This is to certify that this dissertation entitled "A STUDY ON SOFT Gβ AND Gsβ-CLOSED SETS IN SOFT TOPOLOGICAL SPACES" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to the Bharathiar University, in partial fulfillment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by MS. V. DHANYA during the period 2018 - 2019 of her study in the Department of Mathematics (UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree/ Diploma/ Associate ship/ Fellowship or other similar title to any candidate of any University.

Place: Coimbatore

Date: 19.03.2019

S. Seli wh 2103119 Signature of the Guide

Counter Signed

GBE-29

ONOX: (38

Head of the Department

Dr. V. RAJENDRAN
M.Sc., M.Phil., PGDCA., Ph.D., (SET)
Assistant Professor and Head
Department of Mathematics (UA)
Kongunadu Arts & Science College
G.N. Mills Post., Coimbatore - 641 029

Principa

PRINCIPAL
Kongunadu Arts & Science College
Coimbatore - 641 029.

Submitted for the Viva - voce examination held on 24/19 at Kongunadu Arts and Science College, Coimbatore - 641029.

Internal Examiner

This is to certify that this dissertation entitled "LINEAR DIFFERENTIAL EQUATIONS OF HIGHER ORDER" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to the Bharathiar University, in partial fulfillment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by R. BALAMURUGAN during the period 2018–2019 of his study in the Department of Mathematics(UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree Diploma/ Associate ship/ Fellowship or other similar title to any candidate of any University.

Place: Coimbatore

Date: 19/03/2019

R. Prompodi` Signature of the Guide

Dr. R. POONGODI, M.Sc., M.Phil., PGDCA., Ph.D.SET.
Associate Professor
Department of Mathematics
Kongunadu Arts & Science College

Coimbatore - 641 029.

Dr. V. RAJENDRAN
M.Sc., M.Phil., PCDCA., Ph.D., (SET)
Assistant Professor and Head
Department of Mathematics (UA)
Kongunadu Arts & Science College
G.N. Mills Post., Coimbatore - 641 029

Head of the Department

SCIENCE

Kongunadu Arts & Science College

Submitted for the Viva - voce examination held on 03.000 Roman Arts

Counter Signed

GBE-29

and Science College, Coimbatore-641 029.

Internal Examiner

This is to certify that this dissertation entitled "A STUDY ON SOFT Gβ AND Gsβ-CLOSED SETS IN SOFT TOPOLOGICAL SPACES" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to the Bharathiar University, in partial fulfillment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by MS. V. DHANYA during the period 2018 - 2019 of her study in the Department of Mathematics (UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree/ Diploma/ Associate ship/ Fellowship or other similar title to any candidate of any University.

Place: Coimbatore

Date: 19.03.2019

S. Seli wh 2103119 Signature of the Guide

Counter Signed

GBE-29

ONOX: (38

Head of the Department

Dr. V. RAJENDRAN
M.Sc., M.Phil., PGDCA., Ph.D., (SET)
Assistant Professor and Head
Department of Mathematics (UA)
Kongunadu Arts & Science College
G.N. Mills Post., Coimbatore - 641 029

Principa

PRINCIPAL
Kongunadu Arts & Science College
Coimbatore - 641 029.

Submitted for the Viva - voce examination held on 24/19 at Kongunadu Arts and Science College, Coimbatore - 641029.

Internal Examiner

This is to certify that this dissertation entitled " $\beta^* g\alpha$ - CLOSED SET IN GENERAL TOPOLOGICAL SPACES AND β - OPEN SET IN SOFT TOPOLOGICAL SPACES" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to the Bharathiar University, in partial fulfillment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by EASUPRIYA P during the period 2018 - 2019 of her study in the Department of Mathematics (UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree/ Diploma/ Associate ship/ Fellowship or other similar title to any candidate of any University.

Place: Coimbatore

Date: 19.3.2019

Counter Signed

Signature of the Guide

Dr. K-BABY

rincipal

Head of the Department

Dr. V. RAJENDRAN
M.Sc., M.Phil., PGDCA., Ph.D., (SET)
Assistant Professor and Head
Sent of Mathematics of Science Ct.
Cost., Comparore - 6.

PRINCIPAL
Kongunadu Arts & Science College
Coimbatore - 641 029.

Submitted for the Viva - voce examination held on 214/19 at Kongunadu Arts and Science College, Coimbatore-641 029.

Internal Examiner

This is to certify that this dissertation entitled "A STUDY ON INTUITIONISTICS SUPRA SEMI-CLOSED SET IN INTUITIONISTICS SUPRA TOPOLOGICAL SPACES" submitted to KONGUNADU ARTS AND SCIENCE COLLEGE (Autonomous), affiliated to the Bharathiar University, in partial fulfilment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by Mr. G. ELANGOVAN during the period 2018 - 2019 of his study in the Department of Mathematics(UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree / Diploma / Associate ship / Fellowship or other similar title to any candidate of any University.

Place: Coimbatore

Date: 19,03.19

() De l'ajusje

Signature of the Guide

Counter Signed

Head of the Department

Dr. V. RAJENDRAN
M.Sc., M.Phil., PGDCA., Ph.D., (SET)
Assistant Professor and Head
Department of Mathematics (UA)
Kongunadu Arts & Science College
G.N. Mills Post., Combatore - 641 029



PRINCIPAL
Kongunadu Arts & Science College
Coimbatore - 641 029.

Submitted for the Viva - Voce Examination held on 2/4/19 at Kongunadu Arts and Science College (Autonomous), Coimbatore - 641 029.

This is to certify that this dissertation entitled "A STUDY ON NANO αω-CLOSED SETS IN NANO TOPOLOGICAL SPACES" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to the Bharathiar University, in partial fulfillment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by S. GABRIEL RAJA (Reg.No.: 172AM004) during the period 2018 - 2019 of his study in the Department of Mathematics (UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree/ Diploma/ Associateship/ Fellowship/ or other similar title to any candidate of any University.

Place: Coimbatore Date: 19.03.2019 Counter Signed

Signature of the Guide
Dr. V. RAJENDRAN
M.Sc., M.Phil., PGDCA., Ph.D., (SET)
Assistant Professor and Head
Department of Mathematics (UA)
Kongunadu Arts & Science College
G.N. Mills Post., Coimbatore - 641 029

Head of the Department

Dr. V. RAJENDRAN
M.Sc., M.Phil., PGDCA., Ph.D., (SET)
Assistant Professor and Head
Department of Mathematics (UA)
K to a ratio Aris & Science College
Cost., Combatore - 641 029

PRINCIPAL
Kongunadu Arts & Science College
Coimbatore - 641 029.

Submitted for the VIVA - VOCE examination held on 08/04/19 at Kongunadu Arts and Science College, Coimbatore - 641029.

Internal Examiner

This is to certify that this dissertation entitled "A STUDY ON APPLICATIONS OF **gα-CLOSED SETS IN TOPOLOGICAL SPACES" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to the Bharathiar University, in partial fulfillment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of review work done by GOWTHAM.T during the period 2018 - 2019 of his study in the Department of Mathematics(UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree/ Diploma/ Associate ship/ Fellowship/ or other similar title to any candidate of any University.

CBE-29

Counter Signed

Place: Coimbatore

Date: 19-03-2019

Signature of the Guide 03/2019

r. A. SINGARAVE N M.Sc., M.Ed., M.Phil., M.Phil.(Edu), Ph.L Assistant Professor

Department of Mathematics (UA)

Kongunadu Arts and Science College (Autonomous) Coimbatore - 641 029, Tamii Nadu, India

Head of the Debartment

Dr. V. RAJENDRAN M.Sc. M.Phil., PGDCA. Ph.D. (SET)
Assistant Professor and Head Department of Mathematic, (UA) Kongunado Arts & Science College G.N. Mills Post., Compatore - 64, 029

PRINCIPAL Kongunadu Arts & Science College Coimbatore - 641 029.

Submitted for the VIVA - VOCE examination held on 214/19 Kongunadu Arts and Science College, Coimbatore -641029.

External Exam

This is to certify that this dissertation entitled "A STUDY ON OPEN NEIGHBOURHOOD COLORING OF PRISM GRAPH FAMILIES" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to the Bharathiar University, in partial fulfillment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by A. K. HARSHINI (Reg.No.:172AM018) during the period 2018 - 2019 of his study in the Department of Mathematics (UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree/ Diploma/ Associateship/ Fellowship/ or other similar title to any candidate of any University.

Place: Coimbatore Date: 19.03.2019 Signature of the Guide

Counter Signed

Head of the Department

Dr. V. RAJENDRAN
M.Sc., M.Phil., PGDCA., Ph.D., (SET)
Assistant Professor and Head
Department of Mathematics (UA)
Kongunadu Arts & Science College
G.N. Mills Post., Coimbatore - 641 029

CBE-29 CBE-29 CBE-29

PRINCIPAL Kongunadu Arts & Science College Coimbatore - 641 029.

Submitted for the VIVA - VOCE examination held on 02.04.2019 at Kongunadu Arts and Science College, Coimbatore -641029.

Internal Examiner

This is to certify that this dissertation entitled "A STUDY ON OPEN NEIGHBORHOOD COLORING OF BISTAR GRAPH" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to the Bharathiar University, in partial fulfillment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by JANARTHANAM. S during the period 2018 - 2019 of his study in the Department of Mathematics(UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree/ Diploma/ Associateship/ Fellowship/ or other similar title to any candidate of any University.

Place: Coimbatore

Date: 19.3.19

Counter Signed

Signature of the Guide

Dr. S. DHANALAKSHMI, M.S. M.Phil. PGDCA.Ph.D.,SEL Associate Protessor. Department of Methematics Kongunadu Arts and Science College, Coimbatore - 641 029

Principal

PRINCIPAL
Kongunadu Arts & Science College
Coimbatore - 641 029.

Dr. V. RAJENDRAN

M.Sc., M.Phil., PGDCA, Ph.D., (SET)

Assistant Professor and Head

Department of Mathematics (UA)

Kongunadu Arts & Science College

G.N. Mills Post., Combatore - 641 (2.5)

J. Ristofia

This is to certify that this dissertation entitled "A STUDY ON OPEN NEIGHBOURHOOD COLORING OF FAN GRAPH FAMILIES" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to the Bharathiar University, in partial fulfillment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by JAYASHRI J during the period 2018-2019 of her study in the Department of Mathematics (UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree/Diploma/Associate ship/Fellowship or other similar title to any candidate of any University.

Place: Coimbatore

Date: 19.3.2019

Counter Signed

Dr. V. RAJENDRAN

M.Sc., M.Phil., PGDCA., Ph.D., (SET) Assistant Professor and Head Department of Mathematics (UA)
Kongunadu Arts & Grience College : Mills Post., Compatore - 641 029



Mrs.R.NESARAJITHAMANI M.Sc , B.Ed., M.Phil.,

Signature of t

Assistant Professor Department of Mathematics(UA) Kongunadu Arts & Science College G.N. Mills Post., Combatore 641 029

PRINCIPAL

Kongunadu Arts & Science College Coimbatore - 641 029

Submitted for the Viva - voce examination held on 22/04/19 at Kongunadu Arts and Science College, Coimbatore-641 029.

This is to certify that this dissertation entitled "A STUDY ON INTUITIONISTIC SUPRA α-CLOSED SET IN INTUITIONISTIC SUPRA TOPOLOGICAL SPACE" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to the Bharathiar University, in partial fulfillment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by MARIA SELVAM. I during the period 2018–2019 of his study in the Department of Mathematics (UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree Diploma/ Associate ship/ Fellowship or other similar title to any candidate of any University.

Place: Coimbatore

Date: 19.03.2019

Signature of the Guide

Counter Signed

GBE-29

Head of the Department

Dr. V. RAJENDRAN
M.Sc., M.Phil., PGDCA., Ph.D., (SET)
Assistant Professor and Head
Department of Mathematics (UA)
Kongunadt Arts & Science College
G.N. Mills Post., Combatore - 641 029

PRINCIPAL
Kongunadu Arts & Science College
Coimbatore - 641 029.

Submitted for the Viva - Voce examination held on 22.42.2019at Kongunadu Arts and Science College, Coimbatore—641 029.

Internal Examiner

This is to certify that this dissertation entitled "A STUDY ON Nβgw-CLOSED SETS IN NANO TOPOLOGICAL SPACES" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to the Bharathiar University, in partial fulfillment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by M. PAVITHRAN (Reg.No.:172AM 020) during the period 2018 - 2019 of his study in the Department of Mathematics (UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree/ Diploma/ Associateship/ Fellowship/ or other similar title to any candidate of any University.

Place: Coimbatore

Date: 18-03-2019

Counter Signed

Signature of the Guide

Head of the Department

Dr. V. RAJENDRAN
M.Sc., M.Phil., PGDCA. Ph.D., (SET)
Assistant Professor and Head
Department of Mathematics (UA)
Kongunadu Arts & Science College
G.N. Mills Post., Compatore - 641 029

PRINCIPAL
Kongunadu Arts & Science College
Coimbatore - 641 029.

Submitted for the VIVA - VOCE examination held on 2/4/19 at Kongunadu Arts and Science College, Coimbatore -641029.

Internal Examiner

This is to certify that this dissertation entitled "A STUDY ON Nαgw-CLOSED SETS IN NANO TOPOLOGICAL SPACES" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to the Bharathiar University, in partial fulfillment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by K. S. RAMYA (Reg.No.:172AM015) during the period 2018 - 2019 of his study in the Department of Mathematics (UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree/ Diploma/ Associateship/ Fellowship/ or other similar title to any candidate of any University.

Place: Coimbatore

Date: 18-03-2019

Signature of the Guide

Counter Signed

Head of the Department

Dr. V. RAJENDRAN
M.Sc., M.Phil., PGDCA., Ph.D., (SET)
Assistant Professor and Head
Department of Mathematics (UA)
Kongunadu Arts & Science College
G.N. Mills Post., Coimbatore - 641 029

OBE-29 CARROLLO OBE-29 CARROLLO OBE-29

PRINCIPAL
Kongunadu Arts & Science College
Coimbatore - 641 029.

Submitted for the VIVA - VOCE examination held on D2:D4:2019. at Kongunadu Arts and Science College, Coimbatore -641029.

Internal Examiner

This is to certify that this dissertation entitled "A STUDY ON NEIGHBOURHOOD COLORING IN STAR. GRAPH" submitted Kongunadu to Arts and Science College (Autonomous), affiliated to the Bharathiar University, in partial fulfilment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of review work done by P. RANJANI during the period 2018-2019 of her study in the Department of Mathematics(UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree Diploma/ Associate ship/ Fellowship or other similar title to any candidate of any University.

Place: Coimbatore

Date: 19.03.2019

Dr. V. RAJENDRAN
M.Sc., M.Phil., PGDCA., Ph.D., (SET)
Assistant Professor and Head
Department of Mathematics (UA)
Kongunadu Arts & Science College
G.N. Mills Post., Coimbatore - 641 029
Head of the Department

Simple Sing 19

Signature of the Guide

Dr. S. DHANALAKSHMI, M.Sc.,M.Phil.,PGDCA.,Ph.D.,SET.,
Associate Professor,
Department of Mathematics
Kongunadu Arts and Science College,
Coimbatore - 641 029.

Principal PRINCIPAL

Submitted for the Viva - voce examination heldonno Rord 2019 029.

Kongunadu Arts and Science College, Coimbatore-641 029.

Internal Examiner

This is to certify that this dissertation entitled "A STUDY SUPRA b-OPEN AND *bg-CLOSED ON SET INTOPOLOGICAL SPACES" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to the Bharathiar University, in partial fulfillment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by RATHINA PRABHA C during the period 2018-2019 of her study in the Department of Mathematics (UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree Diploma/ Associate ship/ Fellowship or other similar title to any candidate of any University.

Counter Signed

Place: Coimbatore

Date: 19.03.2019

Signature of the Guide

Dr. K. KRISHNAVENI
M.Sc., M.Phil., PGDCA., Ph.D.,
Associate Professor
Department of Mathematics(UA)
Kongunadu Arts & Science College
G.N. Mills Post., Coimbatore 641 629

Head of the Department

Dr. V. RAJENDRAN
M.Sc., M.Phil., PGDCA., Ph.D., (SET)
Assistant Professor and Head
Department of Mathematics (UA)
Kongunadu Arts & Science College
G.N. Mills Post., Coimbatore - 641 029

PRINCIPAL
Kongunadu Arts & Science College
Coimbatore - 641 029.

Submitted for the Viva - Voce examination held on 52/04/19at Kongunadu Arts and Science College, Coimbatore-641 029.

Internal Examiner

This is to certify that this dissertation entitled "A BROAD FIELD OF ITS STUDY ON CRYPTOGRAPHY APPLICATIONS" submitted to Kongunadu Arts and Science Bharathiar College (Autonomous), affiliated the to University, in partial fulfilment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by M. SANCHANA during the period 2018-2019 of her study in the Department of Mathematics(UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree Diploma/ Associate ship/ Fellowship or other similar title to any candidate of any University.

Place: Coimbatore

Date: 19.03.19

Dr. V. RAJENDRAN
M.Sc., M.Phil., PGDCA., Ph.D., (SET)
Assistant Professor and Head
Department of Mathematics (UA)
Kongunadu Arts & Science College
G.N. Mills Post., Coimbatore - 641 029

Head of the Department

Signature of the Guide

Counter Signed

PRINCIPAL
Kongunadu Arts & Science College
Coimbatore - 641 029.

Principal

Submitted for the Viva - voce examination held on 52...04...19at Kongunadu Arts and Science College, Coimbatore-641 029.

Internal Examiner

This is to certify that this dissertation entitled "A STUDY ON BOUNDARY VALUE PROBLEMS" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to the Bharathiar University, in partial fulfilment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by SARANYA GURUNATHAN during the period 2018–2019 of her study in the Department of Mathematics(UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree Diploma/ Associate ship/ Fellowship or other similar title to any candidate of any University.

Place: Coimbatore

Date: 19.03.19

Dr. V. RAJENDRAN
M.Sc., M.Phil., PGDCA., Ph.D., (SET)
Assistant Professor and Head
Department of Mathematics (UA)
Kongunadu Arts & Science College
G.N. Mills Post., Coimbatore - 641 029
Head of the Department

R Poorsod' Signature of the Guide

Dr. R. POONGODI, M.Sr., M.Phil., PGDCA., Ph.D.SET.
Associate Professor
Department of Mathematics

Department of Niathernatics
Kongunadu Arts & Science College
Coimbatore - 641 029.

Kongunadu Arts and Science College

Submitted for the Viva - voce examination held what let hat 29.

Kongunadu Arts and Science College, Coimbatore-641 029.

This is to certify that this dissertation entitled "A STUDY ON ACHROMATIC COLORING FOR BARBELL GRAPH" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to the Bharathiar University, in partial fulfillment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by SHARAN R during the period 2018–2019 of his study in the Department of Mathematics (UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree Diploma/ Associate ship/ Fellowship or other similar title to any candidate of any University.

Place: Coimbatore

Date: 19.03.2019

Signature of the Guide

Mrs.G.JULIET JEBA THANGAM
M.Sc., B.Ed., M.Phil.,
Assistant Professor
Department of Mathematics(UA)
Kongunadu Arts & Science College
G.N. Mills Post., Coimbatore 641 029

Counter Signed

Head of the Department

Dr. V. RAJENDRAN
M.Phil., PGDCA. Ph.D., (SET)
SSISTANT Professor and Head
partment of Mathematics (UA)
Mogunadu Arts & Science College
G.N. Mills Post., Combatore - 641 029

Brincipal

PRINCIPAL

Kongunadu Arts & Science College

Coimbatore - 641 029.

Submitted for the Viva - Voce examination held on 2.4.19. at Kongunadu Arts and Science College, Coimbatore-641 029.

Internal Examiner

This is to certify that this dissertation entitled "gr*-Closed sets and gr*-Continuous functions" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to the Bharathiar University, in partial fulfilment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by Sumithra.K during the period 2018–2019 of her study in the Department of Mathematics(UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree Diploma/ Associate ship/ Fellowship or other similar title to any candidate of any University.

Place: Coimbatore

Date: 19/03/2019

Signature of the Guide

Head of the Department

Dr. V. RAJENDRAN
M.Sc., M.Phil., PGDCA., Ph.D., (1971)
Assistant Professor and Hood
Department of Mathematics (UA)
Kongenarty Arts & Science Gollege
G.N. Mills Pest., Coimbatore - 641 029

Principal
Kongunadu Arts and Science College
COIMBATORE - 641 029.

Submitted for the Viva - voce examination held on 2/4./19... at Kongunadu Arts and Science College, Coimbatore—641 029.

ned

Internal Examiner

This is to certify that this dissertation entitled "A STUDY ON SUPRA g-CLOSED SET AND SUPRA $g \not *_b$ CLOSED SET IN SUPRA TOPOLOGICAL SPACES" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to the Bharathiar University, in partial fulfilment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by SUWETHAR during the period 2018-2019 of study in the Department of Mathematics(UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree Diploma/ Associate ship/ Fellowship or other similar title to any candidate of any University.

Place: Coimbatore

Date: 19.03.19

Dr. V. RAJENDRAN
M.Sc., M.Phil., PGDCA., Ph.D., (SET)
Assistant Professor and Head
Department of Mathematics (UA)
Kongunadu Arts & Science College
G.N. Mills Post., Coimbatore - 641 029

Head of the Department

Signature of the Guide

Dr. K. KRISHNAVENI
M.Sc., M.Phil., PGDCA., Ph.D.,
Associate Professor
Department of Mathematics(UA)
Kongunadu Arts & Science College
G.N. Mills Post., Coimbatore 641 029

Kongunadu Arts & Science College

Submitted for the Viva - voce examination held on on the Viva - voce examination held on on the Viva - 641 029 at Kongunadu Arts and Science College, Coimbatore—641 029.

GBE-29

Counter Signed

Internal Examiner

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Place: Coimbatore Date: 19.03.2019

Counter Signed

Head of the Department

Dr. V. RAJENDRAN
M.Sc., M.Phil., PGDCA., Ph.D., (SET)
Assistant Professor and Head
Department of Mathematics (UA)
Kongunadu Arts & Science College
G.N. Mills Post., Combatore - 641 029

OBE-29 OBE-29 OBE-29

PRINCIPAL
Kongunadu Arts & Science College
Coimbatore - 641 029.

Submitted for the VIVA - VOCE examination held on 02.04.2019 at Kongunadu Arts and Science College, Coimbatore -641029.

Internal Examine 2 10 4 19

This is to certify that this dissertation entitled "P*gα-CLOSED SET IN GENERAL TOPOLOGICAL SPACES AND α-OPEN IN SOFT TOPOLOGICAL SPACES" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to the Bharathiar University, in partial fulfillment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by S. VIJAYA (Reg.No.:172AM024) during the period 2018 - 2019 of herstudy in the Department of Mathematics (UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree/ Diploma/ Associateship/ Fellowship/ or other similar title to any candidate of any University.

Place: Coimbatore

Date: 19/3/19

Signature of the Guide

Dr. K. BABY

Head of the Department

Dr. V. RAJENDRAN
M.Sc., M.Phil., PGDCA., Ph.D., (SET)
Assistant Professor and Head
Department of Mathematics (UA)
Kongunadu Arts & Science College
G.N. Mills Post., Coimbatore - 641 029

PRINCIPAL

Kongunadu Arts & Science College

Coimbatore - 641 029.

Submitted for the VIVA - VOCE examination held on 2/4/13 at Kongunadu Arts and Science College, Coimbatore -641029.

Counter Sign

Internal Examiner

This is to certify that this dissertation entitled "A STUDY ON NANO ρ-CLOSED SETS IN NANO TOPOLOGICAL SPACES" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to the Bharathiar University, in partial fulfillment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by P. YOGAPRIYA (Reg.No.:172AM011) during the period 2018 - 2019 of his study in the Department of Mathematics (UA), Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree/ Diploma/ Associateship/ Fellowship/ or other similar title to any candidate of any University.

Place: Coimbatore Date: 19.03.2019

Counter Signed

Head of the Department

Dr. V. RAJENDRAN
M.Sc., M.Phil., PGDCA., Ph.D., (SET)
Assistant Professor and Head
Department of Mathematics (UA)
Kongunadu Arts & Science College
G.N. Mills Post., Coimbatore - 641 029

CBE-29 CBE-29 CBE-29

Signature of the Guide
Dr. V. RAJENDRAN
M.Sc., M.Phil., PGDCA., Ph.D., (SET)
Assistant Professor and Head
Department of Mathematics (UA)
Kongunadu Arts & Science College
G.N. Mills Post., Coimbatore - 641 029

Pfincipal

PRINCIPAL

Kongunadu Arts & Science College

Coimbatore - 641 029.

Submitted for the VIVA - VOCE examination held on ________ at Kongunadu Arts and Science College, Coimbatore -641029.

Internal Examiner

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Place: Coimbatore

Date: 19.03.2019

Signature of the Guide

Mrs.G.JULIET JEBA THANGAM
M.Sc., B.Ed., M.Phil.,
Assistant Professor
Department of Mathematics(UA)
Kongunadu Arts & Science College
G.N. Mills Post., Combatore 641 029

Counter Signed

Head of the Department

Dr. V. RAJENDRAN
M.Sc., M.Phil., PGDCA., Ph.D., (SET)
Assistant Professor and Head
Department of Mathematics (UA)
Kongunadu Arts & Science College
G.P. Mills Post., Combatore - 641 029

Principal

PRINCIPAL Kongunadu Arts & Science College Coimbatore - 641 029.

Submitted for the Viva - Voce examination held on 22/24/2019 at Kongunadu Arts and Science College, Coimbatore—641 029.

Internal Examiner