

**Velammal College of Engineering and Technology, Madurai - 625 009
(Autonomous)**

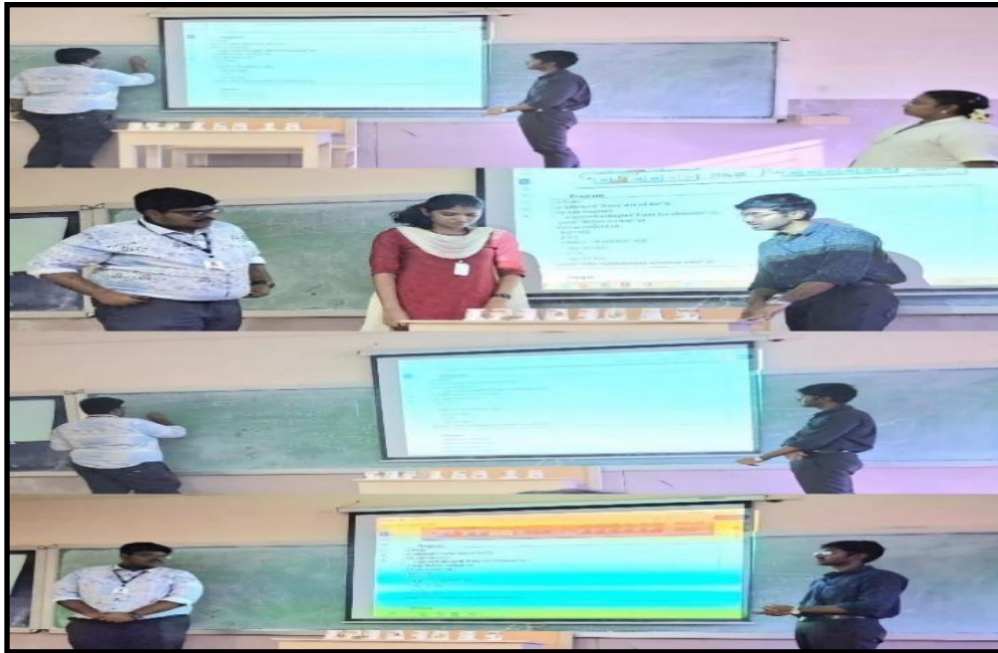
**Department of Artificial Intelligence and Data Science
Innovative Teaching Methodology**

Name of the Course : Problem Solving and Python Programming

Topic : Sorting Techniques

Course In-charge : Dr. S. Sasikala, Prof & Head/AI&DS

Innovative Method :Role Play



Role Play was implemented for the topic “Sorting Techniques”. Students involved in explaining the concept of sorting techniques by taking different roles as sorting types. Selection sort, insertion sort, Merge sort have been taken as roles by different students and was explained using paper cups.

Students Involved

1. Naveen Prabhu
2. Mohamed Salman
3. HaanikaIshani
4. Shanjeeth

Name of the Course: Data Structures Design Using Python

Topic: Abstract Classes in Python

Course In-charge: Dr. T. Thenmozhi, AP-I/AI&DS

Innovative Method: Active Learning Method



Description

Active Learning method was implemented for the topic “Abstract Classes in Python”. The Active Learning Method allows all students to engage in their learning by thinking, discussing, investigating, and creating. Students will be able to practice skills, solve problems, struggle with complex questions, make decisions, propose solutions, and explain ideas in their own words through writing and discussion”.

Students Involved: Students actively and voluntarily participated in the Active Learning Method.