

TOPOLOGY

Project Work Submitted to

MAHATMA GANDHI UNIVERSITY, KOTTAYAM

In partial fulfillment of Requirement for the Degree of

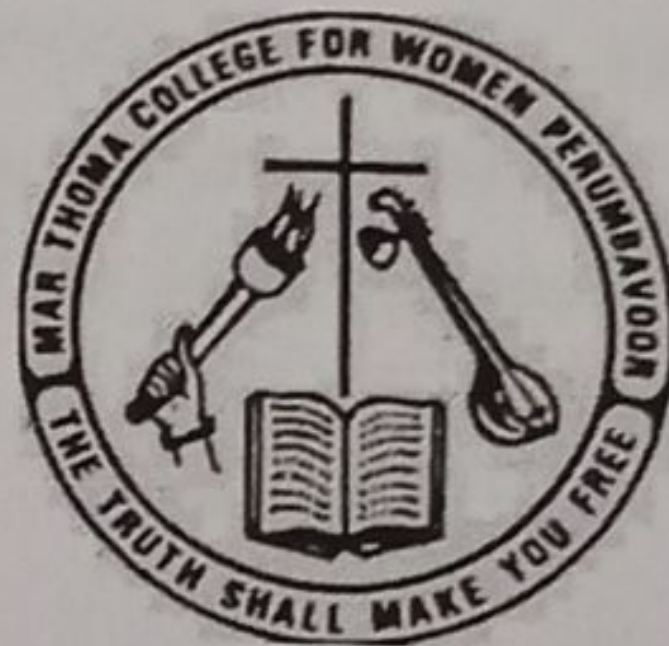
B.Sc. MATHEMATICS

BY

ANJANA P J 190021035893

FATHIMA ABDHUL AZEEZ 190021035908

FATHIMA MOHAMMED 190021035909



DEPARTMENT OF MATHEMATICS

MAR THOMA COLLEGE FOR WOMEN, PERUMBAVOOR

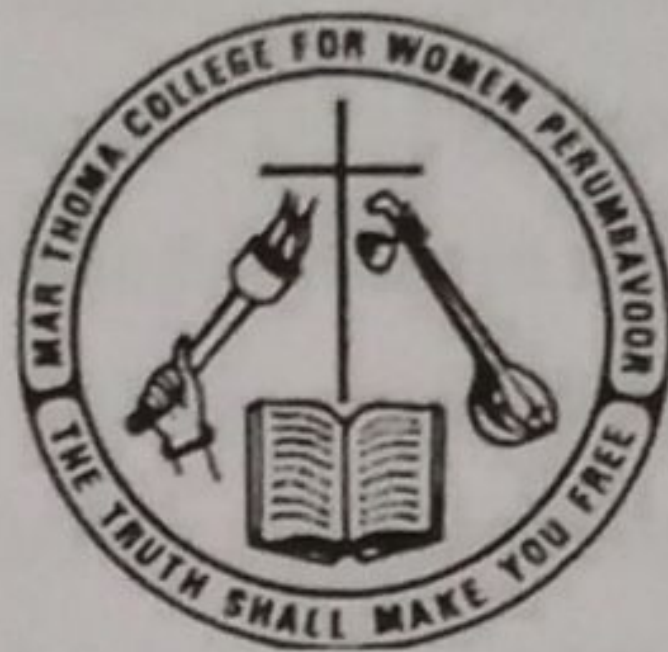
(Affiliated to Mahatma Gandhi University, Kottayam)

2019-2022

MAR THOMA COLLEGE FOR WOMEN, PERUMBAVOOR

(Affiliated to Mahatma Gandhi University, Kottayam)

DEPARTMENT OF MATHEMATICS

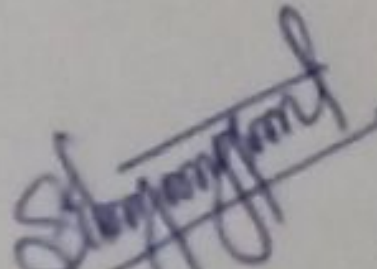


CERTIFICATE

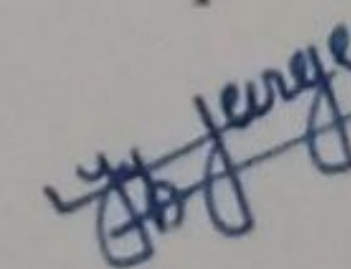
This is to certify that the project entitled "TOPOLOGY" is the bonafide record of work done by ANJANA PJ(190021035893), FATHIMA ABDUL AZEEZ(190021035908), FATHIMA MOHAMMED(190021035909) in partial fulfillment of the requirement for the award of B.Sc. MATHEMATICS Degree from Mahatma Gandhi University, Kottayam during the academic session 2019-2022

Viva Voice Examination held on.....17/05/2022.....

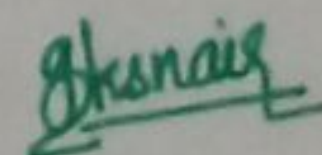
Project Guide


Ms. Silvey Paul

Head of the Department


Dr. Gigi George

External



Department of Mathematics
Mar Thoma College for Women
Perumbavoor - 683 543

MATCHINGS AND FACTORS

Project Work Submitted to

MAHATMA GANDHI UNIVERSITY, KOTTAYAM

In partial fulfillment of requirement for the degree of

B.Sc. MATHEMATICS

By

BHADRA SASIDHARAN

190021035906

SAIEETHA T. J

190021035900

FATHIMA ALIYA SALIM

190021035896



**DEPARTMENT OF MATHEMATICS
MAR THOMA COLLEGE FOR WOMEN
PERUMBAVOOR**

(Affiliated to Mahatma Gandhi University, Kottayam)

2019-2022

MAR THOMA COLLEGE FOR WOMEN

PERUMBAVOOR

(Affiliated to Mahatma Gandhi University, Kottayam)



CERTIFICATE

This is to certify that the project entitled "MATCHINGS AND FACTORS" is the Bona-fide record of the work done by BHADRA SASIDHARAN (190021035906), SAIEETHA T. J (190021035900) and FATHIMA ALIYA SALIM (190021035896) in Partial fulfillment of the requirement for the award of B.Sc. MATHEMATICS Degree from Mahatma Gandhi University, Kottayam during the academic year 2019-2022.

Viva Voice Examination Held On 17/05/2022.....

Project Guide

G. S. Nair

Mr. Gopikrishna S Nair

Head of Department

G. George

Dr. Gigi George

Department of Mathematics
Mar Thoma College for Women
Perumbavoor - 683 842

External

G. George

MYSTERY OF KNOTS
Project Work Submitted to
MAHATMA GANDHI UNIVERSITY, KOTTAYAM

In partial fulfillment of the Requirements for the Degree

of B.Sc. MATHEMATICS

By

ALEESHA RAIHAN M. A - 190021035890

PUNYA LALU - 190021035898

DHANYA - 190021035907



DEPARTMENT OF MATHEMATICS

MARTHOMA COLLEGE FOR WOMEN

PERUMBAVOOR

(2019-2022)

MARTHOMA COLLEGE FOR WOMEN

PERUMBAVOOR

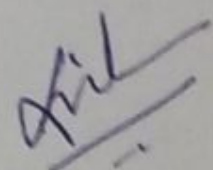
(Affiliated to Mahatma Gandhi University)



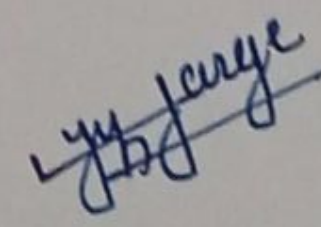
CERTIFICATE

This is to certify that the project entitled MYSTERY OF KNOTS is the bonafide record of the work done by ALEESHA RAIHAN M. A – 190021035890, PUNYA LALU – 190021035898, DHANYA – 190021035907 in partial fulfillment of the requirement for the award of B.Sc. MATHEMATICS Degree from Mahatma Gandhi University, Kottayam during the academic session 2019-2022.

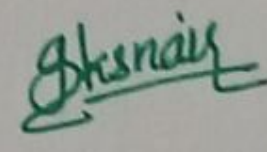
Viva Voce Examination Held On...17/05/2022.....


Project Guide

EMILDA SEBASTIAN


Head of the Department

Dr. GIGI GEORGE


External

Department of Mathematics
Marthoma College for Women
Perumbevoor - 683 542

**APPLICATION OF MATHEMATICS IN
VARIOUS FIELDS**

Project Work Submitted to

MAHATMA GANDHI UNIVERSITY, KOTTAYAM

In partial fulfillment of requirement for the degree of

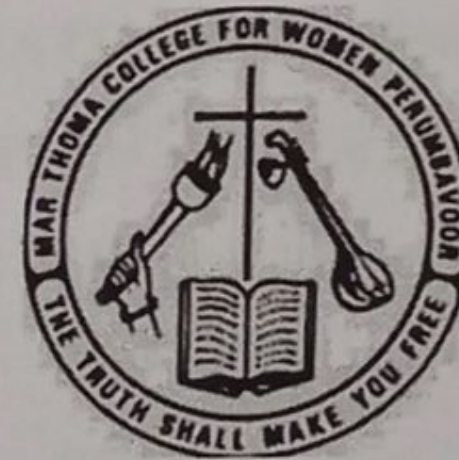
B.Sc. MATHEMATICS

BY

ANASWARA ASHOK P 190021035891

ASWATHI RANI 190021035905

HANNATH E K 190021035910



**DEPARTMENT OF MATHEMATICS
MAR THOMA COLLEGE FOR WOMEN**

PERUMBAVOOR

(Affiliated to Mahatma Gandhi University, Kottayam)

2019-2022

MAR THOMA COLLEGE FOR WOMEN

PERUMBAVOOR

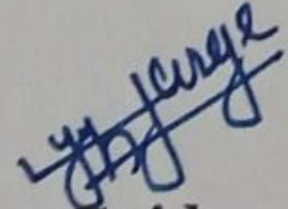
(Affiliated to Mahatma Gandhi University, Kottayam)



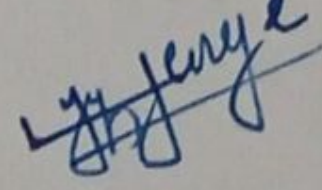
CERTIFICATE

This is to certify that the project entitled "APPLICATION OF MATHEMATICS IN VARIOUS FIELDS" is the bona-fide record of the work done by ANASWARA ASHOK P (190021035891), ASWATHI RANI (190021035905) and HANNATH E K(190021035910) in partial fulfillment of the requirement for the award of B.Sc. MATHEMATICS Degree from Mahatma Gandhi University , Kottayam during the academic year 2019-2022.

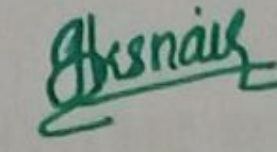
Viva Voice Examination Held On ...17/05/2022...


Project Guide

Dr. Gigi George


Head of Department

Dr. Gigi George


External

Department of Mathematics
Mar Thoma College for Women
Perumbavoor - 688 868

LATTICES AND BOOLEAN ALGEBRA
Project Work Submitted to
MAHATMA GANDHI UNIVERSITY, KOTTAYAM

In partial fulfillment of requirement for the degree of
B.Sc. MATHEMATICS

BY

RASEENA KAREEM	190021035899
SARA MOL SAJAN	190021035901
NEHA JOY	190021035897

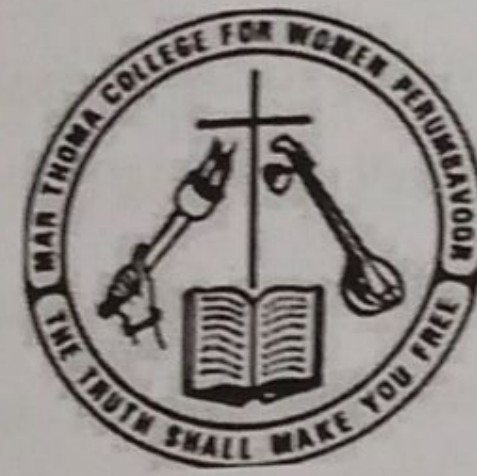


DEPARTMENT OF MATHEMATICS
MAR THOMA COLLEGE FOR WOMEN PERUMBAVOOR
(Affiliated to Mahatma Gandhi University, Kottayam)

2019 - 2022

MAR THOMA COLLEGE FOR WOMEN
PERUMBAVOOR

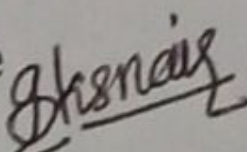
(Affiliated to Mahatma Gandhi University, Kottayam)



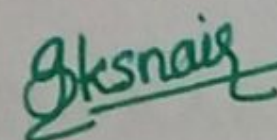
CERTIFICATE

This is to certify that the project entitled "LATTICES AND BOOLEAN ALGEBRAS" is the bona-fide record of the work done by RASEENA KAREEM (190021035899), SARA MOL SAJAN (190021035901), and NEHA JOY (190021035897) in partial fulfillment of the requirement for the award of B.Sc. MATHEMATICS Degree from Mahatma Gandhi University, Kottayam during the academic year 2019-2022.

Viva Voice Examination Held On. 17.05.2022....

Project Guide 
Mr. Gopikrishnan

Head of Department
Dr. Gigi George


External

Department of Mathematics
Mar Thoma College for Women
Perumbavoor - 683 548

APPLICATION OF MATRICES

Project Work Submitted to

MAHATMA GANDHI UNIVERSITY, KOTTAYAM

In Partial Fulfillment of Requirement for the Degree of

B.Sc. MATHEMATICS

BY

ANITTA SHOJI -190021035904

FARSEENA .N.M -190021035895

STEFY POULOSE -190021035913



DEPARTMENT OF MATHEMATICS

MAR THOMA COLLEGE FOR WOMEN

PERUMBAVOOR

(Affiliated to Mahatma Gandhi University, Kottayam)

2019-2022

MAR THOMA COLLEGE FOR WOMEN

PERUMBAVOOR

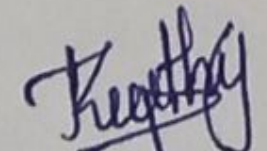
(Affiliated to Mahatma Gandhi University, Kottayam)



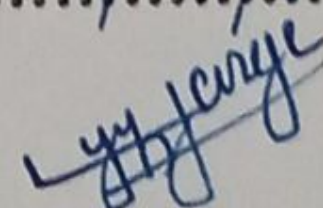
CERTIFICATE

This is to certify that the project entitled "APPLICATION OF MATRICES" is the bona-fide record of the work done by ANITTA SHOJI (190021035904), FARSEENA.N.M (190021035895) and STEFY POULOSE (190021035913) in partial fulfillment of the requirement for the award of B.Sc. MATHEMATICS Degree from Mahatma Gandhi University, Kottayam during the academic year 2019-2022.

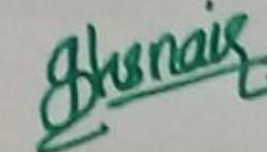
Viva Voice Examination Held On.....17/05/2022


Project Guide

Ms. Keerthy Kishore A


Head of Department

Dr. Gigi George


External

Department of Mathematics
Mar Thoma College for Women
Perumbavoor - 683 542

ULAM SPIRAL

Project Work Submitted to

MAHATMA GANDHI UNIVERSITY, KOTTAYAM

In partial fulfillment of requirement for the degree of

B.Sc. MATHEMATICS

BY

ANGEL ELIZEBETH

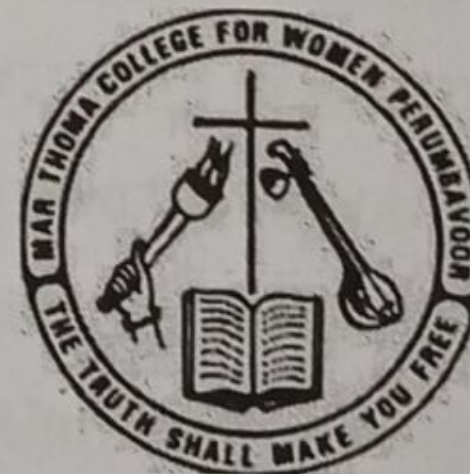
190021035892

AKHILA ANN ZACHARIAH

190021035903

NAJUMA YOUSAF

190021035911



DEPARTMENT OF MATHEMATICS

MAR THOMA COLLEGE FOR WOMEN

PERUMBAVOOR

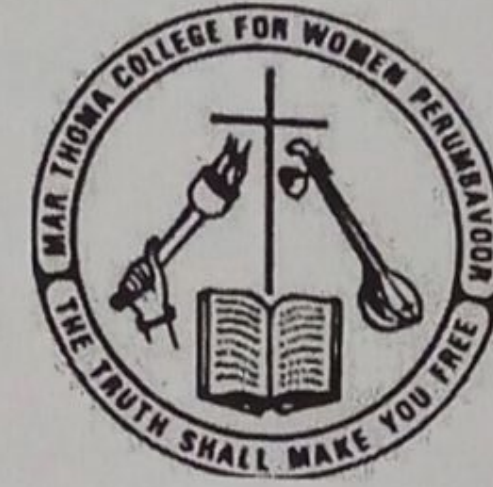
(Affiliated to Mahatma Gandhi University, Kottayam)

2019 – 2022

MAR THOMA COLLEGE FOR WOMEN

PERUMBAVOOR


(Affiliated to Mahatma Gandhi University, Kottayam)

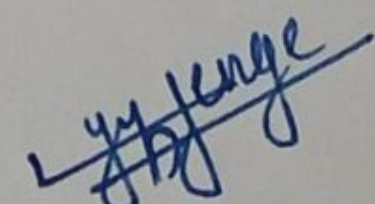


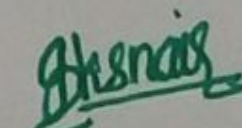
CERTIFICATE

This is to certify that the project entitled "ULAM SPIRAL" is the bona-fide record of the work done by ANGEL ELIZEBETH (190021035892), AKHILA ANN ZACHARIAH (190021035903) and NAJUMA YOUSAF (190021035911) in partial fulfillment of the requirement for the award of B.Sc. MATHEMATICS Degree from Mahatma Gandhi University, Kottayam during the academic year 2019 - 2022.

Viva Voice Examination Held On ..17.05.2020.....


Project Guide
Ms. Anu Jose


Head of Department
Dr. Gigi George


External
Department of Mathematics
Mar Thoma College for Women
Perumbavoor - 683 542

LATTICES AND BOOLEAN ALGEBRA
Project Work Submitted to
MAHATMA GANDHI UNIVERSITY, KOTTAYAM

In partial fulfillment of requirement for the degree of
B.Sc. MATHEMATICS

BY

RASEENA KAREEM	190021035899
SARA MOL SAJAN	190021035901
NEHA JOY	190021035897



DEPARTMENT OF MATHEMATICS
MAR THOMA COLLEGE FOR WOMEN PERUMBAVOOR
(Affiliated to Mahatma Gandhi University, Kottayam)

2019 - 2022

MAR THOMA COLLEGE FOR WOMEN
PERUMBAVOOR

(Affiliated to Mahatma Gandhi University, Kottayam)



CERTIFICATE

This is to certify that the project entitled "LATTICES AND BOOLEAN ALGEBRAS" is the bona-fide record of the work done by RASEENA KAREEM (190021035899), SARA MOL SAJAN (190021035901), and NEHA JOY (190021035897) in partial fulfillment of the requirement for the award of B.Sc. MATHEMATICS Degree from Mahatma Gandhi University, Kottayam during the academic year 2019-2022.

Viva Voice Examination Held On...17/05/2022...

Project Guide

Mr. Gopikrishnan

Handwritten signature

Head of Department

Dr. Gigi George

External

Handwritten signature

Department of Mathematics
Mar Thoma College for Women
Perumbavoor - 687 562

**APPLICATION OF MATHEMATICS IN
VARIOUS FIELDS**

Project Work Submitted to

MAHATMA GANDHI UNIVERSITY, KOTTAYAM

In partial fulfillment of requirement for the degree of

B.Sc. MATHEMATICS

BY

ANASWARA ASHOK P	190021035891
ASWATHI RANI	190021035905
HANNATH E K	190021035910



**DEPARTMENT OF MATHEMATICS
MAR THOMA COLLEGE FOR WOMEN
PERUMBAVOOR**

(Affiliated to Mahatma Gandhi University, Kottayam)

2019-2022

MAR THOMA COLLEGE FOR WOMEN

PERUMBAVOOR

(Affiliated to Mahatma Gandhi University, Kottayam)



CERTIFICATE

This is to certify that the project entitled "APPLICATION OF MATHEMATICS IN VARIOUS FIELDS" is the bona-fide record of the work done by ANASWARA ASHOK P (190021035891), ASWATHI RANI (190021035905) and HANNATH E K(190021035910) in partial fulfillment of the requirement for the award of B.Sc. MATHEMATICS Degree from Mahatma Gandhi University , Kottayam during the academic year 2019-2022.

Viva Voice Examination Held On ..17/05/2022..

Project Guide

Dr. Gigi George

Head of Department

Dr. Gigi George

External

Department of Mathematics
Mar Thoma College for Women
Perumbavoor - 683 543