## VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi – 590018.



#### MINI PROJECT REPORT

ON

## "DIABETES DETECTOR"

Submitted in partial fulfillment for the requirement of VI semester for the

# Degree of Bachelor of Engineering in INFORMATION SCIENCE & ENGINEERING

For the academic year 2021-22

#### **SUBMITTED BY:**

Srustik B T [1DB19IS089] Sujith M [1DB19IS091]

## Under the guidance of:

Mrs.Deepika A B

Assistant Professor,

Dept.of ISE



Department of Information Science and Engineering
DON BOSCO INSTITUTE OF TECHNOLOGY
Kumbalagodu,Bengaluru-560074

## DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Bengaluru-560074

## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING



## **CERTIFICATE**

This is to certify that the Mini Project Report entitled "DIABETES DETECTOR" is a bonafide Mini Project work carried out by Srustik B T (1DB19IS089) & Sujith M (1DB19IS091) in partial fulfillment of 'VI' semester for the Degree of Bachelor of Engineering in Information Science and Engineering of Visvesvaraya Technological University, Belgaum, during the academic year 2021-22. It is certified that all corrections/suggestions indicated for Internal Assessments have been incorporated with the degree mentioned.

Head of Department
Dr B K Raghavendra
Professor and HOD Dept. of ISE, DBIT, Bengaluru
l Viva
Signature with Date

## ACKNOWLEDGEMENT

At the various stages in making the mini project, a number of people have given me invaluable comment on the manuscript. I take this opportunity to express my deepest gratitude and appreciation to all those who helped me directly or indirectly towards the successful completion of this project.

I would like to thank our Principal **Prof. Umashankar B S**, Don Bosco Institute of Technology for his support though out this project.

I express my whole hearted gratitude to **Prof. Dr. B K Raghavendra**, who is our respectable Head of Dept. of Information Science. I wish to acknowledge for his valuable help and encouragement.

In this regard I owe a heartfelt gratitude to my guide **Mrs. Deepika A B** an Assistant Professor of Department of Information Science and Engineering, for timely advice on the project and regular assistance throughout the project work. I would also like to thank the teaching and non-teaching staff members of Department of Information Science and Engineering for their corporation.

Srustik B.T[1DB19IS089]

Sujith M[1DB19IS091]

## **ABSTRACT**

The aim of this project is to provide a diabetes detector with basic C++ programming language

In this project we can add a new patient. In this project, the user can add, modify, delete, search and display the lists. Then can add more patient name and do the add modify, delete, search and display operation. To put in simple words diabetes detector can predict whether you have diabetes or not just by making the user answer some of the regular question though the detector might not entirely be accurate. With this you can also book your doctor's appointment and the report which you got from the detector can be shown to your respective doctor as this test can be done easily at your home itself.

## **TABLE OF CONTENTS**

Sl.No		CHAPTER	Pg.No
		ABSTRACT	
		ACKNOWLEDGMENT	
1		INTRODUCTION	1
	1.1	Problem statement	1
	1.2	Aim	1
	1.3	Objective	1
	1.4	Existing system	1
	1.5	Disadvantages	1
2		PROPOSED SYSTEM	2
	2.1	Advantages	2
3		SYSTEM REQUIREMENT SPECIFICATION	3
	3.1	Software requirements	3
	3.2	Hardware requirements	3
4		IMPLEMENTATION	4-8
5		SNAPSHOTS	9-18
6		CONCLUSION	19
		REFERENCE	20