## CERTIFICATE

This is to certify that the project report entitled "Hybrid Operations Research" is a bonafide work carried out by Mr. Deiborlangki Dkhar bearing the Reg No. 228023, under the guidance of Mr. Chriswin Prem Vas in the Department of PG Studies and Research in Mathematics, St. Aloysius College.

The same is being submitted to the Post Graduation Department of Mathematics, St. Aloysius College in partial fulfilment of the requirements for the award of Master of Science Mathematics. No part of this thesis has been presented for the award of any other degree.

Place: Mangaluru

Date: 15.5.2024

Signature of the HOD

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