# TITLE OF SEMINAR

*Seminar Report submitted in partial fulfillment of the requirements for the award of the degree of **Master of Technology** in **Computer Science and Engineering** of the **Kannur University***

*submitted by*

**YOUR NAME**
Reg No


**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**
**MALABAR INSTITUTE OF TECHNOLOGY**
**ANJARAKANDY - 670612**

January 2015

# MALABAR INSTITUTE OF TECHNOLOGY, ANJARAKANDY - 670612

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**


## CERTIFICATE

*Certified that this is a bonafide record of the seminar work titled*

**FULL TITLE OF YOUR SEMINAR**

*done by*

**YOUR NAME**

**Reg No**

*of first semester M. Tech in partial fulfillment of the requirements for the award of the degree of Master of Technology in Computer Science and Engineering of the Kannur University*

| **Guide** | **PG Coordinator** | **Head of Department** |
|---|---|---|
| Guide Name | Ms. Sreerekha B | Mr. Rijin I K |
| Guide Designation | Assistant Professor | Assistant Professor |

# DECLARATION

I hereby declare that the thesis titled, **Full Title of the Work**, is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person nor material which has been accepted for the award of any other degree or diploma of the university or any other institute of higher learning, except where due acknowledgement and reference has been made in the text.

Place : Anjarakandy
Date :

Signature :
Name : Your Name
Reg. No. : REGNO

## ABSTRACT

Abstract should be short and limited to a single page.

You can have multiple paragraphs in an abstract.

# ACKNOWLEDGEMENT

Thank those who have helped you finish this work. Include the names of principal, head of the department, course coordinator and guide. The name and designation should be given the following way. Limit the text to one page.

If the person holds a doctorate and is of rank *Associate Professor* or more, use **Prof. Dr. Name**. If the person is of rank lower than *Associate Professor*, use **Mr. Name** or **Ms. Name**. The name should be followed by the designation and the department of the person.

Example, **Mr. Lallu A**, Asst. Professor, Department of Computer Science and Engineering. Another example, **Prof. K Madhavan Nambiar**, Principal.

# CONTENTS

# LIST OF TABLES

# LIST OF FIGURES

# CHAPTER 1
# INTRODUCTION

Give an introduction to your work here. Do not extend beyond 3 pages. Long introductions tend to bore the reader. Be short and precise.

Use the available space wisely. Use figures sparingly in the introduction. You can have sections and subsections in introduction. But too much of everything will affect the readability of the report.

## 1.1 ORGANIZATION OF REPORT

In the final section, describe the organization of the report. Use *cite* to give citation to related work like this[1].

Example, Chapter 2 contains the literature survey, Chapter 3 contains the proposed method, and so on.

# CHAPTER 2
# LITERATURE SURVEY

Describe the various scholarly articles you've referred to reach the problem definition and that have helped you find a solution to the problem. Use proper citation standards. Use the bib file to store the reference database. Use *cite* to refer to the work.

Organize the literature into sections carefully. There should be some correlation between the contents of each section. You can add a maximum of 15 pages of literature survey.

You can use figures and tables to strengthen your arguments. If any of these are taken from a reference paper, proper citation should be given in the caption. All figures must have the caption below the figure and all the tables must have the caption above the table. Use *ref* to refer to each figure using the label provided for figures. See examples in further sections for details.

# CHAPTER 3
# PROPOSED SYSTEM AND DESIGN

Propose your work here. Put it in different sections and subsections. Do not extend beyond 10 pages.

# CHAPTER 4
# IMPLEMENTATION

Describe how you implemented the algorithms here. Explain any specific data structures used. Describe the features of the languages that you've utilized to implement the work.

## 4.1 SECTION 1

You can use multiple sections to organize your report. Limit the contents to a maximum of 10 pages.

### 4.1.1 Subsection 1

You can even use multiple subsections.

# CHAPTER 5
# EVALUATION

Describe the evaluation process here. Take a maximum of 10 pages.

## 5.1 ANALYSIS I

This is how to refer to a table using *label* and *ref*. The results are given in Table 5.1

| Test Suite Size | SMM[1] | DM without SS[2] | Proposed Method |
|---|---|---|---|
| 4 IP / 5 TC | 3.12 mnt | 1.04 mnt | 44.87 sec |
| 41 IP/ 5 TC | 25.45 mnt | 8.48 mnt | 2.71 mnt |
| 41 IP/ 100 TC | 8.48 hr | 2.83 hr | 59.54 mnt |

Table 5.1: Performance Analysis - I

The measurements were taken with the automatic result aggregation module turned off. Thus the execution time stated above is of purely execution only. The time required for the selection of test cases and the comparison of results are not included in this measurements. This is because in each of the existing methods, similar analysis is needed and the time required is almost same for all the methods.

## 5.2 ANALYSIS II

This is how you refer to a figure. The graphical representation is given in Figure 5.1. All the measurements are in *seconds* calculated with a nanosecond precision.

[1]Single Machine Model
[2]Distributed Model without State Saving

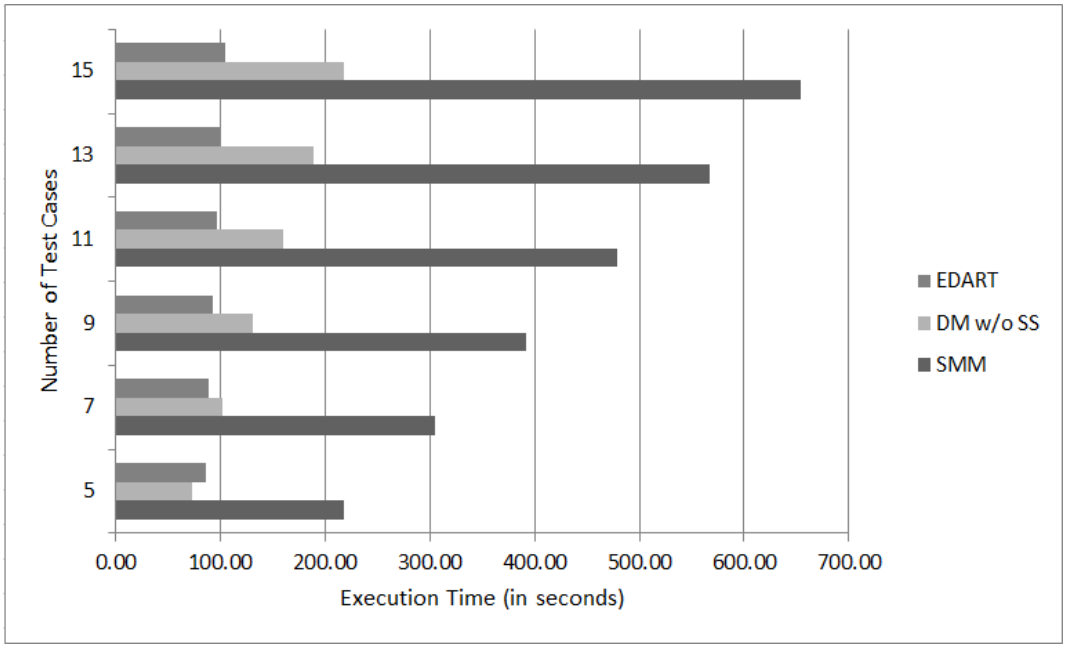


Fig. 5.1: Performance Comparison with Existing Systems

# CHAPTER 6
# CONCLUSION

Conclude your work with what you've done and what is the implication of the results.

## 6.1 FUTURE WORK

You can describe the possible future works that can be done based on this work. You can use a maximum of 3 pages for the Conclusion chapter.

# ANNEXURE 1

# TITLE OF ANNEXURE

## 1.1 SECTION TITLE

### 1.1.1 Subsection Title

```
public class mmseq1 {
	public static void main(String[] args) {
		int o = 0;
		mathOperations mo = new mathOperations();
		stringOperations so = new stringOperations();
		Stack<Integer> st = new Stack<Integer>();
		String input = null;
		System.out.println("Enter Options 1 to 4");
		InputStreamReader ir = new
		    InputStreamReader(System.in);
		BufferedReader bR = new BufferedReader(ir);
		input = bR.readLine();
		o = Integer.parseInt(input);
		if(o ==1){
			int result = mo.sum(2,3)+mo.diff(5,2);
			System.out.println(result);
		}
		else if(o == 2){
			double result = so.toInt("123");
			System.out.println(result);
		}
		else if(o == 3){
			double result =
			    mo.square(4)+so.toInt(so.rev("456"));
			System.out.println(result);
		}
		else if(o == 4){
			st.push(34);
			st.push(3);
			st.push(90);
			double result = st.pop()+mo.diff(500,st.pop());
			System.out.println(result);
		}
	}
}
```

```
class mathOperations{
	int sum(int a, int b){
		return(a+b);
	}
	int diff(int a, int b){
		return(a-b);
	}
	int square(int a){
		return(a*a);
	}
}

class stringOperations{
	public String rev(String str){
		return str.intern();
	}
	public String cat(String str1, String str2){
		return str1.concat(str2);
	}
	public int toInt(String str){
		return Integer.parseInt(str);
	}
}
```

### 1.1.2 Second Subsection

Add annexes as required. Do not extend beyond 10 pages. Use separate chapters for each annexes.

# BIBLIOGRAPHY

[1] Alfred V Aho, *Compilers: Principles, techniques and tools (for anna university), 2/e*, Pearson Education India, 2003.

# PUBLICATIONS

Give publication details in the same way you give reference.