UL-FITR SUNDAY - 14.04.2024 HOLIDAY - 17.04.2024 - RAM NAVMI SUNDAY - 21.04.2024 XML: Introduction, Features, FontFace and Formatting Bar, Scroll Bars revision		ŀ	
April (1-6) April (1-6) SUNDAY - 07.04.2024 April (8-10) 14 April (12-13) HOLIDAY - 11.04.2024 - ID-UL-FITR SUNDAY - 14.04.2024 April (15-16) April (18-20)		I	•
April (1-6) SUNDAY - 07.04.2024 April (8-10) 14 April (8-10) April (12-13) HOLIDAY - 11.04.2024 - ID-UL-FITR SUNDAY - 14.04.2024 April (15-16) April (18-20) HOLIDAY - 17.04.2024 April (18-20)			
SUNDAY - 07.04.2024 April (8-10) (8-10) (Pooling with Text and Font, Color and Background Properties; Creating Document Type Declarations, HOLIDAY - 11.04.2024 - ID-UL-FITR SUNDAY - 14.04.2024 April (15-16) (Morking with Text and Font, Color and Background Properties; (Structures in XML, Working with Text and Font, Color and Background Properties; (18-20) (Morking with Text and Font, Color and Background Properties; (18-20) (Morking with Text and Font, Color and Background Properties; (18-20) (Morking with Text and Font, Color and Background Properties; (18-20) (Morking with Text and Font, Color and Background Properties; (18-20) (Morking with Text and Font, Color and Background Properties; (18-20) (Morking with Text and Font, Color and Background Properties; (18-20) (Morking with Text and Font, Color and Background Properties; (18-20) (Morking with Text and Font, Color and Background Properties; (18-20) (Morking with Text and Font, Color and Background Properties; (18-20) (Morking with Text and Font, Color and Background Properties; (18-20) (Morking with Text and Font, Color and Background Properties; (18-20) (Morking with Text and Font, Color and Background Properties; (18-20) (Morking with Text and Font, Color and Background Properties; (18-20) (Morking with Text and Font, Color and Background Properties; (18-20) (Morking with Text and Font, Color and Background Properties; (18-20) (Morking with Text and Font, Color and Background Properties; (18-20) (Morking with Text and Font, Morking with Text and Font, Mor		April	
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SUNDAY - 28.04.2024			
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University Examinations w.e.f. 01 05 2024			Jniversity Examinations w.e.f. 01.05.2024

LESSON PLAN

SESSION 2023-24 (01.01.2024 to 30.04.2024)

Weekly Lesson Plan (Even Semester)

UG (6th - Semester)

Name of the Paper:- Computer Graphics Class: BCA

Name of the Teachers (Section Wise): Mohit

WEEK	DATE	TOPICS	
VVEEN	DATE	TOPICS	
1	January		
_	(1-6)	Introduction to Computer Graphics	
		nteractive and Passive Graphics	
		Applications of Computer Graphics; Display Devices: CRT	
		SUNDAY - 07.01.2024	
	January		
2	(8-13)	Pandam Scan Pactor Scan	
	(8 13)	Random Scan, Raster Scan Refresh Rate and Interlacing	
		Bit Planes, Color Depth, Color Palette	
		SUNDAY - 14.01.2024	
SUNDAY - 14.01.2024			
	January		
3	-		
	(15-16)		
	January	Color CRT Monitor, DVST	
	(18-20)	Flat-Panel Displays: Plasma Panel, LED,	
		LCD; Lookup Table, Interactive Input Devices	
	HOLIDAY - 1	17.01.2024-SHRI GURU GOBIND SINGH JI JAYANTI	
SUNDAY - 21.01.2024			
	January		
	-		
4	(22-25)		
	January	Display Processor, General Purpose Graphics Software	
	(27)	Coordinate Representations;	
HOLIDAY - 26.01.2024 - REPUBLIC DAY			
SUNDAY - 28.01.2024			
	I	30NDA1 - 20:01:2024	
5	January		
	(29-31)		
	February	Point-Plotting Techniques: Scan Conversion, Scan-Converting a Straight	
	(1-3)	Line:	
	(1.5)	The Symmetrical DDA, The Simple DDA,	
		Bresenham's Line Algorithm; Scan-Converting a Circle:	
SUNDAY - 04.02.2024			

	I	
	February	
6	(5-10)	Circle drawing using Polar Coordinates
	(5 = 5)	Bresenham's Circle Algorithm,
		Scan-Converting an Ellipse:
		SUNDAY - 11.02.2024
	February	
	1	
7	(12-13)	Polynomial Method, Trigonometric Method
	February	Polygon Area Filling:
	(15-17)	Scan-line Fill and Flood Fill Algorithms;
	HOLIDAY 14.02.	2024 - BASANT PANCHMI/SIR CHHOTU RAM JAYANTI
		SUNDAY - 18.02.2024
	Fob.w.o.w.	
8	February	
	(19-24)	Two-Dimensional Graphics Transformation:
		Basic Transformations Revised
SUNDAY - 25.02.2024		
	February	
	(26-29)	
9	March	conditional
	(1-2)	Translation, Rotation, Scaling; Matrix Representations and Homogeneous Coordinates;
		SUNDAY - 03.03.2024
		30NDAT - 03.03.2024
	March	
	(4-7)	
10	March	
	(9)	Other Transformations: Reflection, Shearing
		Coordinate Transformations; Composite Transformations;
HOLIDAY - 08.03.2024 - MAHA SHIVRATRI		
SUNDAY - 10.03.2024		
11	_	
	March	
	(11-16)	Inverse Transformation; Affine Transformations;
		Raster Transformation;
		Graphical Input: Pointing and Positioning Devices and Techniques
		SUNDAY - 17.03.2024

12	March (18-22)		
	(== ==,	Two-Dimensional Viewing: Window and Viewport	
		2-D Viewing Transformation Clipping: Point Clipping	
	НС	OLI VACATION - 23.03.2024 - 31.03.2024	
		(SHAHEEDI DIWAS - 23.03.2024)	
13	April (1-6)	Line Clipping: Cohen-Sutherland Line Clipping Algorithm, Mid-Point Subdivision Line Clipping Algorithm; Polygon Clipping: Sutherland-Hodgman Polygon Clipping Algorithm;	
		SUNDAY - 07.04.2024	
		30(DA) 0/10412024	
14	April (8-10) April (12-13)	conditional Three-Dimensional Graphics: Three-Dimensional Display Methods; 3-D Transformations: Translation,	
		HOLIDAY - 11.04.2024 - ID-UL-FITR	
		SUNDAY - 14.04.2024	
15	April (15-16) April (18-20)	Rotation, Revised	
		HOLIDAY - 17.04.2024 - RAM NAVMI	
SUNDAY - 21.04.2024			
16	April (22-27)	Scaling; Composite Transformations; Revised	
		SUNDAY - 28.04.2024	
17	April (29-30)	Revised	
	Un	niversity Examinations w.e.f. 01.05.2024	
University Examinations w.e.r. 01.05.2024			