**NUMERICAL METHODS FOR SOLVING ODEs**

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**MATRICULATION NO: 20183037**

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**IN PARTIAL FULFILMENT OF THE REQUIREMENTS FOR THE AWARD OF BACHELOR OF SCIENCE DEGREE IN MATHEMATICS.**

## DECLARATION

I hereby declare that this research was written by me and is a correct record of my own research. It has not been presented in any previous application for any degree of this or any other University. All citations and sources of information are clearly acknowledged by means of references.

#### KAREEM SAMSON ADEBAYO

#### Date:. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

## CERTIFICATION

This is to certify that this research work entitled **Numerical Methods for Solving ODEs** is the outcome of the research work carried out by **Kareem Samson Adebayo** (20183037) in the Department of Mathematics, Federal University of Agriculture, Abeokuta, Ogun State.

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#### PROF. M.O OMEIKE Date

(**SUPERVISOR**)

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#### DR. E.O. ADELEKE Date

( **HEAD OF DEPARTMENT**)

## DEDICATION

This project work is dedicated to Almighty God, the creator of the universe and all mankind, who gave me this grace from the inception of this project work till its completion. And also to my wonderful family, starting from my beloved parents, Mr and Mrs Kareem as well as my ever-supportive siblings and to everyone that has been supportive and helpful in my education life.

## ACKNOWLEDGMENTS

All glory, honour and adoration is to the Almighty God who has made the success of the research work and the completion of my BSc. programme at large a reality.

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## ABSTRACT

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