

Course	Data Structures	Year / Semester	II / I
Topic	Advanced Data Structures	Innovative Method Chosen	Flipped Classroom

Flipped Classroom:

Flipping the classroom is an inverting the classroom approach to teaching. In this approach, the traditional in-class teaching is "flipped" to better meet the needs of individual learners. Students gain control of the learning process through studying course material outside of class, using readings, pre-recorded video lectures. It helps the faculty/lecturer to redefine in-class activities and include homework problems and keep the students engaged in the content.

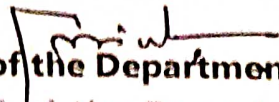
Details of the Implementation:

- ✦ The learning materials were posted to the students in canvas two days before the topic discussion.
- ✦ The students are instructed to study the material and take notes on the topic based on their understanding.
- ✦ On the day of the activity the students were grouped into a team of 2 members and they are asked to discuss about the topic they learnt in their home through the study materials for the duration of 10 minutes
- ✦ Based on the study material they have gone through, the problems were given for each group separately and by discussing with their team members they have solved it






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