

Enrollment No.						
Student Name						
Course Name		Data Structure				
Expert Name						
Module Name	Days	Topic	Sub - Topics	Trainee Sign	Trainer Sign	Date
Introduction	Day - 1	Importance of Data Structure	Introduction, why data structure, time complexity			
	Day - 2		Data Management concepts, Data Structure type			
Linear Data Structure	Day - 3	Array	Introduction to Array			
	Day - 4		Two dimensional Array			
	Day - 5		Performing Matrix Operation			
	Day - 6		Multi Dimensional Array / Sparsh Matrix			
	Day - 7	Stack	Stack-Definitions & Concepts,			
	Day - 8		Applications of Stack - push, pop, peep			
	Day - 9	Queue	Representation and Operations On Queue			
	Day - 10		Circular Queue, Priority Queue, Deque			
	Day - 11	Linked List	Linked List - Introduction and operation			
	Day - 12		Types of Linked List			
Day - 13	Soft Skill Session - 1					
NONLINEAR DATA STRUCTURE	Day - 14	Tree	Tree-Definitions and Concepts			
	Day - 15		Binary tree traversal			
	Day - 16		BST vs Linerar Search			
	Day - 17		Types of tree structure			
	Day - 18	Graph	Introduction to Graph, Matrix Representation Of Graphs			
	Day - 19		BFS vs DFS			
Sorting and hashing	Day - 20	Sorting	Bubble Sort, Selection Sort			
	Day - 21		Bucket Sort, Insertion Sort			
	Day - 22		Merge Sort			
	Day - 23		Quick Sort			
	Day - 24	Soft Skill Session - 2				
	Day - 25	Hasing	Introduction to Hashing (Key - value)			
	Day - 26		hash table advantage and introduction			
Day - 27	Exam					
Exam Result						
Comments						