

## CERTIFICATE


This is to certify that the project report entitled "A Brief Study on Rank of Matrices and Binary and Decimal Representation of Integers" is a bonafied work carried out by Suhas Devadiga (2223073), S Mithun (2225101), Mohammad Mihraz (2223063), Agneya Gangadhar (2225101) under the guidance of Ms Tinu John 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 I Semester Bachelor of Science. No part of this thesis has been presented for the award of any other degree.



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