

ABSTRACT

Semi Automated Timetable Generation

Time table generation is a time consuming problem faced by many educational institutes. It belongs to the class of combinatorial optimization problems. We propose a semi-automated approach for solving this heavily constrained problem for educational institutes like College of Engineering Pune (CoEP). It will allow the users to make time table as per his/her choice while ensuring all constraints are satisfied and there are no conflicts.

There are some existing solutions for this problem which are fully automated but difficult to use. We propose a much simpler approach for solving it. We aim to develop a desktop application using Object Oriented Programming paradigm with a user friendly interface.

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