

## CERTIFICATE

This is to certify that the project report entitled "**Increasing and Decreasing Sequence**" is a bonafied work carried out by **Ms Jane Maria Thomas (2120207)**, **Ms Maria Anjali Baptist (2120210)**, **Ms Preethi MS (2120504)**, **Mr Manvith (2121106)**, **Ms Shainal (2121111)** under the guidance of **Ms Rollin Preetha Vaz** from the Department of Mathematics, St Aloysius College (Autonomous), Mangaluru.

The same is being submitted to the UG Department of Mathematics, St Aloysius College(Autonomous) in partial fulfilment of the requirements for the **Continuous Internal Assessment of III Semester Bachelor of Science**. No part of this thesis has been presented for the award of any other degree.



Signature of Guide

Signature of HOD Ms Rollin Preetha Vaz



Ms Priya Monteiro

Date of Submission: 12-11-2022

Head of the Dept. of  
Mathematics  
St. Aloysius College (Autonomous)  
Mangalore-575003