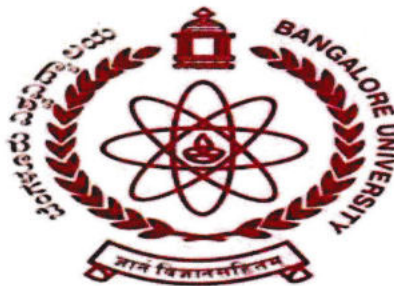


DISSERTATION REPORT
**“A STUDY ON GRAPH THEORY AND ITS
APPLICATIONS”**

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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This is to certify that, this Master dissertation titled “**A STUDY ON GRAPH THEORY AND ITS APPLICATIONS**” submitted by **HARISH BABU S**, Register No. **P03MB21S0015** in partial fulfillment 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. R SHANMUGAPRIYA**, during the fourth semester in the academic year 2022-2023.

This dissertation 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.

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