I.B. (PG) COLLEGE, PANIPAT

LESSON PLAN
SESSION 2023-24 (15.02.2024 to 15.05.2024)

Weekly Lesson Plan (Even Semester)

UG (2nd Semester)

Name of the Paper:- Object Oriented Programming using C++   Class: BCA

Name of the Teachers (Section Wise) : MOHIT

WEEK	DATE	TOPICS
1	February (15-17)	
SUNDAY - 18.02.2024		
2	February (19-24)	Input Output in C++: Unformatted and formatted
		I/O using insertion and extraction operators and streams inc++
		Revised
HOLIDAY - 24.02.2024 - GURU RAVIDAS JAYANTI		
SUNDAY - 25.02.2024		
3	February (26-29) March (1-2)	Function: Declaration and Definition , return value
		argumants , passing parameters by value
		call by reference
SUNDAY - 03.03.2024		
4	March (4-7) March (9)	call by pointer,Recursion
		inline function, function overloading
		Pointers
HOLIDAY - 08.03.2024 - MAHA SHIVRATRI		
SUNDAY - 10.03.2024		
5	March (11-16)	Assignment
		Revised
		structure and union
SUNDAY - 17.03.2024		

			structure and union
6	**March**	**(18-22)**	Conditional test
			Revised

HOLI VACATION - 23.03.2024 - 31.03.2024
(SHAHEEDI DIWAS - 23.03.2024)

			object oriented features of c++: class and objects, data hinding and encapsulation,
			abstraction, Data members and member function
7	**April**	**(1-6)**	accessing class member, empty class, local class
			global class, scope resolution operator and its uses

SUNDAY - 07.04.2024

			static data members, static member function
	April	**(8-10)**	structure v/s class, friend function and friend class.
8	**April**	**(12-13)**	constructor and destructors: constructor , instantiation of objects, Default constructor,

HOLIDAY - 11.04.2024 - ID-UL-FITR
SUNDAY - 14.04.2024

			Parameterized constructor and its uses, Destructor, Dynamic initialization of object.
	April	**(15-16)**	operator overloading :Overloading unary and binary operation:arithmetic operator,manipulation of string using operators
9	**April**	**(18-20)**	inhertance: Derived class, base class, accessing the base class member

HOLIDAY - 17.04.2024 - RAM NAVMI
SUNDAY - 21.04.2024

			inhertance:multilevel,multiple,hierarchical , hybrid , virtual base class, abstract class
			virtual function,pure virtual function,polymorphism and its types
10	**April**	**(22-27)**	Exception handling: exception handling model ,exception handling construct-try,throw,catch,

SUNDAY - 28.04.2024

			order of catchblocks,catching all exception,
	April	**(29-30)**	Revised
11	**May**	**(1-4)**	handling uncaught exceptions

SUNDAY - 05.05.2024

12	**May (6-11)**	Revised
		Revised
		Revised
HOLIDAY - 10.05.2024 - PARSHURAM JAYANTI/AKSHYA TRITYA	
	SUNDAY - 12.05.2024	
13	**May (13-15)**	Revised
		Revised
		Revised

I.B. (PG) COLLEGE, PANIPAT

LESSON PLAN

SESSION 2023-24 (15.02.2024 to 15.05.2024)

Weekly Lesson Plan (Even Semester)

UG (Major/Minor / AEC / MDC/ SEC / VAC) Ist Year (2nd Semester)

Name of the Paper:- web technologies   Class: BCA 1st

Name of the Teachers (Section Wise) : Mrs Anju, Ms Preeti

WEEK	DATE	TOPICS
1	**February (15-17)**	
SUNDAY - 18.02.2024	
2	**February (19-24)**	introduction to internet and WWW : evolution and history of world wide web, web page contents
HOLIDAY - 24.02.2024 - GURU RAVIDAS JAYANTI	
SUNDAY - 25.02.2024	
3	**February (26-29) March (1-2)**	web clients, web server, web browser: hyper text transfer protocol, url, seraching engine.
SUNDAY - 03.03.2024	
4	**March (4-7) March (9)**	serach tools, creating a webssite and introduction HTML and DHTMLhtml documents features and fundamentals, html elements creating links:
HOLIDAY - 08.03.2024 - MAHA SHIVRATRI	
SUNDAY - 10.03.2024	
5	**March (11-16)**	header: text styles: text structuring: text colour and background: formating text: page layouts
SUNDAY - 17.03.2024	

6	March (18-22)	test-1 image: order and unorder listss: inserting graphic: table creation and layouts:
	HOLI VACATION - 23.03.2024 - 31.03.2024 **(SHAHEEDI DIWAS - 23.03.2024)**	
7	April (1-6)	frame creation and layouts: working with forms and menu: working with radio buttons: check boxes: text boxes, HTML5
	SUNDAY - 07.04.2024	
8	April (8-10) April (12-13)	introduction to CSS : feature, core syntax, types, style sheets and HTML, style rule cascading and inheritance, text properties CSS
	HOLIDAY - 11.04.2024 - ID-UL-FITR	
	SUNDAY - 14.04.2024	
9	April (15-16) April (18-20)	assignment-1 revision, revision
	HOLIDAY - 17.04.2024 - RAM NAVMI	
	SUNDAY - 21.04.2024	
10	April (22-27)	box model, normal flow box layout, position and other useful style properties of Css3
	HOLIDAY - 17.04.2024 - RAM NAVMI	
	SUNDAY - 28.04.2024	
11	April (29-30) May (1-4)	assignment-2 The nature of java script: evolution of scripting language, java script - definition, programming for non - programmers
	SUNDAY - 05.05.2024	
12	May (6-11)	intoduction to client- slideprogramming, enhancing HTML documents with javascript. Static and dynamic web page
	HOLIDAY - 10.05.2024 - PARSHURAM JAYANTI/AKSHYA TRITYA	
	SUNDAY - 12.05.2024	
13	May (13-15)	revision

revision

I.B. (PG) COLLEGE, PANIPAT

LESSON PLAN

SESSION 2023-24 (15.02.2024 to 15.05.2024)

Weekly Lesson Plan (Even Semester)

UG (MDC) Ist Year (2nd Semester)

Name of the Paper: Entreprenuership and Startup Class: B.A 1st Year, B.C.A 1st year & B.A Hons

Name of the Teachers (Section Wise) : Bhawna Saluja

WEEK	DATE	TOPICS
1	**February (15-17)**	Entrepreneurship: Meaning and significance
	SUNDAY - 18.02.2024	
2	**February (19-24)**	eneurship: Meaning and significance, Entrepreneurial Devel
	HOLIDAY - 24.02.2024 - GURU RAVIDAS JAYANTI	
	SUNDAY - 25.02.2024	
3	**February (26-29) March (1-2)**	Relationship B/W Entreprenuership Development & Economic Development, Entrepreneur- Qualities & Competencies
	SUNDAY - 03.03.2024	
4	**March (4-7) March (9)**	Types of Entreprenuers, Entrepreneurial Support System
	HOLIDAY - 08.03.2024 - MAHA SHIVRATRI	
	SUNDAY - 10.03.2024	
5	**March (11-16)**	Family Business: Contribution & Entrepreneurship
	SUNDAY - 17.03.2024	

6	March (18-22)	Role Of Educational Institutions in Promoting Entrepreneurship Culture, Role of Government, Promoting Entrepreneurship Development
HOLI VACATION - 23.03.2024 - 31.03.2024 **(SHAHEEDI DIWAS - 23.03.2024)**		
7	April (1-6)	Role of Promotional and Institutions in promoting Entrepreneurship Development
SUNDAY - 07.04.2024		
8	April (8-10) April (12-13)	Incentives and Financial Schemes for Entrepreneurs
HOLIDAY - 11.04.2024 - ID-UL-FITR		
SUNDAY - 14.04.2024		
9	April (15-16) April (18-20)	Opportunity Identification Process
HOLIDAY - 17.04.2024 - RAM NAVMI		
SUNDAY - 21.04.2024		
10	April (22-27)	Business Plan
HOLIDAY - 17.04.2024 - RAM NAVMI		
SUNDAY - 28.04.2024		
11	April (29-30) May (1-4)	Start- Up India Initiative
SUNDAY - 05.05.2024		
12	May (6-11)	Major Players/Stakeholders in Startup Ecosystem
HOLIDAY - 10.05.2024 - PARSHURAM JAYANTI/AKSHYA TRITYA		
SUNDAY - 12.05.2024		
13	May (13-15)	Revision

I.B. (PG) COLLEGE, PANIPAT
LESSON PLAN
SESSION 2023-24 (15.02.2024 to 15.05.2024)

Weekly Lesson Plan (Even Semester)
UG (MDC Ist Year (2nd Semester)
Name of the Paper:- Basics of Marketing Class: B.SC, BCA
Name of the Teacher:-Prof.Sonia Virmani

WEEK	DATE	TOPICS
1	February (15-17)	Introduction of syllabus,Marketing: Concept, nature,scope,importance
SUNDAY - 18.02.2024		
2	February (19-24)	Evolution of Marketing ,Marketing environment:Concept,importance ,Micro environmental factors: Suppliers Market intermediaries
HOLIDAY - 24.02.2024 - GURU RAVIDAS JAYANTI		
SUNDAY - 25.02.2024		
3	February (26-29) March (1-2)	Customers, Competitors,Public:Macro environmental factors: Demographic, economic, natural ,technological,socio cultural
SUNDAY - 03.03.2024		
4	March (4-7) March (9)	Consumer behaviour: Concept,nature and importance, Consumer buying decision process
HOLIDAY - 08.03.2024 - MAHA SHIVRATRI		
SUNDAY - 10.03.2024		
5	March (11-16)	factors influencing consumer buying behaviour,Market Segmentation: Concept,importance and bases
SUNDAY - 17.03.2024		
6	March (18-22)	Target market selection:Positioning: Concept,importance and bases, revision of topics
HOLI VACATION - 23.03.2024 - 31.03.2024 (SHAHEEDI DIWAS - 23.03.2024)		
7	April (1-6)	Product: Concept, importance and classification:Branding, packaging and labelling: Product life cycle
SUNDAY - 07.04.2024		
8	April (8-10) April (12-13)	Group discussion,New product development:Pricing: Concept, Significance,Price determination
HOLIDAY - 11.04.2024 - ID-UL-FITR		
SUNDAY - 14.04.2024		

9	**April (15-16) April (18-20)**	ASSIGNMENT,Pricing methods,pricing policies and strategies

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10	**April (22-27)**	Promotion: Nature and importance, Advertising, personal selling,sales promotion

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11	**April (29-30) May (1-4)**	MID TERM EXAM. Public relations, Factors affecting promotion mix decision Distribution: Concept, importance

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12	**May (6-11)**	Types of distribution channels, Factors affecting choice of distribution channel

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13	**May (13-15)**	Retailing , Wholesaling, Revision

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LESSON PLAN

SESSION 2023-24 (15.02.2024 to 15.05.2024)

Weekly Lesson Plan (Even Semester)

UG (2nd Semester)

Name of the Paper:- Concepts of Operating Systems   Class: BCA-I

Name of the Teachers (Section Wise) : Ashwani Gupta

WEEK	DATE	TOPICS
1	February (15-17)	Introductory Concepts: Operating System, Functions and Characteristics, Historical Evolution of Operating Systems
SUNDAY - 18.02.2024		
2	February (19-24)	Operating System Structure.
		Types of Operating System: Real-time, Multiprogramming, Multiprocessing, Batch processing.
HOLIDAY - 24.02.2024 - GURU RAVIDAS JAYANTI		
SUNDAY - 25.02.2024		
3	February (26-29) March (1-2)	Operating System Services, Operating System Interface, Service System Calls, and System Programs.
		Process Management: Process Concepts, Operations on Processes, Process States, and Process Control Block.
		Inter-Process Communication.
SUNDAY - 03.03.2024		
4	March (4-7) March (9)	CPU Scheduling: Scheduling Criteria, Levels of Scheduling, Scheduling Algorithms, Multiple Processor Scheduling, Algorithm Evaluation.
HOLIDAY - 08.03.2024 - MAHA SHIVRATRI		
SUNDAY - 10.03.2024		
5	March (11-16)	Synchronization: Critical Section Problem, Semaphores, Classical Problem of Synchronization, Monitors.
		Deadlocks: Deadlock Characterization, Methods for Handling Deadlocks, Deadlock Prevention,
		Deadlock Avoidance, Deadlock Detection and Recovery.
SUNDAY - 17.03.2024		

6	March (18-22)	Memory Management Strategies: Memory Management of Single-user and Multiuser Operating Systems, Partitioning

HOLI VACATION - 23.03.2024 - 31.03.2024
(SHAHEEDI DIWAS - 23.03.2024)

7	April (1-6)	Memory Allocation, Paging and Segmentation; Virtual Memory Management: Demand Paging, Page Replacement Algorithms, Thrashing.

SUNDAY - 07.04.2024

8	April (8-10) April (12-13)	Implementing File System: File System Structure, File System Implantation,
		File Operations, Type of Files, Directory Implementation, Allocation Methods, and Free Space Management.

HOLIDAY - 11.04.2024 - ID-UL-FITR
SUNDAY - 14.04.2024

9	April (15-16) April (18-20)	Disk Scheduling algorithm
		SSTF, Scan,

HOLIDAY - 17.04.2024 - RAM NAVMI
SUNDAY - 21.04.2024

10	April (22-27)	SSTF, Scan,
		C- Scan, Look, C-Look. SSD Management.

SUNDAY - 28.04.2024

11	April (29-30) May (1-4)	• Working with various operating systems, and performing different operations using operating systems.

SUNDAY - 05.05.2024

12	May (6-11)	• Write a program to print file details including owner access permissions, and Write a program to copy files using system calls.

HOLIDAY - 10.05.2024 - PARSHURAM JAYANTI/AKSHYA TRITYA
SUNDAY - 12.05.2024

13	May (13-15)	• Write a program to implement the FCFS scheduling algorithm. • Write a program to implement the Round Robin scheduling algorithm. • Write a program to implement the SJF scheduling algorithm. • Write a program to implement a non-preemptive priority-based scheduling algorithm