

NALLAMUTHU GOUNDER MAHALINGAM COLLEGE

DEPARTMENT OF MATHEMATICS

LIST OF PROJECT STUDENTS 2020-21 (PG)

S.No	Register No	Student Name	Project Title	Period	Name of the Guide
1.	19- PM- 01	Arun boopathi.S M	A Study On Nano Alpha Open Sets In Nano Topological Spaces	Jan 2021- May 2021	Dr. V. Inthumathi
2.	19- PM- 02	Vignesh waran M.	A Study On A Generalized Pre-Closed Sets In Topological Spaces And Soft Topological Spaces	Jan 2021- May 2021	Dr. J. Jayasudha
3.	19- PM- 03	Afrien banu H.	A Study On Soft $\hat{g}^*$ -Closed Sets In Soft Topological Spaces	Jan 2021- May 2021	Dr. V. Chitra
4.	19- PM- 04	Annalakshmi R.	A Study On Prime Cordial Labelling	Jan 2021- May 2021	Dr. S. Sivasankar
5.	19- PM- 05	Ayshabegam F.	A Study On Stochastic Differential Equations	Jan 2021- May 2021	Dr. S. Kaleeswari

6.	19- PM- 06	Charumathi P	Study On Regular Beta I-Closed Sets In Ideal Topological Spaces	Jan 2021- May 2021	Mrs. A. Gnanasoundari
7.	19- PM- 07	Dharani K.	A Study On Weakly Generalized Closed Sets In Multiset Topological Spaces	Jan 2021- May 2021	Dr. N. Selvanayaki
8.	19- PM- 08	Gokila. S	A Study On α -Generalised Closed Sets In Multiset Topological Spaces	Jan 2021- May 2021	Dr. M Maheswari
9.	19- PM- 09	Gokulapriya M.	A Study On Some Weaker Forms Of Soft Open Sets In Soft Topological Spaces	Jan 2021- May 2021	Dr. V. Inthumathi
10.	19- PM- 10	Gowthami M.	A Study On $\hat{a}g$ -Closed Sets In Topological Spaces And Soft Topological Spaces	Jan 2021- May 2021	Dr. J. Jayasudha
11.	19- PM- 11	Haritha.H	A Study On ρI -Closed Sets In Ideal Topological Spaces	Jan 2021- May 2021	Dr. V. Chitra
12.	19- PM- 12	Hemamalini.S	A Study On Geodetic Numbers Of Graphs And Digraphs	Jan 2021- May 2021	Dr. S. Sivasankar
13.	19- PM- 13	Jayaragavi N.	Runge – Kutta Method For Delay Differential Equations	Jan 2021- May 2021	Dr. S. Kaleeswari

14.	19- PM- 14	Jenittaraj N	A Study On Hamiltonian Circuits In A Complete Graph	Jan 2021- May 2021	Dr. S. Sivasankar
15.	19- PM- 15	Keerthana D.	A Study On Generalized* Closed Multiset Topological Spaces	Jan 2021- May 2021	Dr. N. Selvanayaki
16.	19- PM- 17	Kowsalya Harishanthi.C	A Study On Generalized Closed And Open Sets In Multiset Topological Spaces	Jan 2021- May 2021	Dr. M Maheswari
17.	19- PM- 18	Lakshmi S.	On Nano Semi α - I Open Sets	Jan 2021- May 2021	Dr. V. Inthumathi
18.	19- PM- 19	Lavanya S.	Study On $g\alpha$ -Closed Sets In Topological Spaces And Soft Topological Spaces	Jan 2021- May 2021	Dr. J. Jayasudha
19.	19- PM- 20	Lishamary.A	A Studyon Soft B^* -Closed sets in soft Topological spaces	Jan 2021- May 2021	Dr. V. Chitra
20.	19- PM- 21	Logapriya A.	Study On Geodetic Number And Chromatic Number Of A Graph	Jan 2021- May 2021	Dr. S. Sivasankar
21.	19- PM- 23	Malini A.	A Study On Fuzzy Differential Equation	Jan 2021- May 2021	Dr. S. Kaleeswari
22.	19- PM- 24	Mohanagayathri. G	A Study On b^* I-Closed Sets In Ideal Topological Spaces	Jan 2021- May 2021	Mrs. A. Gnanasoundari

23.	19- PM- 25	Mohanasundari S	A Study On Generalized Semi-Pre Closed Sets In Multiset Topological Spaces	Jan 2021- May 2021	Dr. N. Selvanayaki
24.	19- PM- 26	Pavithra R.	A Study On τ_i -Open Sets In Nano Topological Space	Jan 2021- May 2021	Dr. M Maheswari
25.	19- PM- 27	Saumiya V.	A Study On Decomposition Of Soft Open Sets In Soft Topological Spaces	Jan 2021- May 2021	Dr. V. Inthumathi
26.	19- PM- 28	Savitha P.	A Study On β Generalized-Closed Sets In Topological Spaces And Soft Topological Spaces	Jan 2021- May 2021	Dr. J. Jayasudha
27.	19- PM- 29	Sowmiya R	A Study On Πg^*b -I-Closed Sets In Ideal Topological Spaces	Jan 2021- May 2021	Dr. V. Chitra
28.	19- PM- 30	Subeksha. R	Extension Of Soft Matrices To Hyper soft Matrices	Jan 2021- May 2021	Mrs. M. Amsaveni

V. Inthumathi

HoD

CERTIFICATE

This is to certify that the Project, entitled “**A STUDY ON NANO ALPHA OPEN SETS IN NANO TOPOLOGICAL SPACES**” submitted 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 research **S.M.ARUN BOOPATHI (Reg. No. 19-PM-01)** during the period 2019-2020 of his study in the **DEPARTMENT OF MATHEMATICS** at **NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS), POLLACHI**, under my supervision and the Project work 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.



Signature of the Guide

Countersigned



Head of the Department

Submitted for the Viva-voce Examination held on _____ at Nallamuthu Gounder Mahalingam College (Autonomous), Pollachi.

Examiners:

- 1.
- 2.

CERTIFICATE

This is to certify that the project, entitled “**A STUDY ON α GENERALIZED PRE-CLOSED SETS IN TOPOLOGICAL SPACES AND SOFT TOPOLOGICAL SPACES**” submitted 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 research work done by **VIGNESHWARAN.M (19-PM-02)** during the period **(2019 - 2021)** of her study in the **DEPARTMENT OF MATHEMATICS at NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS), POLLACHI**, under my supervision and guidance 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.



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Head of the Department

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CERTIFICATE

This is to certify that the dissertation, entitled "A STUDY ON SOFT $\hat{g}^*$ -CLOSED SETS IN SOFT TOPOLOGICAL SPACES " submitted 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 research work done by H.AFRIEN BANU (19-PM-03) during the period 2019-2020 of her study in the DEPARTMENT OF MATHEMATICS at NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS), POLLACHI, under my supervision and the Project work 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.



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This is to certify that the dissertation, entitled “**A STUDY ON PRIME CORDIAL LABELLING**” submitted 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 research work done by **ANNALAKSHMI. R (19-PM-04)** during the period **(2019-2021)** of her study in the **DEPARTMENT OF MATHEMATICS** at **NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS), POLLACHI**, under my supervision and guidance 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 my University .



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Head of the Department

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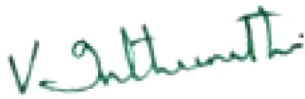
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CERTIFICATE

This is to certify that the dissertation, entitled “**A STUDY ON STOCHASTIC DIFFERENTIAL EQUATIONS**” submitted 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 research work done by **AYSHABEGAM. F (19-PM-05)** during the period **(2020-2021)** of her study in the **DEPARTMENT OF MATHEMATICS at NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS), POLLACHI**, under my supervision and the Project work has not formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or other similar title to any candidate of any University.



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CERTIFICATE

This is to certify that the project, entitled “**A STUDY ON REGULAR BETA I-CLOSED SETS IN IDEAL TOPOLOGICAL SPACES**” submitted 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 research work done by **CHARUMATHI. P (19-PM-06)** during the period **(2019 - 2021)** of her study in the **DEPARTMENT OF MATHEMATICS at NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS), POLLACHI**, under my supervision and guidance 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.



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Head of the Department

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Examiners:

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CERTIFICATE

This is to certify that the dissertation, entitled "A STUDY ON WEAKLY GENERALISED CLOSED SETS IN MULTISSET TOPOLOGICAL SPACES" submitted 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 research work done by DHARANI K. (19-PM-07) during the period (2019 - 2021) of her study in the DEPARTMENT OF MATHEMATICS at NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS), POLLACHI, under my supervision and guidance 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.



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CERTIFICATE

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Examiners:

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CERTIFICATE

This is to certify that the dissertation, entitled “**A STUDY ON SOME WEAKER FORMS OF SOFT OPEN SETS IN SOFT TOPOLOGICAL SPACES**” submitted 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 research work done by **GOKULAPRIYA. M (19-PM-09)** during the period 2019-2021 of her study in the **DEPARTMENT OF MATHEMATICS at NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS), POLLACHI**, under my supervision and the Project work 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.



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CERTIFICATE

This is to certify that the project, entitled “**A STUDY ON α g-CLOSED SETS IN TOPOLOGICAL SPACES** SOFT TOPOLOGICAL SPACES ” submitted 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 research work done by **M. GOWTHAMI (19-PM-10)** during the period **(2019 - 2021)** of her study in the **DEPARTMENT OF MATHEMATICS** at **NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS), POLLACHI**, under my supervision and guidance 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.



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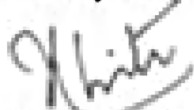
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CERTIFICATE

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CERTIFICATE

This is to certify that the project, entitled “**A STUDY ON GEODETIC NUMBERS OF GRAPHS AND DIGRAPHS**” submitted 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 research work done by **HEMAMALINI.S (19-PM-12)** during the period **(2019 - 2021)** of her study in the **DEPARTMENT OF MATHEMATICS at NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS), POLLACHI**, under my supervision and guidance 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.



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Countersigned

Head of the Department

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CERTIFICATE

This is to certify that the dissertation, entitled “**RUNGE – KUTTA METHOD FOR DELAY DIFFERENTIAL EQUATIONS** ” submitted 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 research work done by **JAYARAGAVI. N (19-PM-13)** during the period **(2020-2021)** of her study in the **DEPARTMENT OF MATHEMATICS** at **NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS), POLLACHI**, under my supervision and guidance 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.



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Countersigned



Head of the Department

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CERTIFICATE

This is to certify that the dissertation, entitled “**A STUDY ON HAMILTONIAN CIRCUITS IN A COMPLETE GRAPH**” submitted 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 research work done by **JENITTARAJ. N (19-PM-14)** during the period **(2019-2021)** of her study in the **DEPARTMENT OF MATHEMATICS** at **NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS), POLLACHI**, under my supervision and guidance 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.

Q - P

Signature of the Guide

V. G. Senthil Kumar

Countersigned

Head of the Department

Submitted for the Viva-Voce examination held on.....at
Nallamuthu Gounder Mahalingam College, Pollachi.

Examiners:

- 1.
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CERTIFICATE

This is to certify that the project, entitled “**A STUDY ON GENERALIZED*--
CLOSED SETS IN MULTISSET TOPOLOGICAL SPACES**” submitted 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 research work done by **KEERTHANA.D (19-PM-15)** during the period **(2019 - 2021)** of her study in the **DEPARTMENT OF MATHEMATICS at NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS), POLLACHI**, under my supervision and guidance 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.



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Countersigned



Head of the Department

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Examiners:

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CERTIFICATE

This is to certify that the dissertation, entitled "A STUDY ON GENERALIZED SEMI CLOSED AND OPEN SETS IN MULTISSET TOPOLOGICAL SPACES" submitted 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 research work done by KOWSALYAHARISHANTHI C. (19-PM-17) during the period (2019 - 2021) of her study in the DEPARTMENT OF MATHEMATICS at NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS), POLLACHI, under my supervision and guidance 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.



Signature of the Guide

Countersigned



Head of the Department

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Examiners:

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CERTIFICATE

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Signature of the Guide



Countersigned

Head of the Department

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Examiners:

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CERTIFICATE

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Head of the Department

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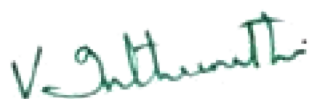
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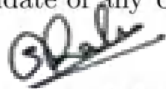
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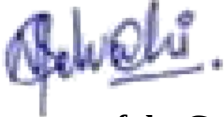
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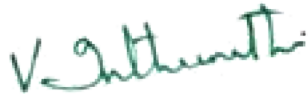
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- 2.

CERTIFICATE

This is to certify that the dissertation, entitled “**A STUDY ON DECOMPOSITION OF SOFT OPEN SETS IN SOFT TOPOLOGICAL SPACES**” submitted 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 research work done by **SAUMIYA.V (19-PM-27)** during the period **(2019 - 2021)** of her study in the **DEPARTMENT OF MATHEMATICS** at **NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS), POLLACHI**, under my supervision and guidance 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.



Signature of the Guide

Countersigned



Head of the Department

Submitted for the Viva –Voce examination held on.....at Nallamuthu Gounder Mahalingam College, Pollachi.

Examiners:

1.

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This is to certify that the project, entitled “A STUDY ON $\hat{\beta}$ GENERALIZED-CLOSED SETS IN TOPOLOGICAL SPACES AND SOFT TOPOLOGICAL SPACES ” submitted 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 research work done by **SAVITHA.P (19-PM-28)** during the period **(2019 - 2021)** of her study in the **DEPARTMENT OF MATHEMATICS** at **NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS), POLLACHI**, under my supervision and guidance 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.



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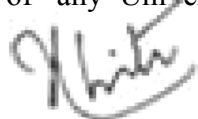
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Head of the Department

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Examiners:

- 1.
- 2.