

## WORK PLAN (Odd Semester August-December 2023)

Paper Name: Data Structures  
Course: B.Sc.(H) Computer Science ( III<sup>rd</sup> Semester)  
Teacher Name: Dr. Nidhi Arora

S.No.	Month	Content
1	August-2023 –Mid September 2023	Arrays , Stack and Queues , Application of Stacks + Queues, Recursion  Practical exercises + Class test
2	September 2023	1. Lists • singly, doubly, and circular Linked Lists. 2. Array +Linked implementation of Stacks and Queues  Lab Practice + Assignment 1
3	October-2023	Trees , Binary Search Trees Lab Practice , Class Test, Presentation
4	November 2023	Heap , Balanced Search Trees  Lab Practice + Assignment 2
5	December 2023	Growth of Functions, Recurrence Relations  Revision
Lab Exercises, Assignments and Presentations will be covered as per listed topics throughout the session		