## **ABSTRACT**

This Project title as “**Real Time Test Monitoring and Anomaly Detection for Computer Based Test”** is a Desktop Application developed for the purpose of Monitoring the Real Time Test. The purpose of test monitoring is to give feedback and visibility about test activities. Information to be monitored and collected automatically and used to measure exit criteria. The computerized system will improve the existing system that currently processes it manually. The computerized system will improve the existing system to provide the right information at the right time and will show the Upcoming Test Details of Student and Ongoing Progress of Test. This will help to get report of Student if they are completed. It monitors behavior of Student while they write test. The System Administrator and the faculties can get details anytime without any delay.

The features of the system include the following aspects,

* + Backing up the files either automatically or manually
  + Restoring the data whenever it is needed
  + Track the Test Status

These systems are real-time dashboards and visualized data are update continuously each 5 seconds the action occurs. It will help the Management to Monitor the status of ongoing Test. No worry about Test Report, it stored in database automatically whenever they want, they can generate Report. While Monitoring Ongoing Test it also monitors login status of student and progress of test.