



# A.D.M. COLLEGE FOR WOMEN

(Autonomous)

*Affiliated to Bharathidasan University*

(Nationally Accredited with "A" Grade by NAAC – 3<sup>rd</sup> Cycle)

**NAGAPATTINAM 611 001.**



**FIELD PROJECTS, ADDITIONAL MINOR PROJECTS**

**2023-2024**



**A.D.M COLLEGE FOR WOMEN ( AUTONOMOUS)  
, NAGAPATTINAM**

**PG AND RESEARCH DEPARTMENT OF  
ECONOMICS**

**II – M.A ECONOMICS – ( 2023 -2024)**

**PROJECT TITLE**

<b>SL.NO</b>	<b>ROLL NO</b>	<b>NAME</b>	<b>TITLE</b>	<b>GUIDE NAME</b>
1.	22PAE001	M. VINISHA	A STUDY ON THE SOCIO – ECONOMIC PERFORMANCE OF WOMEN ENTREPRENEURS IN NAGAPATTINAM DISTRICT	Dr. P. KAVITHA
2.	22PAE002	V. AJITHA	A STUDY ON SOCIO-ECONOMIC CONDITIONS OF FISHERMEN IN NAGAPATTINAM DISTRICT	Dr. S. Rajeswari
3.	22PAE003	S. SATHIYA	A STUDY ON THE ECONOMIC DEVELOPMENT OF WOMEN THROUGH SELF HELP GROUP IN NAMBIYAR NAGAR ,NAGAPATTINAM	Dr. V. VIJI
4.	22PAE008	THIRUPATHI MOUNIKA	Enhancing Sustainability and Profitability: A Comprehensive Study of Integrated Rice-Fish Farming Practices IN Thiruvarur district	Dr .R. KASTHURI

**A STUDY ON SOCIO ECONOMIC CONDITION IN ANTHANAPETTAI AT NAGAPATTINAM  
DISTRICT.**

DISSERTATION  
submitted to

**A.D.M COLLEGE FOR WOMEN (AUTONOMOUS)  
Nagapattinam**

In Partial Fulfilment of the requirements for the award of Degree of  
**MASTER OF ARTS IN ECONOMICS**

043



by

**Ms. M. VINISHA**

(Reg. No: 22PAE001)

Under the supervision of

**Dr. P. KAVITHA, M.A., M.Phil., B.Ed., P.h.D.,**

Assistant professor of Economics

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**

Nationally Accredited with "A" Grade by NAAC - 4<sup>th</sup> Cycle

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Nagapattinam - 611001,

Tamil Nadu, India.

MARCH 2024

*Evaluated*

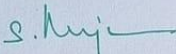
*Thenarasu*  
27/4/24  
**Dr. S. THENNARASU, M.A., M.Phil., M.B.A., Ph.D.,**  
Assistant Professor,  
P.G & Research Department of Economics,  
A.V.V.M. Sri Pushpam College (Autonomous)  
Poondi-613 503, Thanjavur Dist.

Dr. P. KAVITHA M. A, M.Phil., B.Ed., Ph.D.,  
Assistant Professor of Economics,  
A.D.M. College for Women (Autonomous),  
Nagapattinam.

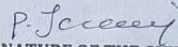
Date: 31.3.2024

**CERTIFICATE**

This is to certify that this project work has done under my guidance and dissertation entitled  
"A Study On Socio Economic Condition In Anthanapettai At Nagapattinam District".  
being submitted to A.D.M. College for Women (Autonomous), Nagapattinam by  
MS.M.VINISHA in partial fulfilment of the requirements of PG DEGREE COURSE in Economics  
for the Academic year 2023 - 2024 is the original work of the candidate.



SIGNATURE OF THE  
HEAD OF THE DEPARTMENT



SIGNATURE OF THE GUIDE

Dr. S. RAJESWARI  
Associate Professor & Head,  
P.G. Department of Economics,  
ADM College for Women,  
NAGAPATTINAM.



SIGNATURE OF THE FORWARDING AUTHORITY

THE PRINCIPAL



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Nagapattinam  
Nationally Accredited with Grade by NAAC - 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam - 611 001,  
Tamil Nadu, India.

**A STUDY ON THE ECONOMIC DEVELOPMENT OF WOMEN THROUGH  
SELF-HELP GROUPS IN NAMBIYAR NAGAR, NAGAPATTINAM DISTRICT.**

DISSERTATION

submitted to

**A.D.M COLLEGE FOR WOMEN (AUTONOMOUS)**

**Nagapattinam**

In Partial Fulfilment of the requirements for the award of Degree of  
**MASTER OF ARTS IN ECONOMICS**



045

by

**Ms.S. SATHIYA**

(Reg.No:22PAE003)

Under the supervision of

**Dr.V.VIJL,M.A,M.Phil.,D.C.P.A.,P.G.D.A.,Ph.D.**

Associate professor of Economics

**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS)**

Nationally Accredited with "A" Grade by NAAC-4<sup>th</sup> Cycle

(Affiliated to Bharathidasan university, Tiruchirappalli)

Nagapattinam – 611001,

TamilNadu,India.

MARCH2024

*Evaluated*

*Benvarany*  
*6/4/24*

**Dr. S. THENNARASU, M.A, M.Phil., M.B.A, Ph.D.,**

Assistant Professor,

P.G & Research Department of Economics,

A.V.V.M.Sri Pushpam College (Autonomous)

Poondi-613 503, Thanjavur Dist.

Dr. V. VIJI, M.A, M.Phil., D.C.P.A., P.G.D.A., Ph. D  
Associate Professor of Economics,  
A.D.M. College for Women (Autonomous),  
Nagapattinam.

Date: 31.3.2024.

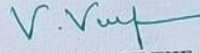
**CERTIFICATE**

This is to certify that this project work has done under my guidance and dissertation entitled "**A Study On The Economic Development Of Women Through Self-Help Groups In Nambiyar Nagar, Nagapattinam District**" being submitted to A.D.M. College for Women (Autonomous), Nagapattinam by **MS. S. SATHIYA** in partial fulfilment of the requirements of PG DEGREE COURSE in Economics for the Academic year 2023 – 2024 is the original work of the candidate.

  
SIGNATURE OF THE

HEAD OF THE DEPARTMENT

**Dr. S. RAJESWARI**  
Associate Professor & Head,  
P.G. Department of Economics,  
ADM College for Women,  
NAGAPATTINAM.

  
SIGNATURE OF THE GUIDE

**Dr. V. VIJI**  
M.A, M.Phil., PG.D.E., D.C.P.A., Ph.D.  
Associate Professor  
PG & Research Department of Economics,  
A.D.M. College (W) Nagapattinam.

  
SIGNATURE OF THE FORWARDING AUTHORITY  
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(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India.

**A STUDY ON SOCIO-ECONOMIC CONDITIONS OF FISHERMEN IN  
NAGAPATTINAM DISTRICT.**

DISSERTATION

submitted to

**A.D.M COLLEGE FOR WOMEN (AUTONOMOUS)**

**Nagapattinam**

In Partial Fulfilment of the requirements for the award of Degree of

**MASTER OF ARTS IN ECONOMICS**



044

by

**Ms. V. AJITHA**

(Reg. No: 22PAE002)

Under the supervision of

**Dr. S. RAJESWARI, M.A, M.Phil., B.Ed., Ph.D.**

Associate professor / HOD of Economics

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**

Nationally Accredited with "A" Grade by NAAC - 4<sup>th</sup> Cycle

(Affiliated to Bharathidasan university, Tiruchirappalli)

Nagapattinam – 611001,

Tamil Nadu, India.

MARCH 2024

*Evaluated*

*S. Thenarasu* 8/4/24

Dr. S. THENNARASU, M.A, M.Phil., M.Ed., Ph.D.

Assistant Professor,

P.G & Research Department of Economics,

A.V.V.M.Sri Pushpam College (Autonomous)

Poondi-613 503, Thanjavur Dist.

Dr. S. RAJESWARI, M.A, M.Phil., B.Ed., Ph. D  
Associate Professor/ HOD of Economics,  
A.D.M. College for Women (Autonomous),  
Nagapattinam.

Date: 31.3.2024

CERTIFICATE

This is to certify that this project work has done under my guidance and dissertation entitled "A Study On Socio-Economic Conditions Of Fishermen In Nagapattinam District" being submitted to A.D.M. College for Women (Autonomous), Nagapattinam by MS.V. AJITHA in partial fulfilment of the requirements of PG DEGREE COURSE in Economics for the Academic year 2023 – 2024 is the original work of the candidate.



SIGNATURE OF THE  
HEAD OF THE DEPARTMENT

Dr. S. RAJESWARI  
Associate Professor & Head,  
P.G. Department of Economics,  
ADM College for Women,  
NAGAPATTINAM.




SIGNATURE OF THE GUIDE

Dr. S. RAJESWARI  
Associate Professor & Head,  
P.G. Department of Economics,  
ADM College for Women,  
NAGAPATTINAM.



SIGNATURE OF THE FORWARDING AUTHORITY  
THE PRINCIPAL



A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)  
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(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India.



**Enhancing Sustainability and Profitability: A Comprehensive Study of  
Integrated Rice-Fish Farming Practices in Tiruvarur District**

DISSERTATION

submitted to

**A.D.M COLLEGE FOR WOMEN ( AUTONOMOUS)  
Nagapattinam**

In Partial Fulfilment of the requirements for the award of Degree of  
**MASTER OF ARTS IN ECONOMICS**



04b

by

**Ms. Thirupathi Mounika**

(Reg .No: 22PAE008)

Under the supervision of

**Dr. R. KASTHURI, M.A, M.Phil. Ph.D**

Assistant professor of Economics

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**

Nationally Accredited with "A" Grade by NAAC - 4<sup>th</sup> Cycle

( Affiliated to Bharathidasan university, Tiruchirappalli)

Nagapattinam – 611001,

Tamilnadu, India.

MARCH 2024

*Evaluated*

*Summary*

**Dr. S. THENNARASU, M.A, M.Phil, M.B.A, Ph.D.**  
Assistant Professor,  
P & Research Department of Economics,  
A.V.V.M.Sri Pushpam College (Autonomous)  
Poondi-613 503, Thanjavur Dist.

**A.D.M College for Women (Autonomous), Nagapattinam**  
**PG & Research Department of Mathematics**  
**II M.Sc Mathematics**

**PROJECT DETAILS**

<b>NAME</b>	<b>REG. NO.</b>	<b>GUIDE NAME</b>	<b>PROJECT TITLE</b>
V. Geetha Lakshmi	22PSM001	R. Vanitha	A Study on the Chromatic Number of Graphs
M. Keerthana	22PSM002	P. Jamuna Devi	A Study on Hyper Graphs Visualisation and Theory
V. Kirubashini	22PSM003	N. Sarala	Some Application of Fibonacci Sequence
S. Agalya	22PSM004	G. Sudha	A Study on Fuzzy Network Optimization Techniques
J. Rathishree	22PSM005	P. Hameetha Begum	A Study on Mathematical Modelling Using Excel Sheets
B. Siva Sankari	22PSM006	M. Prabavathy	A Study on Spanning Tree and its Applications
P. Abitha	22PSM007	N. Sarala	A Study on Fuzzy Soft Digraph and its Applications
B. Lakshmi Deve	22PSM008	G. Sudha	A Study on Various Fuzzy Matrices Using Ranking Methods
M.S. Aishwarya	22PSM009	M. Prabavathy	A Study on Po-ternary Semirings
S. Maheswari	22PSM010	P. Jamuna Devi	A Study on Classes of Semi groups
B. Nandhinikumari	22PSM011	R. Vanitha	A Study on Analytic Number Theory
B. Menaka	22PSM012	G. Sudha	Connected Soft Graphs and its Applications
S.R.ShanmugaPreetha	22PSM013	M. Prabavathy	A Study on Ternary Semirings
B. Durga	22PSM014	G. Sudha	An Approach for Solving Fuzzy Transportation Problems Using Different Ranking Procedures
S. Swathi	22PSM016	P.HameethaBegum	A Study on Soft Groups
K. Sneka	22PSM017	P. Jamuna Devi	A Study on Super Vertex Graceful Graphs
B. Divya	22PSM018	M. Prabavathy	A Study on Dual Graphs and its Applications
A. Kalaivani	22PSM019	P. Hameetha Begum	Fuzzy Colouring of Fuzzy Graphs
S. Sabarmathi	22PSM020	R. Vanitha	A Study on Graph Colouring
R. Vinothini	22PSM022	P. Jamuna Devi	A Study on Graph Matrices

R. Swetha	22PSM023	P. Hameetha Begum	A Study on Application of Directed Graphs in Tournaments
S. Sangeetha	22PSM024	M. Prabavathy	A Study on Various Types of Magic Labelling of Graphs
K. Santhiya	22PSM025	N. Sarala	A Study on Regular Fuzzy Graphs
M. Mythili	22PSM026	N. Sarala	A Study on Soft Graph and its Applications
C. Kanageswari	22PSM027	R. Vanitha	A Study on Vertex Magic Total Labelling on Graphs
A. Pavithra	22PSM028	G. Sudha	An Intuitionistic Fuzzy Assignment Problem Using Various Ranking Techniques
S. Sangeetha	22PSM029	P. Hameetha Begum	A Study on Rhotrix Linear Transformation
V. Priyadarzhini	22PSM030	R. Vanitha	A Study on Hamiltonian Graphs
S. Sumaira Afiya	22PSM031	N. Sarala	A Study on Fuzzy Vector Space

**A STUDY ON THE CHROMATIC NUMBER OF GRAPHS**

**DISSERTATION**

*Submitted to*  
**ADM COLLEGE FOR WOMEN (AUTONOMOUS)**  
**NAGAPATTINAM**

*In partial fulfillment of the requirements for the award of Degree of*  
**MASTER OF SCIENCE IN MATHEMATICS**



*by*

**Name V. GEETHALAKSHMI**

**Reg. No 22PSM001**

*Under the supervision of*  
**Dr.(Mrs.) R. VANITHA, M.Sc., M.Phil., B.Ed., Ph.D.,**

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**  
Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India.

**MARCH 2024**

**A.D.M. College for Women (Autonomous)**  
NAGAPATTINAM

**A STUDY ON THE CHROMATIC NUMBER OF GRAPHS**

*In partial fulfillment of the requirements for the award of Degree of*  
**MASTER OF SCIENCE IN MATHEMATICS**

*Submitted by*

**Name V. GEETHALAKSHMI**

**Reg. No 22PSM001**

  
**INTERNAL EXAMINER**

**Dr. (Mrs) R. VANITHA,**  
M.Sc., M.Phil., S.Ed., Ph.D.,  
Associate Professor of Mathematics  
A.D.M. College For Women (Autonomous)  
Nagapattinam - 611 001.

  
**EXTERNAL EXAMINER**

**Lt. Dr. D. Stephen Dinagar Ph.D.,**  
Associate Professor & Research Advisor  
PG & Research Department of Mathematics  
T.B.M.L. College, Porayar - 609 307.  
Nagapattinam Dt. Tamilnadu.

**DEPARTMENT OF MATHEMATICS**

**A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)**

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(Affiliated to Bharathidasan University, Tiruchirappalli)

Nagapattinam – 611 001,

Tamil Nadu, India

**MARCH 2024**

Dr.(Mrs.) R. VANITHA, M.Sc., M.Phil., B.Ed., Ph.D.,  
Associate Professor of Mathematics,  
A.D.M. College for Women(Autonomous),  
Nagapattinam.

Date: 28.03.2024

### CERTIFICATE

This is to certify that this project work has done under my guidance and dissertation entitled "A STUDY ON THE CHROMATIC NUMBER OF GRAPHS" being submitted to A.D.M. College for Women(Autonomous), Nagapattinam by V. GEETHALAKSHMI in partial fulfillment of the requirements of PG DEGREE COURSE in MATHEMATICS for the Academic year 2023 – 2024 is the original work of the candidate.

  
28/3/24  
SIGNATURE OF THE

HEAD OF THE DEPARTMENT

Dr.(Mrs).N.SARALA, M.Sc., B.Ed., M.Phil., Ph.D.,  
Associate Professor and Research Adviser,  
PG & Research Department of Mathematics,  
A.D.M. College for Women (Autonomous)  
Nagapattinam-611 001.

  
28/3/24  
SIGNATURE OF THE GUIDE

Dr.(Mrs)R.VANITHA,  
M.Sc., M.Phil., B.Ed., Ph.D.,  
Associate Professor of Mathematics  
A.D.M. College For Women (Autonomous)  
Nagapattinam - 611 001.

  
14/24  
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THE PRINCIPAL 



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Nagapattinam – 611 001,  
Tamil Nadu, India.

**A STUDY ON HYPERGRAPH VISUALISATION AND  
THEORY**

**DISSERTATION**

*Submitted to*  
**ADM COLLEGE FOR WOMEN (AUTONOMOUS)  
NAGAPATTINAM**

*In partial fulfillment of the requirements for the award of Degree of*  
**MASTER OF SCIENCE IN MATHEMATICS**



*by*

**Name M. KEERTHANA**

**Reg. No 22PSM002**

*Under the supervision of*  
**Dr. (Mrs.) P. JAMUNA DEVI, M.Sc., M.Phil., Ph.D.,**

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**  
Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India.

**MARCH 2024**

Dr. (Mrs.) P. JAMUNA DEVI, M.Sc., M.Phil., Ph.D.,  
Assistant Professor of Mathematics,  
A.D.M. College for Women(Autonomous),  
Nagapattinam.

Date: 28.03.2024

### CERTIFICATE

This is to certify that this project work has done under my guidance and dissertation entitled "A STUDY ON HYPERGRAPH VISUALISATION AND THEORY" being submitted to A.D.M. College for Women (Autonomous), Nagapattinam by M. KEERTHANA in partial fulfillment of the requirements of PG DEGREE COURSE in MATHEMATICS for the Academic year 2023 – 2024 is the original work of the candidate.

*m. he*  
28/3/24

SIGNATURE OF THE  
HEAD OF THE DEPARTMENT

Dr. (Mrs.) N. SARALA, M.Sc., B.Ed., M.Phil., Ph.D.,  
Associate Professor and Research Adviser,  
PG & Research Department of Mathematics,  
A.D.M. College for Women (Autonomous)  
Nagapattinam-611 001.

*Dr. P. J. Devi*

SIGNATURE OF THE GUIDE

Dr. P. JAMUNA DEVI M.Sc., M.Phil., Ph.D.  
Assistant Professor of Mathematics,  
A.D.M. College for Women (Autonomous),  
Nagapattinam - 611 001.

*N.K. Ramarathi 1/4/24*

SIGNATURE OF THE FORWARDING AUTHORITY



**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**

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(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India.



**SOME APPLICATIONS OF FIBONACCI SEQUENCE**

**DISSERTATION**

*Submitted to*  
**ADM COLLEGE FOR WOMEN (AUTONOMOUS)**  
**NAGAPATTINAM**

*In partial fulfillment of the requirements for the award of Degree of*  
**MASTER OF SCIENCE IN MATHEMATICS**



*by*

**Name V. KIRUBHASHINI**

**Reg. No 22PSM003**

*Under the supervision of*  
**Dr.(Mrs.) N. Sarala, M.Sc.,M.Phil.,B.Ed.,Ph.D.,**

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**  
Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India.

**MARCH 2024**

**A.D.M. College for Women (Autonomous)**

**NAGAPATTINAM**

**SOME APPLICATION OF FIBONACCI SEQUENCE**

*In partial fulfillment of the requirements for the award of Degree of*

**MASTER OF SCIENCE IN MATHEMATICS**

*Submitted by*

**Name V. KIRUBHASHINI**

**Reg. No 22PSM003**

*N. Sarala*  
8/14/24

**INTERNAL EXAMINER**

*B. Vasudevan*  
8/14/24

**EXTERNAL EXAMINER**

**Dr. B. VASUDEVAN**, M.Sc., M.Phil., B.Ed., Ph.D.,  
Assistant Professor of Mathematics,  
Govt. Arts and Science College for Women,  
Koothanallur - 614 101.  
Tiruvarur Dt.

Dr. (Mrs) N. SARALA, M.Sc., M.Phil., B.Ed., Phd.,  
Head / Associate Professor,  
PG And Research Department Of Mathematics,  
ADM College For Women (Autonomous),  
Nagapattinam - 611 001

**DEPARTMENT OF MATHEMATICS**

**A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)**

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(Affiliated to Bharathidasan University, Tiruchirappalli)

Nagapattinam – 611 001,

Tamil Nadu, India

**MARCH 2024**

Date: 28.03.2024

Dr.(Mrs.)N. SARALA, M.Sc., M.Phil., B.Ed., Ph.D.,  
Head and Associate Professor of Mathematics,  
A.D.M. College for Women(Autonomous),  
Nagapattinam.

### CERTIFICATE

This is to certify that this project work has done under my guidance and dissertation entitled "SOME APPLICATION OF FIBONACCI SEQUENCE " being submitted to A.D.M. College for Women (Autonomous), V. KIRUBHASHINI in partial fulfillment of the requirements of PG DEGREE COURSE in MATHEMATICS for the Academic year 2023 – 2024 is the original work of the candidate.

*N. Sarala*  
28/3/24

SIGNATURE OF THE  
HEAD OF THE DEPARTMENT

Dr.(Mrs).N.SARALA, M.Sc., B.Ed., M.Phil., Ph.D.,  
Associate Professor and Research Adviser,  
PG & Research Department of Mathematics,  
A.D.M. College for Women (Autonomous)  
Nagapattinam-611 001.

*N. Sarala*  
28/3/24

SIGNATURE OF THE GUIDE

Dr.(Mrs).N.SARALA, M.Sc., B.Ed., M.Phil., Ph.D.,  
Associate Professor and Research Adviser,  
PG & Research Department of Mathematics,  
A.D.M. College for Women (Autonomous)  
Nagapattinam-611 001.

*V.K. Sumanth* 1/4/24  
SIGNATURE OF THE FORWARDING AUTHORITY  
THE PRINCIPAL



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(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India.

# A STUDY ON FUZZY NETWORK OPTIMIZATION TECHNIQUES

## DISSERTATION

*Submitted to*  
**ADM COLLEGE FOR WOMEN (AUTONOMOUS)**  
**NAGAPATTINAM**

*In partial fulfillment of the requirements for the award of Degree of*  
**MASTER OF SCIENCE IN MATHEMATICS**



*by*

**Name S. AGALYA**

**Reg. No 22PSM004**

*Under the supervision of*  
**Dr.(Mrs). G. SUDHA, M.Sc., M.Phil., B.Ed., Ph.D.,**

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**  
Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India.

**MARCH 2024**

# A.D.M. College for Women (Autonomous)

NAGAPATTINAM

## A STUDY ON FUZZY NETWORK OPTIMIZATION TECHNIQUES

*In partial fulfillment of the requirements for the award of Degree of*  
**MASTER OF SCIENCE IN MATHEMATICS**

*Submitted by*

**Name S. AGALYA**

**Reg. No 22PSM004**

  
08.04.24  
**INTERNAL EXAMINER**

**Dr. G. SUDHA,**  
M.Sc., M.Phil., B.Ed., Ph.D.,  
Assistant Professor,  
PG & Research Dept. of Mathematics,  
A.D.M. College for Women (Autonomous),  
Nagapattinam-611 001.

  
08/04/24  
**EXTERNAL EXAMINER**

**Lt. Dr. D. Stephen Dinagar Ph.D.,**  
Associate Professor & Research Advisor  
PG & Research Department of Mathematics  
T.B.M.L. College, Dorayar - 609 307.  
Nagapattinam, Tamilnadu.

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(Affiliated to Bharathidasan University, Tiruchirappalli)

Nagapattinam – 611 001,

Tamil Nadu, India

**MARCH 2024**

Dr.(Mrs). G. SUDHA, M.Sc., M.Phil., B.Ed., Ph.D.,  
Assistant Professor of Mathematics,  
A.D.M. College for Women(Autonomous),  
Nagapattinam.

Date: 28.03.2024

### CERTIFICATE

This is to certify that this project work has done under my guidance and dissertation entitled "A STUDY ON FUZZY NETWORK OPTIMIZATION TECHNIQUES" being submitted to A.D.M. College for Women(Autonomous), Nagapattinam by S. AGALYA in partial fulfillment of the requirements of PG DEGREE COURSE in MATHEMATICS for the Academic year 2023 – 2024 is the original work of the candidate.



SIGNATURE OF THE

HEAD OF THE DEPARTMENT

Dr.(Mrs).N.SARALA, M.Sc., B.Ed., M.Phil., Ph.D.,  
Associate Professor and Research Adviser,  
PG & Research Department of Mathematics,  
A.D.M. College for Women (Autonomous)  
Nagapattinam-611 001.



SIGNATURE OF THE GUIDE

Dr. G. SUDHA,  
M.Sc., M.Phil., B.Ed., Ph.D.,  
Assistant Professor,  
PG & Research Dept of Mathematics,  
A.D.M. College for Women(Autonomous),  
Nagapattinam-611 001

  
SIGNATURE OF THE FORWARDING AUTHORITY



**A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)**  
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(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India.

# A STUDY ON MATHEMATICAL MODELLING USING EXCEL SHEETS

## DISSERTATION

Submitted to  
**ADM COLLEGE FOR WOMEN (AUTONOMOUS)**  
**NAGAPATTINAM**

In partial fulfillment of the requirements for the award of Degree of  
**MASTER OF SCIENCE IN MATHEMATICS**



by

Name **J. RATHISHREE**

Reg. No **22PSM005**

Under the supervision of  
**Mrs. P. HAMEETHA BEGUM M.Sc., M.Phil., (Ph.D.),**

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**  
Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India.

**MARCH 2024**

# A.D.M. College for Women (Autonomous)

NAGAPATTINAM

## A STUDY ON MATHEMATICAL MODELLING USING EXCEL SHEETS

*In partial fulfillment of the requirements for the award of Degree of*

### MASTER OF SCIENCE IN MATHEMATICS

*Submitted by*

Name J. RATHISHREE

Reg. No 22PSM005

  
INTERNAL EXAMINER

Mrs. P. HAMEETHA BEGUM M.Sc., M.Phil.,  
Assistant Professor of Mathematics,  
A.D.M College for Women (Autonomous),  
Nagapattinam - 611001

  
EXTERNAL EXAMINER

Lt. Dr. D. Stephen Dinagar Ph.D.,  
Associate Professor & Research Advisor  
PG & Research Department of Mathematics  
T.B.M.L. College, Porayar - 609 307.  
Nagapattinam Dt. Tamilnadu.

## DEPARTMENT OF MATHEMATICS

### A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)

Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle

(Affiliated to Bharathidasan University, Tiruchirappalli)

Nagapattinam – 611 001,

Tamil Nadu, India

MARCH 2024



Mrs. P. HAMEETHA BEGUM, M.Sc., M.Phil., (Ph.D).,  
Assistant Professor of Mathematics,  
A.D.M. College for Women(Autonomous),  
Nagapattinam.

Date: 28.03.2024

### CERTIFICATE

This is to certify that this project work has done under my guidance and dissertation entitled "A STUDY ON MATHEMATICAL MODELLING USING EXCEL SHEETS" being submitted to A.D.M. College for Women (Autonomous), J.RATHISHREE in partial fulfillment of the requirements of PG DEGREE COURSE in MATHEMATICS for the Academic year 2023 – 2024 is the original work of the candidate.

*M. S. Sarala*  
28/3/24

SIGNATURE OF THE  
HEAD OF THE DEPARTMENT

*P. Hameetha Begum*  
28/3/24

SIGNATURE OF THE GUIDE

Mrs.P.HAMEETHA BEGUM M.Sc.,M.Phil.,  
Assistant Professor of Mathematics,  
A.D.M College for Women (Autonomous),  
Nagapattinam - 611001

Dr.(Mrs).N.SARALA, M.Sc.,B.Ed.,M.Phil.,Ph.D.,  
Associate Professor and Research Adviser,  
PG & Research Department of Mathematics,  
A.D.M. College for Women (Autonomous)  
Nagapattinam-611 001.

*N.K. Sreenivasan* 1/4/24

SIGNATURE OF THE FORWARDING AUTHORITY

THE PRINCIPAL *etc*



**A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)**  
Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India.

# A STUDY ON SPANNING TREE AND ITS APPLICATIONS

## DISSERTATION

*Submitted to*

**ADM COLLEGE FOR WOMEN (AUTONOMOUS)  
NAGAPATTINAM**

*In partial fulfillment of the requirements for the award of Degree of*  
**MASTER OF SCIENCE IN MATHEMATICS**



*by*

**Name B. SIVASHANKARI**

**Reg. No 22PSM006**

*Under the supervision of*

**Mrs. M. PRABAVATHY, M.Sc., M.Phil., SET.,**

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**  
Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India.

**MARCH 2024**

**A.D.M. College for Women (Autonomous)**  
NAGAPATTINAM

**A STUDY ON SPANNING TREE AND ITS APPLICATIONS**

*In partial fulfillment of the requirements for the award of Degree of*  
**MASTER OF SCIENCE IN MATHEMATICS**

*Submitted by*

**Name B. SIVASHANKARI**

**Reg. No 22PSM006**

*M. Prabhavathy 8-4-2024*  
**INTERNAL EXAMINER**

**Mrs. M. PRABAVATHY M.Sc., M.Phil.,**  
Assistant Professor of Mathematics  
A.D.M. College for Women (Autonomous)  
Nagapattinam - 611 001.

*D. Stephen Dinagar 8/4/24*  
**EXTERNAL EXAMINER**

Lt. Dr. D. Stephen Dinagar Ph.D.,  
Associate Professor & Research Advisor  
PG & Research Department of Mathematics  
T.B.M.L. College, Porayar - 609 307.  
Nagapattinam Dt. Tamilnadu.

**DEPARTMENT OF MATHEMATICS**

**A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)**

Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India

**MARCH 2024**

Mrs. M. PRABAVATHY, M.Sc., M.Phil., SET.,  
Assistant Professor of Mathematics,  
A.D.M. College for Women(Autonomous),  
Nagapattinam.

Date: 28.03.2024

### CERTIFICATE

This is to certify that this project work has done under my guidance and dissertation entitled "A STUDY ON SPANNING TREE AND ITS APPLICATIONS" being submitted to A.D.M. College for Women (Autonomous), Nagapattinam by B. SIVASHANKARI in partial fulfillment of the requirements of PG DEGREE COURSE in MATHEMATICS for the Academic year 2023 – 2024 is the original work of the candidate.

*M. Sarala*  
28/3/24

SIGNATURE OF THE  
HEAD OF THE DEPARTMENT

Dr.(Mrs).N.SARALA, M.Sc., B.Ed., M.Phil., Ph.D.,  
Associate Professor and Research Adviser,  
PG & Research Department of Mathematics,  
A.D.M. College for Women (Autonomous)  
Nagapattinam-611 001.

*M. Prabhavathy* 28.03.2024

SIGNATURE OF THE GUIDE

Mrs. M. PRABAVATHY M.Sc., M.Phil.,  
Assistant Professor of Mathematics  
A.D.M. College for Women (Autonomous)  
Nagapattinam - 611 001.

*N.K. Ramarathnam* 11/4/24

SIGNATURE OF THE FORWARDING AUTHORITY

THE PRINCIPAL *c/c*



**A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)**

Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle

(Affiliated to Bharathidasan University, Tiruchirappalli)

Nagapattinam – 611 001,

Tamil Nadu, India.

Dr.(Mrs.) N. SARALA, M.Sc., M.Phil., B.Ed., Ph.D.,  
Head and Associate Professor of Mathematics,  
A.D.M. College for Women(Autonomous),  
Nagapattinam.

Date: 28/03/24

### CERTIFICATE

This is to certify that this project work has done under my guidance and dissertation entitled "A STUDY ON FUZZY SOFT DIGRAPH AND ITS APPLICATION" being submitted to A.D.M. College for Women (Autonomous), P. ABITHA in partial fulfillment of the requirements of PG DEGREE COURSE in MATHEMATICS for the Academic year 2023 – 2024 is the original work of the candidate.

*N. Sarala*  
28/3/24

SIGNATURE OF THE

HEAD OF THE DEPARTMENT

Dr.(Mrs.) N. SARALA, M.Sc., B.Ed., M.Phil., Ph.D.,  
Associate Professor and Research Adviser,  
PG & Research Department of Mathematics,  
A.D.M. College for Women (Autonomous)  
Nagapattinam-611 001.

*N. Sarala*  
28/3/24

SIGNATURE OF THE GUIDE

Dr.(Mrs.) N. SARALA, M.Sc., B.Ed., M.Phil., Ph.D.,  
Associate Professor and Research Adviser,  
PG & Research Department of Mathematics,  
A.D.M. College for Women (Autonomous)  
Nagapattinam-611 001.

*N.K. Sivarathri*  
1/4/24

SIGNATURE OF THE FORWARDING AUTHORITY

THE PRINCIPAL *i/c*



A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)

Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle

(Affiliated to Bharathidasan University, Tiruchirappalli)

Nagapattinam – 611 001,

Tamil Nadu, India.

# A STUDY ON VARIOUS FUZZY MATRICES USING RANKING METHODS

## DISSERTATION

Submitted to  
**ADM COLLEGE FOR WOMEN (AUTONOMOUS)**  
**NAGAPATTINAM**

*In partial fulfillment of the requirements for the award of Degree of*  
**MASTER OF SCIENCE IN MATHEMATICS**



by

**Name B. LAKSHMI DEVE**

**Reg. No 22PSM008**

*Under the supervision of*  
**Dr.(Mrs). G. SUDHA, M.Sc., M.Phil., B.Ed., Ph.D.,**

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**  
Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India.

**MARCH 2024**

**A.D.M. College for Women (Autonomous)**  
**NAGAPATTINAM**

**A STUDY ON VARIOUS FUZZY MATRICES USING RANKING METHODS**

*In partial fulfillment of the requirements for the award of Degree of*  
**MASTER OF SCIENCE IN MATHEMATICS**

*Submitted by*

**Name B. LAKSHMI DEVE**

**Reg. No 22PSM008**

  
**INTERNAL EXAMINER**

**M. G. SUDHA,**  
M.Sc., M.Phil., B.Ed., Ph.D.,  
Assistant Professor,  
PG & Research Dept. of Mathematics,  
A.D.M. College for Women (Autonomous),  
Nagapattinam - 611 001.

  
**EXTERNAL EXAMINER**

Lt. Dr. D. Stephen Dinagar Ph.D.,  
Associate Professor & Research Advisor  
PG & Research Department of Mathematics  
T.B.M.L. College, Porayar - 609 307.  
Nagapattinam Dt. Tamilnadu.

**DEPARTMENT OF MATHEMATICS**

**A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)**

Nationally Accredited with "A" Grade by NAAC - 4<sup>th</sup> Cycle

(Affiliated to Bharathidasan University, Tiruchirappalli)

Nagapattinam - 611 001,

Tamil Nadu, India

**MARCH 2024**

Dr.(Mrs). G. SUDHA, M.Sc., M.Phil., B.Ed., Ph.D.,  
Assistant Professor of Mathematics,  
A.D.M. College for Women(Autonomous),  
Nagapattinam.

Date: 28.03.2024

### CERTIFICATE

This is to certify that this project work has done under my guidance and dissertation entitled "A STUDY ON VARIOUS FUZZY MATRICES USING RANKING METHODS" being submitted to A.D.M. College for Women(Autonomous), Nagapattinam by B. LAKSHMI DEVE in partial fulfillment of the requirements of PG DEGREE COURSE in MATHEMATICS for the Academic year 2023 – 2024 is the original work of the candidate.

  
SIGNATURE OF THE

HEAD OF THE DEPARTMENT

Dr.(Mrs). N. SARALA, M.Sc., B.Ed., M.Phil., Ph.D.,  
Associate Professor and Research Adviser,  
PG & Research Department of Mathematics,  
A.D.M. College for Women (Autonomous)  
Nagapattinam-611 001.



SIGNATURE OF THE GUIDE

Dr. G. SUDHA,  
M.Sc., M.Phil., B.Ed., Ph.D.,  
Assistant Professor,  
PG & Research Dept. of Mathematics,  
A.D.M. College for Women(Autonomous),  
Nagapattinam-611 001.

  
SIGNATURE OF THE FORWARDING AUTHORITY



**A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)**  
Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India.



**A.D.M. College for Women (Autonomous)**  
NAGAPATTINAM


**A STUDY ON CLASSES OF SEMIGROUPS**

*In partial fulfillment of the requirements for the award of Degree of*  
**MASTER OF SCIENCE IN MATHEMATICS**

*Submitted by*

**Name S. MAHESWARI**

**Reg. No 22PSM010**

  
**INTERNAL EXAMINER**  
Dr. P. Jambuna Devi  
8/4/24

Dr. P. JAMBUNA DEVI, M.Sc., M.Phil., Ph.D.,  
Assistant Professor of Mathematics  
A.D.M. College for Women (Autonomous)  
Nagapattinam - 611 001.



**EXTERNAL EXAMINER**  
**Dr. B. VASUDEVAN**, M.Sc., M.Phil., B.Ed., Ph.D.,  
Assistant Professor of Mathematics,  
Govt. Arts and Science College for Women,  
Koothanallur - 614 101.  
Tiruvarur Dt.

**DEPARTMENT OF MATHEMATICS**

**A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)**

Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle

(Affiliated to Bharathidasan University, Tiruchirappalli)

Nagapattinam – 611 001,

Tamil Nadu, India

**MARCH 2024**

Dr. (Mrs.) P. JAMUNA DEVI, M.Sc., M.Phil., Ph.D.,  
Assistant Professor of Mathematics,  
A.D.M. College for Women(Autonomous),  
Nagapattinam.

Date: 28.03.2024

### CERTIFICATE

This is to certify that this project work has done under my guidance and dissertation entitled "A STUDY ON CLASSES OF SEMIGROUPS" being submitted to A.D.M. College for Women (Autonomous) , Nagapattinam by S. MAHESWARI in partial fulfillment of the requirements of PG DEGREE COURSE in MATHEMATICS for the Academic year 2023 – 2024 is the original work of the candidate.

*N. Sarala*  
28/3/24

SIGNATURE OF THE  
HEAD OF THE DEPARTMENT

Dr. (Mrs.) N. SARALA, M.Sc., B.Ed., M.Phil., Ph.D.,  
Associate Professor and Research Adviser,  
PG & Research Department of Mathematics,  
A.D.M. College for Women (Autonomous)  
Nagapattinam-611 001.

*P. Jamuna Devi*

SIGNATURE OF THE GUIDE

Dr. P. JAMUNA DEVI M.Sc., M.Phil., Ph.D.,  
Assistant Professor of Mathematics  
A.D.M. College for Women (Autonomous)  
Nagapattinam - 611 001.

*N. K. Sumanarathi* 1/4/24

SIGNATURE OF THE FORWARDING AUTHORITY

THE PRINCIPAL *ic*



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Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India.

# A STUDY ON ANALYTIC NUMBER THEORY

## DISSERTATION

*Submitted to*  
**ADM COLLEGE FOR WOMEN (AUTONOMOUS)**  
**NAGAPATTINAM**

*In partial fulfillment of the requirements for the award of Degree of*  
**MASTER OF SCIENCE IN MATHEMATICS**



*by*

**Name B. NANDHINIKUMARI**

**Reg. No 22PSM011**

*Under the supervision of*  
**Dr.(Mrs.) R. VANITHA, M.Sc., M.Phil., B.Ed., Ph.D.,**

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**  
Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India.

**MARCH 2024**

**A.D.M. College for Women (Autonomous)**  
**NAGAPATTINAM**

**A STUDY ON ANALYTIC NUMBER THEORY**

*In partial fulfillment of the requirements for the award of Degree of*  
**MASTER OF SCIENCE IN MATHEMATICS**

*Submitted by*

**Name B. NANDHINIKUMARI**

**Reg. No 22PSM011**

  
**INTERNAL EXAMINER**

**Dr. (Mrs) R. VANITHA,**  
M.Sc., M.Phil., B.Ed., Ph.D.,  
Associate Professor of Mathematics  
A.D.M. College For Women (Autonomous)  
Nagapattinam - 611 001.

  
**EXTERNAL EXAMINER**

**Lt. Dr. D. Stephen Dinagar Ph.D.,**  
Associate Professor & Research Advisor  
PG & Research Department of Mathematics  
T.B.M.L. College, Porayar - 609 307.  
Nagapattinam Dt. Tamilnadu.

**DEPARTMENT OF MATHEMATICS**

**A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)**

Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle

(Affiliated to Bharathidasan University, Tiruchirappalli)

Nagapattinam – 611 001,

Tamil Nadu, India

**MARCH 2024**

Dr.(Mrs.) R. VANITHA, M.Sc., M.Phil., B.Ed., Ph.D.,  
Associate Professor of Mathematics,  
A.D.M. College for Women(Autonomous),  
Nagapattinam.

Date: 28.03.2024

### CERTIFICATE

This is to certify that this project work has done under my guidance and dissertation entitled "A STUDY ON ANALYTIC NUMBER THEORY" being submitted to A.D.M. College for Women(Autonomous), Nagapattinam by B. NANDHINIKUMARI in partial fulfillment of the requirements of PG DEGREE COURSE in MATHEMATICS for the Academic year 2023 – 2024 is the original work of the candidate.

  
SIGNATURE OF THE

HEAD OF THE DEPARTMENT

Dr.(Mrs).N.SARALA, M.Sc., B.Ed., M.Phil., Ph.D.,  
Associate Professor and Research Adviser,  
PG & Research Department of Mathematics,  
A.D.M. College for Women (Autonomous)  
Nagapattinam-611 001.

  
SIGNATURE OF THE GUIDE

Dr.(Mrs)R.VANITHA,  
M.Sc., M.Phil., B.Ed., Ph.D.,  
Associate Professor of Mathematics  
A.D.M. College For Women (Autonomous)  
Nagapattinam - 611 001.

  
SIGNATURE OF THE FORWARDING AUTHORITY

THE PRINCIPAL



**A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)**  
Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India.

# CONNECTED SOFT GRAPHS AND ITS APPLICATIONS

## DISSERTATION

*Submitted to*

**ADM COLLEGE FOR WOMEN (AUTONOMOUS)  
NAGAPATTINAM**

*In partial fulfillment of the requirements for the award of Degree of*  
**MASTER OF SCIENCE IN MATHEMATICS**



*by*

**Name B. MENAKA**

**Reg. No 22PSM012**

*Under the supervision of*

**Dr. (Mrs.) G.SUDHA, M.Sc., M.Phil., B.Ed., Ph.D.,**

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**

Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle

(Affiliated to Bharathidasan University, Tiruchirappalli)

Nagapattinam – 611 001,

Tamil Nadu, India.

**MARCH 2024**

**A.D.M. College for Women (Autonomous)**  
NAGAPATTINAM

**CONNECTED SOFT GRAPHS AND ITS APPLICATIONS**

*In partial fulfillment of the requirements for the award of Degree of*  
**MASTER OF SCIENCE IN MATHEMATICS**


*Submitted by*

**Name B.MENAKA**

**Reg. No 22PSM012**

  
**INTERNAL EXAMINER**

**Dr. G. SUDHA,**  
M.Sc., M.Phil., B.Ed., Ph.D.,  
Assistant Professor,  
PG & Research Dept. of Mathematics,  
A.D.M. College for Women (Autonomous),  
Nagapattinam-611 001.

  
**EXTERNAL EXAMINER**  
08/04/24  
Lt. Dr. D. Stephen Dinagar Ph.D.,  
Associate Professor & Research Advisor  
PG & Research Department of Mathematics  
T.B.M.L. College, Porayar - 609 307.  
Nagapattinam Dt. Tamilnadu.

**DEPARTMENT OF MATHEMATICS**

**A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)**

Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle

(Affiliated to Bharathidasan University, Tiruchirappalli)

Nagapattinam – 611 001,

Tamil Nadu, India

**MARCH 2024**

Dr. (Mrs.) G.SUDHA, M.Sc., M.Phil.,B.Ed., Ph.D.,  
Assistant Professor of Mathematics,  
A.D.M. College for Women(Autonomous),  
Nagapattinam.

Date: 28.03.2024

### CERTIFICATE

This is to certify that this project work has done under my guidance and dissertation entitled "CONNECTED SOFT GRAPHS AND ITS APPLICATIONS" being submitted to A.D.M. College for Women (Autonomous) , Nagapattinam by B.MENAKA in partial fulfillment of the requirements of PG DEGREE COURSE in MATHEMATICS for the Academic year 2023 – 2024 is the original work of the candidate.

*m. sarala*  
28/3/24

SIGNATURE OF THE

HEAD OF THE DEPARTMENT

Dr.(Mrs).N.SARALA, M.Sc.,B.Ed.,M.Phil.,Ph.D.,  
Associate Professor and Research Adviser,  
PG & Research Department of Mathematics,  
A.D.M. College for Women (Autonomous)  
Nagapattinam-611 001.

*G. Sudha*

SIGNATURE OF THE GUIDE

Dr. G. SUDHA,

M.Sc.,M.Phil.,B.Ed.,Ph.D.,  
Assistant Professor,  
PG & Research Dept. of Mathematics,  
A.D.M. College for Women(Autonomous),  
Nagapattinam-611 001.

*N.K. Premarathi* 1/4/24

SIGNATURE OF THE FORWARDING AUTHORITY

THE PRINCIPAL *ifc*



**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**

Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)

Nagapattinam – 611 001,  
Tamil Nadu, India.



**AN APPROACH FOR SOLVING FUZZY TRANSPORTATION PROBLEMS USING  
DIFFERENT RANKING PROCEDURES**

**DISSERTATION**

*Submitted to*  
**ADM COLLEGE FOR WOMEN (AUTONOMOUS)  
NAGAPATTINAM**

*In partial fulfillment of the requirements for the award of Degree of*  
**MASTER OF SCIENCE IN MATHEMATICS**



*by*

**Name B. DURGA  
Reg. No 22PSM014**

*Under the supervision of*  
**Dr. (Mrs.) G.SUDHA, M.Sc., M.Phil., B.Ed., Ph.D.,**

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**  
Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India.

**MARCH 2024**

# A.D.M. College for Women (Autonomous)

NAGAPATTINAM

## AN APPROACH FOR SOLVING FUZZY TRANSPORTATION PROBLEMS USING DIFFERENT RANKING PROCEDURES

*In partial fulfillment of the requirements for the award of Degree of*  
**MASTER OF SCIENCE IN MATHEMATICS**

*Submitted by*

**Name B.DURGA**

**Reg. No 22PSM014**

  
**INTERNAL EXAMINER**

**Dr. G. SUDHA,**  
M.Sc., M.Phil., B.Ed., Ph.D.,  
Assistant Professor,  
PG & Research Dept. of Mathematics,  
A.D.M. College for Women (Autonomous),  
Nagapattinam-611 001.

  
**EXTERNAL EXAMINER**

Lt. Dr. D. Stephen Dinagar Ph.D.,  
Associate Professor & Research Advisor  
PG & Research Department of Mathematics  
T.B.M.L. College, Porayar - 609 307.  
Nagapattinam Dt. Tamilnadu.

## DEPARTMENT OF MATHEMATICS

**A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)**

Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle

(Affiliated to Bharathidasan University, Tiruchirappalli)

Nagapattinam – 611 001,

Tamil Nadu, India

**MARCH 2024**

Dr. (Mrs.) G.SUDHA, M.Sc., M.Phil.,B.Ed., Ph.D.,  
Assistant Professor of Mathematics,  
A.D.M. College for Women(Autonomous),  
Nagapattinam.

Date: 28.03.2024

## CERTIFICATE

This is to certify that this project work has done under my guidance and dissertation entitled "AN APPROACH FOR SOLVING FUZZY TRANSPORTATION PROBLEMS USING DIFFERENT RANKING PROCEDURES" being submitted to A.D.M. College for Women (Autonomous), Nagapattinam by B. DURGA in partial fulfillment of the requirements of PG DEGREE COURSE in MATHEMATICS for the Academic year 2023 – 2024 is the original work of the candidate.

  
28/3/24

SIGNATURE OF THE  
HEAD OF THE DEPARTMENT

Dr.(Mrs) N. SARALA, M.Sc., M.Phil., B.Ed., Phd.,  
Head / Associate Professor,  
PG And Resarch Department Of Mathematics,  
ADM College For Women (Autonomous),  
Nagapattinam - 611 001



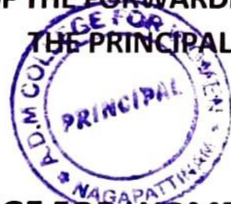
SIGNATURE OF THE GUIDE

Dr. G. SUDHA,  
M.Sc., M.Phil., B.Ed., Ph.D.,  
Assistant Professor,  
PG & Research Dept. of Mathematics,  
A.D.M. College for Women(Autonomous),  
Nagapattinam-611 001

  
14/24

SIGNATURE OF THE FORWARDING AUTHORITY

THE PRINCIPAL *ilc*



**A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)**

Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)

Nagapattinam – 611 001,  
Tamil Nadu, India.

# A STUDY ON SOFT GROUPS

## DISSERTATION

*Submitted to*  
**ADM COLLEGE FOR WOMEN (AUTONOMOUS)**  
**NAGAPATTINAM**

*In partial fulfillment of the requirements for the award of Degree of*  
**MASTER OF SCIENCE IN MATHEMATICS**



*by*

**Name S. SWATHI**

**Reg. No 22PSM016**

*Under the supervision of*  
**Mrs. P. HAMEETHA BEGUM M.Sc., M.Phil., (Ph.D).,**

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**  
Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India.

**MARCH 2024**

# A.D.M. College for Women (Autonomous)

NAGAPATTINAM

## A STUDY ON SOFT GROUPS

*In partial fulfillment of the requirements for the award of Degree of*

### MASTER OF SCIENCE IN MATHEMATICS

*Submitted by*

Name S. SWATHI      Reg. No 22PSM016

  
INTERNAL EXAMINER

**Mrs. P. HAMEETHA BEGUM** M.Sc., M.Phil.,  
Assistant Professor of Mathematics,  
A.D.M College for Women (Autonomous),  
Nagapattinam - 611001

  
EXTERNAL EXAMINER

Lt. Dr. D. Stephen Dinagar Ph.D.,  
Associate Professor & Research Advisor  
PG & Research Department of Mathematics  
T.B.M.L. College, Porayar - 609 307.  
Nagapattinam Dt. Tamilnadu.

## DEPARTMENT OF MATHEMATICS

### A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)

Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle

(Affiliated to Bharathidasan University, Tiruchirappalli)

Nagapattinam – 611 001,  
Tamil Nadu, India

MARCH 2024

Date: 28.03.2024

Mrs. P. HAMEETHA BEGUM, M.Sc., M.Phil., (Ph.D).,  
Assistant Professor of Mathematics,  
A.D.M. College for Women(Autonomous),  
Nagapattinam.

### CERTIFICATE

This is to certify that this project work has done under my guidance and dissertation entitled "A STUDY ON SOFT GROUPS" being submitted to A.D.M. College for Women (Autonomous), S. SWATHI in partial fulfillment of the requirements of PG DEGREE COURSE in MATHEMATICS for the Academic year 2023 – 2024 is the original work of the candidate.

*N. Sarala*  
28/3/24

SIGNATURE OF THE

HEAD OF THE DEPARTMENT

Dr.(Mrs) N. SARALA, M.Sc., M.Phil., B.Ed., Phd.,  
Head / Associate Professor,  
PG And Research Department Of Mathematics,  
ADM College For Women (Autonomous),  
Nagapattinam - 611 001

*P. Hameetha Begum*  
28/3/24

SIGNATURE OF THE GUIDE

Mrs.P. HAMEETHA BEGUM M.Sc., M.Phil.,  
Assistant Professor of Mathematics,  
A.D.M College for Women (Autonomous),  
Nagapattinam - 611001

*R. Annu*

SIGNATURE OF THE FORWARDING AUTHORITY

THE PRINCIPAL



**A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)**  
Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India.

# A STUDY ON SUPER VERTEX GRACEFUL GRAPHS

DISSERTATION

*Submitted to*

**ADM COLLEGE FOR WOMEN (AUTONOMOUS)  
NAGAPATTINAM**

*In partial fulfillment of the requirements for the award of Degree of*  
**MASTER OF SCIENCE IN MATHEMATICS**



*by*

**Name K.SNEKA**

**Reg. No 22PSM017**

*Under the supervision of*

**Dr. (Mrs.) P. JAMUNA DEVI, M.Sc., M.Phil., Ph.D.,**

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**

Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)

Nagapattinam – 611 001,  
Tamil Nadu, India.

**MARCH 2024**

# A.D.M. College for Women (Autonomous)

NAGAPATTINAM

## A STUDY ON SUPER VERTEX GRACEFUL GRAPHS

In partial fulfillment of the requirements for the award of Degree of  
**MASTER OF SCIENCE IN MATHEMATICS**

Submitted by

Name K.SNEKA

Reg. No 22PSM017



**INTERNAL EXAMINER**

Dr. P. JAMUNA DEVI M.Sc., M.Phil., Ph.D.,  
Assistant Professor of Mathematics  
A.D.M. College for Women (Autonomous)  
Nagapattinam - 611 001.



**EXTERNAL EXAMINER**

Lt. Dr. D. Stephen Dinagar Ph.D.,  
Associate Professor & Research Advisor  
PG & Research Department of Mathematics  
T.B.M.L. College, Porayar - 609 307.  
Nagapattinam Dt. Tamilnadu.

## DEPARTMENT OF MATHEMATICS

**A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)**

Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)

Nagapattinam – 611 001,  
Tamil Nadu, India

**MARCH 2024**



Date: 28-03-24

Dr. (Mrs.) P. JAMUNA DEVI, M.Sc., M.Phil., Ph.D.,  
Assistant Professor of Mathematics,  
A.D.M. College for Women(Autonomous),  
Nagapattinam.

### CERTIFICATE

This is to certify that this project work has done under my guidance and dissertation entitled "A STUDY ON SUPER VERTEX GRACEFUL GRAPHS" being submitted to A.D.M. College for Women (Autonomous), Nagapattinam by K.SNEKA in partial fulfillment of the requirements of PG DEGREE COURSE in MATHEMATICS for the Academic year 2023 – 2024 is the original work of the candidate.

*m. we*  
28/3/24

SIGNATURE OF THE  
HEAD OF THE DEPARTMENT

Dr. (Mrs.) N. SARALA, M.Sc., B.Ed., M.Phil., Ph.D.,  
Associate Professor and Research Adviser,  
PG & Research Department of Mathematics,  
A.D.M. College for Women (Autonomous)  
Nagapattinam-611 001.

*J. Devi*

SIGNATURE OF THE GUIDE

Dr. P. JAMUNA DEVI, M.Sc., M.Phil., Ph.D.,  
Assistant Professor of Mathematics,  
A.D.M. College for Women (Autonomous)  
Nagapattinam - 611 001.

*N.K. Sumanthi* 1/4/24

SIGNATURE OF THE FORWARDING AUTHORITY



A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)

Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle

(Affiliated to Bharathidasan University, Tiruchirappalli)

Nagapattinam – 611 001,

Tamil Nadu, India.

**Dr.R.Kasthuri, M.A, M.Phil ,Ph.D**  
**Assistant Professor of Economics,**  
**A.D.M. College for Women(Autonomous),**  
**Nagapattinam.**

Date: 31.3.2024

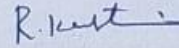
**CERTIFICATE**

This is to certify that this project work has done under my guidance and project entitled “Enhancing Sustainability and Profitability: A Comprehensive Study of Integrated Rice-Fish Farming practices in Tiruvarur district” being submitted to A.D.M. College for Women(Autonomous), Nagapattinam by **MS.THIRUPATHI MOUNIKA** in partial fulfillment of the requirements of PG DEGREE COURSE in Economics for the Academic year 2023 – 2024 is the original work of the candidate.



**SIGNATURE OF THE  
HEAD OF THE DEPARTMENT**

**Dr. S. RAJESWARI**  
Associate Professor & Head,  
P.G. Department of Economics,  
ADM College for Women,  
NAGAPATTINAM.



**SIGNATURE OF THE GUIDE**



**SIGNATURE OF THE FORWARDING AUTHORITY  
THE PRINCIPAL**



**A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)**  
Nationally Accredited with “A” Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001,  
Tamil Nadu, India.

**"A STUDY ON THE PROBLEMS OF  
UNEMPLOYMENT AMONG THE EDUCATED  
WOMEN IN NAGAPATTINAM TOWN "**

119

a Project Report submitted to  
**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS)**  
(Nationally Re-accredited with 'A' grade by NAAC - 4<sup>th</sup> Cycle)  
NAGAPATTINAM

in partial fulfillment of the requirements for the award of the Degree of  
**MASTER OF COMMERCE**

Submitted by  
**Miss. M. JANANI**  
(Reg.No.22PC001)

Under the Supervision of  
**Dr.(Mrs.) V. RENUGA M.Com., M.Phil., Ph.D**  
Associate Professor in Commerce



**PG & RESEARCH DEPARTMENT OF COMMERCE**  
**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS)**  
NAGAPATTINAM-611 001.

MARCH-2024

**Dr. (Mrs) V. Renuga, M.com., M.Phil., Ph.D.,**  
Associate professor in commerce  
A.D.M. College for women (Autonomous)  
Nagapattinam -611001.

Date 02.04.2024

**CERTIFICATE**

This is to certify that the project work entitled as "A STUDY ON THE PROBLEMS OF UNEMPLOYMENT AMONG THE EDUCATED WOMEN IN NAGAPATTINAM TOWN" submitted by M. JANANI (Reg No: 22PC001) in partial fulfilment of the requirements for the degree of MASTER OF COMMERCE to A.D.M College for women (Autonomous) Velippalayam, Nagapattinam-611001 for the academic year 2023-2024 is the original work of the candidate and was carried out under my supervision.

*V. Renuga*  
Signature of the Head of the  
Department. 2/4/24  
ik

**Dr. V. RENUGA, M.Com., M.Phil., Ph.D.,**  
Associate Professor of Commerce  
Research Supervisor  
A.D.M. College for women (Autonomous)  
Nagapattinam - 611001

*V. Renuga*  
Signature of the Project  
Advisor 2/4/24

**Dr. V. RENUGA, M.Com., M.Phil., Ph.D.,**  
Associate Professor of Commerce  
Research Supervisor  
A.D.M. College for women (Autonomous)  
Nagapattinam - 611001

*R. Anuradha*  
SIGNATURE OF THE FORWARDING  
AUTHORITY



**A STUDY ON CONSUMER ATTITUDE TOWARDS PAPERLESS  
TRANSACTION IN BANKING SECTOR WITH SPECIAL REFERENCE  
TO NAGAPATTINAM TOWN**

**Project report submitted to  
A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS) NAGAPATTINAM  
(Nationally accredited with 'A' grade by NAAC -4<sup>th</sup>Cycle)**

*In partial fulfillment of the requirements for the award of the degree of*  
**MASTER OF COMMERCE**

120

**Submitted by  
Miss. D. SINDHU  
(Reg. No. 22PC002)**

*Under the supervision of*  
**Dr.(Mrs.) V. KOKILA, M.COM., SET., M.B.A., Ph.D.,  
Assistant Professor of commerce**



**PG & RESEARCH DEPARTMENT OF COMMERE  
A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS )  
NAGAPATTINAM-611001.**

**MARCH-2024**

Dr. (Mrs.) V.KOKILA, M.COM., SET., M.B.A., Ph.D.,  
Assistant Professor in Commerce.  
A.D.M. College For women (Autonomous),  
Nagapattinam – 611001.

Date: 02.04.2024

## CERTIFICATE

This is to certify that the project entitled 'A STUDY ON CONSUMER ATTITUDE TOWARDS PAPERLESS TRANSACTION IN BANKING SECTOR WITH SPECIAL REFERENCE IN NAGAPATTINAM TOWN' is done under my guidance and submitted by Miss. D.SINDHU (Reg.No.22PC002) in partial fulfillment of the requirements for the award of the degree of Master of Commerce in A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS) NAGAPATTINAM. For the academic year 2023-2024 in the subject commerce is the original work of the candidate and was carried out under my supervision.

*V. Renuka* 21/4/24  
SIGNATURE OF THE HEAD  
OF THE DEPARTMENT *ilc*

*V. H.*  
SIGNATURE OF HEAD  
PROJECT SUPERVISOR

Dr. V. RENUGA, M.Com., M.Phil., Ph.D.,  
Associate Professor of Commerce  
Research Supervisor  
A.D.M. College for women (Autonomous)  
Nagapattinam - 611001

*R. Anuradha*  
SIGNATURE OF THE FORWARDING AUTHORITY PRINCIPAL



**A STUDY ON CUSTOMER SATISFACTION TOWARDS HOME  
LOAN SCHEME OF ICICI IN NAGAPATTINAM**

Project report submitted to  
**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS) NAGAPATTINAM**  
(Nationally accredited with 'A' grade by NAAC – 4th Cycle )

In partial fulfillment of the requirements for the award of the degree of  
**MASTER OF COMMERCE**

Submitted by

**MISS. K. PRIYADHARSHINI**  
(Reg. No. 22PC003)

121

*Under the supervision of*  
**Dr.(Mrs.) V. KOKILA, M.COM., SET., MBA., PH.D.,**  
Assistant Professor in Commerce



**PG & RESEARCH DEPARTMENT OF COMMERCE**  
**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS)**  
**NAGAPATTINAM-611 001.**  
**MARCH- 2024**

Dr. (Mrs.) V. KOKILA, M.COM., SET., MBA., Ph.D.,  
Assistant Professor in Commerce  
,A.D.M.College For women  
(Autonomous),Nagapattinam- 611001.


Date: 02/04/2024

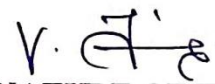
**CERTIFICATE**

This is to certify that the project entitled 'A STUDY ON COSTOMER SATISFACTION TOWARDS HOME LOAN SCHEME OF ICICI BANK IN NAGAPATTINAM' is done under my guidance and submitted by Miss. K. PRIYADHARSHINI (Reg.No.22PC003) in partial fulfillment of the requirements for the award of the degree of Master of Commerce in A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS) NAGAPATTINAM for the academic year 2023-2024 in the subject commerce is the original work of the candidate and was carried out under my supervision.

  
SIGNATURE OF THE

HEAD OF THE DEPARTMENT

  
Dr. V. RENUKA, M.Com., M.Phil., Ph.D.,  
Associate Professor of Commerce  
Research Supervisor  
A.D.M. College for women (Autonomous)  
Nagapattinam - 611001

  
SIGNATURE OF THE  
PROJECT SUPERVISOR

  
SIGNATURE OF THE FORWARDING AUTHORITY  
PRINCIPAL





**A STUDY ON USAGE OF DEBIT CARDS IN NAGAPATTINAM  
TOWN**

Project report submitted to

**A.D.M COLLEGE FOR WOMEN(AUTONOMOUS), NAGAPATTINAM**

(Nationally accredited with 'A' grade by NAAC – 4<sup>th</sup> cycle)

In partial fulfilment of the requirement for the award of the degree of

**MASTER OF COMMERCE**

Submitted by  
Miss.C. PRIYA  
(Reg.no.22PC005)

Project Advisor  
Dr. (Mrs) PREMAVATHI, M.Com., M.Phil., Ph.D.,  
Associate Professor of Commerce



**POST GRADUATE AND RESEARCH DEPARTMENT OF COMMERCE**

**A.D.M COLLEGE FOR WOMEN (AUTONOMOUS),**

**NAGAPATTINAM – 611001**

**MARCH – 2024**

Dr. (Mrs) N.K. PREMAVATHI, M.Com., M.Phil., Ph.D.,  
Associate Professor in Commerce,  
A.D.M College for women (Autonomous),  
Nagapattinam – 611001

Date ..02.04.24

### CERTIFICATE

This is to certify that the project work entitled “A STUDY ON USAGE OF DEBIT CARDS IN NAGAPATTINAM TOWN” submitted by C. PRIYA (Reg.No:22PC005) under my guidance in partial fulfilment of the requirements of the degree of MASTER OF COMMERCE to A.D.M College for women (Autonomous) Velippalayam, Nagapattinam – 611001 for the academic year 2023 – 2024 is the original work of the candidate and was carried out under my supervision.

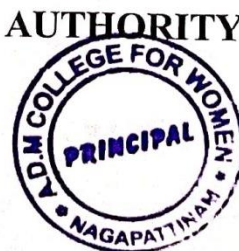
*V. Renuka*  
SIGNATURE OF THE HEAD  
OF THE DEPARTMENT  
2/4/24

**Dr. V. RENUGA**, M.Com., M.Phil., Ph.D.,  
Associate Professor of Commerce  
Research Supervisor  
A.D.M. College for women (Autonomous)  
Nagapattinam - 611001

*V. Renuka*  
SIGNATURE OF  
PROJECT ADVISOR  
2/4/24

**Dr. V. RENUGA**, M.Com., M.Phil., Ph.D.,  
Associate Professor of Commerce  
Research Supervisor  
A.D.M. College for women (Autonomous)  
Nagapattinam - 611001

*Renuka*  
SIGNATURE OF THE FORWARDING  
AUTHORITY



**A STUDY ON JOB SATISFACTION OF BANK EMPLOYEES  
IN KARAİKAL TOWN**

**Project report submitted to  
A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM**  
(Nationally Re-accredited with 'A' grade by NAAC – 4<sup>th</sup> Cycle)

in partial fulfilment of the requirements for the award of the degree of  
**MASTER OF COMMERCE**

Submitted by  
**Miss. N. NANDHINI**  
(Reg.N0.22PC006)

123

Under the supervision of  
**Dr. (Mrs.) P. RAJESWARI, M.Com., M.Phil., MBA., Ph.D.,**  
Assistant Professor in Commerce



**PG & RESEARCH DEPARTMENT OF COMMERCE**

**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS)**  
(Nationally accredited with 'A' grade by NAAC – 4<sup>th</sup> Cycle)  
NAGAPATTINAM-611 001.

**MARCH – 2024**

**Dr. (Mrs.) P. RAJESWARI, M.Com., M.Phil., MBA., Ph.D.,**  
Assistant professor in Commerce,  
A.D.M.College For women (Autonomous),  
Nagapattinam – 611 001.

Date: 02/04/2024

### CERTIFICATE

This is to certify that the project entitled 'A STUDY ON JOB SATISFACTION OF BANK EMPLOYEES IN KARAIKAL TOWN' is done under my guidance and submitted by Miss. N.NANDHINI (Reg.No.22PC006) in partial fulfilment of the requirements for the award of the degree of Master of Commerce in A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS) NAGAPATTINAM for the academic year 2023-2024 in the subject commerce is the original work of the candidate.

*V. Renuka 2/4/24*  
SIGNATURE OF THE

HEAD OF THE DEPARTMENT

*i/c*  
Dr. V. RENUKA, M.Com., M.Phil., Ph.D.,  
Associate Professor of Commerce  
Research Supervisor  
A.D.M. College for women (Autonomous)  
Nagapattinam - 611001

*P. Anjali 2/4/24*  
SIGNATURE OF THE

PROJECT ADVISOR,

**P. ANJALI, M.Com., M.Phil., MBA., Ph.D.,**  
Assistant Professor of Commerce  
A.D.M College for Women (Autonomous)  
Nagapattinam - 611 001.

*R. Anand*  
SIGNATURE OF THE FORWARDING AUTHORITY



**A STUDY ON CONSUMER SATISFACTION TOWARDS HIMALAYA  
HERBAL PRODUCTS IN NAGAPATTINAM TOWN**

*A project report submitted*

**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS)**

(Nationally accredited with 'A' grade by NAAC-4<sup>th</sup> cycle)

*In partial fulfillment of the requirements for the award of degree of*

**MASTER OF COMMERCE**

*Submitted By*

**Miss.K.GAYATHIRI  
(Reg.No:22PC007)**

*Under the supervisor of*

**Dr.(Mrs.) P. RAJESWARI, M.Com., M.Phil., MBA., Ph.D,**

**Associate professor of commerce**



**PG & RESEARCH DEPARTMENT OF COMMERCE**

**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS)**

**NAGAPATTINAM-611001**

**MARCH-2024**

124

**Dr. (Mrs) P. RAJESWARI, M.Com., M.Phil., MBA., Ph.D,**  
Associate Professor of Commerce,  
A.D.M.College for Women (Autonomous),  
Nagapattinam – 611001.

---

Date: 2 . 4 . 24

**CERTIFICATE**

This is to certify that the project report entitled “A STUDY ON CONSUMER SATISFACTION TOWARDS HIMALAYA HERBAL PRODUCTS IN NAGAPATTINAM TOWN” is submitted by Miss.K.GAYATHIRI (Reg.No:22PC007) under my guidance in partial fulfillment of the requirements for the award of the Degree of Master of Commerce for the academic year 2023-2024 is the original work of the candidate and was carried out under my supervision.

*V. Renuka*  
24/2/24  
SIGNATURE OF THE

HEAD OF THE DEPARTMENT

*ib*  
**Dr. V. RENUKA, M.Com., M.Phil., Ph.D.,**  
Associate Professor of Commerce  
Research Supervisor  
A.D.M. College for women (Autonomous)  
Nagapattinam - 611001

*P. Rajeswari*  
2/4/24  
SIGNATURE OF THE

**P. RAJESWARI,**  
M.Com., M.Phil., MBA., Ph  
Assistant Professor of Commerce  
A.D.M College for Women (Autonomous)  
Nagapattinam - 611 001.

*P. Renuka*  
SIGNATURE OF THE FORWARDING

AUTHORITY



**A STUDY ON LIC HOUSING FINANCE IN  
NAGAPATTINAM TOWN**

Project report submitted to

**A.D.M.COLLEGE FOR WOMEN(AUTONOMOUS)**

(Nationally Re-accredited with 'A' grade by NAAC – 4<sup>th</sup> Cycle)

*In partial fulfillment of the requirements for the award of the degree of*

**MASTER OF COMMERCE**

Submitted by

125

**Mrs.M.SEHANAZ**

(Reg.No.22PC008)

Under the supervision of

**Dr.(Mrs.)R. JAMUNA DEVI,M.Com., M.Phil., Ph.D.,**

Assistant Professor of Commerce



**PG & RESEARCH DEPARTMENT OF COMMERCE  
A.D.M COLLEGE FOR WOMEN (AUTONOMOUS)  
NAGAPATTINAM – 611001**

**MARCH – 2024**

Dr.(Mrs.)R. JAMUNA DEVI,M.Com., M.Phil., Ph.D.,  
Assistant professor of Commerce,  
A.D.M.College For women (Autonomous),  
Nagapattinam – 611 001.

Date: 02.04.2024

### CERTIFICATE

This is to certify that the project entitled 'A STUDY ON LIC HOUSING FINANCE IN NAGAPATTINAM TOWN' is done under my guidance and submitted by Mrs. M. SEHANAZ (Reg.No.22PC008) in partial fulfillment of the requirements for the award of the degree of Master of Commerce in A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS) NAGAPATTINAM for the academic year 2023 - 2024 in the subject commerce is the original work of the candidate.

  
Signature of the  
Head of the Department

Dr. V. RENUGA, M.Com., M.Phil., Ph.D.,  
Associate Professor of Commerce  
Research Supervisor  
A.D.M. College for women (Autonomous)  
Nagapattinam - 611001

  
Signature of the Guide

Dr. R. JAMUNA DEVI,  
M.Com., M.Phil., Ph.D.,  
Assistant Professor,  
PG & Research Dept. of Commerce,  
A.D.M. College for Women (Autonomous),  
Nagapattinam-611 001.

  
SIGNATURE OF THE FORWARDING AUTHORITY





**“A STUDY ON HOUSEHOLD PROBLEMS OF  
MARRIED WORKING WOMEN IN NAGAPATTINAM  
TOWN”**

a Project Report submitted to

**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS)**

(Nationally accredited with ‘A’ grade by NAAC – 4<sup>th</sup> Cycle)

in partial fulfilment of the requirements for the award of the Degree of

**MASTER OF COMMERCE**

Submitted By  
**Miss. S. RAMYA**  
(Reg.No: 22PC011)

126

Under the Supervisor of

**Dr.(Mrs.) V. RENUGA M.Com., M.Phil., Ph.D**

Associate Professor of Commerce



**PG & RESEARCH DEPARTMENT OF COMMERCE  
A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS)**

**NAGAPATTINAM-611 001.**

**MARCH – 2024**

**Dr. (Mrs) V. Renuga, M.com., M.Phil., Ph.D.,**  
Associate professor in commerce  
A.D.M. College for women (Autonomous)  
Nagapattinam-611001

---

Date 02.04.2024

### CERTIFICATE

This is to certify that the project work entitled as "A STUDY ON HOUSEHOLD PROBLEMS OF MARRIED WORKING WOMEN IN NAGAPATTINAM TOWN" submitted by S. RAMYA (Reg No: 22PC011) in partial fulfilment of the requirements for the degree of MASTER OF COMMERCE to A.D. M. College for women (Autonomous) Velippalayam, Nagapattinam-611001 for the academic year 2023-2024 is the original work of the candidate and was carried out under my supervision.

  
Signature Of the Head of the  
Department *ilc*

**Dr. V. RENUGA, M.Com., M.Phil., Ph.D.,**  
Associate Professor of Commerce  
Research Supervisor  
A.D.M. College for women (Autonomous)  
Nagapattinam - 611001

  
Signature of the project  
advisor

**Dr. V. RENUGA, M.Com., M.Phil., Ph.D.,**  
Associate Professor of Commerce  
Research Supervisor  
A.D.M. College for women (Autonomous)  
Nagapattinam - 611001

  
SIGNATURE OF THE FORWARDING  
AUTHORITY



**A STUDY ON CUSTOMER PREFERENCE TOWARDS  
MOBILE PHONE IN NAGAPATTINAM TOWN**

*Project report submitted to*

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**

**(Nationally accredited with 'A' grade by NAAC -4<sup>th</sup> cycle)**

**NAGAPATTINAM**

*In partial fulfilment of the requirements for the award of the degree of*  
**MASTER OF COMMERCE**

*Submitted by*

**Miss. P. JAYAPRIYA**

**(Reg. No 22PC012)**

127

Under the supervision of

**Dr. (Mrs). R. Krishnaveni, M.com., B.Ed.,M.Phil., Ph.D.,  
Associate Professor in Commerce**



**PG & RESEARCH DEPARTMENT OF COMMERCE  
A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)  
NAGAPATTINAM-611 001  
MARCH- 2024**

Dr. (Mrs). R. Krishnaveni, M.com., B.Ed.,M.Phil., Ph.D.,  
Associate Professor in Commerce

A. D. M College for women (Autonomous)  
Nagapattinam - 611 001.

Date .02.04.2024

**CERTIFICATE**

This is to certify that The project work entitled "A STUDY ON CONSUMER PREFERENCE TOWARDS MOBILE PHONE IN NAGAPATTINAM TOWN" submitted by P. JAYAPRIYA (Reg. No; 22PC012) in partial fulfilment of the requirements for the degree of MASTER OF COMMERCE to A.D.M College for women (Autonomous) Velippalayam, Nagapattinam-611 001 for the academic period 2023-2024 is the original work of the candidate and was carried out under my supervision.

*V. Renuga* 21/4/24

SIGNATURE OF THE  
HEAD OF THE DEPARTMENT

*ih*

Dr. V. RENUGA, M.Com., M.Phil., Ph.D.,  
Associate Professor of Commerce  
Research Supervisor  
A.D.M. College for women (Autonomous)  
Nagapattinam - 611001

*R. Kumari* 2/4/24

SIGNATURE OF THE  
PROJECT ADVISOR

*R. Anurag*

SIGNATURE OF THE FORWARDING AUTHORITY  
PRINCIPAL



**A STUDY ON CUSTOMER SATISFACTION  
TOWARDS PROFESSIONAL COURIER SERVICE  
IN NAGAPATTINAM TOWN**

The project report submitted to  
**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS)**  
(Nationally Re-accredited with 'A' grade by NAAC – 4th Cycle)  
in partial fulfillment of the requirements for the award of the degree of  
**MASTER OF COMMERCE**

Submitted by

**Miss.M.ARCHANA**  
(Reg. No.22PC013)

128

Under the supervision of  
**Dr (Mrs.) R.LATHA, M.B.S., M.Phil., SLET., Ph.D.,**  
Assistant Professor in Commerce



**PG & RESEARCH DEPARTMENT OF COMMERCE**

**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS)**  
(Nationally Re-accredited with 'A' grade by NAAC – 4th Cycle)  
**NAGAPATTINAM-611 001.**

**MARCH – 2024**

**CERTIFICATE**

**Dr. R. LATHA, M.B.S., M.Phil., SLET., Ph.D**  
Assistant professor in Commerce,  
A.D.M. College For Women (Autonomous),  
Nagapattinam – 611 001.


Date: 02.04.2024

**CERTIFICATE**

This is to certify that the project entitled 'A STUDY ON CUSTOMER SATISFACTION TOWARDS PROFESSIONAL COURIER SERVICE IN NAGAPATTINAM TOWN' is done under my guidance and submitted by Miss.M.ARCHANA (Reg.No 22PC013 in partial fulfillment of the requirements for the award of the degree of Master of Commerce in A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS) NAGAPATTINAM for the academic year 2023 - 2024 in the subject of commerce is the original work of the candidate.

  
Signature of the  
Head of the Department  
ilc

Dr. V. RENUKA, M.Com., M.Phil., Ph.D.  
Associate Professor of Commerce  
Research Supervisor  
A.D.M. College for women (Autonomous)  
Nagapattinam - 611001

  
Signature of the Guide

Dr. R. LATHA, M.B.S., M.Phil., Ph.D.  
Assistant Professor in Commerce  
A.D.M. College For Women  
Nagapattinam

  
SIGNATURE OF THE FORWARDING AUTHORITY



**A STUDY ON THE PERCEPTION OF TOURISTS IN NAGAPATTINAM  
TALUK**

*Project report submitted to*

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM  
(Nationally accredited with 'A' grade by NAAC -4<sup>th</sup> Cycle)**

*In partial fulfilment of the requirements for the award of the degree of  
MASTER OF COMMERCE*

*Submitted by*

**Miss. D. VIMALA**

**(Reg. No. 22PC014)**

129

**Project Advisor**

**Dr. (Mrs.) R. KRISHNAVENI, M.Com., M. Phil., B. Ed., Ph. D.,**

**Associate Professor of Commerce**



**POST GRADUATE AND RESEARCH DEPARTMENT OF  
COMMERCE**

**A.D.M COLLEGE FOR WOMEN (AUTONOMOUS)**

**NAGAPATTINAM-611 001**

**MARCH- 2024**

Dr. (Mrs.) R. KRISHNAVENI, M. Com., M. Phi., B. Ed., Ph. D.,

Associate professor in Commerce

A.D.M College for women (Autonomous)  
Nagapattinam - 611 001.

Date ..2/4/24..

**CERTIFICATE**

This is to certify that the project work The project work entitled "A STUDY ON THE PERCEPTION OF TOURISTS IN NAGAPATTINAM TALUK" submitted by D.VIMALA (Reg. No: 22PC014) in partial fulfilment of the requirements for the degree of MASTER OF COMMERCE to A.D.M College for women (Autonomous) , Nagapattinam-611 001 for the academic period 2023-2024 is the original work of the candidate and was carried out under my supervision.

*V. Renuga* 2/4/24

SIGNATURE OF THE  
HEAD OF THE DEPARTMENT

Dr. V. RENUGA, M.Com., M.Phil., Ph.D.,  
Associate Professor of Commerce  
Research Supervisor  
A.D.M. College for women (Autonomous)  
Nagapattinam - 611001

*R. Kund* 2/4/24

SIGNATURE OF THE  
PROJECT ADVISOR

*R. Arun*

SIGNATURE OF THE FORWARDING AUTHORITY  
PRINCIPAL





**A STUDY ON CONSUMER PERCEPTION TOWARDS  
ONLINE SHOPPING IN NAGAPATTINAM TOWN**

**Project report submitted to**

**A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS)**

(Nationally Re-accredited with 'A' grade by NAAC – 4<sup>th</sup> Cycle)

In partial fulfillment of the requirements for the award of the degree of

**MASTER OF COMMERCE**

130

Submitted by

**Miss. HASMATH SAKINA**

**(Reg.No. 22PC015)**

Under the supervision of

**Dr. (Mrs.) R. JAMUNA DEVI, M.COM., M.Phil., Ph.D.,**

**Assistant Professor of Commerce**



**PG & RESEARCH DEPARTMENT OF COMMERCE  
A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS)**

(Nationally re-credited with 'A' grade by NAAC – 4th Cycle)

**NAGAPATTINAM-611 001.**

**MARCH – 2024**

**Dr. (Mrs.) R. Jamuna Devi, M.Com., M.Phil., Ph.D.,**  
Assistant Professor of Commerce,  
A.D.M.College For women (Autonomous),  
Nagapattinam – 611 001.

Date: 02.04.2024

### CERTIFICATE

This is to certify that the project entitled 'A STUDY ON CONSUMER PERCEPTION TOWARDS ONLINE SHOPPING IN NAGAPATTINAM TOWN' is done under my guidance and submitted by Miss. S. HASMATH SAKINA (Reg.No: 22PC015) in partial fulfillment of the requirements for the award of the degree of Master of Commerce in A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS) NAGAPATTINAM for the academic year 2023-2024 in the subject commerce is the original work of the candidate and was carried out under my supervision.

*V. Renuka*  
Signature of the  
Head of the Department  
ilc

**Dr. V. RENUKA, M.Com., M.Phil., Ph.D.,**  
Associate Professor of Commerce  
Research Supervisor  
A.D.M. College for women (Autonomous)  
Nagapattinam - 611001

*R. Jamuna Devi*  
Signature of the Guide  
02/04/24

**Dr. R. JAMUNA DEVI,**  
M.Com.,M.Phil.,Ph.D.,  
Assistant Professor,  
PG & Research Dept. of Commerce,  
A.D.M. College for Women(Autonomous),  
Nagapattinam-611 001.

*R. Anand*  
SIGNATURE OF THE FORWARDING AUTHORITY



**A STUDY ON THE IMPACT OF ADVERTISEMENT ON CONSUMERS  
WITH REFERENCE TO HOME APPLIANCES IN NAGAPATTINAM  
TOWN**

Project report submitted to

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**

(Nationally Accredited with 'A' grade by NAAC-4<sup>th</sup> Cycle)

In partial fulfillment of the requirements for the award of the degree of

**MASTER OF COMMERCE**

Submitted by

**M. SNEHA**

(Reg. No: 22PC016)

(3)

Under the supervision of

**Dr (Mrs.) R. LATHA, MBS., M. Phil., Ph.D.,**

Assistant Professor in Commerce



**PG&RESEARCH DEPARTMENT OF COMMERCE**

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**

(Nationally Accredited with 'A' grade by NAAC-4<sup>th</sup> Cycle)

NAGAPATTINAM-611001.

MARCH-2024

## CERTIFICATE

Dr. (Mrs.) R. LATHA, MBS., M. Phil., Ph.D.,


Assistant Professor of Commerce,

A.D.M. COLLEGE for Women (Autonomous),


Nagapattinam-611001.

Date: 02.04.2024

This is to certify that the project entitled "A STUDY ON THE IMPACT OF ADVERTISEMENT ON CONSUMERS WITH REFERENCE TO HOME APPLIANCES IN NAGAPATTINAM TOWN" is done under my guidance and submitted by M. SNEHA (Reg. No.22PC016) in partial fulfillment of the requirement for the award of the degree Master of Commerce in A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS) NAGAPATTINAM for the academic year 2023-2024 in the subject commerce is the original work of the candidate.

  
Signature of the Head of  
the Department *ilc*

**Dr. V. RENUGA**, M.Com., M.Phil., Ph.D.,  
Associate Professor of Commerce  
Research Supervisor  
A.D.M. College for women (Autonomous)  
Nagapattinam - 611001

  
Signature of the Guide

  
SIGNATURE OF THE FORWARDING AUTHORITY



PG DEPARTMENT OF COMPUTER SCIENCE  
PROJECT DETAILS

II-M.Sc., COMPUTER SCIENCE  
(2023-2024)

S.NO	REG.NO	NAME OF THE STUDENT	PROJECT TITLE	GUIDE NAME
1.	22PCS101	S.Niha	Design and Development of Vehicular Attacks using Hybrid Deep Learning Architectures	Dr.S.Thaiyalnayaki M.Sc.,M.Phil.,Ph.D.,
2.	22PCS102	S.Sivaranjani	Centrality Base IOT Trust prediction systems using b-Layered Architectures	Mrs.K.Kavitha, M.Sc., M.Phil., B.Ed.,
3.	22PCS104	V.Punitha	Bio-inspired Encryption and Decryption Schemes for the Edge –IOT based Agricultural Devices	Mrs.G.Lokeshwari, M.Sc., B.Ed., M.Phil.,
4.	22PCS105	A.Anusha	Block Chain Based Intelligent And Private Preserving Data Transfer In IOT Networks	Mrs.K.Kavitha, M.Sc., M.Phil., B.Ed.,
5.	22PCS107	R.Bhuvaneshwari	Mutual Authentication Systems for the Edge – Based IOT devices	Mrs.K.Kavitha, M.Sc., M.Phil., B.Ed.,
6.	22PCS108	M.Mahira	Multiple Message Preserving For the Identification of Malwares Using Deep Learning	Mrs.G.Lokeshwari, M.Sc., B.Ed., M.Phil.,
7.	22PCS109	M.Prathiksha	Artificial Intelligence theft identification systems for Multi-source and Multi-powered Smart grid applications	Dr.S.Thaiyalnayaki M.Sc.,M.Phil.,Ph.D.,
8.	22PCS110	M.Sowmiya	AI based Battery Management Systems connected in an IOT environment	Dr.S.Thaiyalnayaki M.Sc.,M.Phil.,Ph.D.,

**A.D.M COLLEGE FOR WOMEN, (Autonomous)**

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AFFILIATED TO BHARATHIDHASAN UNIVERSITY, THIRUCHIRAPALLI.

This is to certify that this dissertation entitled

**"DESIGN AND DEVELOPMENT OF VEHICULAR ATTACKS USING  
HYBRID DEEP LEARNING ARCHITECTURES"**

is a Bonafide record of the project work done by

**Ms. S. NIHA**


**Register No : 22PCS101**

**A.D.M College for Women (Autonomous), Nagapattinam**


**During the year 2023-2024**

*In partial fulfilment of the requirements for the award of the degree of*

**"MASTER OF COMPUTER SCIENCE"**

  
Dr.S.THAIYALNAYAKI M.Sc.,M.Phil.,Ph.D.,

**Faculty Guide**

  
Dr.S.THAIYALNAYAKI M.Sc.,M.Phil.,Ph.D.,

**Head of the Department**

  
**Signature of the Principal**

Submitted for the A.D.M. College Vive Voce Examination held at A.D.M.COLLEGE  
FOR WOMEN (Autonomous), NAGAPATTINAM.

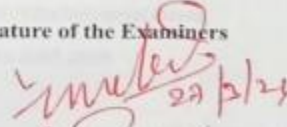
Place : Nagapattinam

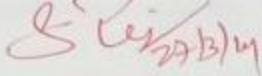
Date : 27.03.2024

**Signature of the Examiners**

1.

2.

  
27/3/24

  
27/3/24

ABE SEMICONDUCTOR DESIGNS, CHENNAI



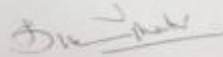
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TO WHOMSOEVER IT MAY CONCERN

Date: 29/02/2024

This is to certify that **Ms.Niha S.** M.Sc. Computer Science, **A.D.M. College for Women, Nagapattinam , Tamil Nadu**, has undergone for 3 months and worked on the project titled **"Design and Development of Vehicular Attacks using Hybrid Deep Learning Architectures"** from January 2024 to March 2024. During her tenure, she was sincere, dedicated, and hardworking.

With Best Regards,



**A.ATHIF SHAH,Chairman.**  
**ABE Semiconductor Designs.**

---

Level 5, North block, Tamarai Tech Park, S.P. Plot No.16-19 & 20-A, ThiruVika Industrial Estate,

Inner Ring Road, Guindy, Chennai – 600032, India. Phone : +91 44 4065 2999

Web: [www.abegroups.com](http://www.abegroups.com)

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*(Nationally Accredited with "A" Grade By NAAC - 4<sup>th</sup> Cycle)*  
AFFILIATED TO BHARATHIDHASAN UNIVERSITY, THIRUCHIRAPALLI.

This is to certify that this dissertation entitled

**"CENTRALITY BASED SIOT TRUST PREDICTION SYSTEMS  
USING B-LAYERED ARCHITECTURE"**

is a Bonafide record of the project work done by

**Ms. S. SIVARANJANI**

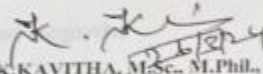
Register No : 22PCS102

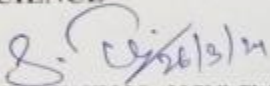
**A.D.M College for Women (Autonomous), Nagapattinam**


During the year 2023-2024

*In partial fulfilment of the requirements for the award of the degree of*

**"MASTER OF COMPUTER SCIENCE"**

  
Mrs.K.KAVITHA, M.Sc., M.Phil., B.Ed.,  
Faculty Guide

  
Dr.S.THAIYALNAYAKI M.Sc.,M.Phil.,Ph.D.,  
Head of the Department

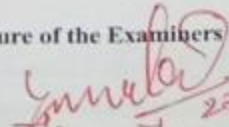
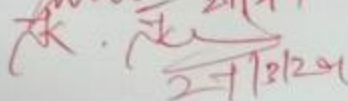
  
Signature of the Principal

Submitted for the A.D.M. College Vive Voce Examination held at  
A.D.M.COLLEGE FOR WOMEN (Autonomous), NAGAPATTINAM.

Place : Nagapattinam

Date : 27.03.2024

Signature of the Examiners

-   
27/3/24
-   
27/3/24



ABE SEMICONDUCTOR DESIGNS, CHENNAI



---

TO WHOMSOEVER IT MAY CONCERN

Date: 29/02/2024

This is to certify that Ms.Sivaranjani S, M.Sc. Computer Science, **A.D.M. College for Women, Nagapattinam , Tamil Nadu**, has undergone for 3 months and worked on the project titled "*Centrality Based SIoT Trust prediction systems using b-Layered Architectures*" from January 2024 to March 2024. During her tenure, she was sincere, dedicated, and hardworking.

With Best Regards,

A.ATHIF SHAH,Chairman.

ABE Semiconductor Designs.

---

Level 5, North block, Tamarai Tech Park, S.P. Plot No.16-19 & 20-A, Thiru Vi Ka Industrial Estate,

Inner Ring Road, Guindy, Chennai – 600032, India. Phone : +91 44 4065 2999

Web: [www.abegroups.com](http://www.abegroups.com)

**A.D.M COLLEGE FOR WOMEN, (Autonomous)**

*(Nationally Accredited with "A" Grade By NAAC – 4<sup>th</sup> Cycle)*  
AFFILIATED TO BHARATHIDHASAN UNIVERSITY, TIRUCHIRAPALLI.

This is to certify that this dissertation entitled

**“BIO-INSPIRED ENCRYPTION AND DECRYPTION SCHEMES  
FOR THE EDGE –IOT BASED AGRICULTURAL DEVICES”**

is a Bonafide record of the project work done by

**Ms. V. PUNITHA**

**Register No : 22PCS104**

**A.D.M College for Women (Autonomous), Nagapattinam**

**During the year 2023-2024**

*In partial fulfilment of the requirements for the award of the degree of*

**“MASTER OF COMPUTER SCIENCE”**

*G. Loka*  
Mrs. G.LOKESHWARI, M.Sc., B.Ed., M.Phil.,

**Faculty Guide**

*S. Pr*  
Dr.S.THAIYALNAYAKI M.Sc.,M.Phil.,Ph.D.,

**Head of the Department**

*R. Anand*  
**Signature of the Principal**

Submitted for the A.D.M. College Vive Voce Examination held at  
A.D.M.COLLEGE FOR WOMEN (Autonomous), NAGAPATTINAM.

**Signature of the Examiners**

**Place : Nagapattinam**

**Date : 27.03.2024**

1. *Y. Anand*  
27/3/24
2. *G. Loka*  
27/3/24

## ABE SEMICONDUCTOR DESIGNS, CHENNAI



---

**TO WHOMSOEVER IT MAY CONCERN**

**Date: 29/02/2024**

This is to certify that Ms. Punitha V, M.Sc. Computer Science, **A.D.M. College for Women, Nagapattinam , Tamil Nadu**, has undergone for 3 months and worked on the project titled "*Bio-inspired Encryption and Decryption Schemes for the Edge -IoT based Agricultural Devices*" from January 2024 to March 2024. During her tenure, she was sincere, dedicated, and hardworking.

**With Best Regards,**

**A.ATHIF SHAH,Chairman.  
ABE Semiconductor Designs.**

---

Level 5, North block, Tamarai Tech Park, S.P. Plot No.16-19 & 20-A, ThiruViKa Industrial Estate,  
Inner Ring Road, Guindy, Chennai – 600032, India. Phone : +91 44 4065 2999

Web: [www.abegroups.com](http://www.abegroups.com)

**A.D.M COLLEGE FOR WOMEN, (Autonomous)**

*(Nationally Accredited with "A" Grade By NAAC - 4<sup>th</sup> Cycle)*  
AFFILIATED TO BHARATHIDHASAN UNIVERSITY, THIRUCHIRAPALLI.

This is to certify that this dissertation entitled

**"BLOCK CHAIN BASED INTELLIGENT AND PRIVATE  
PRESERVING DATA TRANSFER IN IOT NETWORKS"**

is a Bonafide record of the project work done by

**Ms. A.ANUSHA**

**Register No : 22PCS105**


**A.D.M College for Women (Autonomous), Nagapattinam**

**During the year 2023-2024**

*In partial fulfilment of the requirements for the award of the degree of*

**"MASTER OF COMPUTER SCIENCE"**

  
Mrs. K.KAVITHA M.Sc., M.Phil., B.Ed.,  
Faculty Guide

  
Dr. S. THAIYALNAYAKI M.Sc., M.Phil., Ph.D.,  
Head of the Department



  
Signature of the Principal

Submitted for the A.D.M. College VIVE VOCE Examination held at  
A.D.M.COLLEGE FOR WOMEN (Autonomous), NAGAPATTINAM.

Place : Nagapattinam

Date : 27.03.2024

Signature of the Examiners

-   
27/3/24
-   
27/3/24

## ABE SEMICONDUCTOR DESIGNS, CHENNAI



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### TO WHOMSOEVER IT MAY CONCERN

Date: 29/02/2024

This is to certify that MS.Anusha A, M.Sc. Computer Science, **A.D.M. College for Women, Nagapattinam , Tamil Nadu**, has undergone for 3 months and worked on the project titled ***“Block Chain Based Intelligent And Private Preserving Data Transfer In IoT Networks”*** from January 2024 to March 2024. During her tenure, she was sincere, dedicated, and hardworking.

With Best Regards,

**A.ATHIF SHAH,Chairman.**

**ABE Semiconductor Designs.**

---

Level 5, North block, Tamarai Tech Park, S.P. Plot No.16-19 & 20-A, ThiruViKa Industrial Estate,  
Inner Ring Road, Guindy, Chennai – 600032, India. Phone : +91 44 4065 2999

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**A.D.M COLLEGE FOR WOMEN, (Autonomous)**

*(Nationally Accredited with "A" Grade By NAAC - 4<sup>th</sup> Cycle)*  
AFFILIATED TO BHARATHIDHASAN UNIVERSITY, THIRUCHIRAPALLI.

This is to certify that this dissertation entitled

**"ARTIFICIAL INTELLIGENCE THEFT IDENTIFICATION  
SYSTEMS FOR MULTI-SOURCE AND MULTI-POWERED SMART  
GRID APPLICATION"**

is a Bonafide record of the project work done by

**Ms. R. BHUVANESWARI**

**Register No :22PCS107**

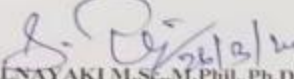
**A.D.M College for Women (Autonomous), Nagapattinam**


**During the year 2023-2024**

*In partial fulfilment of the requirements for the award of the degree of*

**"MASTER OF COMPUTER SCIENCE"**

  
Mrs. K. KAVITHA, M.Sc., M.Phil., B.Ed.,  
Faculty Guide

  
Dr. S. THAIYAL NAYAKI M.Sc., M.Phil., Ph.D.,  
Head of the Department

  
Signature of the Principal

Submitted for the A.D.M. College Vive Voce Examination held at  
A.D.M.COLLEGE FOR WOMEN (Autonomous), NAGAPATTINAM.

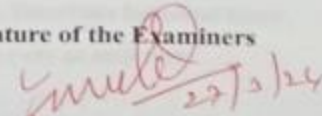
Place :Nagapattinam


Date :27.03.2024

Signature of the Examiners

1.

2.

  
22/3/24

  
27/3/24

ABE SEMICONDUCTOR DESIGNS, CHENNAI



ABE SEMICONDUCTOR DESIGNS  
IMAGINATING SMART FUTURE

TO WHOMSOEVER IT MAY CONCERN

Date: 29/02/2024

This is to certify that Ms.Bhuvaneswari.R, M.Sc. Computer Science, **A.D.M. College for Women, Nagapattinam, Tamil Nadu**, has undergone for 3 months and worked on the project titled "*Artificial Intelligence theft identification systems for Multi-source and Multi-powered Smart grid applications*" from January 2024 to March 2024. During her tenure, she was sincere, dedicated, and hardworking.

With Best Regards,

**A.ATHIF SHAH,Chairman.**

**ABE Semiconductor Designs.**

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Inner Ring Road, Guindy, Chennai – 600032, India. Phone : +91 44 4065 2999

Web: [www.abegroups.com](http://www.abegroups.com)

ACKNOWLEDGEMENT

**A.D.M COLLEGE FOR WOMEN, (Autonomous)**

*(Nationally Accredited with "A" Grade By NAAC - 4<sup>th</sup> Cycle)*  
AFFILIATED TO BHARATHIDHASAN UNIVERSITY, THIRUCHIRAPALLI.

This is to certify that this dissertation entitled

**MULTIPLE MESSAGE PRESERVING FOR THE  
IDENTIFICATION OF MALWARES USING DEEP LEARNING**

is a Bonafide record of the project work done by

**MS. M.MAHIRA**


**Register No : 22PCS108**


**A.D.M College for Women (Autonomous), Nagapattinam**

**During the year 2023-2024**

*In partial fulfilment of the requirements for the award of the degree of*

**"MASTER OF COMPUTER SCIENCE"**

  
Mrs.G.LOKESHWARI, M.Sc., B.Ed., M.Phil.,  
Faculty Guide

  
Dr.S.THAIYAL SANYAKI, M.Sc., M.Phil., Ph.D.,  
Head of the Department

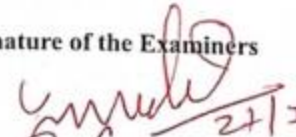
  
Signature of the Principal

Submitted for the A.D.M. College Vive Voce Examination held at  
A.D.M.COLLEGE FOR WOMEN (Autonomous), NAGAPATTINAM.

Place :Nagapattinam

Date : 27.03.2024

Signature of the Examiners

-   
27/3/24
-   
27/3/24



## ABE SEMICONDUCTOR DESIGNS, CHENNAI



ABE SEMICONDUCTOR DESIGNS  
INNOVATING SMART FUTURE

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### TO WHOMSOEVER IT MAY CONCERN

Date: 29/02/2024

This is to certify that Ms.Mahira M, M.Sc. Computer Science, **A.D.M. College for Women, Nagapattinam , Tamil Nadu**, has undergone for 3 months and worked on the project titled *“Multiple Message Preserving For the Identification of Malwares Using Deep Learning”* from January 2024 to March 2024. During her tenure, she was sincere, dedicated, and hardworking.

With Best Regards,

**A.ATHIF SHAH,Chairman.**  
**ABE Semiconductor Designs.**

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Inner Ring Road, Guindy, Chennai – 600032, India. Phone : +91 44 4065 2999

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**A.D.M COLLEGE FOR WOMEN, (Autonomous)**

*(Nationally Accredited with "A" Grade By NAAC - 4<sup>th</sup> Cycle)*  
AFFILIATED TO BHARATHIDHASAN UNIVERSITY, THIRUCHIRAPALLI.

This is to certify that this dissertation entitled

**"MUTUAL AUTHENTICATION SYSTEMS FOR THE EDGE-  
BASED IOT DEVICES"**

is a Bonafide record of the project work done by

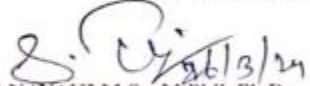
**Ms. M. PRATHIKSHA**

**Register No: 22PCS109**

**A.D.M College for Women (Autonomous), Nagapattinam  
During the year 2023-2024**

*In partial fulfilment of the requirements for the award of the degree of*

**"MASTER OF COMPUTER SCIENCE"**

  
Dr.S.THAIYALNAYAKI M.Sc.,M.Phil.,Ph.D.,

Faculty Guide

  
Dr.S.THAIYALNAYAKI M.Sc., M.Phil.,Ph.D.,

Head of the Department



  
Signature of the Principal

Submitted for the A.D.M. College Vive Voce Examination held at  
A.D.M.COLLEGE FOR WOMEN (Autonomous), NAGAPATTINAM.

Place : Nagapattinam

Date : 27.03.2024

Signature of the Examiners

1.  27/3/24
2.  27/3/24

## ABE SEMICONDUCTOR DESIGNS, CHENNAI



**TO WHOMSOEVER IT MAY CONCERN**

**Date: 29/02/2024**

This is to certify that Ms. Prathiksha M, M.Sc. Computer Science, A.D.M. College for Women, Nagapattinam , Tamil Nadu, has undergone for 3 months and worked on the project titled "*Mutual Authentication Systems for the Edge – Based IoT devices*" from January 2024 to March 2024. During her tenure, she was sincere, dedicated, and hardworking.

**With Best Regards,**

**A.ATHIF SHAH,Chairman.**

**ABE Semiconductor Designs.**

---

Level 5, North block, Tamarai Tech Park, S.P. Plot No.16-19 & 20-A, Thiru Vi Ka Industrial Estate,  
Inner Ring Road, Guindy, Chennai – 600032, India. Phone : +91 44 4065 2999  
Web: [www.abegroups.com](http://www.abegroups.com)

ACKNOWLEDGED

# A.D.M COLLEGE FOR WOMEN, (Autonomous)

(Nationally Accredited with "A" Grade By NAAC - 4<sup>th</sup> Cycle)  
AFFILIATED TO BHARATHIDHASAN UNIVERSITY, THIRUCHIRAPALLI.

This is to certify that this dissertation entitled  
**"AI BASED BATTERY MANAGEMENT SYSTEMS CONNECTED IN AN IOT  
ENVIRONMENT"**


is a Bonafide record of the project work done by

**Ms. M.SOWMIYA**

**Register No : 22PCS110**

**A.D.M College for Women (Autonomous), Nagapattinam  
During the year 2023-2024**

*In partial fulfilment of the requirements for the award of the degree of  
"MASTER OF COMPUTER SCIENCE"*

  
Dr. S. THAIYALNAYAKI, M.Sc., M.Phil., Ph.D.,  
Faculty Guide

  
Dr. S. THAIYALNAYAKI M.Sc., M.Phil., Ph.D.,  
Head of the Department

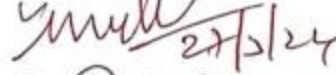

  
Signature of the Principal

Submitted for the A.D.M. College Vive Voce Examination held at  
A.D.M.COLLEGE FOR WOMEN (Autonomous), NAGAPATTINAM.

Place : Nagapattinam

Date : 27.05.2024

Signature of the Examiners

-   
27/5/24
-   
27/5/24

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## ABE SEMICONDUCTOR DESIGNS, CHENNAI



ABE SEMICONDUCTOR DESIGNS  
அபி-செமி-கண்டக்டர்-டிஸைன்ஸ்

---

**TO WHOMSOEVER IT MAY CONCERN**

**Date: 29/02/2024**

This is to certify that Ms. Sowmiya M, M.Sc. Computer Science, **A.D.M. College for Women, Nagapattinam , Tamil Nadu**, has undergone for 3 months and worked on the project titled *"AI based Battery Management Systems connected in an IoT environment"* from January 2024 to March 2024. During her tenure, she was sincere, dedicated, and hardworking.

With Best Regards,

**A.ATHIF SHAH, Chairman.**

**ABE Semiconductor Designs.**

---

Level 5, North block, Tamarai Tech Park, S.P. Plot No.16-19 & 20-A, Thiru Vi Ka Industrial Estate,  
Inner Ring Road, Guindy, Chennai – 600032, India. Phone : +91 44 4065 2999  
Web: [www.abegroups.com](http://www.abegroups.com)

**A.D.M College for Women (Autonomous), Nagapattinam**  
**PG & Research Department of Mathematics**  
**II M.Sc Mathematics**

**PROJECT DETAILS**

<b>NAME</b>	<b>REG. NO.</b>	<b>GUIDE NAME</b>	<b>PROJECT TITLE</b>
V. Geetha Lakshmi	22PSM001	R. Vanitha	A Study on the Chromatic Number of Graphs
M. Keerthana	22PSM002	P. Jamuna Devi	A Study on Hyper Graphs Visualisation and Theory
V. Kirubashini	22PSM003	N. Sarala	Some Application of Fibonacci Sequence
S. Agalya	22PSM004	G. Sudha	A Study on Fuzzy Network Optimization Techniques
J. Rathishree	22PSM005	P. Hameetha Begum	A Study on Mathematical Modelling Using Excel Sheets
B. Siva Sankari	22PSM006	M. Prabavathy	A Study on Spanning Tree and its Applications
P. Abitha	22PSM007	N. Sarala	A Study on Fuzzy Soft Digraph and its Applications
B. Lakshmi Deve	22PSM008	G. Sudha	A Study on Various Fuzzy Matrices Using Ranking Methods
M.S. Aishwarya	22PSM009	M. Prabavathy	A Study on Po-ternary Semirings
S. Maheswari	22PSM010	P. Jamuna Devi	A Study on Classes of Semi groups
B. Nandhinikumari	22PSM011	R. Vanitha	A Study on Analytic Number Theory
B. Menaka	22PSM012	G. Sudha	Connected Soft Graphs and its Applications
S.R.ShanmugaPreetha	22PSM013	M. Prabavathy	A Study on Ternary Semirings
B. Durga	22PSM014	G. Sudha	An Approach for Solving Fuzzy Transportation Problems Using Different Ranking Procedures
S. Swathi	22PSM016	P.HameethaBegum	A Study on Soft Groups
K. Sneka	22PSM017	P. Jamuna Devi	A Study on Super Vertex Graceful Graphs
B. Divya	22PSM018	M. Prabavathy	A Study on Dual Graphs and its Applications
A. Kalaivani	22PSM019	P. Hameetha Begum	Fuzzy Colouring of Fuzzy Graphs
S. Sabarmathi	22PSM020	R. Vanitha	A Study on Graph Colouring
R. Vinothini	22PSM022	P. Jamuna Devi	A Study on Graph Matrices
R. Swetha	22PSM023	P. Hameetha Begum	A Study on Application of Directed Graphs in Tournaments
S. Sangeetha	22PSM024	M. Prabavathy	A Study on Various Types of Magic Labelling of Graphs
K. Santhiya	22PSM025	N. Sarala	A Study on Regular Fuzzy Graphs

M. Mythili	22PSM026	N. Sarala	A Study on Soft Graph and its Applications
C. Kanageswari	22PSM027	R. Vanitha	A Study on Vertex Magic Total Labelling on Graphs
A. Pavithra	22PSM028	G. Sudha	An Intuitionistic Fuzzy Assignment Problem Using Various Ranking Techniques
S. Sangeetha	22PSM029	P. Hameetha Begum	A Study on Rhotrix Linear Transformation
V. Priyadarzhini	22PSM030	R. Vanitha	A Study on Hamiltonian Graphs
S. Sumaira Afiya	22PSM031	N. Sarala	A Study on Fuzzy Vector Space

## UG PROJECTS

### PG & RESEARCH DEPARTMENT OF CHEMISTRY

#### DETAILS FOR PG PROJECT -2023-24

S. No.	Name of the Student	Guide Name	Title of the Project	Name of the Company / Institute
1.	A.Sowjanya 22PSC101	Dr.N.Prabha	A Study On Kcl-Phpa-Polyol Polymer Mud System For Intermediate Phase 8 <sup>1/2</sup> Hole In The Development Well Kjdg	ONGC, Karaikal
2.	S.Swathi 22PSC102	Mrs.A.Rakini	A Study On Gel Polymer Mud System For The Intermediate Phase 12 <sup>1/4</sup> Hole In The Development Well Kjdg[For Intermediate Section]	ONGC, Karaikal
3.	S.Varshadevi 22PSC103	Dr.N.Prabha	Qualitative Tests For Phytochemical Analysis Of Aloe Vera Using Different Solvent	A.D.M College for Women (A). Nagapattinam
4.	A.Menaga 22PSC104	Dr.J.Bhuvana	Analysis of soil and water In and around Nagapattinam	A.D.M College for Women (A). Nagapattinam
5.	M.Sveha 22PSC105	Dr.S.Surya	Multicomponent synthesis spectral characterisation And antimicrobial activity Of 2,4-di(1h-indol-3yl)-2,3-Dihydro-1hbenzo[b][1,4] Diazepine	A.D.M College for Women (A). Nagapattinam
6.	M.Bhakyalakshmi 22PSC106	Mrs.A.Rakini	Analysis Of Soil And Water In And Around Poravachery [Nagapattinam]	A.D.M College for Women (A). Nagapattinam
7.	S.Harini 22PSC107	Dr.J.Bhuvana	Physico-chemical characterisation of produced water and performance of coagulant in conjunction With flocculant	ONGC, Karaikal



8.	S.Sneha 22PSC108	MRS.A.Rakini	Physico-chemical characterisation of crude oil produced at ramnadField	ONGC, Karaikal
9.	K.Snega 22PSC109	Dr.S.Surya	Physico-Chemical Characterisation Of Crude Oil And Comparison Of Distillation Performance	ONGC, Karaikal



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NERAVY COMPLEX, KARAIKAL-609 604  
Ph.No.04368-265034 Fax No.04368-238126

No.CA/KKL/HRD/Stu.Trg/147902/2023

Date:08.01.2024

To  
The Principal  
ADM College for Women  
Nagapattinam - 611001

Sub: Project/Internship at ONGC, Cauvery Asset, Karaikal

Sir,

Please refer your letter dated 23.11.2023 on the above subject. It is intimated that the Competent Authority has approved Project/Internship/Training in ONGC, Karaikal from **08.01.2024 to 22.01.2024** for the following student(s) who is/are studying M.Sc, Chemistry in your institution subject to the following terms and conditions:-

S.NO	NAME S/SHRI
1	A.SOWJENYA - 8667664182
2	S SWATHI - 7603981311
3	S HARINI - 8531963006
4	S SNEHA - 8608883415
5	K SNEGA - 7689240807

1. Training will be on working days and only during the office hours.
2. No boarding, lodging and conveyance shall be provided by ONGC.
3. No stipend/scholarship shall be paid to the students during the training.
4. No classified information shall be accessible to the students.
5. The information, so collected, shall be used, for academic purpose only and shall not be revealed to outsiders.
6. The students shall strictly adhere to the rules and regulations of ONGC and maintain confidentiality of the data, if any, collected.
7. All safety and other precautions should be strictly adhered to and in no case ONGC will be responsible for any liability whatsoever.

In the above said Project/Internship/Training, the Mentor is **Shri P. MATHIALAGAN, Chief General Manager ( Chemistry )**

The above student(s) may be directed to report to the Undersigned, with prior intimation and for further necessary action.

Regards,

C N SARAVANA KUMAR  
HR EXECUTIVE

Copy to:

1. Shri P. MATHIALAGAN, Chief General Manager  
ONGC Cauvery Asset, Karaikal.
2. In - Charge Security, ONGC Cauvery Asset, Karaikal.

सी.एन. सरवणकुमार / C.N SARAVANA KUMAR  
मानव संसाधन कार्यकर्ता / HR Executive  
ओएनजीसी, केरवी पेट्रोलियम कॉम्प्लेक्स, करािकाल  
ONGC, Cauvery Asset, Karaikal



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File No.CA/KKL/HRD/Stu.Trng/XX-33/2024

Date : 23.01.2024

**WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms SOWJENYA A,** a student of M.Sc.Chemistry, studying at A.D.M College For Womens has undergone Project at ONGC from 08.01.2024 to 22.01.2024. She has successfully completed her Project` work on 22.01.2024 in discipline of Chemistry. During the training, she took keen interest in the assigned work. We wish her all success in her academic endeavours and life.

(S.DHAKSHINAMURTHY)  
MANAGER (HR)-I/C HRD  
S. DHAKSHINAMURTHY  
MANAGER (HR) - I/C HRD  
ONGC, CAUVERY ASSET  
KARAİKAL - 609 604



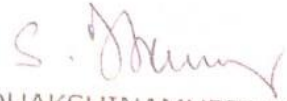
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Ph.No.04368-235086/235034

File No.CA/KKL/HRD/Stu.Trg/XX-34/2024

Date : 23.01.2024

**WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms SWATHI S,** a student of **M.Sc.Chemistry,** studying at **A.D.M College For Womens** has undergone Project at ONGC from **08.01.2024** to **22.01.2024.** She has successfully completed her Project` work on **22.01.2024** in discipline of **Chemistry.** During the training, she took keen interest in the assigned work. We wish her all success in her academic endeavours and life.

  
(S.DHAKSHINAMURTHY)  
MANAGER (HR)-I/C HRD

S. DHAKSHINAMURTHY  
MANAGER (HR)-I/C HRD  
ONGC, CAUVERY ASSET  
KARAIKAL - 609 604



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File No.CA/KKL/HRD/Stu.Trng/XX-35/2024

Date : 23.01.2024

**WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms HARINI S,** a student of **M.Sc.Chemistry,** studying at **A.D.M College For Womens** has undergone Project at ONGC from **08.01.2024** to **22.01.2024.** She has successfully completed her Project' work on **22.01.2024** in discipline of **Chemistry.** During the training, she took keen interest in the assigned work. We wish her all success in her academic endeavours and life.

(S.DHAKSHINAMURTHY)  
MANAGER (HR)-I/C HRD

S. DHAKSHINAMURTHY  
MANAGER (HR) - IC HRD  
ONGC, CAUVERY ASSET  
KARAIKAL - 609 604




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File No.CA/KKL/HRD/Stu.Trng/XX-36/2024

Date : 23.01.2024

**WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms SNEHA S**, a student of M.Sc.Chemistry, studying at A.D.M College For Womens has undergone Project at ONGC from 08.01.2024 to 22.01.2024. She has successfully completed her Project' work on 22.01.2024 in discipline of Chemistry. During the training, she took keen interest in the assigned work. We wish her all success in her academic endeavours and life.

  
(S.DHAKSHINAMURTHY)  
MANAGER (HR)-I/C HRD  
MANAGER (HR) - I/C HRD  
ONGC, CAUVERY ASSET  
KARAIKAL - 609 604



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Ph.No.04368-235086/235034

File No.CA/KKL/HRD/Stu.Trig/XX-37/2024

Date : 23.01.2024

**WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms SNEGA K**, a student of M.Sc.Chemistry, studying at A.D.M College For Womens has undergone Project at ONGC from 08.01.2024 to 22.01.2024. She has successfully completed her Project`work on 22.01.2024 in discipline of Chemistry. During the training, she took keen interest in the assigned work. We wish her all success in her academic endeavours and life.

  
(S.DHAKSHINAMURTHY)  
MANAGER (HR)-I/C HRD  
S. DHAKSHINAMURTHY  
MANAGER (HR) - I/C HRD  
ONGC, CAUVERY ASSET  
KARAIKAL - 609 604

**PG DEPARTMENT OF COMPUTER SCIENCE**  
**PG -INTERNSHIP PROGRAMME (2023-2024)**

- Resource Person** : Dr. Amruta Vishnu Lipare,  
Assistant Professor,  
Indian Institute of Information Technology (IIIT),  
Pune.
- Title of the Internship Programme** : Machine Learning
- Duration of the Programme** : 60 Hours
- Beneficiaries** : 08 Students (II M.Sc., Computer Science)
- Convener** : Dr.J.Umamaheswari,  
Dean of Computer Science,  
PG Department of Computer Science,  
A.D.M.College for Women (A), Nagapattinam.
- Head of the Department** : Dr.S.Thaiyalnayaki,  
Head & Assistant Professor of Computer Science,  
PG Department of Computer Science,  
A.D.M.College for Women(A),Nagapattinam.
- Coordinator** : 1. Mrs.K.Kavitha,  
Assistant Professor of Computer Science,  
PG Department of Computer Science,  
A.D.M.College for Women (A), Nagapattinam.
2. Mrs.G.Lokeshwari,  
Assistant Professor Computer Science,  
PG Department of Computer Science,  
A.D.M.College for Women (A), Nagapattinam.



**A.D.M COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM**  
**PG DEPARTMENT OF COMPUTER SCIENCE**  
**INTERNSHIP REPORT (2023-2024)**

In our Department II M.Sc, Computer Science underwent an Internship programme on “Machine Learning”. The Resource Person Dr. Amruta Vishnu Lipare, Assistant Professor, Indian Institute of Information Technology (IIIT), Pune. Totally 8 students were the beneficiaries of this programme in this academic year (2023-2024).

The Duration of the program was from 20.09.2023 to 22.11.2023. Dr.J.Umamaheswari, Convenor, Dr.S.Thaiyalnayaki, Head of the Department, Mrs. K. Kavitha, & Mrs. G. Lokeshwari, Assistant Professor of Computer Science, PG Department of Computer Science, A.D.M.College for Women(A),Nagapattinam has the Coordinator of the programme. The Internship programme is ended with the Valedictory function was conducted on 22.11.2023. Certificates were issued by the Principal of the College.

## II M.Sc., Computer Science (2023-2024)

### Student Name List with Title:

S.No.	Register No.	Name of the Student	Title
1.	22PCS101	S.Niha	Fake News Detection From Online Media Using Machine Learning Classifiers
2.	22PCS102	S.Sivaranjanai	Fake News Detection From Online Media Using Machine Learning Classifiers
3.	22PCS104	V.Punitha	Credit Card Customer Segmentation Using Clustering
4.	22PCS105	A.Anusha	Credit Card Customer Segmentation Using Clustering
5.	22PCS107	A.Suruthi	Credit Card Fraud Detection Using Machine Learning
6.	22PCS108	R.Bhuvaneswari	Credit Card Fraud Detection Using Machine Learning
7.	22PCS109	M.Mahira	Password Strength Classifier Using Machine Learning
8.	22PCS110	M.Sowmiya	Password Strength Classifier Using Machine Learning

## SYLLABUS

S.NO.	TOPIC
1.	<b>Data Pre-processing 1:</b> Write a program to perform various data pre- processing techniques in machine learning like Handling null values / missing values, perform one hot encoding and label encoding on data, perform features calling techniques like standardization, normalization etc.
2.	<b>Data Pre-processing 2:</b> Write a program to implement at least 3 encoding methods and display the output.
3.	<b>Linear Regression Implementation:</b> Write a program to Perform Linear Regression.
4.	<b>DECISION TREE Implementation:</b> Write a program to implement DECISION TREE algorithm.
5.	<b>K Nearest Neighbours Implementation:</b> Write a program To perform KNN-K Nearest Neighbours –Classification.
6.	<b>PCA Implementation:</b> Perform PCA on a dataset and calculate the accuracy on it
7.	<b>Naïve Bayes Implementation:</b> Perform Naïve Bayes Algorithm on a dataset and calculate the accuracy on it.
8.	<b>SVM implementation:</b> Perform Support Vector Machine Algorithm on a dataset and calculate the accuracy on it.
9.	<b>ANN implementation:</b> Perform Artificial Neural Network Algorithm on a dataset and calculate the accuracy on it.
10.	<b>K MEANS implementation:</b> Perform K-Means Algorithm on a dataset and calculate the accuracy on it.

### Schedule of Internship

S.No	Date	Time	Duration
1.	20.09.2023	3.00 pm to 5.00 pm	2 hrs
2.	21.09.2023	3.00 pm to 5.00 pm	2 hrs
3.	22.09.2023	3.00 pm to 5.00 pm	2 hrs
4.	23.09.2023	3.00 pm to 5.00 pm	2 hrs
5.	25.09.2023	3.00 pm to 5.00 pm	2 hrs
6.	26.09.2023	3.00 pm to 5.00 pm	3 hrs
7.	27.09.2023	3.00 pm to 5.00 pm	2 hrs
8.	29.09.2023	3.00 pm to 5.00 pm	2 hrs
9.	30.09.2023	3.00 pm to 5.00 pm	2 hrs
10.	02.10.2023	3.00 pm to 5.00 pm	2 hrs
11.	03.10.2023	3.00 pm to 5.00 pm	2 hrs
12.	04.10.2023	3.00 pm to 5.00 pm	2 hrs
13.	05.10.2023	3.00 pm to 5.00 pm	2 hrs
14.	06.10.2023	3.00 pm to 5.00 pm	2 hrs
15.	07.10.2023	3.00 pm to 5.00 pm	2 hrs
16.	11.10.2023	3.00 pm to 5.00 pm	2 hrs
17.	12.10.2023	3.00 pm to 5.00 pm	2 hrs
18.	13.10.2023	3.00 pm to 5.00 pm	2 hrs
19.	14.10.2023	3.00 pm to 5.00 pm	2 hrs
20.	16.10.2023	3.00 pm to 5.00 pm	2 hrs
21.	18.10.2023	3.00 pm to 5.00 pm	2 hrs
22.	21.10.2023	3.00 pm to 5.00 pm	2 hrs
23.	25.10.2023	3.00 pm to 5.00 pm	2 hrs
24.	26.10.2023	3.00 pm to 5.00 pm	2 hrs
25.	27.10.2023	3.00 pm to 5.00 pm	2 hrs
26.	28.10.2023	3.00 pm to 5.00 pm	2 hrs
27.	17.11.2023	10.00 am to 12.00 pm	2 hrs
28.	18.11.2023	10.00 am to 12.00 pm	2 hrs
29.	21.11.2023	10.00 am to 12.00 pm	2 hrs
30.	22.11.2023	10.00 am to 12.00 pm	2 hrs

## CERTIFICATES



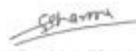
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Dr. Amruta Vishnu Lipare  
Internship Supervisor  
IIIT Pune

  
Dr. Amruta Vishnu Lipare  
Coordinator- Internship Programme  
IIIT Pune

  
Dr. Sanjeev Sharma  
HoD, CSE  
IIIT Pune




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Dr. Amruta Vishnu Lipare  
Internship Supervisor  
IIIT Pune

  
Dr. Amruta Vishnu Lipare  
Coordinator- Internship Programme  
IIIT Pune

  
Dr. Sanjeev Sharma  
HoD, CSE  
IIIT Pune




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Indian Institute of Information Technology Pune  
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Pune, Maharashtra, India

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Dr. Amruta Vishnu Lipare  
Internship Supervisor  
IIIT Pune

  
Dr. Amruta Vishnu Lipare  
Coordinator- Internship Programme  
IIIT Pune

  
Dr. Sanjeev Sharma  
HoD, CSE  
IIIT Pune



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Dr. Amruta Vishnu Lipare  
Internship Supervisor  
IIIT Pune

  
Dr. Amruta Vishnu Lipare  
Coordinator- Internship Programme  
IIIT Pune

  
Dr. Sanjeev Sharma  
HoD, CSE  
IIIT Pune



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Internship Supervisor  
IIT Pune

  
Dr. Amruta Vishnu Lipare  
Coordinator- Internship Programme  
IIT Pune

  
Dr. Sanjeev Sharma  
HoD, CSE  
IIT Pune



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Dr. Amruta Vishnu Lipare  
Internship Supervisor  
IIT Pune

  
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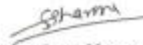
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Dr. Amruta Vishnu Lipare  
Internship Supervisor  
IIIT Pune

  
Dr. Amruta Vishnu Lipare  
Coordinator- Internship Programme  
IIIT Pune

  
Dr. Sanjeev Sharma  
HoD, CSE  
IIIT Pune



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Dr. Amruta Vishnu Lipare  
Internship Supervisor  
IIIT Pune

  
Dr. Amruta Vishnu Lipare  
Coordinator- Internship Programme  
IIIT Pune

  
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HoD, CSE  
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**PG DEPARTMENT OF COMPUTER SCIENCE**

**PROJECT DETAILS**

**2023-2024**

**INDEX**

<b>S.No.</b>	<b>BATCH</b>	<b>PROGRAMME</b>	<b>NUMBER OF STUDENTS</b>
1.	2021-2024	B.Sc., Computer Science	35
2.	2021-2024	B.C.A	09
3.	2022-2024	M.Sc., Computer Science	10

**PG DEPARTMENT OF COMPUTER SCIENCE**

**UG PROJECT TITLE**

**B.Sc., COMPUTER SCIENCE (2021-2024)**

<b>S.NO</b>	<b>REG.NO</b>	<b>NAME OF THE STUDENT</b>	<b>PROJECT TITLE</b>	<b>GUIDE NAME</b>
1.	21UCS101	B.Sharmila	Heart disease prediction using hybrid learning for multimodal ECG dataset	Mrs.K.Kavitha, M.Sc., M.Phil.,B.Ed.,
2.	21UCS102	I.Balavinodhini	Robotic Activity detection using vector learning models	Mrs.G.Lokeshwari, M.Sc.,B.Ed.M.Phil.
3.	21UCS103	S.FarijaFarjana	Robotic Activity detection using vector learning models	Mrs.G.Lokeshwari, M.Sc.,B.Ed.M.Phil.
4.	21UCS104	S.Dhanusree	Multi modal learning models for predicting influence nodes in social network	Mrs.K.Kavitha, M.Sc., M.Phil., B.Ed.,
5.	21UCS105	J. Vinotha	Chronic Kidney Detection using Different Learning models	Dr.S.Thaiyalnayaki M.Sc.,M.Phil.,Ph.D.,
6.	21UCS107	S.Naeem Fathima	Design and development of hybrid learning models for cloud security attacks	Dr.S.Thaiyalnayaki, M.Sc.,M.Phil.,Ph.D.,
7.	21UCS108	S.Leshmajose	Calamity detection using bio inspired using hyper spectral images	Dr.S.Thaiyalnayaki, M.Sc.,M.Phil.,Ph.D.,

8.	21UCS109	S.Madhumitha	Robotic Activity detection using vector learning models	Mrs.G.Lokeshwari, M.Sc.,B.Ed.M.Phil.
9.	21UCS110	S.Muthulaksmi	Design of chaotic system for private preserving healthcare data	Mrs.K.Kavitha, M.Sc., M.Phil.,B.Ed.,
10.	21UCS111	M. Ayesha Sithika	Intelligent feedback system using facial recognition system	Mrs.G.Lokeshwari, M.Sc.,B.Ed.M.Phil.
11.	21UCS112	A.Girija	Multi modal learning models for predicting influence nodes in social network	Mrs.K.Kavitha, M.Sc., M.Phil., B.Ed.,
12.	21UCS114	G.Nithyasree	Multi modal learning models for predicting influence nodes in social network	Mrs.K.Kavitha, M.Sc., M.Phil., B.Ed.,
13.	21UCS115	M. Manthra	Design and development of hybrid learning models for cloud security attacks	Dr.S.Thaiyalnayaki, M.Sc.,M.Phil.,Ph.D.,
14.	21UCS116	M.Nithisha	Image capturing system using hyper combined learning models	Mrs.K.Kavitha, M.Sc.,M.Phil.,B.Ed.,
15.	21UCS118	J.Jeyabharathi	Calamity detection using bio inspired using hyper spectral images	Dr.S.Thaiyalnayaki, M.Sc.,M.Phil.,Ph.D.,
16.	21UCS119	C.Sujitha	Image capturing system using hyper combined learning models	Mrs.K.Kavitha, M.Sc.,M.Phil.,B.Ed.,

17.	21UCS120	K. Nirosha	Design and development of hybrid learning models for cloud security attacks	Dr.S.Thaiyalnayaki, M.Sc.,M.Phil.,Ph.D.,
18.	21UCS121	S.Subiksha	Image capturing system using hyper combined learning models	Mrs.K.Kavitha, M.Sc.,M.Phil.,B.Ed.,
19.	21UCS122	S.Akshaya	Predictive preserving learning model for diabetic dataset	Mrs.G.Lokeshwari, M.Sc.,B.Ed.M.Phil.
20.	21UCS123	M.Sharmila Begam	Predictive preserving learning model for diabetic dataset	Mrs.G.Lokeshwari, M.Sc.,B.Ed.M.Phil.
21.	21UCS124	M.FathimaNajeeja	Predictive preserving learning model for diabetic dataset	Mrs.G.Lokeshwari, M.Sc.,B.Ed.M.Phil.
22.	21UCS125	A. Sivaranjani	Chronic Kidney Detection using Different Learning models	Dr.S.Thaiyalnayaki M.Sc.,M.Phil.,Ph.D.,
23.	21UCS126	A. Oviya	Chronic Kidney Detection using Different Learning models	Dr.S.Thaiyalnayaki M.Sc.,M.Phil.,Ph.D.,
24.	21UCS127	A.Brundha	Human activity detection using learning modal for the support of elderly care people	Dr.S.Thaiyalnayaki, M.Sc.,M.Phil.,Ph.D.,
25.	21UCS130	V. Manisha	Design of chaotic system for private preserving healthcare data	Mrs.K.Kavitha, M.Sc., M.Phil.,B.Ed.,

26.	21UCS131	J. FauzilHidhaya	Design of chaotic system for private preserving healthcare data	Mrs.K.Kavitha, M.Sc., M.Phil.,B.Ed.,
27.	21UCS132	S. Fajeela	Intelligent feedback system using facial recognition system	Mrs.G.Lokeshwari, M.Sc.,B.Ed.M.Phil.
28.	21UCS133	H. Thoufika	Intelligent feedback system using facial recognition system	Mrs.G.Lokeshwari, M.Sc.,B.Ed.M.Phil.
29.	21UCS136	M.Shehanaz Begam	Human activity detection using learning modal for the support of elderly care people	Dr.S.Thaiyalnayaki, M.Sc.,M.Phil.,Ph.D.,
30.	21UCS137	D.Madhumitha	Heart disease prediction using hybrid learning for multimodal ECG dataset	M rs.K.Kavitha, M.Sc., M.Phil.,B.Ed.,
31.	21UCS138	N.Safrin	Calamity detection using bio inspired using hyper spectral images	Dr.S.Thaiyalnayaki, M.Sc.,M.Phil.,Ph.D.,
32.	21UCS139	S. Gunanidhi	Human activity detection using learning modal for the support of elderly care people	Dr.S.Thaiyalnayaki, M.Sc.,M.Phil.,Ph.D.,
33.	21UCS140	S. Raja Rajeswari	Heart disease prediction using hybrid learning for multimodal ECG dataset	M rs.K.Kavitha, M.Sc., M.Phil.,B.Ed.,
34.	21UCS143	V. Iswariya	Design and development of Segmenting bio degradable and non - bio degradable waste in the airport system	Mrs.G.Lokeshwari, M.Sc.,B.Ed.M.Phil.
35.	21UCS144	M. Kayalvizhi	Design and development of Segmenting bio degradable and non - bio degradable waste in the airport system	Mrs.G.Lokeshwari, M.Sc.,B.Ed.M.Phil.

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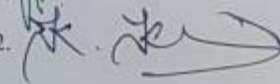
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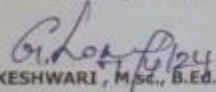
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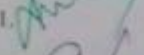
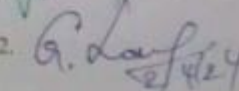
  
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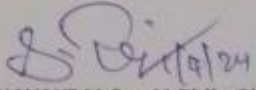
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*Faculty Guide*

  
**Dr. S.THAIYALNAYAKI M.Sc., M.Phil., Ph.D.,**

*Head of the Department*

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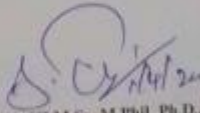
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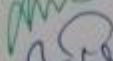
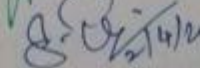
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Faculty Guide

  
Dr.S.THAIYALNAYAKI M.Sc.,M.Phil.,Ph.D.,  
Head of the Department

Place: *Nagapattinam*  
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**Ms. J.JEYA BHARATHI**


**REG.NO:21UCS118**

**Ms. N.SAFRIN**

**REG.NO:21UCS138**

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Dr. S. THAIYALNAYAKI M.Sc., M.Phil., Ph.D.,  
Faculty Guide

  
Dr. S. THAIYALNAYAKIM.Sc., M.Phil., Ph.D.,  
Head of the Department

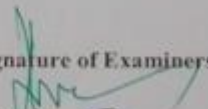
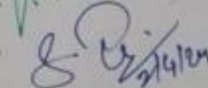
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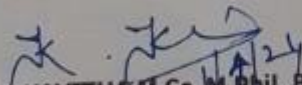
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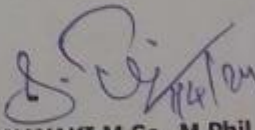
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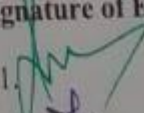
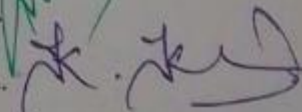
  
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Ms. H.THOUFIKA

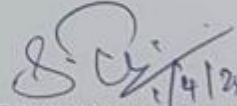
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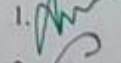
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*Head of the Department*

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1.   
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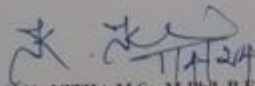
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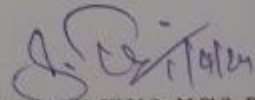
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**REG.NO:21UCS121**

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Mrs.K.KAVITHA M.Sc.,M.Phil.,B.Ed.,

*Faculty Guide*

  
Dr. S.THAIYALNAYAKI M.Sc.,M.Phil., Ph.D.,

*Head of the Department*

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Place: *Naga pattinam*

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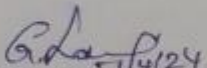
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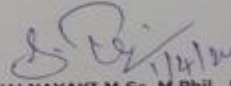
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**REG.NO:21UCS124**

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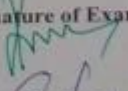
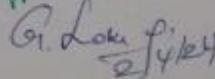
  
Dr.S.THAIYALNAYAKI M.Sc., M.Phil., Ph.D.,

*Head of the Department*

Place: NAGAPATTINAM

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- 
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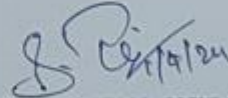
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<b>Ms. M.SHEHANAZ BEGAM</b>	<b>REG.NO:21UCS136</b>
<b>Ms. S.GUNANIDHI</b>	<b>REG.NO:21UCS139</b>

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Dr.S.THAIYALNAYAKI M.Sc.,M.Phil.,Ph.D.,  
Faculty Guide



Dr.S.THAIYALNAYAKI M.Sc.,M.Phil.,Ph.D.,  
Head of the Department

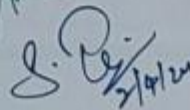
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	3.	21UCA106	K.Vishnupriya		
II	4.	21UCA102	S.Jothilakshmi	Plant Disease Identification From Drone Captured Image	Mrs.K.Devi M.Sc.,M.Phil.,
	5.	21UCA104	V.Prasannagandhi		
	6.	21UCA107	T.Sasimitha		
III	7.	21UCA105	S.Seetha	Design In Cognitive Intrusion Prediction In Metaverse Environment	Mrs.C.Geetha M.Sc.,M.Phil., B.Ed.,
	8.	21UCA109	M.Tharanya		
	9.	21UCA110	V.Rajasri		



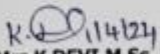
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course **Bachelor of Computer Applications.**, A.D.M. College for Women  
(A), Nagapattinam during the year 2023-2024.

  
Mrs.K.DEVI M.Sc. M.Phil.,

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Dr. S.THAIYALNAYAKI M.Sc., M.Phil., Ph.D.,

*Head of the Department*

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degree course **Bachelor of Computer Application.**, A.D.M. College  
for Women (A), Nagapattinam during the year 2023-2024.

  
Mrs.C.GEETHA, M.Sc., M.Phil., B.Ed.,

Faculty Guide

  
Dr. S.THAIYALNAYAKI M.Sc., M.Phil., PhD.,

Head of the Department

Place: NAGAPATTINAM

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1. 

2. 

ACKNOWLEDGEMENT

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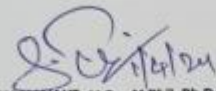
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Dr.S.THAIYALNAYAGI, M.Sc., M.Phil.,Ph.D.,


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Dr.S.THAIYALNAYAGI, M.Sc., M.Phil.,Ph.D.,

**Head of the Department**

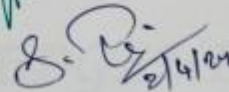
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**PG & Research Department of Mathematics**

**II B.Sc Mathematics – Group Projects list**

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1.	Dr.N.Sarala	21UM001	Subasri. L	A Study on Fibonacci Sequence in Nature and Human Body
2.		21UM009	Pragadeeshwari. A	
3.		21UM011	Rajeshwari. R	
4.		21UM035	Kalpana. M	
5.		21UM039	Aarthi. D	
6.	Mrs.R.Vanitha	21UM003	Swarnalakshmi. N	Mathematical Modelling on Metabolic Network and Gene Regulatory Network.
7.		21UM005	Devisri. A	
8.		21UM041	Dhiyana. D	
9.		21UM042	Ashika. K	
10.		21UM044	Mathura. M	
11.	Mrs.M.Prabavathy	21UM002	V.Ruvetha	Applications of Matrices in Real Life
12.		21UM004	G.Saideepika	
13.		21UM016	K.Kaneeswari	
14.		21UM025	S.Jeevika	
15.		21UM028	T.Gayathiri	
16.	Dr.G.Sudha	21UM008	S.Swetha	Statistical Survey of Rainfall In Cauvery Delta Zones of Tamilnadu
17.		21UM012	M.Anitha	
18.		21UM014	K.Harini	
19.		21UM022	K.Soundarya	
20.		21UM032	D.Kayathri	
21.	Mrs.P.Hameetha Begum	21UM006	K. Abirami	Mathematical Application on Environment Pollution
22.		21UM007	R. Bagyalakshmi	
23.		21UM010	V. K. Swathi	
24.		21UM018	R. Mathivathani	
25.		21UM019	S. Akalya	
26.		21UM021	K. J. Priyadharshini	
27.	Dr.P.Jamuna Devi	21UM013	D.Brintha	Mathematical Modeling on Representation and Solution of Various Diseases
28.		21UM017	K.Vasanthi	
29.		21UM024	D.Abinaya	
30.		21UM026	V.Oviya	
31.		21UM033	V.Piritha	
32.		21UM036	A.Neelaveni	
33.	Mrs.U.Elayarani	21UM020	G.Vinotha	Artificial Intelligence in Smart Agriculture
34.		21UM029	S.Kavipriya	
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41.		21UM034	K. Vinothini	
42.		21UM038	V. Gowri	

**A. D.M College for Women(Autonomous)**  
**APPLICATION OF MATRICES IN REAL LIFE**

**GROUP PROJECT**



*Submitted to*  
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*In partial fulfillment of the requirements for the award of Degree of*  
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*by*

Name V.RUVETHA	Reg. No 21UM002
Name G.SAIDEEPIKA	Reg. No 21UM004
Name K.KANESWARI	Reg. No 21UM016
Name S.JEEVIKA	Reg. No 21UM025
Name T.GAYATHIRI	Reg. No 21UM028

*Under the supervision of*  
**Mrs. M. PRABAVATHY, M.sc., M.Phil., SET.,**

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*Submitted by*

<b>Name V.RUVETHA</b>	<b>Reg. No 21UM002</b>
<b>Name G.SAIDEPIKA</b>	<b>Reg. No 21UM004</b>
<b>Name K.KANEESWARI</b>	<b>Reg. No 21UM016</b>
<b>Name S.JEEVIKA</b>	<b>Reg. No 21UM025</b>
<b>Name T.GAYATHIRI</b>	<b>Reg. No 21UM028</b>

*M. Prabhathy 12.04.2024*  
**INTERNAL EXAMINER**  
**Mrs. M. PRABAVATHY M.Sc., M.Phil.,**  
Assistant Professor of Mathematics  
A.D.M. College for Women (Autonomous)  
Nagapattinam - 611 001.

*A - p prasanna 27/4/24*  
**EXTERNAL EXAMINER**  
**Dr. A. PRASANNA**  
Assistant Professor in Mathematics  
Jamal Mohamed College  
Tiruchirappalli-620 020

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*Submitted by*

K. Abirami	Reg. No: 21UM006
R. Bagyalakshmi	Reg. No: 21UM007
V.K.Swathi	Reg. No: 21UM010
R. Mathivadhani	Reg. No: 21UM018
S. Akalya	Reg. No: 21UM019
K.J. Priyadharshini	Reg. No: 21UM021

  
INTERNAL EXAMINER

Mrs. P. HAMEETHA BEGUM M.Sc., M.Phil.,  
Assistant Professor of Mathematics,  
A.D.M. College for Women (Autonomous),  
Nagapattinam - 611001

  
EXTERNAL EXAMINER

**Dr. M. A. RIFAYATHALI**  
Assistant Professor of Mathematics  
Jamal Mohamed Collage (Autonomous)  
Tiruchirappalli-620 020

**DEPARTMENT OF MATHEMATICS**  
**A.D.M. COLLEGE FOR WOMEN**  
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(Affiliated to Bharathidasan University, Tiruchirappalli)

No.1, College Road, Velippalayam,

Nagapattinam - 611 001, Tamil Nadu, India.

Mrs.P.Hameetha Begum,  
Assistant Professor of Mathematics,  
A.D.M. College for Women (Autonomous),  
Nagapattinam.

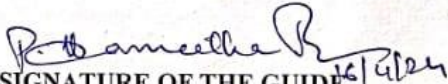
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SIGNATURE OF THE  
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Dr. (Mrs) **R. VANITHA**,  
M.Sc., M.Phil., B.Ed., Ph.D.,  
Associate Professor of Mathematics  
A.D.M. College For Women (Autonomous)  
Nagapattinam - 611 001.

  
SIGNATURE OF THE GUIDE

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Assistant Professor of Mathematics,  
A.D.M College for Women (Autonomous),  
Nagapattinam - 611001

  
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**STATISTICAL SURVEY OF RAINFALL IN CAUVERY  
DELTAZONE OF TAMILNADU**

**GROUP PROJECT**



*Submitted to*

**DEPARTMENT OF MATHEMATICS**

*In partial fulfilment of the requirements for the award of Degree of*

**BACHELOR OF SCIENCE IN MATHEMATICS**

*By*

<b>S.SWETHA</b>	<b>21UM008</b>
<b>M.ANITHA</b>	<b>21UM012</b>
<b>K.HARINI</b>	<b>21UM014</b>
<b>K.SOUNDARYA</b>	<b>21UM022</b>
<b>D.KAYADHRI</b>	<b>21UM032</b>

**Under the supervision of**

**DR.G. SUDHA M.Sc., M. phil., B.Ed., Ph.D.,  
Assistant Professor of Mathematics,**

**A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)**

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**STATISTICAL SURVEY OF RAINFALL IN CAUVERY DELTA  
ZONE OF TAMILNADU**

*In partial fulfilment of the requirements for the award of Degree of*  
**BACHELOR OF SCIENCE IN MATHEMATICS**

*Submitted by*

S.SWETHA	21UM008
M.ANITHA	21UM012
K.HARINI	21UM014
K.SOUNDARYA	21UM022
D.KAYADHRI	21UM032

  
INTERNAL EXAMINER

Dr. G. SUDHA,  
M.Sc., M.Phil., Ph.D.,  
Assistant Professor,  
PG & Research Dept of Mathematics,  
A.D.M. College for Women (Autonomous),  
Nagapattinam-611 001.

  
EXTERNAL EXAMINER

**Dr.M.A.RIFAYATHALI**  
Assistant Professor of Mathematics  
Jamal Mohamed College (Autonomous)  
Tiruchirappalli-620 020

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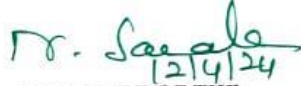
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Dr.G.Sudha M.Sc., M. phil., B.Ed., Ph.D.,  
Assistant Professor of Mathematics,  
A.D.M. College for Women(Autonomous),  
Nagapattinam.

Date: 12.04.2024

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Dr. G. SUDHA,  
M.Sc., M.Phil., B.Ed., Ph.D.  
Assistant Professor,  
PG & Research Dept. of Mathematics,  
A.D.M. College for Women(Autonomous)  
Nagapattinam-611 001.

Dr.(Mrs) N. SARALA, M.Sc., M.Phil., B.Ed., Ph.D.,  
Head / Associate Professor,  
PG And Resarch Department Of Mathematics,  
ADM College For Women (Autonomous),  
Nagapattinam - 611 001



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(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001, Tamil Nadu, India.



**A.D.M COLLEGE FOR WOMEN (AUTONOMOUS)**

**ARTIFICIAL INTELLIGENCE IN SMART AGRICULTURE**

**GROUP PROJECT**



**Submitted to**

**DEPARTMENT OF MATHEMATICS**

*In partial fulfillment of the requirements for the award of Degree of*

**BACHELOR OF SCIENCE IN MATHEMATICS**

*by*

<b>G.VINOTHA</b>	<b>21UM020</b>
<b>S.KAVIPRIYA</b>	<b>21UM029</b>
<b>R.SUJIDHA</b>	<b>21UM030</b>
<b>S.AMMU</b>	<b>21UM040</b>
<b>A.ANBARASI</b>	<b>15UM147</b>

*Under the supervision of*

**Mrs.U.ELAYARANI M.Sc., M.Phil.**  
**Assistant Professor of Mathematics,**  
**Department of Mathematics,**  
**A.D.M College for Women (Autonomous),**  
**Nagapattinam**

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**  
Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001, Tamil Nadu, India.  
**APRIL – 2024**

**A.D.M. College for Women (Autonomous)  
NAGAPATTINAM**

**ARTIFICIAL INTELLIGENCE IN SMART AGRICULTURE**

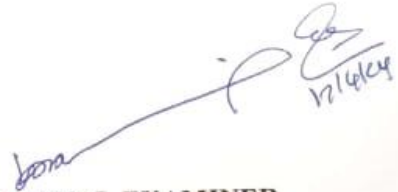
*In partial fulfillment of the requirements for the award of Degree*

**BACHELOR OF SCIENCE IN MATHEMATICS**

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<b>S.KAVIPRIYA</b>	<b>21UM029</b>
<b>R.SUJIDHA</b>	<b>21UM030</b>
<b>S.AMMU</b>	<b>21UM040</b>
<b>A.ANBARASI</b>	<b>15UM147</b>

  
**INTERNAL EXAMINER**

  
**EXTERNAL EXAMINER**  
**Dr. M.A. RIFAYATHALI**  
Assistant Professor of Mathematics  
Jamal Mohamed College  
Tiruchirappalli - 620 020

**DEPARTMENT OF MATHEMATICS**

**A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)**  
Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001, Tamil Nadu, India

Mrs.U.ELAYARANI M.Sc., M.Phil.,  
Assistant Professor of Mathematics,  
A.D.M College for Women (Autonomous )  
Nagapattinam.

Date: 15.04.2024


**CERTIFICATE**

This is to certify that this project work has done under my guidance and dissertation entitled "ARTIFICIAL INTELLIGENCE IN SMART AGRICULTURE" being submitted to A.D.M. College for Women(Autonomous), Nagapattinam by G.VINODHA, S.KAVIPRIYA, R.SUJIDHA, S.AMMU, A.ANBARASI in partial fulfillment of the requirements of UG DEGREE COURSE in mathematics for the Academic year 2023 – 2024 is the original work of the candidate.

  
SIGNATURE OF THE

HEAD OF THE DEPARTMENT

  
SIGNATURE OF THE GUIDE

  
SIGNATURE OF THE FORWARDING AUTHORITY  
THE PRINCIPAL



A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS)  
Nationally Accredited with "A" Grade by NAAC – 4<sup>th</sup> Cycle  
(Affiliated to Bharathidasan University, Tiruchirappalli)  
Nagapattinam – 611 001, Tamil Nadu, India.

**DEPARTMENT OF ZOOLOGY**

<b>S. NO</b>	<b>REG. No</b>	<b>NAME</b>	<b>Title of the Project</b>	<b>Guide Name</b>
1	21UZ002	M.Barija	Screening of bacterial colonization in <i>Scomberomorus guttatus</i> .	Dr.Madhuramozhi Govindarajalu
2	21UZ004	S.Subarna		
3	21UZ005	G.Amirthavarshini		
4	21UZ006	M.Pooja		
5	21UZ007	S.Ilakkiya		
6	21UZ008	K.Vaishnavi	Comparative study of bacterial population isolated from COVID19 infected and uninfected wound samples.	Dr.S.Angelina Glorita Parimala
7	21UZ009	R.Priyadharshini		
8	21UZ010	S.Suruthi		
9	21UZ011	S. Rajalakshmi		
10	21UZ012	V. Lathika		
11	21UZ013	S. Rasiga	Commercial cultivation strategy of <i>Pleurotus platypus</i> .	Dr.S.Krishnaveni
12	21UZ015	S. Jesiga		
13	21UZ016	K. Kowshika		
14	21UZ017	A. Afrafasila		
15	21UZ018	V. Akila		
16	21UZ019	M. Jayalakshmi	Biodegradation of pesticide using bacterial isolates collected from shrimp farming.	Dr.S.Vanitha
17	21UZ020	S. Ramadevi		
18	21UZ021	P. Divya		
19	21UZ023	G. Bairavi		
20	21UZ024	K. Priyadharshini		
21	21UZ025	K. Kalaiyarasi	Screening of mycological population in red snapper.	Dr.K.G.Selvi
22	21UZ026	M. Archana		
23	21UZ027	M. Anbarasi		

24	21UZ028	R. Mahadevi		
25	21UZ029	D. Priyadharshini		
26	21UZ030	C. Nithyasri	Studies on antibacterial activity against drug resistant bacteria.	Dr.T.Sumathi
27	21UZ031	S. Lisha		
28	21UZ033	K. Tharani		
29	21UZ034	J. Sivaranjani		
30	21UZ035	A. Sethupriya		
31	21UZ036	R. Praveena	Screening of bacterial population in slaughter house of Nagapattinam District.	Dr.M.Rajeswary
32	21UZ037	S. Parameshwari		
33	21UZ038	K. Mahalakshmi		
34	21UZ039	S. Reshmi		



# SCREENING OF BACTERIAL COLONIZATION IN

## *Scomberomorus guttatus*

*A Dissertation submitted to the*  
College for Women (Autonomous), Nagapattinam  
(affiliated to Bharathidasan University, Tiruchirapalli)  
in partial fulfillment of the requirement for the award of the degree of

### BACHELOR OF SCIENCE IN ZOOLOGY

*Submitted by*

**M.BARIJA, S.SUBARNA, G.AMIRTHAVARSHINI,  
M.POOJA & S.ILAKKIYA**

(Reg. No. 21UZ002, 21UZ004, 21UZ005,  
21UZ006, & 21UZ007)

Under the guidance of

**Dr. Madhuramozhi Govindarajalu M.Sc., M.Phil., Ph.D.,**



**PG and Research Department of Zoology  
A.D.M. College for Women (Autonomous),  
Nagapattinam – 611 101**

**APRIL - 2023**




**Dr. Madhuramozi Govindarajalu M.Sc., M.Phil., Ph.D.,**  
Head & Associate Professor  
PG and Research Department of Zoology  
A.D.M. College for Women (Autonomous),  
Nagapattinam - 611 101  
Tamilnadu, India

CERTIFICATE

This is to certify that dissertation entitled "Screening of bacterial colonization in *Scomberomorus guttatus*" submitted to A.D.M. College for Women (Autonomous), Nagapattinam, (Affiliated to Bharathidasan University, Tiruchirapalli) for the award of the degree of Bachelor of Science in Zoology, embodies the result of the bonafide project work carried out by Miss M.Barija, S.Subarna, G.Amirthavarshini, M.Pooja & S.Ilakkiya (Reg. No. 21UZ002, 21UZ004, 21UZ005, 21UZ006 & 21UZ007) under my guidance and supervision in the PG & Research Department of Zoology.

I further certify that no part of the project has been submitted anywhere else for the award of any degree, diploma, associated, fellowship or other similar titles to any candidate.

  
Signature of the HOD

  
Signature of the Guide  
Dr.(Mrs) Madhuramozi Govindarajalu  
M.Sc., M.Phil., Ph.D.,  
Head of the Department  
Associate Professor and Research Advisor  
P.G. and Research Department of Zoology  
A.D.M. College for Women (Autonomous)  
Nagapattinam - 611 001.

  
Signature of the Principal



**COMPARATIVE STUDY OF BACTERIAL  
POPULATION ISOLATED FROM COVID19 INFECTED  
AND UNINFECTED WOUND SAMPLES**

*A Dissertation submitted to the*  
**College for Women (Autonomous), Nagapattinam**  
(affiliated to Bharathidasan University, Tiruchirapalli)  
In partial fulfilment of the requirement for the award of the degree of

**BACHELOR OF SCIENCE IN ZOOLOGY**

*Submitted by*  
**K.VAISHNAVI, R.PRIYADHARSHINI, S.SURUTHI,  
S.RAJALAKSHMI & V.LATHIKA**

(Reg. No. 21UZ008, 21UZ009, 21UZ010,  
21UZ011 & 21UZ012)

Under the guidance of

**Dr. S. Angelina Glorita Parimala M.Sc., M.Phil., Ph.D.,**



**PG and Research Department of Zoology  
A.D.M. College for Women (Autonomous),  
Nagapattinam - 611 101**

**APRIL -2023**



Dr. S. Angelina Glorita Parimala M.Sc., M.Phil., Ph.D.,  
Associate Professor  
PG and Research Department of Zoology  
A.D.M. College for Women (Autonomous),  
Nagapattinam - 611 101  
Tamilnadu, India

CERTIFICATE

This is to certify that dissertation entitled "Comparative study of bacterial population isolated from COVID19 infected and uninfected wound samples" submitted to A.D.M. College for Women (Autonomous), Nagapattinam, (Affiliated to Bharathidasan University, Tiruchirapalli) for the award of the degree of Bachelor of Science in Zoology, embodies, the result of the bonafide project work carried out by Miss K.Vaishnavi, R.Priyadharshini, S.Suruthi, S.Rajalakshmi & V.Lathika (Reg. No. 21UZ008, 21UZ009, 21UZ010, 21UZ011 & 21UZ012), under my guidance and supervision in the PG & Research Department of Zoology.

I further certify that no part of the project has been submitted anywhere else for the award of any degree, diploma, associated, fellowship or other similar titles to any candidate.

  
Signature of the HOD

  
Signature of the Guide

Dr. S. ANGELINA GLORITA PARIMALA, M.Sc., M.Phil., Ph.D.,  
Research Advisor / Associate Professor  
PG & Research Department of Zoology  
A.D.M. College for Women (Autonomous)  
Nagapattinam - 611 001, Tamilnadu, India.

  
Signature of the Principal



# COMMERCIAL CULTIVATION STRATEGY OF

*Pleurotus platypus*

*A Dissertation submitted to the*  
A.D.M. College for Women (Autonomous), Nagapattinam  
(Affiliated to Bharathidasan University, Tiruchirapalli)  
In partial fulfilment of the requirement for the award of the degree of

## BACHELOR OF SCIENCE IN ZOOLOGY

*Submitted by*

S.RASHIGA, S.JESIGA, K.KOWSHIKA, A.AFRASFILA & V. AKILA

(Reg. No. 21UZ013, 21UZ015, 21UZ016, 21UZ017 & 21UZ018)

Under the guidance of

Dr. S. Krishnaveni M.Sc., M.Phil., B.Ed., BLIS., Ph.D.,



PG and Research Department of Zoology  
A.D.M. College for Women (Autonomous),  
Nagapattinam – 611 101

APRIL - 2023



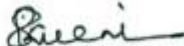
**Dr. S. Krishnaveni** M.Sc., M.Phil., B.Ed., BLIS., Ph.D.,  
Assistant Professor  
PG and Research Department of Zoology  
A.D.M. College for Women (Autonomous),  
Nagapattinam – 611 101  
Tamilnadu, India

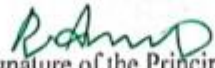
**CERTIFICATE**

This is to certify that dissertation entitled “**Commercial cultivation strategy of *Pleurotus platypus***” submitted to **A.D.M. College for Women (Autonomous), Nagapattinam**, (Affiliated to Bharathidasan University, Tiruchirapalli) for the award of the degree of **Bachelor of Science in Zoology**, embodies, the result of the bonafide project work carried out by **Miss S.Rashiga, S.Jesiga, K.Kowshika, A.Afrasila & V. Akila** (Reg. No. 21UZ013, 21UZ015, 21UZ016, 21UZ017 & 21UZ018) under my guidance and supervision in the PG & Research Department of Zoology.

I further certify that no part of the project has been submitted anywhere else for the award of any degree, diploma, associated, fellowship or other similar titles to any candidate.

  
Signature of the HOD

  
Signature of the Guide

  
Signature of the Principal

**Dr.S.KRISHNAVENI, M.Sc., M.Phil., B.Ed., BLIS., Ph.D.**  
Asst. Prof / Research Advisor - Stage-3  
PG & Research Dept. of Zoology  
A.D.M. College for Women (Autonomous)  
Nagapattinam - 611001, Tamil Nadu



**BIODEGRADATION OF PESTICIDE USING  
BACTERIAL ISOLATES COLLECTED FROM  
SHRIMP FARMING**

*A Dissertation submitted to the*  
**A.D.M. College for Women (Autonomous), Nagapattinam**  
(Affiliated to Bharathidasan University, Tiruchirapalli)  
In partial fulfilment of the requirement for the award of the degree of

**BACHELOR OF SCIENCE IN ZOOLOGY**

*Submitted by*  
**M.JAYALAKSHMI, S.RAMADEVI, P.DIVYA,  
G.BAIRAVI & K.PRIYADHARSHINI**  
(Reg. No. 21UZ019, 21UZ020, 21UZ021, 21UZ023 & 21UZ024)

Under the guidance of

**Dr. S. VANITHA M.Sc., M.Phil., Ph.D., DCA.,**



**PG and Research Department of Zoology**  
**A.D.M. College for Women (Autonomous),**  
**Nagapattinam – 611 101**

**APRIL – 2023**



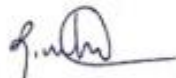
**Dr. S. VANITHA M.Sc., M.Phil., Ph.D., DCA.,**  
Assistant professor,  
PG & Research Department of Zoology,  
A.D.M.College for women (Autonomous),  
Nagapattinam - 611 101  
Tamilnadu. India.

**CERTIFICATE**

This is to certify that dissertation entitled "**Biodegradation of pesticide using bacterial isolates collected from shrimp farming**" submitted to **A.D.M. College for Women (Autonomous), Nagapattinam, (Affiliated to Bharathidasan University, Tiruchirapalli)** for the award of the degree of **Bachelor of Science in Zoology**, embodies, the result of the bonafide project work carried out by **Miss M.Jayalakshmi, S.Ramadevi, P.Divya, G.Bairavi & K.Priyadharshini** (Reg. No. 21UZ019, 21UZ020, 21UZ021, 21UZ023 & 21UZ024) under my guidance and supervision in the PG & Research Department of Zoology.

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Signature of the Guide

  
Signature of the Principal





**SCREENING OF MYCOLOGICAL POPULATION IN  
RED SNAPPER**

*A Dissertation submitted to the*  
A.D.M. College for Women (Autonomous), Nagapattinam  
(Affiliated to Bharathidasan University, Tiruchirapalli)  
In partial fulfilment of the requirement for the award of the degree of

**BACHELOR OF SCIENCE IN ZOOLOGY**

*Submitted by*

**K.KALAIYARASI, M.ARCHANA, M.ANBARASI, R.MAHADEVI &  
D.PRIYADHARSHINI**

**(Reg. No. 21UZ025, 21UZ026, 21UZ027, 21UZ028 & 21UZ029)**

Under the guidance of

**Dr. K.G. SELVI M.Sc., M.Phil., Ph.D.,**



**PG and Research Department of Zoology  
A.D.M. College for Women (Autonomous),  
Nagapattinam – 611 101**

**APRIL - 2023**




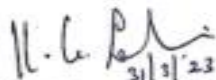
**Dr. K.G. SELVI** M.Sc., M.Phil., Ph.D.,  
Assistant Professor  
PG and Research Department of Zoology  
A.D.M. College for Women (Autonomous),  
Nagapattinam - 611 101  
Tamilnadu, India

**CERTIFICATE**

This is to certify that dissertation entitled "Screening of mycological population in red snapper" submitted to A.D.M. College for Women (Autonomous), Nagapattinam, (Affiliated to Bharathidasan University, Tiruchirappalli) for the award of the degree of Bachelor of Science in Zoology, embodies, the result of the bonafide project work carried out by Miss K.Kalaiyarasi, M.Archana, M.Anbarasi, R.Mahadevi & D.Priyadharshini (Reg. No. 21UZ025, 21UZ026, 21UZ027, 21UZ028 & 21UZ029) under my guidance and supervision in the PG & Research Department of Zoology.

I further certify that no part of the project has been submitted anywhere else for the award of any degree, diploma, associated, fellowship or other similar titles to any candidate.

  
Signature of the HOD

  
Signature of the Guide

  
Signature of the Principal



**STUDIES ON ANTIBACTERIAL ACTIVITY AGAINST  
DRUG RESISTANT BACTERIA**

*A Dissertation submitted to the*  
**A.D.M. College for Women (Autonomous), Nagapattinam**  
(Affiliated to Bharathidasan University, Tiruchirapalli)  
In partial fulfilment of the requirement for the award of the degree of

**BACHELOR OF SCIENCE IN ZOOLOGY**

*Submitted by*  
**C.NITHYASRI, S.LISHA, K.THARANI, J.SIVARANJANI &  
A.SETHUPRIYA**

**(Reg. No. 21UZ030, 21UZ031, 21UZ033, 21UZ034 & 21UZ035)**

Under the guidance of

**Dr. T. SUMATHI M.Sc., M.Phil., Ph.D.,**



**PG and Research Department of Zoology  
A.D.M. College for Women (Autonomous),  
Nagapattinam - 611 101**

**APRIL - 2023**




**Dr. T. SUMATHI M.Sc., M.Phil., Ph.D.,**  
Assistant professor,  
PG & Research Department of Zoology,  
A.D.M.College for women (Autonomous),  
Nagapattinam - 611 101  
Tamilnadu, India.

**CERTIFICATE**

This is to certify that dissertation entitled "**Studies on antibacterial activity against drug resistant bacteria**" submitted to **A.D.M. College for Women (Autonomous), Nagapattinam, (Affiliated to Bharathidasan University, Tiruchirapalli)** for the award of the degree of **Bachelor of Science in Zoology**, embodies, the result of the bonafide project work carried out by **Miss C.Nithyasri, S.Lisha, K.Tharani, J.Sivaranjani & A.Sethupriya (Reg. No. 21UZ030, 21UZ031, 21UZ033, 21UZ034 & 21UZ035)** under my guidance and supervision in the PG & Research Department of Zoology.

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**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)**

**NAGAPATTINAM**

**DEPARTMENT OF GEOLOGY**

**STUDENTS PROJECT DETAILS 2023-2024**

**A.D.M COLLEGE FOR WOMEN (AUTONOMOUS)  
NAGAPATTINAM  
DEPARTMENT OF GEOLOGY  
B.SC III PROJECT LIST-2023-2024**

S.NO	REG.NO	NAME	CLASS	PROJECT TYPE	TITLE OF THE PROJECT
1	21UG102	T.SELVANAYAGI	III	Group	GROUNDWATER QUALITY ASSESSMENT OF NAGAPATTINAM AND MAYILADUTHURAI DISTRICT, TAMILNADU, EAST COAST OF INDIA
2	21UG103	P.MEERA JASMIN	III		

UNDER THE SUPERVISION OF –Ms.R.AKSHAYA M.Sc.,  
Assistant Professor of Geology

**GROUNDWATER QUALITY ASSESSMENT OF  
NAGAPATTINAM AND MAYILADUTHURAI DISTRICT,  
TAMIL NADU, EAST COAST OF INDIA**

**GROUP PROJECT**



Submitted in partial fulfillment  
of the requirement for the award of degree of

**BACHELOR OF SCIENCE  
IN  
GEOLOGY**

Submitted by

**T.SELVANAYAGI                      21UG102  
P.MEERA JASMIN                    21UG103**

Under the Supervision of

**Ms.R.AKSHAYA M.Sc.,  
Assistant Professor of Geology**

**A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)  
(Nationally Re-Accredited with "A" Grade by NAAC – 3<sup>rd</sup> Cycle)  
(Affiliated to Bharathidasan University, Tiruchirapalli)  
No.1, College Road, Vellippalayam,  
Nagapattinam – 611001,  
Tamil Nadu, India**

**APRIL – 2023**

A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)  
(Nationally Re-accredited with 'A' Grade by NAAC- 3rd Cycle)  
NAGAPATTINAM-611 001

GROUNDWATER QUALITY ASSESSMENT OF  
NAGAPATTINAM AND MAYILADUTHURAI DISTRICT,  
TAMIL NADU, EAST COAST OF INDIA

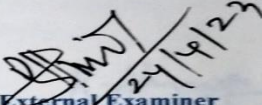
In partial fulfillment of the requirement of the award of Degree of

**BACHELOR OF SCIENCE IN GEOLOGY**

Submitted by

T.SELVANAYAGI 21UG102  
P.MEERA JASMIN 21UG103

R. Akram  
Internal Examiner 24/4/23

  
External Examiner

Dr. B. RAVINDRAN, Ph.D.  
Assistant Professor of Physics  
Thiru. Vi. Ka. Govt., Arts College  
Tiruvarur - 610 003.

DEPARTMENT OF GEOLOGY

A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)  
(Nationally Re-Accredited with "A" Grade by NAAC – 3<sup>rd</sup> Cycle)  
(Affiliated to Bharathidasan University, Tiruchirapalli)  
No.1, College Road, Vellippalayam,  
Nagapattinam – 611001,  
Tamil Nadu, India.



A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)  
(Re-Accredited with "A" Grade by NAAC – 3<sup>rd</sup> Cycle)  
(Affiliated to Bharathidasan University, Tiruchirapalli)  
No.1, College Road, Vellippalayam,  
Nagapattinam – 611001.



### CERTIFICATE

This is to certify that this mini project work has done under my guidance and the mini project entitled "**GROUNDWATER QUALITY ASSESSMENT OF NAGAPATTINAM AND MAYILADUTHURAI DISTRICT, TAMIL NADU, EAST COAST OF INDIA**" being submitted to A.D.M. College for Women (Autonomous), Nagapattinam by **Ms. T. SELVANAYAGI (21UG102) & Ms. P. MEERA JASMIN (21UG103)** in partial fulfillment of the requirements of UG Degree course in GEOLOGY during the academic year 2022-2023 is the original work of the Candidates.

*R. Akhaya*  
HEAD OF THE DEPARTMENT

*R. Akhaya*  
SUPERVISOR

*R. Akhaya*  
SIGNATURE OF THE FORWARDING AUTHORITY  
THE PRINCIPAL

  
A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)  
(Nationally Re-Accredited with "A" Grade by NAAC – 3<sup>rd</sup> Cycle)  
(Affiliated to Bharathidasan University, Tiruchirapalli)  
No.1, College Road, Vellippalayam,  
Nagapattinam – 611001,  
Tamil Nadu, India.