

Project Report

on

# **BOOLEAN ALGEBRA AND MINIMIZATION TECHNIQUES**

*Submitted*

*In partial fulfillment of the requirements for the degree of*

**BACHELOR OF SCIENCE**

in

**MATHEMATICS**

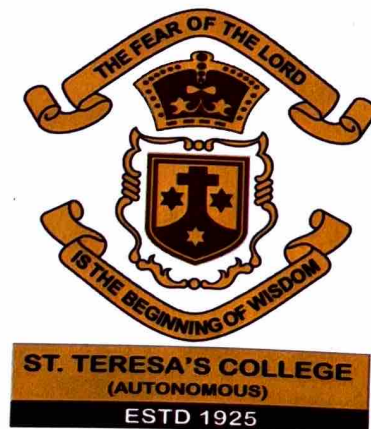
*by*

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**(Register No:AB22BMAT040)**

*Under the Supervision of*

**Dr. SWATHI V. V**



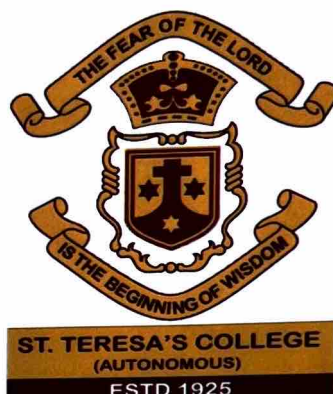
**DEPARTMENT OF MATHEMATICS**

**ST. TERESA'S COLLEGE (AUTONOMOUS)**

**ERNAKULAM , KOCHI -682011**

**APRIL 2025**

# ST.TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM

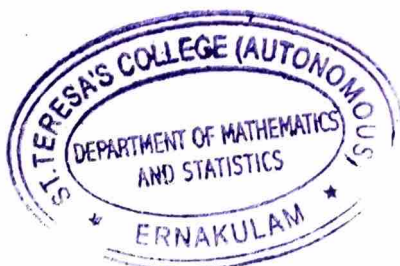


## CERTIFICATE

This is to certify that the dissertation entitled, **BOOLEAN ALGEBRA AND MINIMIZATION TECHNIQUES** is a bonafide record of the work done by **RIFNA RAFEEK** under my guidance as partial fulfillment of the award of the degree of **Bachelor of Science in Mathematics** at St. Teresa's College (Autonomous), Ernakulam affiliated to Mahatma Gandhi University, Kottayam. No part of this work has been submitted for any other degree elsewhere.

**Date:07/03/2025**  
**Place: Ernakulam**

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## DECLARATION

I hereby declare that the work presented in this project is based on the original work done by me under the guidance of **Dr. SWATHI V V**, Assistant Professor, Department of Mathematics, St.Teresa's College (Autonomous), Ernakulam and has not been included in any other project submitted previously for the award of any degree.

Place:Ernakulam

Date:07/03/2025



**RIFNA RAFAEEK (AB22BMAT040)**

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I take this opportunity to express my sincere gratitude towards Dr. Swathi V V of the Department of Mathematics of St. Teresa's College (Autonomous), Ernakulam who encouraged me to carry this work. Her continuous invaluable knowledgeable guidance throughout this study helped me complete the work up to this stage. I will always be thankful to you in this regard. And also I express my thanks to all those who have indirectly guided and helped me in the completion of this project.

Place:Ernakulam

Date:07/03/2025

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