

**HADAMARD MATRIX**

*Dissertation submitted to*

**University of Calicut**

*in partial fulfilment of the requirements for the award of*

**BACHELOR OF DEGREE**

*in*

**MATHEMATICS**

*by*

**ADITHYA K R (CRAVSMT001)**



**DEPARTMENT OF MATHEMATICS  
CARMEL COLLEGE AUTONOMOUS MALA**

**MARCH 2024**

DEPARTMENT OF MATHEMATICS  
CARMEL COLLEGE AUTONOMOUS MALA  
THRISSUR,680732



CERTIFICATE

This is to certify that this project entitled "HADAMARD MATRIX" submitted by ADITHYA K R, in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College Autonomous, Mala during 2021-2024. This project report has not been submitted for any other degree elsewhere.

Dr. Jismy Joseph

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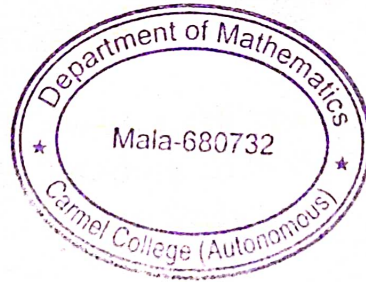
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**LATTICE THEORY**

*Dissertation submitted to*

**University of Calicut**

*in partial fulfilment of the requirements for the award of*

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*in*

**MATHEMATICS**

*by*

**ARDRA RAJEEV (CRAVSMT002)**



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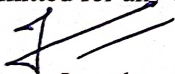
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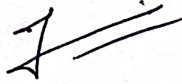
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This is to certify that this project entitled "LATTICE THEORY" submitted by **ARDRA RAJEEV** in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bona-fide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College Autonomous, Mala during 2021-2024. This project report has not been submitted for any other degree elsewhere.

  
Dr. Jismy Joseph

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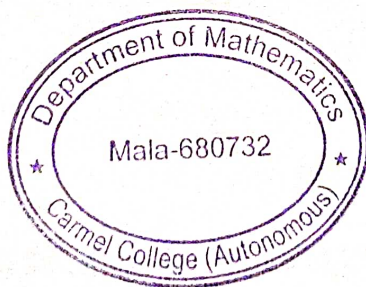
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**THEORY OF PRIMES**

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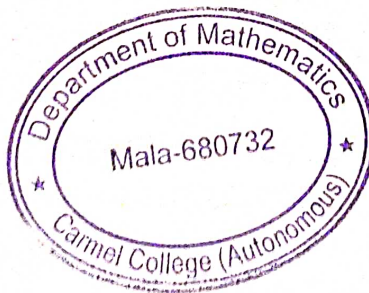
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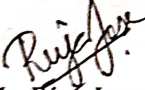
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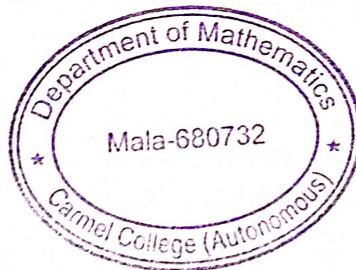
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This is to certify that this project entitled "CHAOS THEORY" submitted by GOPIKA N. P partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bona-fide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College Autonomous, Mala during 2021-2024. This project report has not been submitted for any other degree elsewhere.

  
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This is to certify that this project entitled "THEORY OF PRIMES" submitted by NANDANA SUBHASH partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bona-fide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College Autonomous, Mala during 2021-2024. This project report has not been submitted for any other degree elsewhere.

  
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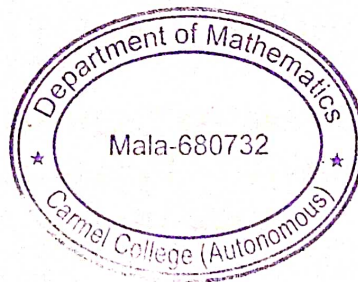
  
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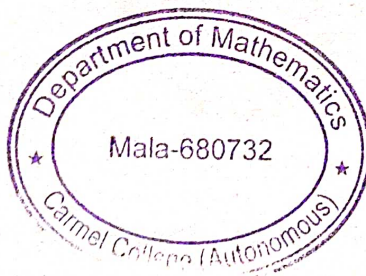
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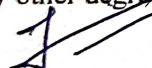
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This is to certify that this project entitled “LATTICE THEORY” submitted by SAYANAT S in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bona-fide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College Autonomous, Mala during 2021-2024. This project report has not been submitted for any other degree elsewhere.

  
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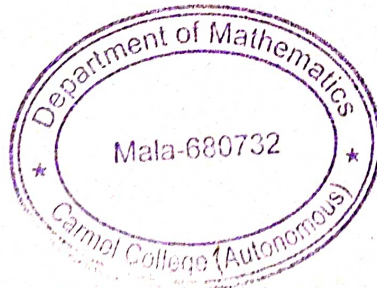
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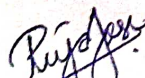
  
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**SNEHA K (CRAVSMT009)**



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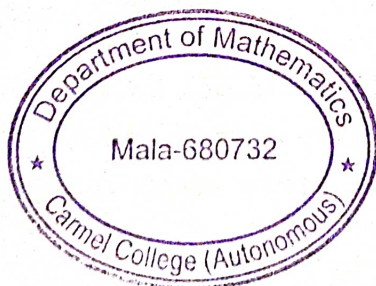
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**SREELEKHA K. K (CRAVSMT010)**



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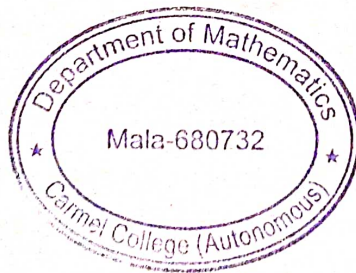
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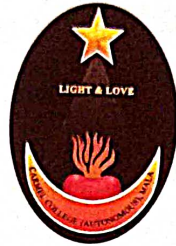
**ALEENA K. S (CRAVSMT011)**



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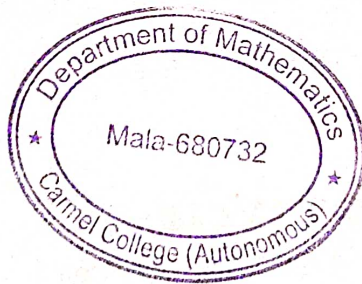
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**AMIABLE VINNI (CRAVSMT012)**



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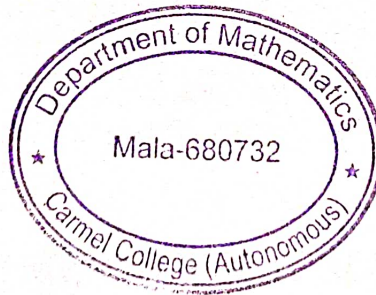
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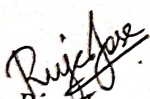
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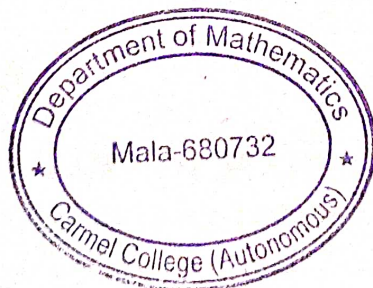



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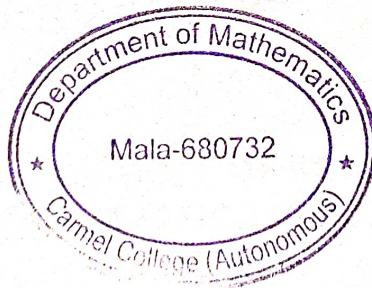
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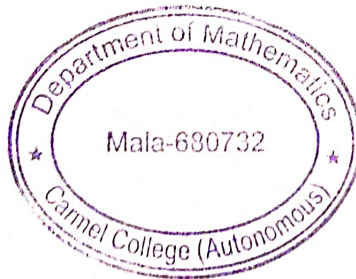
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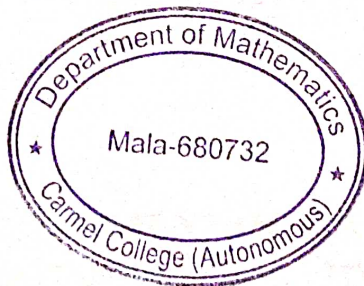
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**HADAMARD MATRIX**

*Dissertation submitted to*

**University of Calicut**

*in partial fulfilment of the requirements for the award of*

**BACHELOR OF DEGREE**

*in*

**MATHEMATICS**

*by*

**HRIDHYA R (CRAVSMT017)**



**DEPARTMENT OF MATHEMATICS  
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**MARCH 2024**

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This is to certify that this project entitled "HADAMARD MATRIX" submitted by HRIDHYA R in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bonafide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College Autonomous, Mala during 2021-2024. This project report has not been submitted for any other degree elsewhere.

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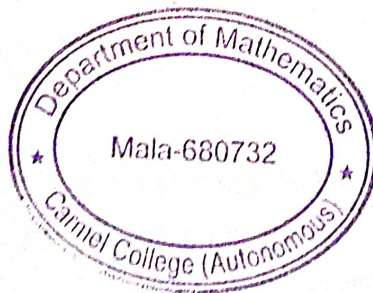
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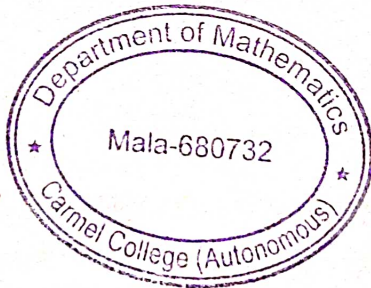
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**LATTICE THEORY**

*Dissertation submitted to*

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*in*

**MATHEMATICS**

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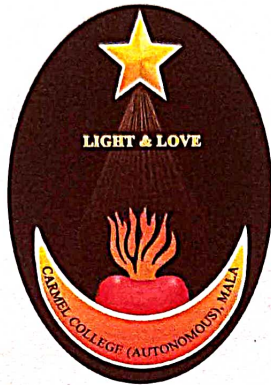
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This is to certify that this project entitled "LATTICE THEORY" submitted by SREELAKSHMI M P in partial fulfilment of the requirements for the B.Sc. Degree in Mathematics to the Calicut University is a bona-fide record of the studies undertaken by them under my supervision at the Department of Mathematics, Carmel College Autonomous, Mala during 2021-2024. This project report has not been submitted for any other degree elsewhere.

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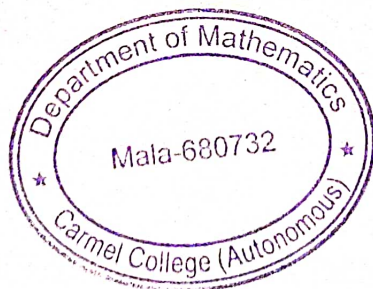
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*in*

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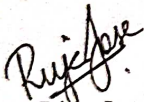
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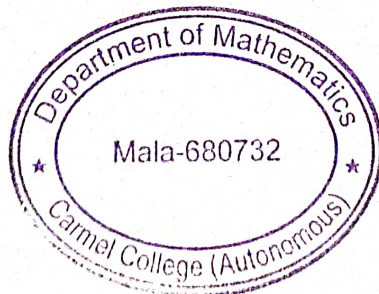
  
Ms. Riya Jose

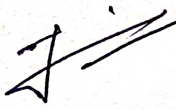
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