

K. Sultana

LESSON PLAN

Degree/Diploma/+2 Science
(Theory/Pract/Lab/Workshop)

Semester 3rd, DS

Branch CSE

Month & Date	Course No. & Title	Brief note of the topics to be covered	No. of Classes Required
1.8.23	Module 1	Introduction, Explain data, information, data types, Define ds and Explain it.	
2.8.23		Explain Abstract data types, Discuss Algorithms and its Complexity.	
3.8.23		Explain time, space & tradeoff.	
4.8.23	Module 2	String processing, Explain Basic terminology, storing strings, State character Data type.	
5.8.23		Discuss string operations,	
7.8.23	Module 3	Give Introduction about Array, Discuss Linear Arrays, inserting and deleting elements. Discuss	
8.8.23		Linear Arrays, representation of two dimensional arrays in Memory.	
9.8.23		Explain traversing linear arrays, inserting and deleting elements.	
10.8.23	Module 4	Discuss multidimensional arrays, representation of two dimensional arrays in memory.	
11.8.23		Give Fundamental idea about Stacks and queues. Explain array representation of stacks.	
12.8.23		Explain arithmetic expression, Polish notation and Conversion. Discuss application	
14.8.23	Module 5	of stack, recursion, Discuss queues, circular queue, priority queues.	
16.8.23		Give Introduction about linked list, Explain representation of linked list in	
17.8.23		Memory Discuss traversing a linked list, searching.	
18.8.23		Discuss garbage collection, Explain Insertion into a linked list, Deletion from a linked list.	

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LESSON PLAN

Degree/Diploma/+2 Science
(Theory/Pract/Lab/Workshop)

Semester 3rd

Branch CSE, Practical DS

Month & Date	Course No. & Title	Brief note of the topics to be covered	No. of Classes Required
22.8.23 22.8.23	EX-1	Implementation of 1D and 2D Array	
29.8.23	EXP-2	Implementation of stack	
5.9.23 21.8.23	EXP-3	pointer and it's application	
12.9.23 28.8.23	EXP-4	structure & union	
26.9.23	EXP-5	Implementation of Insertion and deletion in stack	
3.10.23	EXP-6	Implementation of Insertion and deletion in queue	
10.10.23	EXP-7	Implementation of Bubble Sort	
17.10.23	EXP-8	Implementation of Quick Sort	
31.10.23	EXP-9	Implementation of Binary tree traversal	
7.11.23	EXP-10	Implementation of linear Search	
14.11.23	EXP-11	Implementation of insertion and deletion in Linked list.	
21.11.23	EXP-12	Implementation of Binary Search.	

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LESSON PLANDegree/Diploma/+2 Science
(Theory/Pract/Lab/Workshop)Semester 5th DWT Branch CSE

Month & Date	Course No. & Title	Brief note of the topics to be covered	No. of Classes Required
01/10/24	DWT	Web Analysis	2
7/10/24	"	Website Survey	4
8/10/24	"	URLS - Cookies	3
14/10/24	"	SEO and PPC	5
15/10/24	DWT	Formaking Code	4
21/10/24	"	Google Analytics	6
22/10/24	"	Intelligence and Analytics 2.0	3
28/10/24	"	Customer Data Asset	10
29/10/24	DWT	Segmentation	8
04/11/24	"	Measuring E-mail	9
05/11/24	"	Search Analytics	7
11/11/24	"	Accounts vs Properties	8
12/11/24	"	Demographics	7
18/11/24	"	Adsense Linking	5
19/11/24	DWT	Campaign Tracking	6

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LESSON PLANDegree/Diploma/+2 Science
(Theory/Pract/Lab/Workshop)Semester 5th semBranch CSE, DWT Practical

Month & Date	Course No. & Title	Brief note of the topics to be covered	No. of Classes Required
2/8/23	EXP-1	Design PHP based web pages using correct PHP,	
9.8.23		CSS and XHTML Syntax & Structure.	
16.8.23	EXP-2	Create web forms and pages that properly use	
23.8.23		HTTP GET and post protocol as appropriate.	
5.9.23	EXP-3	Design SQL language with MySQL and PHP	
13.9.23		to access and manipulate databases.	
27.9.23	EXP-4	Install and configure both PHP and MySQL.	
4.10.23	EXP-5	Create PHP code that utilizes the commonly used API library functions built into PHP.	
11.10.23			
18.10.23	EXP-6	Design and create a complete web site that demonstrate good PHP/MySQL client/Server design.	
11.11.23			
8.11.23	EXP-7	To store a cookie using PHP on client side.	
15.11.23	EXP-8	To save the user session on server side.	
22.11.23	EXP-9	Design website.	