Application of Fuzzy Logic for Evaluation of Academic Performance of Students

Institutes evaluate students’ academic performance through a conventional evaluation system which is framed by the institutes under educational policies and/or the institutional rules and regulations. This research study proposes a new fuzzy logic based performance evaluation method. In this method, we consider three parameters attendance, internal marks and external marks which are considered to evaluate students in an course. Then an expert system using fuzzy logic based on Mamdani technique has been designed and tested on a real sample and the two results have been compared.

Modules

1. Educator: To perform all operations related to the performance of student

2.Student:To view all details of entering by the educator also view their performance evaluation through Fuzzy Logic