



Report on ITM

Faculty Name: Ms Kaneez Fatima

Year/Semester: II-I Sem

Course: DataStructures

Adopted Teaching Methodology: Role Play Based Learning

Date: 11-01-2021

Topic: Merge Sort

Description:

Students take on assigned roles and act out those roles through a scripted play. The role play can be carried out one-to-one (individual role play) or as a group role play with each member in the group taking on a role/character. Here we are implemented with the topic **Merge Sort** in **Data Structures** and the session was supervised by Ms Kaneez Fatima.

The outcome of the methodology is a The Merge Sort algorithm is one of the most popular algorithms for sorting an array. Merge Sort algorithm is based on the principle of divide and conquer. This algorithm is a bit complex. Here, we divide the unsorted array into two halves. Again, the two halves are divided into two halves. This process continues till the smallest blocks are received and no further division is possible.

