University admission process is a key process in a university. It affects the overall resources of the universities and its quality constraints. There are multiple constraints on which the decision to start or upgrade a typical course admission depends rather than only student to teacher ratio. There is need of effective data mining to find dependent constraints and trend, as it is suited as one of the best for analysis in education system. So firstly, a dimensional model of the university admission system is designed and then it is checked, whether the model validates the requirements or not. The study presented a way to find the trend in the education system for the courses with assessing admission capacity alongside with management and evaluation of different affecting factors on the student’s performance.

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Index Terms

Computer Science          Applied Sciences
Keywords

Dimensional model, Higher education, Admission management system, Performance Evaluation