**Report on Using Active Learning strategies in class of Msc.(IT)**

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Subject: Natural Language Processing

Class: Msc.IT(Part II-Sem 3)

Following Active Learning Methods were implemented in class:

1. Flipped Classroom with Think Pair Share(TPS)

In order to implement this method, reading material to be provided to students were prepared along with extra reading references. Students were notified about the session one week prior via Google Classroom, where in notice and reading material was put up. Students had to go through the material and references and try to understand the matter and make of list of difficulties and doubt to discuss in class on the day fixed for session.

On the day of session, students were made to sit in a group of 2. The reading material was discussed and doubts were cleared using method “Think Pair Share”.

At the end of the session, students feedback along with session evaluation was taken to ensure that students have understood the topic.

2. Problem solving with Pair Programming

Assignments in form Programming on challenging issues and methods in NLP were given which students had to do in a group of two using the method “Pair Programming”. Evaluation at individual level was done for each student keeping in consideration his/her contribution to the assignment.

3. Round table conference with brain storming

About 30% of lectures conducted we implemented in the form of Round Table Conference. Students were made to sit in round table form and discussion was initiated on the topic covering all aspects of the topic.