

CERTIFICATE

ACKNOWLEDGEMENT

This is to certify that the project report entitled “**MARKOV CHAINS**” is a bonafied work carried out by **Mr. Winson Glen Nazareth** bearing the **Reg No. 218033** under the guidance of **Dr. D. Shubhalakshmi** in the Department of PG Studies and Research in Mathematics, St. Aloysius College.

The same is being submitted to the Post Graduation Department Mathematics, St. Aloysius College in partial fulfillment 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.

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Signature of the HOD

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