A STUDY ON GENERALIZED a b CLOSED SETS IN TOPOLOGICAL SPACES

A project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI affiliated to

Manonmaniam Sundaranar University, Tirunelveli

in partial fulfilment for the award of the degree of

MASTER OF SCIENCE IN MATHEMATICS

Submitted by

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Reg. No: 17SPMT01

Under the guidance of

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First of all I thank the Almighty for showering his blessings to undergo this project.

l express my sincere gratitude and heartfelt thanks to our Principal Rev. Dr. Sr. A. S. J. Lucia Rose M.Sc., PGDCA., M.Phil., Ph.D. and to our Director Rev. Sr. Peregrina Mary M.A., M.Ed., for kindly permitting me to do this Project.

l express my gratitude to **Dr. G. Priscilla Pacifica M.Sc., B.Ed., M.Phil., Ph.D., SET.,** SSC Coordinator, Department of Mathematics, for her inspirational ideas and encouragement.

I am very thankful to my guide **Ms. K. Rajendra Suba M.Sc.**, **M.Phil.**, Assistant Professor, Department of Mathematics(SSC), for her efficient and effective guidance. She played a key role in the preparation of this project.

I also thank my staff members for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

Date: 28 03. 2019

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A STUDY ON PRODUCT CORDIAL LABELING

A Project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI

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I express my gratitude to **Dr. G. Priscilla Pacifica M.Sc., B.Ed., M.Phil., Ph.D., SET, SSC** Coordinator, the Department of Mathematics(SSC) for her inspirational ideas and encouragement.

I am very thankful to our guide Ms. H. Sujitha M.Sc., M.Phil., Assistant Professor, Department of Mathematics(SSC) for her efficient and effective guidance. She played a key role in the preparation of this project.

I also thank my staff members for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

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A STUDY ON DERIVATIONS OF INCLINE ALGEBRA

A Project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI affiliated to

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l express my sincere gratitude and heartfelt thanks to our Principal Rev. Dr. Sr. A. S. J. Lucia Rose M.Sc., PGDCA., M.Phil., Ph.D. and to our Director Rev. Sr. Peregrina Mary M.A., M.Ed., for kindly permitting me to do this Project.

l express my gratitude to **Dr. G. Priscilla Pacifica M.Sc., B.Ed., M.Phil., Ph.D., SET.,** Head of the Department of Mathematics(SSC), for her inspirational ideas and encouragement. She played a key role in the preparation of this project.

I am very thankful to my guide Ms. A. Ancy M.Sc., M.Phil., Assistant Professor, Department of Mathematics(SSC), for her efficient and effective guidance. She played a key role in the preparation of this project.

I also thank my staff members for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

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A STUDY ON LUCKY EDGE LABELING

A Project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI affiliated to

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I express my sincere gratitude and heartfelt thanks to our Principal Rev. Dr. Sr. A. S. J. Lucia Rose M.Sc., PGDCA., M.Phil., Ph.D., and to our Director Rev. Sr. Peregrina Mary M.A., M.Ed., for kindly permitted us to this Project.

I express my gratitude to Dr. G. Priscilla Pacifica M.Sc., B.Ed., M.Phil., Ph.D., SET., SSC Coordinator, Department of Mathematics, for her inspirational ideas and encouragement.

I am very thankful to my guide Ms. K. Heartlin M.Sc., M.Phil., Assistant Professor, Department of Mathematics (SSC) for her efficient and effective guidance. She played a key role in the preparation of this project.

I also thank my staff members for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

Date: 28.03. 2019

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A STUDY ON RADIO LABELING

A project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI

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I express my sincere gratitude and heartfelt thanks to our principal Rev. Dr. Sr. A.S.J. Lucia Rose M.Sc., PGDCA., M.Phil., Ph.D., and to our Director Rev. Sr. Peregrina Mary M.A., M.Ed., for having kindly permitting me to do this project.

I express our gratitude to Dr. G. Priscilla Pacifica M.Sc., B.Ed., M.Phil., Ph.D., SET., SSC Coordinator, the Department of Mathematics for her inspirational ideas and encouragement.

I am very thankful to our guide Ms. K. Heartlin M.Sc., M.Phil., Assistant Professor, Department of Mathematics(SSC) for her efficient and effective guidance. She played a key role in the preparation of this project.

I also thank our staff members for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

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A STUDY ON p CLOSED SETS IN TOPOLOGICAL SPACES

A Project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI

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I express my sincere gratitude and heartfelt thanks to our Principal Rev. Dr. Sr. A. S. J. Lucia Rose M.Sc., PGDCA, M.Phil., Ph.D, and to our Director Rev. Sr. Peregrina Mary M.A., M.Ed., for kindly permitting me to do this Project.

I express my sincere gratitude to SSC Coordinator **Dr. G. Priscilla Pacifica M.Sc., B.Ed., M.Phil., Ph.D., SET** Department of Mathematics for her inspirational idea and encouragement.

I am very thankful to my guide **Dr. P. Anbarasi Rodrigo M.Sc., Ph.D.,** Asst. Professor, Department of Mathematics (SSC) for her efficient and effective guidance. She played a key role in the preparation of this project.

I also thank my staff members for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

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A STUDY ON DIVISOR CORDIAL LABELING

A Project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI affiliated to

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I express my sincere gratitude and heartfelt thanks to our Principal Rev. Dr. Sr. A. S. J. Lucia Rose M.Sc., PGDCA., M.Phil., Ph.D., and to our Director Rev. Sr. Peregrina Mary M.A., M.Ed., for kindly permitting us to this project.

I express my gratitude to Dr. G. Priscilla Pacifica M.Sc., B.Ed., M.Phil., Ph.D., SET, SSC Coordinator, Department of Mathematics, for her inspirational ideas and encouragement.

I am very thankful to my guide Ms. H. Sujitha M.Sc., M.Phil., Assistant Professor, Department of Mathematics (SSC) for her efficient and effective guidance. She played a key role in the preparation of this project.

I also thank my staff members for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

Date: 28.03 2019

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A STUDY ON DISTANCE ANTIMAGIC LABELING

A Project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI affiliated to

Manonmaniam Sundaranar University, Tirunelveli

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I express my gratitude to Dr. G. Priscilla Pacifica M.Sc.,B.Ed., M.Phil., Ph.D.,SET SSC Coordinator, Department of Mathematics, for her inspirational ideas and encouragement.

I am very thankful to my guide Ms. R. Maria Irudhaya Aspin Chitra M.sc., M.Phil., Assistant Professor, Department of Mathematics (SSC) for her efficient and effective guidance. She played a key role in the preparation of this project.

I also thank my staff members for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

Date: 28.03.2019

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A STUDY ON MEAN LABELING IN GRAPHS

A project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI affiliated to

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I am very thankful to my guide Ms.C.Reena M.Sc.,B.Ed.,M.Phil.,SET., Assistant Professor, Department of Mathematics (SSC), for her efficient and effective guidance. She played a key role in the preparation of this project.

I also thank my staff members for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

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A STUDY ON HOMO-CORDIAL LABELING

A Project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI affiliated to

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I express my sincere gratitude and heartfelt thanks to our Principal Rev. Dr. Sr. A. S. J. Lucia Rose M.Sc., PGDCA., M.Phil., Ph.D and to our Director Rev. Sr. Peregrina Mary M.A., M.Ed., for kindly permitted us to this Project.

I express my gratitude to Dr. G. Priscilla Pacifica M.Sc., B.Ed., M.Phil., Ph.D., SET SSC Coordinator, Department of Mathematics, for her inspirational ideas and encouragement.

I am very thankful to my guide Ms. R. Maria Irudhaya Aspin Chitra M.sc., M.Phil., Assistant Professor, Department of Mathematics (SSC) for her efficient and effective guidance. She played a key role in the preparation of this project.

I also thank my staff members for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

Date: 28.03.2019

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A STUDY ON PSEUDO COMPLETE COLORING

A project submitted to

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I express my sincere gratitude and heartfelt thanks to our Principal Rev. Dr. Sr. A. S. J. Lucia Rose M.Sc., PGDCA., M.Phil., Ph.D., and to our Director Rev. Sr. Peregrina Mary M.A., M.Ed., for kindly permitting me to do this Project.

I express my gratitude to **Dr. G. Priscilla Pacifica M.Sc., B.Ed., M.Phil., Ph.D., SET.,** SSC Coordinator, Department of Mathematics, for her inspirational ideas and encouragement.

I am very thankful to my guide Ms. A. Ferdina M.Sc., M.Phil., SET., Assistant Professor, Department of Mathematics (SSC) for her efficient and effective guidance. She played a key role in the preparation of this project.

I also thank my staff members for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

Date: 28.03.2019

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A STUDY ON RW SETS IN TOPOLOGICAL SPACES

A Project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI affiliated to

Manonmaniam Sundaranar University, Tirunelveli

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This is to certify that this project work entitled "A STUDY ON

RW SETS IN TOPOLOGICAL SPACES" is submitted to St. Mary's College (Autonomous), Thoothukudi affiliated to MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI in partial fulfilment for the award of the Degree of Master of Science in Mathematics and is the work done during the year 2018-2019 by S. JOAN ROMAINE (REG. NO : 17SPMT13)

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First of all I thank the Almighty for showering his blessings to undergo this project.

l express my sincere gratitude and heartfelt thanks to our Principal Rev. Dr. Sr. A. S. J. Lucia Rose M.Sc., PGDCA, M.Phil., Ph.D., and to our Director Rev. Sr. Peregrina Mary M.A., M.Ed., for kindly permitting me to do this Project.

I express my gratitude to Dr. G. Priscilla Pacifica M.Sc., B.Ed., M.Phil., Ph.D., SET SSC Coordinator, Department of Mathematics, for her inspirational ideas and encouragement.

I am very thankful to my guide **Dr. P. Anbarasi Rodrigo M.Sc.,Ph.D.,** Assistant Professor, Department of Mathematics (SSC) for her efficient and effective guidance .She played a key role in the preparation of this project.

I also thank my staff members for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

Date: 28.03.2019

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A STUDY ON MANIFOLDS

A project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI affiliated to

ManonmaniamSundaranar University, Tirunelveli

in partial fulfilment for the award of the degree of

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First of all I thank the Almighty for showering his blessings to undergo this project.

I express my sincere gratitude and heartfelt thanks to our PrincipalRev. Dr. Sr. A. S. J. Lucia Rose M.Sc., PGDCA., M.Phil., Ph.D.and to our Director Rev. Sr. Peregrina Mary M.A., M.Ed., for kindly permitting me to do this project.

I express my gratitude to Dr. G. Priscilla Pacifica M.Sc., B.Ed., M.Phil., Ph.D., SET,SSC Coordinator, Department of Mathematics, for her inspirational ideas and encouragement.

I am very thankful to my guide Mrs. V. Uma Maheswari M.Sc., M.Phil., Assistant Professor, Department of Mathematics (SSC) for her efficient and effective guidance. She played a key role in the preparation of this project.

I also thank my staff members and my parents for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

Date: 28 03. 2019.

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A STUDY ON FELICITOUS LABELING

A project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI

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First of all I thank the Almighty for showering his blessing to undergo this project.

I express my sincere gratitude and heartfelt thanks to our principal Rev. Dr. Sr. A.S.J. Lucia Rose M.Sc., PGDCA., M.Phil., Ph.D., and to our Director Rev. Sr. Peregrina Mary M.A., M.Ed., for having kindly permitting me to do this project.

I express my gratitude to Dr. G. Priscilla Pacifica M.Sc., B.Ed., M.Phil., Ph.D., SET., SSC Coordinator, the Department of Mathematics for her inspirational ideas and encouragement.

I am very thankful to my guide Ms. M. Kanaga M.Sc., B.Ed., SET., Assistant Professor, Department of Mathematics (SSC) for her efficient and effective guidance. She played a key role in the preparation of this project.

I also thank my staff members for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

Date: 28.03. 2019

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A STUDY ON SKOLEM HARMONIC MEAN LABELING IN GRAPHS

A project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI affiliated to

ManonmaniamSundaranar University, Tirunelveli

in partial fulfilment for the award of the degree of

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First of all I thank the Almighty for showering his blessings to undergo this project.

I express my sincere gratitude and heartfelt thanks to our Principal Rev. Dr. Sr. A. S. J. Lucia Rose M.Sc., PGDCA., M.Phil., Ph.D., and to our Director Rev. Sr. Peregrina Mary M.A., M.Ed., for kindly permitting me to do this project.

I express my gratitude to Dr. G. Priscilla Pacifica M.Sc., B.Ed., M.Phil., Ph.D., SET., SSC Coordinator, Department of Mathematics, for her inspirational ideas and encouragement.

I am very thankful to my guide Ms.M. Kanaga M.Sc.,B.Ed.,SET., Assistant Professor, Department of Mathematics (SSC) for her efficient and effective guidance. She played a key role in the preparation of this project.

I also thank my staff members for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

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A STUDY ON S1 NEAR RINGS

A Project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI affiliated to

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in partial fulfilment for the award of the degree of

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First of all I thank the Almighty for showering his blessings to undergo this project.

I express my sincere gratitude and heartfelt thanks to our Principal Rev. Dr. Sr. A. S. J. Lucia Rose M.Sc., PGDCA., M.Phil., Ph.D., and to our Director Rev. Sr. Peregrina Mary M.A., M.Ed., for kindly permitting us to do this Project.

I express my gratitude to Dr. G. Priscilla Pacifica M.Sc., B.Ed., M.Phil., Ph.D., SET.,SSC Coordinator,Department of Mathematics, for her inspirational ideas and encouragement.

I am very thankful to my guide Ms. A. Ferdina M.Sc., M.Phil., SET., Assistant Professor, Department of Mathematics(SSC), for her efficient and effective guidance. She played a key role in the preparation of this project.

I also thank my staff members for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

Date: 28.03.2019

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A STUDY ON DOMINATION IN GRAPHS

A Project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI affiliated to

Manonmaniam Sundaranar University, Tirunelveli

in partial fulfilment for the award of the degree of

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I express my sincere gratitude and heartfelt thanks to our Principal Rev. Dr. Sr. A. S. J. Lucia Rose M.Sc., PGDCA., M.Phil., Ph.D. and to our Director Rev. Sr. Peregrina Mary M.A., M.Ed., for kindly permitting me to do this project.

I express my gratitude to my guide Dr. G. Priscilla Pacifica M.Sc., B.Ed., M.Phil., Ph.D., SET, SSC Coordinator, Department of Mathematics, for her inspirational ideas and encouragement. She played a key role in the preparation of this project.

I also thank my staff members and my parents for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

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A STUDY ON TOTALLY MAGIC LABELING

A Project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI

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Manonmaniam Sundaranar University, Tirunelveli

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First of all I thank the Almighty for showering his blessing to undergo this project.

l express my sincere gratitude and heartfelt thanks to our principal Rev. Dr. Sr. A.S.J. Lucia Rose M.Sc., PGDCA., M.Phil., Ph.D., and to our Director Rev. Sr. Peregrina Mary M.A., M.Ed., for kindly permitted me to do this project.

I express my gratitude to Dr. G. Priscilla Pacifica M.Sc., B.Ed., M.Phil., Ph.D., SET, SSC Coordinator, the Department of Mathematics(SSC) for her inspirational ideas and encouragement.

I am very thankful to my guide Mrs. V. Uma Maheswari M.Sc., M.Phil., Assistant Professor, Department of Mathematics(SSC) for her efficient and effective guidance. She played a key role in the preparation of this project.

I also thank my staff members for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

Date: 28.03.2019

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A STUDY ON b*-Closed sets in Topological Spaces

A project submitted to

ST.MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI.

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We express our sincere gratitude and heartfelt thanks to our Principal **Rev. Dr. Sr. A. S. J. Lucia Rose M. Sc., PGDCA., M.Phil., Ph.D.,** and to our Director **Rev. Sr. Peregrina Mary M.A., M.Ed.,** for kindly permitted us to do this project.

We express our gratitude to **Dr. G.Priscilla Pacifica M.Sc., B. Ed.,MPhil.,Ph.D.,SET** SSC Coordinator, Department of Mathematics for her inspirational ideas and encouragement.

We are very thankful to our guide **Ms.C.Reena M.Sc., B.Ed., MPhil.,SET.,** Assistant Professor, Department of Mathematics (SSC) for her efficient and effective guidance. She played a key role in the preparation of this project.

We also thank our staff members for their encouragement in all our efforts. Finally, we thank all those who extended their help regarding this project.

Place: Thoothukudi

Date: 28-03-2019

A STUDY ON b*-Closed sets in Topological Spaces

A project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI affiliated to

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in partial fulfilment for the award of the degree of

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First of all I thank the Almighty for showering his blessings to undergo this project.

I express my sincere gratitude and heartfelt thanks to our Principal Rev. Dr. Sr. A. S. J. Lucia Rose M.Sc., PGDCA., M.Phil., Ph.D and to our Director Rev. Sr. Peregrina Mary M.A., M.Ed., for kindly permitting me to do this project.

I express my gratitude to my guide **Dr. G. Priscilla Pacifica M.Sc., M.Phil., Ph.D.,** SSC Coordinator, Department of Mathematics, for her inspirational ideas and encouragement.

I am very thankful to my guide Ms. K. RajendraSuba M.sc., M.Phil., Assistant Professor, Department of Mathematics (SSC) for her efficient and effective guidance. She played a key role in the preparation of this project.

I also thank my staff members for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

Date: 28.03.2019

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A STUDY ON FUZZY GRAPH THEORY

A project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI affiliated to

ManonmaniamSundaranar University, Tirunelveli

in partial fulfilment for the award of the degree of

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First of all I thank the Almighty for showering his blessings to undergo this project.

I express my sincere gratitude and heartfelt thanks to our Principal Rev. Dr. Sr. A. S. J. Lucia Rose M.Sc., PGDCA., M.Phil., Ph.D and to our Director Rev. Sr. Peregrina Mary M.A., M.Ed., for kindly permitting me to do this Project.

I express my gratitude to Dr. G. Priscilla Pacifica M.Sc., B.Ed., M.Phil., Ph.D., SET SSC Coordinator, Department of Mathematics, for her inspirational ideas and encouragement.

I am very thankful to my guide Ms. V. Uma Maheshwari M.Sc., M.Phil., Assistant Professor, Department of Mathematics (SSC) for her efficient and effective guidance. She played a key role in the preparation of this project.

I also thank my staff members for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

Date: 28.03.2019

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A STUDY ON NORMED LINEAR SPACE

A Project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI affiliated to

Manonmaniam Sundaranar University, Tirunelveli

in partial fulfilment for the award of the degree of

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First of all I thank the Almighty for showering his blessings to undergo this project.

l express my sincere gratitude and heartfelt thanks to our PrincipalRev. Dr. Sr. A. S. J. Lucia Rose M.Sc., PGDCA., M.Phil., Ph.D. and to our Director Rev. Sr. Peregrina Mary M.A., M.Ed., for kindly permitted us to this Project.

I express my gratitude to Dr. G. Priscilla Pacifica M.Sc., B.Ed., M.Phil., Ph.D., SET Head of the Department of Mathematics(SSC), for her inspirational ideas and encouragement. She played a key role in the preparation of this project.

I am very thankful to my guide Ms. A. Ancy M.Sc., M.Phil., Assistant Professor, Department of Mathematics(SSC), for her efficient and effective guidance. She played a key role in the preparation of this project.

I also thank my staff members for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

Date: 28 03. 2019

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A STUDY ON THE QUOTIENT TOPOLOGY

A Project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI affiliated to

Manonmaniam Sundaranar University, Tirunelveli

in partial fulfilment for the award of the degree of

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This is to certify that this project work entitled "A STUDY ON THE QUOTIENT TOPOLOGY" is submitted to St. Mary's College (Autonomous), Thoothukudi affiliated to MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI in partial fulfilment for the award of the Degree of Master of Science in Mathematics and is the work done during the year 2018-2019 by

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First of all I thank the Almighty for showering his blessings to undergo this project.

I express my sincere gratitude and heartfelt thanks to our Principal Rev. Dr. Sr. A. S. J. Lucia Rose M.Sc., PGDCA., M.Phil., Ph.D.and to our Director Rev. Sr. Peregrina Mary M.A., M.Ed., for kindly permitting me to do this project.

I express my gratitude to my guide **Dr. G. Priscilla Pacifica M.Sc., B.Ed., M.Phil.,Ph.D., SET,SSC** Coordinator, Department of Mathematics, for her inspirational ideas and encouragement. She played a key role in the preparation of this project.

I also thank my staff members for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

Date: 28. 03. 2019

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A STUDY ON g*s-CLOSED SETS IN TOPOLOGICAL SPACES

A Project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI affiliated to

Manonmaniam Sundaranar University, Tirunelveli

in partial fulfilment for the award of the degree of

MASTER OF SCIENCE IN MATHEMATICS

Submitted by

M. SHUNMUGAPRIYA

Reg. No: 17SPMT26

Under the Guidance of

Ms. K.RAJENDRASUBA M.Sc., M.Phil.,



DEPARTMENT OF MATHEMATICS

St. Mary's College (Autonomous), Thoothukudi

MARCH-2019

This is to certify that this project work entitled "A STUDY ON g*s-Closed sets in Topological Spaces" is submitted to St. Mary's College (Autonomous), Thoothukudi affiliated to MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI in partial fulfilment for the award of the Degree of Master of Science in Mathematics and is the work done during the year 2018-2019 by M. SHUNMUGAPRIYA (REG. NO: 17SPMT26)

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I express my gratitude to Dr. G. Priscilla Pacifica M.Sc., B.Ed., M.Phil., Ph.D., SET SSC Coordinator, Department of Mathematics, for her inspirational ideas and encouragement.

I am very thankful to my guide Ms. K. Rajendra Suba M.Sc., M.Phil., Assistant Professor, Department of Mathematics (SSC) for her efficient and effective guidance. She played a key role in the preparation of this project.

I also thank my staff members for their encouragement in all my efforts. Finally I thank all those who extended their help regarding this project.

Place: Thoothukudi

Date: 28.03.19

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A STUDY ON PROBLEMS RELATED TO

BROADCASTING IN GRAPHS

A project submitted to

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI

affiliated to

Manonmaniam Sundaranar University, Tirunelveli

in partial fulfilment for the award of the degree of

MASTER OF SCIENCE IN MATHEMATICS

Submitted by

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March- 2019

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Place: Thoothukudi

Date: 28.03.2019

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