

**DISSERTATION REPORT**

**“RAMSEYS THEOREM AND ITS APPLICATIONS TO COMBINATORICS AND NUMBER THEORY”**

Submitted in partial fulfillment of the requirements for the award of the degree of

**MASTER OF SCIENCE**

**FROM**

**BANGALORE UNIVERSITY**



**BY**

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**UNDER THE GUIDANCE OF PROF : ROOPA . J**



**ST.FRANCIS DE SALES COLLEGE**

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## CERTIFICATE OF ORIGINALITY

This is to certify that, this master dissertation titled “**RAMSEYS THEOREM AND ITS APPLICATION OF COMBINATORICS AND NUMBER THEORY**” submitted by **PRAMEELA . R** , Register No. **P03MB21S0014** in partial fulfilment for the award of Master Degree (M.Sc) in Mathematics of St Francis de sales college affiliated to Bangalore University , is based on the research work carried out under the guidance and supervision of Prof. Roopa J , during the fourth semester in the academic year 2022-2023

This dissertation (Master) has not been submitted for the award of any degree, diploma, fellowship or other title. This is to confirm the originality of the work and that there is no plagiarism in any part of the dissertation.

Signature of the Guide

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