**RESEARCH TOPIC: PLACEMENT PREDICTION**

**ABSTRACT**

Data mining methodology can analyse relevant information results and produce different perspectives to understand more about the student’s activities. When designing an educational environment, applying data mining techniques discovers useful information that can be used in formative evaluation to assist educators establish a pedagogical basis for taking important decisions.

Mining in education environment is called Educational Data Mining. Educational Data Mining is concerned with developing new methods to discover knowledge from educational database and can be used for decision making in educational system.

In this study, we collected the student’s data that have different information about their previous and current academics records and then apply different classification algorithm using data mining tools (WEKA) for the analysis of student’s academic performance during the period of training and placement. Here we consider the academic history as well as their skill set like, programming skills, communication skills, analytical skills and team work, which are tested by the hiring companies during the recruitment process. These factors predict the probability of students getting placed in a company.