

**A UNIVERSITY TIMETABLING SYSTEM BASED ON  
GRAPH COLOURING  
AND  
CONSTRAINT MANIPULATION**

**A PROJECT REPORT PRESENTED BY**

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**ABSTRACT**

The problem of constructing an Automated System for use with timetabling is a particularly well-known one. Many programs exist for this task performs well only in particular isolated environments.

The research work presented in this project report aims to provide effective method for solving University exam timetabling problems. The goal is to produce automatically high quality timetables, which are easy and practical to use.

In this project report I present the method, technique and complete computer program behind University System.

Key Words : Exam Scheduling, Room Allocation.  
Domain Area : Administration support for Institute of Higher Education.  
Language / Tool : Vb 6

I used Vb6 for implement the problem. Results obtained from preliminary tests and ongoing use scheduling 12 exams in a set of 4 rooms are Positive.