## A MAJOR PROJECT REPORT

**ON**

**“****Quantile Based ICU Patient Monitoring For Risk Stratification Using Machine Learning”**

*Project report submitted*

*In partial fulfillment of the requirement for the award of the degree*

**MASTER OF COMPUTER APPLICATIONS**

**SEMESTER IV**



*Submitted By*

**J.BHEEMESH (6012163055)**

*Under the valuable guidance of*

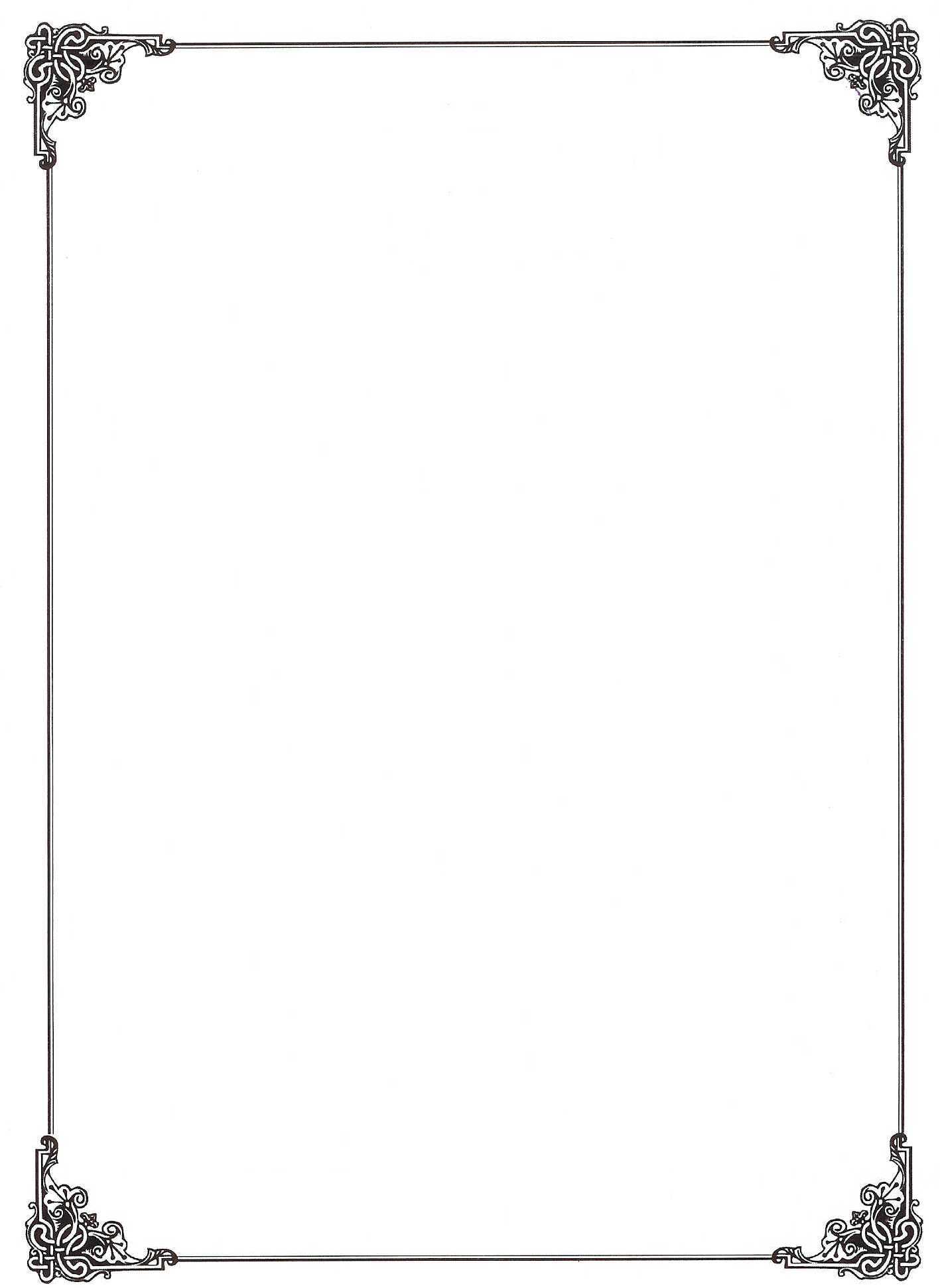
**Prof. G. ANJAN BABU**

## M.Sc., MTech., Ph.D.

## DEPARTMENT OF COMPUTER SCIENCE

SRI VENKATESWARA UNIVERSITY

**TIRUPATI-517502**

**(2021-2023)**

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**DEPARTMENT OF COMPUTER SCIENCE**

**S.V.U COLLEGE OF COMMERCE MANAGEMENT**

**AND COMPUTER SCIENCE**

**SRI VENKATESWARA UNIVERSITY**

**TIRUPATI-517502**

**2021-2023**

**CERTIFICATE**

This is to certify that this project entitled **“Quantile Based ICU Patient Monitoring For Risk Stratification Using Machine Learning”** is a bonafied work carried out by J.BHEEMESH (6012163055**)** of Sri Venkateswara University, Tirupati, for the award of degree of **MASTER OF COMPUTER APPLICATIONS** is a record of bonafied minor project work carried out by the candidates under my supervision and guidance. The minor project has reached the standard fulfilling the requirements of the regulation for the award of the degree of **SRI VENKATESWARA UNIVERSITY**.

**Project Guide**

**Prof.G.ANJAN BABU**

**M.Sc, M.Tech, Ph.D**

**Dept. of Computer Science**

**S V University, Tirupati.**

**Head of the Department**

**Prof.G.ANJAN BABU**

**M.Sc, M.Tech, Ph.D**

**Dept. of Computer Science**

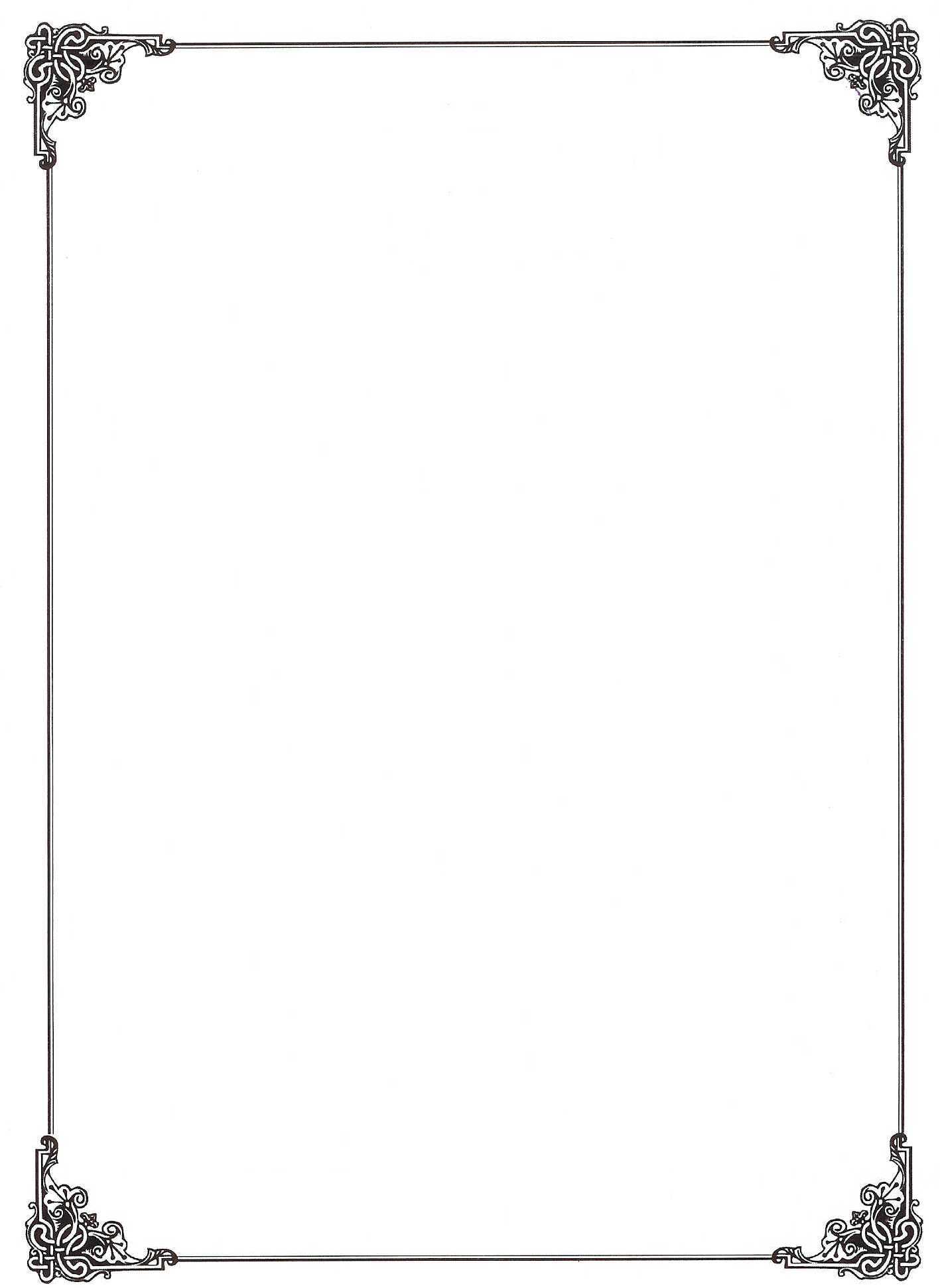
**S V University, Tirupati.**

Submitted to the practical Examination held on……………………………………………….

**Examiner External Examiner**

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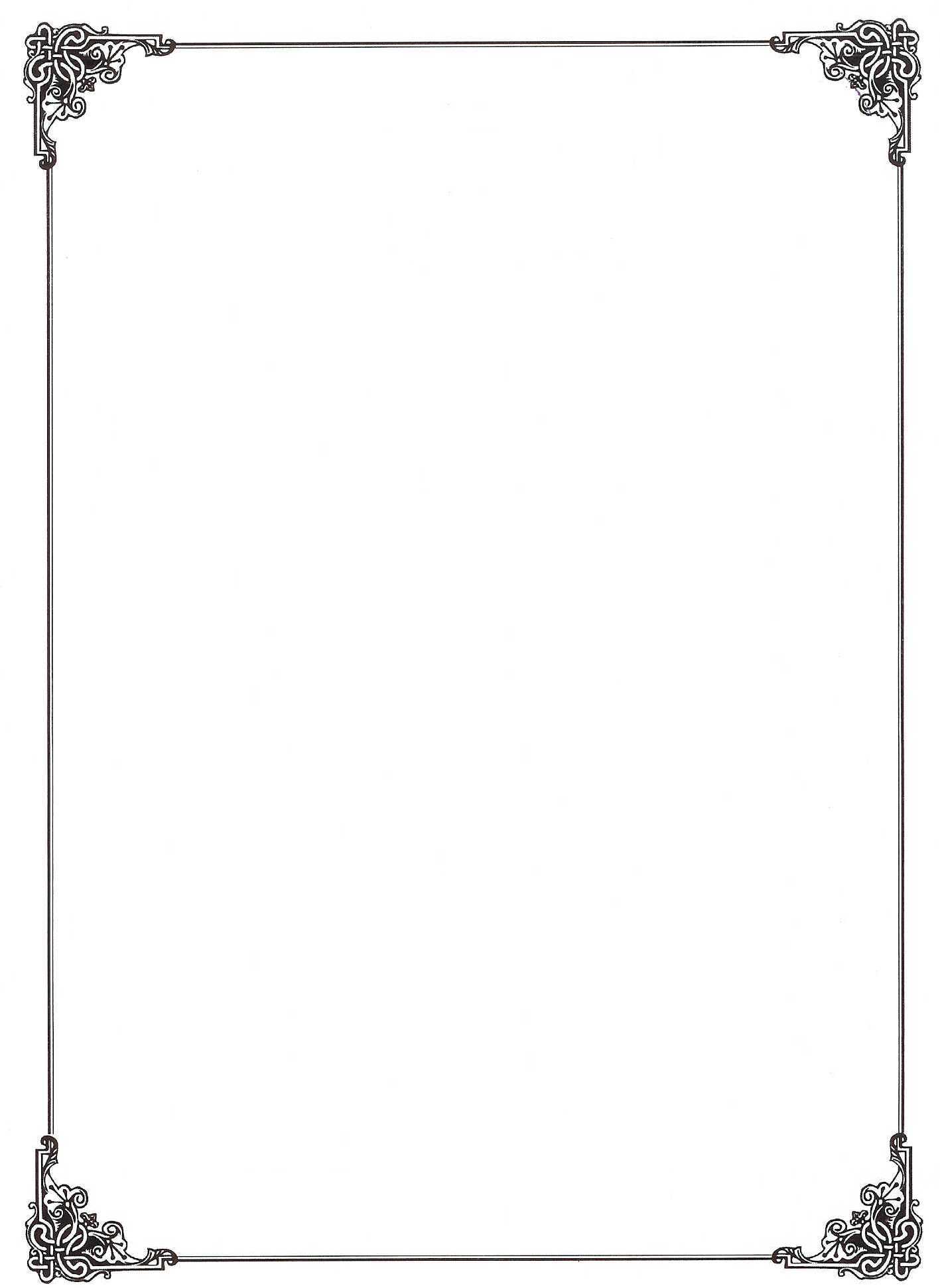
DECLARATION

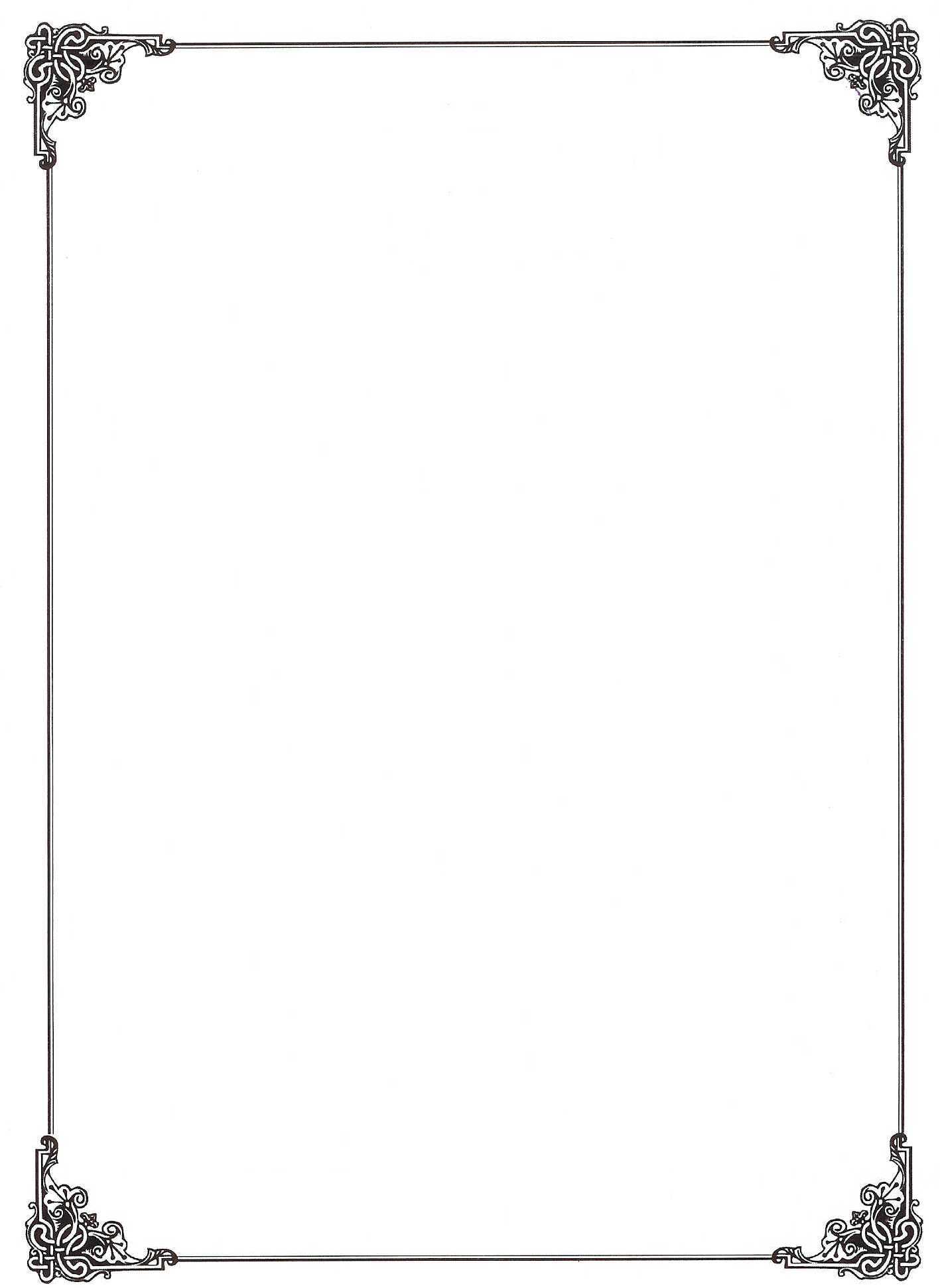
We hereby declare that the thesis entitled “*Quantile Based ICU Patient Monitoring For Risk Stratification Using Machine Learning*” under the valuable guidance and supervision of **Prof.G.ANJAN BABU** Department of Computer Science, S V University, Tirupati, is submitted in partial fulfillment of the degree of Master of Computer Applications to Sri Venkateswara University and this minor project is result of our own effort and has been submitted earlier for the award of “MASTER OF COMPUTER APPLICATIONS” degree.

Place: Tirupati

Date:

**(J.BHEEMESH)**





#### ACKNOWLEDGEMENT

“Task Successful” makes everyone happy. But the happiness will be gold without glitter if we didn’t state the persons who have supported us to make it a success.

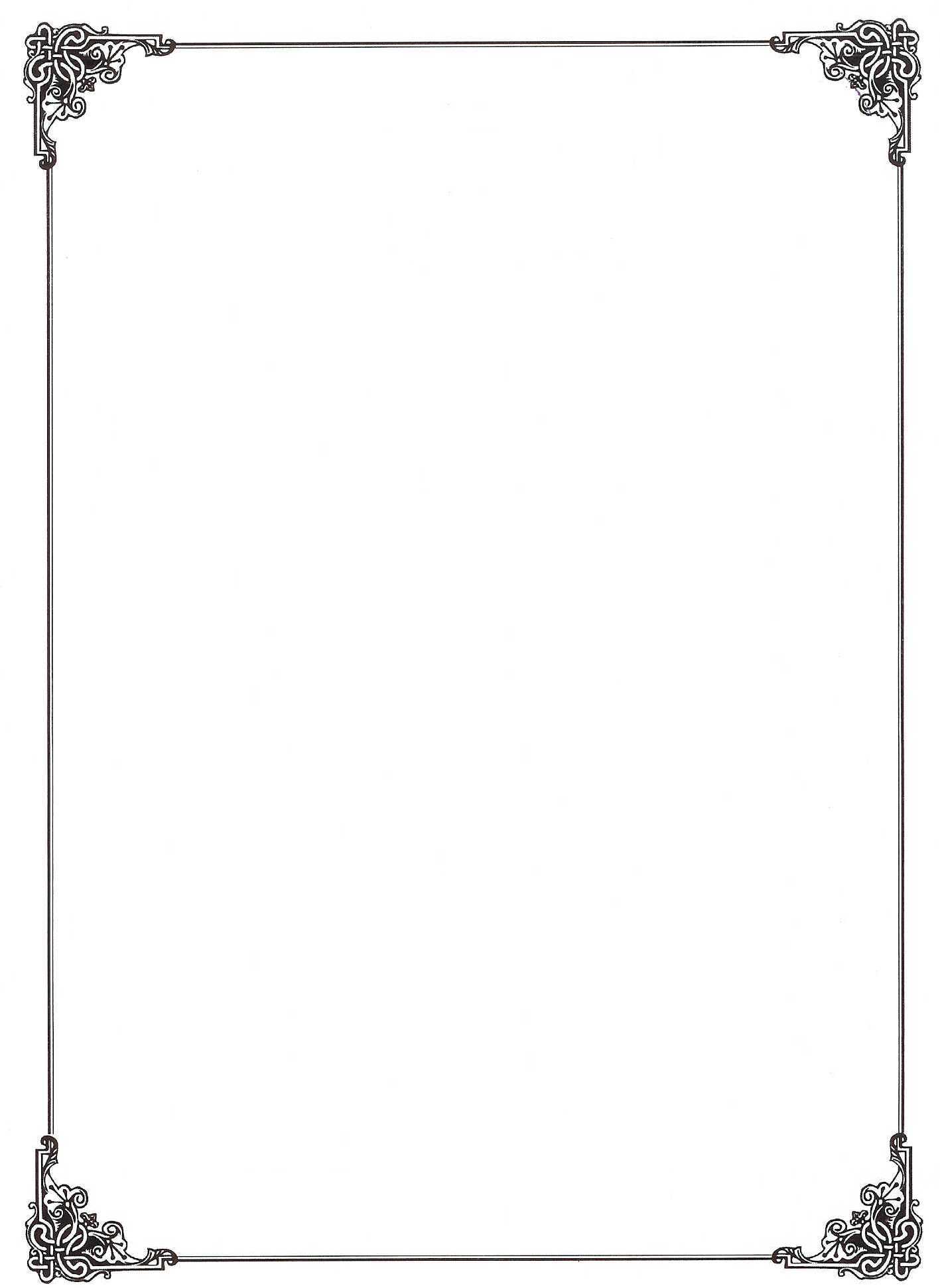
This acknowledgement transcends the reality of formality when we would like to express deep gratitude and respect to all those people behind the screen who guided, inspired and helped us for the completion of our project work.

We consider ourselves lucky enough to get such a good project. This project would add as an asset to our academic profile.

We would like to express our thankful to our project guide, **Prof .G. ANJAN BABU, Department of computer science, S.V University, Tirupati** for her constant motivation and valuable help through the project work.

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We thank all our beloved **Faculty Members, Department of Computer Science, S.V University, Tirupati.**

Finally we would like to thank our **friends** for their co-operation to complete this project.