Vidya Jyothi Institute of Technology

(Accredited by NAAC & NBA , Approved By A.I.C.T.E., New Delhi) permanently affliated JNTUH (Aziz Nagar, C.B.Post, Hyderabad -500075) (AUTONOMOUS)

Innovative /Student Centric Teaching Method Form

Innovative Technique implemented: Interactive Learning (Seminars)

Subject: Data Structures

Name of the Faculty: B.Sailaja

Class/ Section: II B.Tech I-Sem CSE-B

Implementation:

Objective: "Students gain a better understanding of the subject"

Out Class activity: Made groups and Topic Sent via Channel/Source : "WhatsApp"

Given detailed instructions to students how to give the seminar.

In-class Activity: Seminars are presented by groups on a specific topic allocated to them by presenting ppt

Group No	Roll No	Торіс	Date
1.	596,594,5A6,5B0,5B7	Data Structures Introduction, Types, Representation	7/1/21
2.	5A9,598,567,582,595	Stack operations, Applications	8/1/21
3.	563,573,599,5A7,5B8	Queue operations, Applications	13/1/21

4.	580,587,5A4,577,566	Trees, Terminology, Representation of Trees	20/1/21
5.	5A8,591,5A5,5B4,5B5,18- 517	Binary Search Tree	21/1/21
6.	589,590,5B9,584,569	AVL tree- Insertion,	22/1/21
		Rotations	
7.	564,581,586,592,593	AVL tree- Deletion, Rotations	27/1/21
8.	5A2,562,5A0,583,5A3,18- 526	Binary Tree, Tree Traversals	28/1/21
	520	,Threaded Binary Tree	
9.	5B1,597,585,576,571	Red black Trees, m ary Trees,	29/1/21
		B tree, B+tree	
10.	572,561,5B3,5B2,578	Graphs, Terminology,	3/2/21
		Representation Of Graphs	
11.	574,570,588,565,568	Graph Traversals	4/2/21
12.	575,579,5B6,5C0,5A1	Spanning Trees, Minimum	5/2/21
		Spanning Trees	





Outcome: Ensure positive learning outcomes related to communication, depth of knowledge of subjects, and the ability to synthesize, evaluate and reflect on information