A STUDY ON TRIPLE CONNECTED DOMINATION IN GRAPHS

Dissertation submitted to

St. Mary's College(Autonomous)

Thoothukudi

affiliated to

MANONMANIAM SUNDARANAR UNIVERSITY

in partial fulfillment of the requirements

for the award of the Degree of

MASTER OF PHILOSOPHY IN MATHEMATICS

Вy

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(REG.NO. 17MLMT01)



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Re-accredited with 'A' Grade by NAAC

THOOTHUKUDI-628001

AUGUST 2018

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This is to certify that the dissertation entitled A Study on Triple Connected Domination in Graphs submitted to St.Mary's College (Autonomous), Thoothukudi, affiliated to Manonmaniam Sundaranar University, in partial fulfillment of the requirements for the award of the Degree of Master of Philosophy in Mathematics is a work done by S.Gurumathi during the year 2017-2018, and that it has not previously formed the basis for the award of any degree, diploma or similar title.

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> S. Gurumathi Signature of the student

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A STUDY ON NEW TYPE OF GENERALIZED CLOSED SETS IN TOPOLOGICAL SPACES

A Dissertation submitted to

ST. MARY'S COLLEGE (AUTONOMOUS)

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in partial fulfilment of the requirements

for the award of the Degree of

MASTER OF PHILOSOPHY IN MATHEMATICS

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This is to certify that the dissertation entitled "A STUDY ON NEW TYPE OF GENERALIZED CLOSED SETS IN TOPOLOGICAL SPACES" submitted to St. Mary's College (Autonomous), Thoothukudi, affiliated to Manonmaniam Sundaranar University, in partial fulfilment of the requirements for the award of the Degree of Master of Philosophy in Mathematics is a work done by **T. Hepzibha Darsilin** during the year 2017 - 2018, and that it has not previously formed the basis for the degree of any degree, diploma or similar title.

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I hereby declare that the dissertation entitled "A STUDY ON NEW TYPE OF GENERALIZED CLOSED SETS IN TOPOLOGICAL SPACES" submitted to St. Mary's College (Autonomous), Thoothukudi, affiliated to Manonmaniam Sundaranar University, in partial fulfilment of the requirements for the award of the Degree of Master of Philosophy in Mathematics is my work and that, it has not previously formed the basis for the award of any degree, diploma or similar title.

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DATE : 01 08 2018

A STUDY ON GENERALIZED ab-CLOSED SETS IN

TOPOLOGICAL SPACES

Dissertation submitted to

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in partial fulfilment of the requirements

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CERTAIN INVESTIGATIONS ON S_g^* -OPEN SETS AND GENERALIZED S_g^* -OPEN SETS IN TOPOLOGICAL SPACES

Dissertation submitted to

St. Mary's College (Autonomous)

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Affiliated to

MANONMANIAM SUNDARANAR UNIVERSITY

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STUDY ON DERIVATIONS OF INCLINE ALGEBRA

A Dissertation submitted to

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A STUDY ON INTEGRAL ROOT LABELING OF GRAPHS

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STUDY ON GENERALIZATIONS OF CLOSED SET IN BITOPOLOGICAL SPACE

A Dissertation submitted to

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