

## CERTIFICATE

This is to certify that the project report entitled “**Differential Equations in Science: Overview of Differential Equations and Their Significance in Modelling Real-World Phenomena**” is an authentic work carried out by **ELSIT MATHEW (2223058)**, **SIDDIQUL AFDAD (2223070)**, **SIYA SURESH (2223071)**, **KENZ ALI (2223077)**, **DEVIKA R (2223078)** under the guidance of **Ms. ROLLIN PREETHA VAZ** from the Department of Mathematics, St Aloysius (Deemed to be University), Mangaluru.

The same is being submitted to the UG Department of Mathematics, St Aloysius (Deemed to be University) in partial fulfillment of the requirements for the Continuous Internal Assessment of IV Semester, Bachelor of Science. No part of this thesis has been presented for the award of any other degree.



Signature of Guide

**Ms. ROLLIN PREETHA VAZ**



**Ms. PRIYA MONTEIRO**

**Date of submission: 27/02/2024**