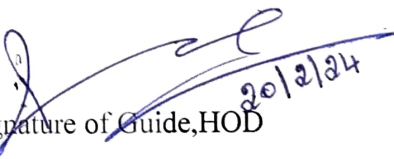# CERTIFICATE

This is to certify that the project report entitled **"Coloring In Graph Theory And Its Applications"** is an authentic work carried out by **Ms Rashmitha Sevi (2120628), Amulya V Shetty(2120604), Jain Justin(2120611), Rahul M (2120626), Amal Thomas(2120603)** under the guidance of **Ms Priya Monteiro** 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 VI Semester, Bachelor of Science**. No part of this thesis has been presented for the award of any other degree.

20\2\24

Signature of Guide,HOD

Ms Priya Monteiro

Date of submission: 19/02/2024