



## The RMS Increases The Accuracy And Simplicity of Result and Reduces The Stress of Teachers at Schools/ Colleges

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### Introduction

#### What Is Stress?

Stress is the emotional and physical strain caused by our response to pressure from the outside world. Common stress reactions include tension, irritability, inability to concentrate, and a variety of physical symptoms that include headache and a fast heartbeat.

#### What is Accuracy?

In its most fundamental definition, accuracy is simply how close to a true value an instrument will read when measuring a signal or other physical quantity. Today, the use of computers is not restricted to only office desktops or laptops we see the use of computers all around us. Computers have changed the way we work, be it any profession. computers are being used in most of the appliances or gazettes that we use in our day to day living thereby making it the most important part of our lives. Education system is not an exception to the same. Computers play a very vital role in education .Now a days, many schools are equipped with computers for educating their students. Thereby making computers an integral part of education system. The computer technology has a deep impact on education system. The advantages of computers in education include an efficient storage and rendition

of information, quick information processing and very importantly the saving of paper.

The need for speed and accuracy in managing large amount of information is the reason computers are developed. Teachers and professors use computers for teaching, giving presentations, assessing various data banks, maintaining database of students, Therefore, it is only but natural the role of computers in education has been given a lot of prominence in the recent years. The uses of computers in education are manifold. Making the result of students is very important and stressful job for every subject teacher and exam committee of each school and colleges. Because it requires very accuracy and no any single mistake in it. In manual process every subject teacher prepare annual record, terminal record , different reports of different tests etc. And exam committee making or printing mark sheets and result sheet for each class. These tasks are very complicated in manual process and require lot of time. And teacher is under tense. Every teacher face these problems. Computer based tool is a solution to reduce the stress of teacher and to increase the accuracy of result . By considering these factors we decided to study how computer can efficiently maintained the result system of schools / Jr colleges in Malegaon Taluka. [Nashik, Maharashtra]. So for this study We are developed a software tool ( Result Management System) for preparing result.

### Objectives

1. To reduce the stress of teacher.
2. To maintain simplicity and accuracy in exam work.
3. To reduce time, expenses and manpower.
4. To increase the satisfaction of teacher.

### Methodology

For this study we used comparative technique. Initially we studied the manual process of result system at M.S.G. Jr College, Malegaon [Nashik, Maharashtra]. The teachers doing their calculations and various

### Hardware and software Requirements of RMS

| Sr.No | Hardware / Software | Requirement         |
|-------|---------------------|---------------------|
| 1     | CPU                 | P - III             |
| 2     | RAM                 | 256 MB              |
| 3     | Operating System    | Windows 98 or above |
| 4     | Free Space on disk  | 20 MB               |
| 5     | Printer             | Dot Matrix , laser  |

### Findings

| Sr no | Points of Observations            | Manual work | Using RMS tool |
|-------|-----------------------------------|-------------|----------------|
| 1     | Man power                         | 95%         | 25%            |
| 2     | Stationary Requirement            | 90%         | 30%            |
| 3     | Time require for calculations     | 95%         | 40%            |
| 4     | Time require for printing reports | 73%         | 17%            |
| 5     | Accuracy in work                  | 90%         | 99.99%         |
| 6     | Teachers' Satisfaction            | 60%         | 98%            |
| 7     | Teachers' stress                  | 99.99%      | 37%            |
| 8     | Expenses                          | 70%         | 50%            |

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