E-MAIL SECURITY USING CRYPTOGRAPHY AND STEGANOGRAPHY

A PROJECT REPORT

Submitted by **BALU.B**

Under the guidance of Ms. Rezni. S
(Asst.Professor, Department of Computer Science)

For the award of the Degree of

Master of Science (M.Sc.,)
In Computer Science
(University of Calicut)



Computer Science

College of Applied Science

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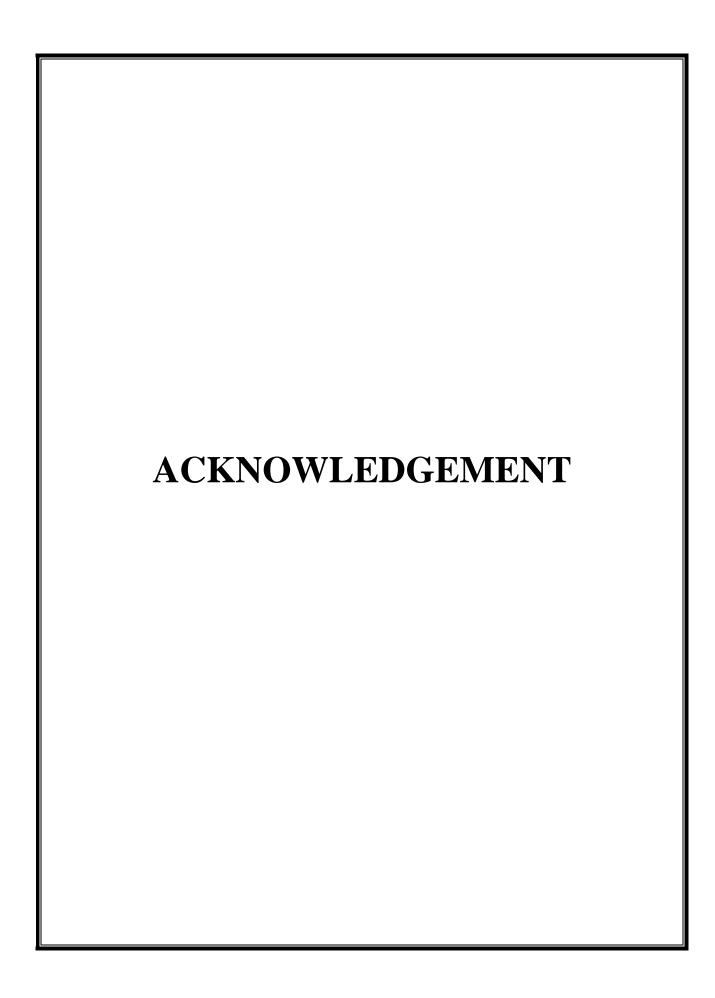
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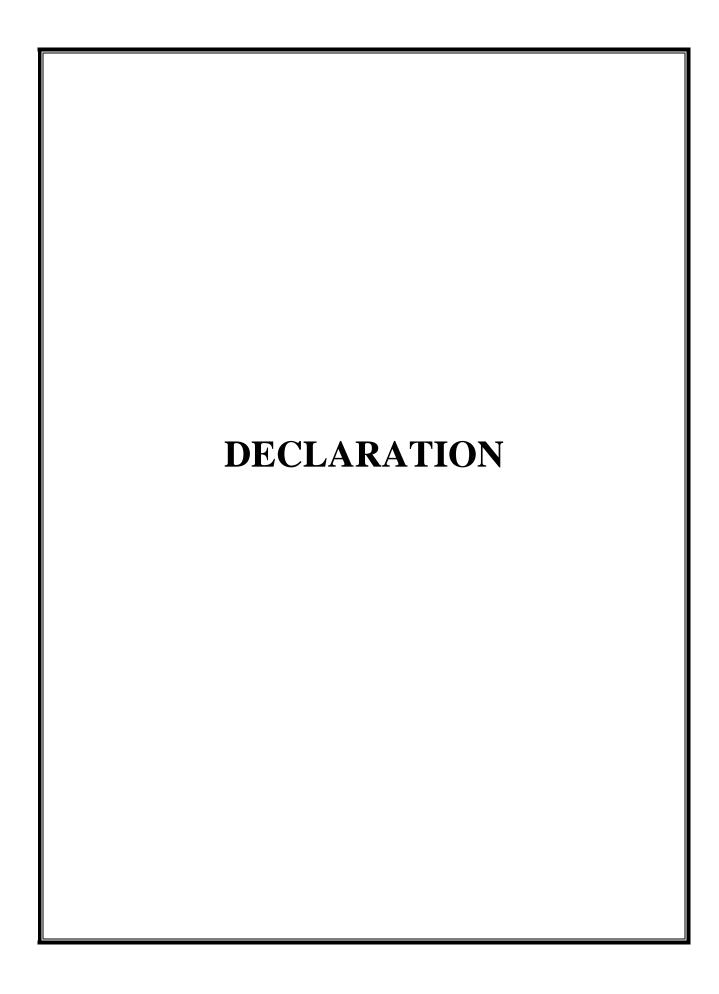
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I am greatly indebted to the Lord Almighty for his grace, mercy and unseen guidance throughout, without which this project would not have been possible. I would like to express my special thanks to our principal Pradip Somasundaran as well as our HOD Udhaya Kumar who gave me the golden opportunity to do this project E-MAIL SECURITY USING CRYPTOGRAPHY AND STEGANOGRAPHY. I express my sincere thanks to my respected guide Ms.Rezni.S Department of computer science for providing the amble opportunities to exploit the given fields, for constant guidance, valuable suggestions and encouragement throughout the course of my project and to complete my work successfully.

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Finally, I gratefully acknowledge the support, encouragement and patience of my family and as always, nothing in my life would be possible without God.

Thank God!

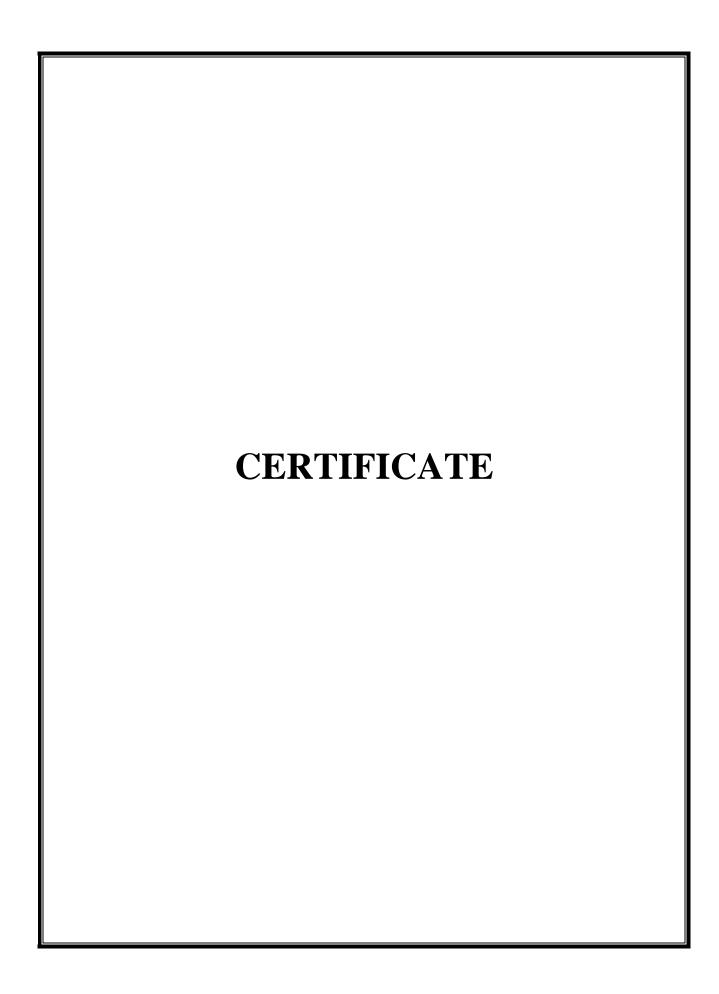


DECLARATION

I hereby declare that this project work entitled "E-MAIL SECURITY USING CRYPTOGRAPHY AND STEGANOGRAPHY" has been prepared by me in partial fulfilment of the requirement for the Master of Computer Science degree by University of Calicut. I also declare that this project report has not been submitted by me fully or partially for the award of any other degree, diploma, title or recognition.

PLACE: VADAKKENCHERRY BALU.B

DATE: ASAQMCS002



CERTIFICATE

This is to certify that the project report entitled EMAIL SECURITY USING				
CRYPTOGRAPHY AND STEGANOGRAPHY submitted by Balu.B (ASAQMCS002:) to				
University of Calicut for the award of the degree of Master of Science (M.Sc.,) in Computer				
Science is a bonafide record of the project work carried out by her under my supervision and				
guidance. The content of the report, in full or parts have not been submitted to any other Institute				
or University for the award of any other degree or diploma.				

Signature Ms.Rezni Asst.Professor,Dept of Computer Science Signature Udhaya Kumar HOD of Computer Science

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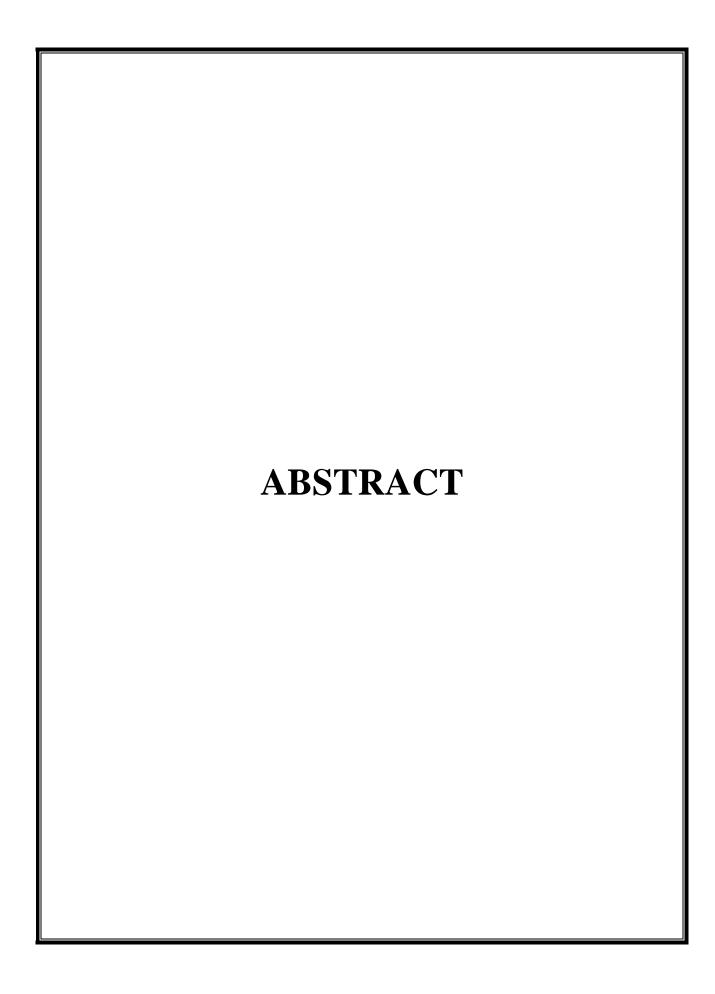
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ABSTRACT

Steganography is the art and science of writing hidden messages in such a way that no-one apart from the sender and intended recipient even realizes there is a hidden message. Today, the term steganography includes the concealment of digital information within computer files.

In this project the user can select a master file for data hiding. And save it as the output file. After this there is another facility to change the master and output file. We can also permit the user to view the message from the embedded picture by setting a password and write the message to hide along with the output picture. To retrieve the message from the picture select the particular image. Then we get the information about the picture. Enter the password to read the message, there it display the hidden message.

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