## **CERTIFICATE**

This is to certify that the project report entitled "Mathematics in Robotics" is an authentic work carried out by Vaibhavi L Amin (2222051), Daniel (2223056), Nazareth Rishika Sharon Olwin (2224105), Nidhishree T (2224108) 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

Signature of the HOD

Ms Priya Monteiro

Date of submission: 27/02/2024