



A
REPORT
On
Presentation of Data Structure Concepts
Of
MCA Sem-I

Date: **05/01/2023**

Time: 8:30am - 10:30am

Prepared By:

Dr. Rupali Pawar

Verified By:

Dr. Rajesh Kashyap





1. EVENT DETAILS

Event Type : Presentation of Data Structure Concepts

Description : Institute level

Title : Presentation on Data Structure Concepts

Organizer : MCA, ZIBACAR

Venue : Zeal Playground

Date & Duration : 05/01/2023, 8.30am to 10:30am





2. CONCEPTION OF THE PROGRAMME

ZIBACAR organized a Presentation on Data structure concepts competition on 05th January 2023 from 8.30am to 10.30am. All the 1st year MCA students participated in the competition. The purpose of the program was to clear the basic concepts of data structures e. g. Linked list, Stack, Queue, and Tree etc among students. Six to seven student groups were created and one data structure was allocated for each group. Students were explained the basic concepts of data structure by using different ideas. They explained the basic properties of data structure and operations with the help of live demonstration (e.g . Students stack, queue and tree etc.) students of hidden talent in them of innovative thinking and team building abilities.

3. OBJECTIVES

- To clear the basic concepts of data structure among students.
- To make students familiar with various operations on different data structures.
- To improve the presentation skills of students.
- To encourage students to think in different ways to present their ideas and learn the data structures.

4. OUTCOME OF THE EVENT

- Students were motivated to present different data structures with new ideas.
- Students got knowledge about different data structures.
- Students got a clear idea about different operations on data structures with live demonstration.

5. VENUE

Zeal Playground

6. PREPARATION OF THE EVENT

Notice was circulated for ZEAL INSTITUTE OF BUSINESS ADMINISTRATION, COMPUTER APPLICATION AND RESEARCH, PUNE, MCA first year Students.





7. PARTICIPANTS

All the first year MCA Students and faculty members of ZIBACAR, Pune.

8. EXECUTIVE SUMMARY

The MCA course organized the Presentation on Data structure concepts competition on 05 January 2023 at 8.30am to 10.30am. The main objective of the competition was to clear the basic concepts of data structures e. g. Linked list, Stack, Queue, and Tree etc among students. Total students were divided into nine groups and one data structure was allocated for each group. Students were explained the basic concepts of data structure by using different ideas. They explained the basic properties of data structure and operations with the help of live demonstration (e.g. Students stack, queue and tree etc.) This competition helps to improve students' knowledge about different data structures, presentation skills and innovative thinking about data structure and team building abilities.

The competition was open to all first year MCA students of ZIBACAR. Total 59 students and 3 faculty members were present for this activity. The students presented concepts of data structures using their ideas. Three winners were declared from this competition.

9. CONTRIBUTION OF THE MANAGEMENT

Management was very supportive during the planning and overall Program. Dr. Rishikaysh Kaakandikar, Dr. Rajesh Kashyap, Dr. Babasaheb Mohite, and Dr. Rupali Pawar were the key people motivating & supporting throughout the activity.





10. PHOTOGRAPHS:



Activity group photo



Implementation of Stack





Implementation of Priority Queue using linked list



Implementation of Binary Search Tree

Ayush
Event Coordinator
(ZIBACAR)

Rishikesh
Director
(ZIBACAR)

Rishikesh
Head
(ZGMI)

