

A.D.M. COLLEGE FOR WOMEN

(Autonomous)

Affiliated to Bharathidasan University
(Nationally Accredited with "A" Grade by NAAC – 3rd Cycle)

NAGAPATTINAM 611 001.



FIELD PROJECTS, ADDITIONAL MINOR PROJECTS

2021-2022





A.D.M College For Women (Autonomous) Nationally Accredited with 'A' Grade by NAAC (Cycle- III)

Nagapattinam - 611 001 Tamil Nadu.



PG & RESEARCH DEPARTMENT OF ECONOMICS II MA ECONOMICS - PROJECT

2021-2022

S.No	Reg. No	Name of the Student	Title of the Project	Name of the Guide
1.	200AE005	S. Kowsalya	A Study on the Functions of District industries centre in Nagapattinam District	Dr.S.Rajeshwari
2.	200AE006	S. Rajeswari	A Study on Socio Economic Conditions in orathur village at Nagapattinam District	Dr.V.Viji
3.	200AE007	K. Karthika	A Study on the socio Economic conditions for fishermen in Nagapattinam	Mrs.P.Kavitha
4.	200AE002	S. Tamizhselvi	A Study on Among Educated Women In Nagapattinam	Mrs.D.Savithiri
5.	200AE004	J. Lavanya	A study m District on the primary agriculture in Keelaiyur Nagapattinam	Dr.R.Kasthuri

S.No	Reg. No	Name of the Student	Title of the Project	Name of the Guide
6.	200AE008	N. Gayathri	A Study on the functions of Government Hospital in Nagapattinam	Dr.R.L.Poonguzhali
7.	200AE003	V. Saranya	A Study on the Functions of District industries centre in Nagapattinam District	Dr.P.Sujatha
8.	200AE010	P. Renuka	A Study on Socio Economic Conditions in orathur village at Nagapattinam District	Dr.S.Usha Rani

A STUDY ON THE FUNCTIONS OF DISTRICT INDUSTRIES CENTREIN NAGAPATTINAM DISTRICT

Dissertation submitted to the

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

Nagapattinam-611 001

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

MASTER OF ARTS IN ECONOMICS



Submitted by Mrs. S.KOWSALYA (Reg No:20PAE005)

Under the Supervision of

Dr. S.RAJESHWARI, M.A., M.Phil., B.Ed., Ph.D HOD / Associate Professor of Economics

PG AND RESEARCH DEPARTMENT OF ECONOMICS

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

VELIPPALAYAM-NAGAPATTINAM - 611 001

Affiliated To Bharathidasan University
Thiruchirappalli

MAY - 2022

A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS) NAGAPATTINAM – 611 001 PG AND RESEARCH DEPARTMENT OF ECONOMICS

NAME OF THE GUIDE: Dr.S.RAJESHWARI, M.A., M.Phil., B.Ed., Ph.D

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: HOD / Associate Professor of Economics

DATE

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CERTIFICATE

This is to certify that the dissertation entitled "A STUDY ON THE FUNCTIONS OF DISTRICT INDUSTRIES CENTRE IN NAGAPATTINAM DISTRICT" submitted to A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM in partial fulfillment of the requirements of the award of the degree of MASTER OF ARTS IN ECONOMICS is a record of original research work done by Mrs. S.KOWSALA during the period 2021-2022 of the study in PG and Research Department of Economics, A.D.M. College for Women (Autonomous) Nagapattinam under my supervision guidance. This dissertation has not formed the basis for the award of any Degree/ Diploma / Associateship / Fellowship or similar title to any candidate of any other institution.

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Dr. S. RAJESWARI
Associate Professor & Head,
P.G. Department of Economics,
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SIGNATURE OF THE SUPERVISOR

A STUDY ON SOCIO-ECONOMIC CONDITIONS IN ORATHUR VILLAGE AT NAGAPATTINAM DISTRICT

Dissertation submitted to the
A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)

Nagapattinam-611 001

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

MASTER OF ARTS IN ECONOMICS



Submitted by SELVI. S.RAJESWARI (Reg No:20PAE006)

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PG AND RESEARCH DEPARTMENT OF ECONOMICS

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

VELIPPALAYAM-NAGAPATTINAM - 611 001

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A STUDY ON THE SOCIO ECONOMIC CONDITIONS FOR FISHERMEN IN NAGAPATTINAM

Dissertation submitted to the A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS) Nagapattinam-611 001

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

MASTER OF ARTS IN **ECONOMICS**



Submitted by SELVI. K.KARTHIKA (Reg. No:20PAE007)

Under the Supervision of

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PG AND RESEARCH DEPARTMENT OF ECONOMICS

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

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A STUDY ON PROBLEMS OF UNEMPLOMENT AMONG EDUCATED WOMEN IN NAGAPATTINAM

Dissertation submitted to the A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS) Nagapattinam-611 001

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

MASTER OF ARTS IN **ECONOMICS**



Submitted by SELVI. S.TAMIZHSELVI (Reg No:20PAE002)

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PG AND RESEARCH DEPARTMENT OF ECONOMICS

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

VELIPPALAYAM-NAGAPATTINAM - 611 001

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Dr. S. RAJESWARI
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A STUDY ON THE FUNCTIONS OF THE PRIMARY AGRICULTURAL IN CO – OPERATIVE BANK LTD., IN KEELAIYUR, NAGAPATTINAM DISTRICT

Dissertation submitted to the
A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)

Nagapattinam-611 001

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ABM Gellege for Women,
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A STUDY ON WOMEN'S SELF HELP GROUP-KURUNGAI IN VELIPPALAYAM AT NAGAPATTINAM

Dissertation submitted to the
A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)
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In partial fulfillment of the requirement for the award of Degree of

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PG AND RESEARCH DEPARTMENT OF ECONOMICS

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As a partners of Economics,
A College for Women,
NAGAPATTINAM.

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PRINCIPAL

A STUDY ON THE FUNCTIONS OF GOVERNMENT HOSPITAL IN NAGAPATTINAM

Dissertation submitted to the
A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)

Nagapattinam-611 001

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MASTER OF ARTS IN ECONOMICS



Submitted by SELVI. N.GAYATHRI (Reg No:20PAE008)

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PG AND RESEARCH DEPARTMENT OF ECONOMICS

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

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This is to certify that the dissertation entitled "A STUDY ON THE FUNCTIONS OF GOVERNMENT HOSPITAL IN NAGAPATTINAM" submitted to A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM in partial fulfillment of the requirements of the award of the degree of MASTER OF ARTS IN ECONOMICS is a record of original research work done by SELVI. N.GAYATHRI during the period 2021-2022 of the study in PG and Research Department of Economics, A.D.M. College for Women (Autonomous) Nagapattinam under my supervision guidance. This dissertation has not formed the basis for the award of any Degree/ Diploma / Associateship / Fellowship or similar title to any candidate of any other institution.

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P.G. Department of Economics. ADM College for Women, NAGAPATTINAM. SIGNATURE OF THE SUPERVISOR

SIGNATURE OF THE FORWARDING AUTHORITY

A STUDY ON THE SOCIO ECONOMIC CONDITIONS OF AGRICULTURAL LABOURS - A CASE STUDY OF THIRUPOONDI VILLAGE IN NAGAPATTINAM

A Project report submitted to
A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)
(Accredited with 'A' Grade by NAAC)
Nagapattinam-611 001

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

MASTER OF ARTS IN ECONOMICS

Submitted by

SELVI V.SARANYA (Reg No:20PAE003)

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PG & RESEARCH DEPARTMENT OF ECONOMICS

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

NAGAPATTINAM – 611 001

AFFILIATED TO BHARATHIDASAN UNIVERSITY

THIRUCIRAPALLI

MAY – 2022

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

(Accredited with 'A' Grade by NAAC) Nagapattinam-611 001

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DATE

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This is to certify that the dissertation entitled "A STUDY ON THE SOCIO ECONOMIC CONDITION OF AGRICULTURAL LABOURS - A CASE STUDY OF THIRUPOONDI VILLAGE IN NAGAPATTINAM" submitted to A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS) NAGAPATTINAM in partial fulfillment of the requirements of the award of the degree of MASTER OF ARTS IN ECONOMICS is a record of original research work done by SELVI. V. SARANYA during the period 2021-2022 of the study department of Economics, A.D.M. College for Women (Autonomous) Nagapattinam under my supervision guidance. This dissertation has not formed the basis for the award of any degree/ Diploma / Associateship / Fellowship or similar title to any candidate of any other institution.

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HETHORITY



A.D.M College For Women (Autonomous) Nationally Accredited with 'A' Grade by NAAC (Cycle- III)

Nagapattinam - 611 001 Tamil Nadu.



PG AND RESEARCH DEPARTMENT OF COMMERCE II M.COM. PROJECT DETAILS

2021 - 2022

S. No.	Reg. No	Name	Topic of the Project	Name of the Guide
1.	20PC001	K. Durga	A study on marketing of health drinks in Nagapattinam Town	Dr.R. Latha
2.	20PC002	S. Swetha	A study on job satisfaction of women teachers in self- financing colleges in Nagapattinam Town	Dr. P. Rajeswari
3.	20PC003	A.Murugeswari	A study on problems faced by married working women in Nagapattinam Town	Dr. P. Rajeswari
4.	20PC004	E. Lidiya Eva Mary	A study on customer attitude towards online marketing	Dr. N. K. Premavathi
5.	20PC005	R. Saranya	A study on customer satisfaction in Airtel Network in Nagapattinam Town	Dr. R. Latha

S. No.	Reg. No	Name	Topic of the Project	Name of the Guide
6.	20PC006	G.Mahalakshmi	A study on customer satisfaction towards TVS bikes in Nagapattinam Town	Dr. V. Renuga
7.	20PC007	K. Janani	A study on problems of unemployment among the educated women in Thiruvarur Town	Dr. R. Jamuna Devi
8.	20PC008	S.Sowndharya	A study on entrepreneurship development in Thiruvarur Town	Dr. R. Jamuna Devi
9.	20PC009	A . Hidaya Jareen	A study on customer satisfaction towards home loan schemes of ICICI Bank in Nagapattinam Town	Dr. N. K. Premavathi

S. No.	Reg. No	Name	Topic of the Project	Name of the Guide
10.	20PC011	M. Ashmin Hagera	A study on customer attitude towards mobile marketing in Nagapattinam Town	Dr. R. Krishnaveni
11.	20PC013	R. Vembu	A study on customer satisfaction towards Himalaya Herbal products in Nagapattinam Town	Dr. R. Krishnaveni
12.	20PC014	S. Swetha	A study on the opinion of dealers of Henkel products in Thiruvarur Town	Dr. N. Sampathlakshmi

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

Project Report Submitted to

A.D.M. COLLEGE FOR WOMEN, NAGAPATTINAM
(AUTONOMOUS)
(Nationally Accredited with 'A' Grade by NAAC – 3rd Cycle)

In partial fulfillment of the requirements for the award of

MASTER OF COMMERCE

Submitted by A. HIDAYA JAREEN Reg. No. 20PC009

Under the guidance of Dr. N.K. PREMAVATHI, M.Com., M.Phil., Ph.D., Associate Professor in Commerce



MAY - 2022 NAGAPATTINAM Dr. N.K. PREMAVATHI, M.Com., M.Phil., Ph.D., Associate Professor in Commerce PG and Research Department of Commerce ADM College for Women (Autonomous) Nagapattinam – 611001

Date: 27/05/2022

CERTIFICATE

This is to certify that the project report to entitled "A STUDY ON CUSTOMER SATISFACTION TOWARDS HOME LOAN SCHEME OF ICICI IN NAGAPATTINAM TOWN" A.D.M College for Women (Autonomous), Nagapattinam – 611001 in partial fulfilled of the requirement for the Award of the MASTER OF COMMERCE is a record of Original Project work by, A. HIDAYA JAREEN (20PC009) during the period 2021-2022in the Department of Commerce, A.D.M. College for Women, (Autonomous) Nagapattinam under by supervision and guidance.

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Dr. N. SAMPATHLAKSHMI, Ph.D., Associate Professor & HOD, PG & Research Department of Commerce, A.D.M. College for Women (Autonomous),

NAGAPATTINAM - 611 001.

FORWARDIN

SIGNATURE OF THE SUPERVISOR

Dr (Mrs.) N + P S N ACHT

A STUDY ON ATTITUDE TOWARDS MOBILE MARKETING IN NAGAPATTINAM TOWN

Project Report Submitted to

A.D.M. COLLEGE FOR WOMEN, NAGAPATTINAM (AUTONOMOUS)
(Nationally Accredited with 'A' Grade by NAAC – 3rd Cycle)

In partial fulfillment of the requirements for the award of

MASTER OF COMMERCE

Submitted by
M. ASHMIN HAGERA
Reg. No. 20PC011

Under the guidance of Dr. R.KRISHNAVENI, M.Com., M.Phil., Ph.D., Associate Professor in Commerce



POST GRADUATE AND RESEARCH DEPARTMENT OF COMMERCE

A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)
(Nationally Accredited with 'A' Grade by NAAC – 3rd Cycle)

NAGAPATTINAM - 611 001. MAY - 2022 Dr. R. Krishnaveni, M.Com., M.Phil., Ph.D.,

Associate professor in Commerce
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NAGAPATTINAM - 611 001.

SIGNATURE OF THE SUPERVISOR

Dr (the) State of the American

SIGNATURE OF THE FORWARDESE FOR THORITY

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

Project Report Submitted to

A.D.M. COLLEGE FOR WOMEN, NAGAPATTINAM (AUTONOMOUS)
(Nationally Accredited with 'A' Grade by NAAC – 3rd Cycle)

In partial fulfillment of the requirements for the award of

MASTER OF COMMERCE

Submitted by R.VEMBU Reg. No. 20PC013

Under the guidance of
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Associate Professor in Commerce



POST GRADUATE AND RESEARCH DEPARTMENT OF COMMERCE

A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)
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This is to certify that the project report to entitled "A STUDY ON CONSUMER SATISFACTION TOWARDS HIMALAYA HERBAL PRODUCTS IN NAGAPATTINAM TOWN" A.D.M College for Women (Autonomous), Nagapattinam — 611001 in partial fulfilled of the requirement for the Award of the MASTER OF COMMERCE is a record of Original Project work by R.VEMBU, (20PC013) during the period 2021-2022in the Department of Commerce, A.D.M. College for Women, (Autonomous) Nagapattinam under by supervision and guidance.

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Dr (L'IS.) R. KRISHNAVENI

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A STUDY ON THE OPINION OF DEALERS OF HENKEL PRODUCTS IN THIRUVARUR TOWN

Project Report Submitted to

A.D.M. COLLEGE FOR WOMEN, NAGAPATTINAM (AUTONOMOUS)
(Nationally Accredited with 'A' Grade by NAAC – 3rd Cycle)

In partial fulfillment of the requirements for the award of

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Submitted by S.SWETHA Reg. No. 20PC014

Under the guidance of Dr. N. SAMPATHLAKSHMI, M.Com., M.Phil., Ph.D Head of the Department in Commerce



POST GRADUATE AND RESEARCH DEPARTMENT OF COMMERCE

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Date :2110512022

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This is to certify that the project report to entitled "A STUDY ON THE OPINION OF THE DEALEARS OF HENKEL PRODUCTS IN THIRUVARUR TOWN" A.D.M College for Women (Autonomous), Nagapattinam - 611001 in partial fulfilled of the requirement for the Award of the MASTER OF COMMERCE is a record of Original Project work by S. SWETHA, (20PC014) during the period 2021-2022in the Department of Commerce, A.D.M. College for Women, (Autonomous) Nagapattinam under by supervision and guidance.

SIGNATURE OF THE HEAD OF THE DEPARTMENT

Dr. N. SAMPATHLAKSHMI, Ph.D., Associate Professor & HOD, PG & Research Department of Commerce, A.D.M. College for Women (Autonomous), NAGAPATTINAM - 611 001.

SIGNATURE OF THE SUPERVISOR

Dr. N. SAMPATHLAKSHMI, Ph.D., Associate Professor & HOD, PG & Research Department of Commerce, A.D.M. College for Women (Autonomous), SIGNATURE OF THE NA GAPATTINAM - 611 001.

FORWARDING AUTHORITY



A STUDY ON ENTREPRENEURSHIP DEVELOPMENT IN THIRUVARUR TOWN

Project Report Submitted to

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

(Nationally accredited with 'A' grade by NAAC- 3rd Cycle)
In partial fulfillment of the requirement for the award of the degree of

MASTER OF COMMERCE

Submitted by

S. SOWNDHARYA

Register No. 20PC008

Under the Supervision of

Dr. R. JAMUNA DEVI., M. Com., 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 - NAAC-3rd CYCLE)

NAGAPATTINAM

MAY 2022

Dr. R. JAMUNA DEVI M.com., M.Phil., Ph.D., Assistant Professor in Commerce PG & Research Department of Commerce A.D.M. College for Women (Autonomous) Nagapattinam – 611001

Date: 27 05.2022

CERTIFICATE

This is to certify that the project entitled "A STUDY ON ENTREPRENEURSHIP DEVELOPMENT IN THIRUVARUR TOWN" is submitted to A.D.M. College for Women (Autonomous), Nagapattinam in partial fulfillment of the requirements for the award of the MASTER OF COMMERCE is a record of original Project work done by S.SOWNDHARYA (20PC008) during the period (2021-2022) in the Department of Commerce, under my supervision and guidance.

SIGNATURE OF THE HEAD OF THE DEPARTMENT

SIGNATURE OF THE SUPERVISOR

Dr. N. SAMPATHLAKSHMI, Ph.D., Associate Professor & HOD, PG & Research Department of Commerce, 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 (Cycle- III)

Nagapattinam - 611 001 Tamil Nadu.



PG & RESEARCH DEPARTMENT OF MATHEMATICS II M.SC MATHEMATICS - PROJECT

2021 - 2022

S.No	Reg .No	Name of the students	Title of the Project	Name of the Guide
1.	20PSM002	R. Kaviya	A Study on Analogues between Pascal's arithmetic triangle & Leibniz's Harmonic Triangle	Mrs. P. Hameeth Begum
2.	20PSM003	BA. Atshaia	A case study of Transportation Problem	Mrs. P. Hameetha Begum
3.	20PSM005	H. Haseena	Algebraic Model Checking Boolean Gene Network	Dr. R. Vanitha
4.	20PSM006	N. Jayashri	A study on Modelling and simulation of high way traffic using a cellular automation approach	Dr. G. Sudha
5.	20PSM007	C. Santhi	A study on signed graphs and its apllications	Dr. N. Sarala

S.No	Reg .No	Name of the students	Title of the Project	Name of the Guide
6.	20PSM008	P. Prahathisha	A study on mathematical Modelling Over Complex Systems	Mrs. P. Hameetha Begum
7.	20PSM009	B.Rajarajeshwari	A Study on graph coloring and its Applications	Mrs. M. Prabavathy
8.	20PSM010	M. Akila	A Study on network optimization in Operation Research	Dr. R. Anbu selvi
9.	20PSM011	D. Atchaya	A Study on Balancing Numbers	Dr. R. Vanitha
10.	20PSM012	R. Vijayashri	Applications of Graphs theory in Operations Research	Dr. G. Sudha
11.	20PSM013	S. Abinaya	A Study on Gamma Semirings	Mrs. M. Prabavathy
12.	20PSM014	S. Sowndariya	A Study in various Applications of Graphs Theory	Dr. R. Anbu Selvi
13.	20PSM016	M. Pooja	A Study on triple connected domination number of a Graphs	Dr. R. Vanitha

S.No	Reg .No	Name of the students	Title of the Project	Name of the Guide
14.	20PSM017	V. Princy Reshma	A Study on C-algebras	Mrs. M. Prabavathy
15.	20PSM018	A. Sangeetha	A Study on fuzzy measure and its Applications	Dr. N. Sarala
16.	20PSM019	D. Rajeswari	A Study on Fuzzy Sequencing Problem using various Ranking Methods	Dr. G. Sudha
17.	20PSM020	M. Abinaya Sri	The use of Graph theory in Transportation	Dr. P. Jamuna Devi
18.	20PSM021	K. Bharathi	An Analysis of e learning during the covid 19 pandemic experienced by mathematical learners	Dr. N. Sarala
19.	20PSM022	D. Mahalakshmi	Mathematicl modelling on Vaccine Distribution for prevention of covid	Dr. P. Jamuna Devi
20.	20PSM023	J. Jayachitra	A study on signed graphs and its applications	Dr. N. Sarala

S.No	Reg .No	Name of the students	Title of the Project	Name of the Guide
21.	20PSM024	K. Monisha	A Study on some type of energy of graphs	Dr. R. Vanitha
22.	20PSM025	D. Sathiya	A study on Anti Homomorphism In Fuzzy Subgroup	Mrs. P. Hameetha Begum
23.	20PSM026	R.Bhuvaneshwari	A Study on fuzzy assignment Problem using various ranking methods	Dr.G.Sudha
24.	20PSM027	V.Kiruthika	A Study on Fixed Point theorem in g-metric space.	M.Prabhavahy
25.	20PSM029	A Sheeba Syril	Mathematical modeling for Environmental Problem	Dr.P.Jamunadevi
26.	20PSM030	S.Dhanalakshmi	Mathematical Modelling in Agriculture related problems	Dr.P.Jamunadevi
27.	20PSM031	T.Sushida	A Study on soft graphs	Dr.N.Sarala

PROBLEMS

DISSERTATION SUBMITTED

TO

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

In partial fulfillment of the requirements for the award of the Degree of Master of Science in Mathematics.



Submitted

by

Miss. A. SHEEBA SYRIL Register No.20PSM029

UNDER THE GUIDANCE OF

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

PG AND RESEARCH DEPARTMENT OF MATHEMATICS

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

ACCREDITED BY NAAC WITH 'A'GRADE (3rd CYCLE)

AFFILIATED TO BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI.

MAY-2022

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

MATHEMATICAL MODELING FOR ENVIRONMENTAL **PROBLEMS**

by

Miss. A. SHEEBA SYRIL

In partial fulfillment of the requirements for the award of the Degree of Master of Science in Mathematics.

NTERNAL EXAMINER

DI. THANGARAJ BEAULA

Associate Professor & Head, Research Advisor,

PG AND RESEARCH DEPARTMENT OF MATHEMATICS: of Mathematics, T.B.M.L. College, Porayar - 609 307.

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

ACCREDITED BY NAAC WITH 'A'GRADE (3rd CYCLE)

AFFILIATED TO BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI.

MAY-2022

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

CERTIFICATE

DATE: 27.05 -2022

This is to certify that this project work was done under my guidance and the Dissertation entitled "MATHEMATICAL MODELING FOR ENVIRONMENTAL PROBLEMS" being submitted to the A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM by Miss. A. SHEEBA SYRIL in partial fulfillment of MASTER OF SCIENCE IN MATHEMATICS for the academic year 2021-22 is the original work of the candidate.

SIGNATURE OF THE HEAD OF 2/2

THE DEPARTMENT

SIGNATURE OF THE

GUIDE

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

SIGNATURE OF THE FORWARDING AUTHORITY

THE PRIME 19

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

A STUDY ON ANALOGUES BETWEEN PASCAL'S ARITHMETIC TRIANGLE & LEIBNIZ'S HARMONIC TRIANGLE

DISSERTATION SUBMITTED

TO

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

In partial fulfillment of the requirements for the award of the Degree of Master of Science in Mathematics



BY

Miss. R. KAVIYA

Register No: 20PSM002

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

Nationally Accredited with 'A' Grade (3rd Cycle) by NAAC

NAGAPATTINAM

AFFILIATED TO BHARATHIDASAN UNIVERSITY

TIRUCHIRAPALLI

MAY - 2022

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

A STUDY ON ANALOGUES BETWEEN PASCAL'S ARITHMETIC TRIANGLE & LEIBNIZ'S HARMONIC TRIANGLE

In partial fulfillment of the requirements for the award of the

Degree of Master of Science in Mathematics

SUBMITTED

BY

Miss. R. KAVIYA

INTERNAL EXAMINER

Mrs.P. HAMEETHA BEGUM M.Sc., M.Phil., Assistant Professor of Mathematics, AD.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.

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

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MAY - 2022

Mrs. P. HAMEETHA BEGUM, M. Sc., M. Phil., SET.,

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This is to certify that this Project work has done under my guidance and dissertation entitled "A STUDY ON ANALOGUES BETWEEN LEIBNIZ'S TRIANGLE & ARITHMETIC PASCAL'S HARMONIC TRIANGLE" being submitted to A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM by Miss. R. KAVIYA in partial fulfillment of the requirements of P.G DEGREE COURSE in Mathematics for the academic year 2021-2022 is the original work of the Candidate.

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SARDING AUTHORITY SIGNATURE OF THE EGE

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

NAGAPATIINAM

A STUDY ON FUZZY SEQUENCING PROBLEM USING VARIOUS RANKING METHODS

DISSERTATION SUBMITTED

TO

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

In partial fulfillment of the requirements for the award of the Degree of Master of Science in Mathematics



BY

Miss. D. Rajeswari

Register No: 20PSM019

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

Nationally Accredited with 'A' Grade (3rdCycle) by NAAC

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AFFILIATED TO BHARATHIDASAN UNIVERSITY

TIRUCHIRAPALLI

MAY-2022

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

CERTIFICATE

DATE: 27. 05. 2022

This is to certify that this Project work has done under my guidance and dissertation entitled "ASTUDY ON FUZZY SEQUENCING PROBLEM USING VARIOUS RANKING METHODS" being submitted to A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM by Miss. D. RAJESWARI in partial fulfillment of the requirements of PG DEGREE COURSE in Mathematics for the academic year 2021-2022 is the original work of the Candidate.

SIGNATURE OF THE HEAD OF

M. Sarala

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SIGNATURE OF THE GUIDE

M.Sc. M. Philipsistant Professor,
Pessera Dept. of Mathematics Work and

SIGNATURE OF THE FORWARDING AUTHORITY

THE

A.D.M COLLEGE FOR WOMEN (AUTONOMOUS)

NAGAPATTINAM

A STUDY ON GRAPH COLORING AND ITS APPLICATIONS

DISSERTATION SUBMITTED

TO

A.D.M COLLEGE FOR WOMEN (AUTONOMOUS)

NAGAPATTINAM

In partial fulfillment of the requirement for the award of the

Degree of Master of Science in Mathematics



SUBMITTED

BY

Miss. B.RAJA RAJESHWARI

Register No.20PSM009

PG & RESEARCH DEPARTMENT OF MATHEMATICS

A.D.M COLLEGE FOR WOMEN (AUTONOMOUS)

NAGAPATTINAM

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THIRUCHIRAPALLI

A.D.M COLLEGE FOR WOMEN (AUTONOMOUS) NAGAPATTINAM A STUDY ON GRAPH COLORING AND ITS APPLICATIONS SUBMITTED

BY

Miss. B.RAJA RAJESHWARI

In partial fulfillment of the requirement for the award of the

Degree of Master of Science in Mathematics

INTERNAL EXAMINER

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

Nagapattinam - 6 ** ·

Thanaujkaule EXTERNAL EXAMINER

Dr. THANGARAJ BEAULA

Associate Professor & Head, Research Advisor G & Research Department of Maria

PG & Research Department of Mathematics, T.B.M.L. College, Porayar - 609 307.

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NATIONALLY RE-ACCREDITED WITH 'A' GRADE (3rd CYCLE) BY NAAC

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Nagapattinam.

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DATE: 27.05.2022

This is to certify that this project work has been done under my guidance and dissertation entitled " A STUDY ON GRAPH COLORING AND ITS APPLICATIONS" being submitted to A.D.M COLLEGE FOR WOMEN (AUTONOMOUS) NAGAPATTINAM by Miss. B.RAJA RAJESHWARI in partial fulfillment of MASTER OF SCIENCE IN MATHEMATICS for the academic year 2021-2022 is the original work of the candidate.

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SIGNATURE OF THE BOILD ARDING AUTHORITY

A.D.M COLLEGE FOR WOMEN (AUTONOMOUS)

NACAPATINAM

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

NAGAPATTINAM

In partial fulfilment of the requirement for the award of the Degree of Master of Science in Mathematics



SUBMITTED

BY

Miss. S.SOWNDARIYA

Register No: 20PSM014

PG & RESEARCH DEPARTMENT OF MATHEMATICS

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

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NATIONALLY ACCREDITED WITH 'A' GRADE (3rd CYCLE) BY NAAC

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

A STUDY ON VARIOUS APPLICATIONS OF GRAPH THEORY

SUBMITTED

BY

Miss. S.SOWNDARIYA

In partial fulfilment of the requirement for the award of the Degree of Master of Science in Mathematics

Dr. (Mrs) R. ANBUSELVI, M.Sc., M.Phil., Ph.D.,

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EXTERNAL EXAMINER Dr. THANGARAJ BEAULA

Associate Professor & Head, Rasearch Advisor,

A.D.M. Softene for Women (Autonomous) ARTMENT OF MATHEMATICS athematics Nagapattinam - 611 001.

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

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Dr.Mrs. R.ANBUSELVI, M.Sc., M.Phil., Ph.D.,

Principal (i/c)

Head and Associate Professor of Mathematics,

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Nagapattinam.

CERTFICATE

DATE: 27.05. 2022

This is to certify that this Project work has been done under my guidance and dissertation entitled "A STUDY ON VARIOUS APPLICATIONS OF GRAPH THEORY" being submitted to A.D.M.COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM by Miss. S. SOWNDARIYA in partial fulfilment of MASTER OF SCIENCE IN MATHEMATICS for the academic year 2021-2022 is the original work of the candidate.

SIGNATURE OF THE HEAD OF

THE DEPARTMENT

SIGNATURE OF THE

Dr. (Mrs) R. ANGUSELVI, M.Sc., M.Phil., Ph.D., Associate Professor / Head, PG & Research Department 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)

NAGAPATTINAM



A STUDY ON SOME TYPES OF ENERGY OF GRAPHS

DISSERTATION SUBMITTED

TO

A.D.M COLLEGE FOR WOMEN (AUTONOMOUS)

NAGAPATTINAM

In partial fulfillment of the requirement for the award of the Degree of Master of Science in Mathematics



SUBMITTED

BY

Miss.K.MONISHA

Register No: 20PSM024

UNDER THE GUIDENCE OF

Dr.(Mrs) R.VANITHA, M.Sc., M.Phil., B.Ed., Ph.D.

PG & RESEARCH DEPARTMENT OF MATHEMATICS

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

NATIONALLY ACCREDITED WITH 'A' GRADE (3rd CYCLE) BY NAAC

AFFILIATED TO BHARATHIDASAN UNIVERSITY

THIRUCHIRAPALLI

A STUDY ON SOME TYPES OF ENERGY OF GRAPHS

DISSERTATION SUBMITTED

TO

A.D.M COLLEGE FOR WOMEN (AUTONOMOUS)

NAGAPATTINAM

In partial fulfillment of the requirement for the award of the Degree of Master of Science in Mathematics



SUBMITTED

BY

Miss.K.MONISHA

Register No: 20PSM024

UNDER THE GUIDENCE OF

Dr.(Mrs) R.VANITHA, M.Sc., M.Phil., B.Ed., Ph.D.

PG & RESEARCH DEPARTMENT OF MATHEMATICS

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

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THIRUCHIRAPALLI

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

A STUDY ON NETWOK OPTIMIZATIONS IN

OPERATIONS RESEARCH

SUBMITTED

BY

Miss. M. AKILA

In partial fulfilment of the requirement for the award of the Degree of Master of Science in Mathematics

INTERNAL EXAMINER 6.6.12

Dr. (Mrs) R. ANBUSELVI, M.Sc., M.Phil., Ph.D.,

Associate Professor / Head,

PG & Research Department of Mathematics,

A.D.M. CONGRESORIOSENARCHEDES ARTMENT OF MATTEMATICS of Methematics, Nagapattinam - 611 001.

Associate Professor & Head,

Research Advisor.

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

NAGAPATTINAM

NATIONALLY ACCREDITED WITH 'A' GRADE (3rd CYCLE) BY NAAC
AFFILIATED TO BHARATHIDASAN UNIVERSITY

THIRUCHIRAPALLI

Dr.Mrs. R.ANBUSELVI, M.Sc., M.Phil., Ph.D.,

Principal (i/c)

Head and Associate Professor of Mathematics,

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

Nagapattinam.

CERTFICATE

DATE: 27.05.2022

This is to certify that this Project work has been done under my guidance and dissertation entitled "A STUDY ON NETWORK OPTIMIZATION IN OPERATIONS RESEARCH" being submitted to A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM by Miss. M. AKILA in partial fulfilment of MASTER OF SCIENCE IN MATHEMATICS for the academic year 2021-2022 is the original work of the candidate.

SIGNATURE OF THE HEAD OF

THE DEPARTMENT

SIGNATURE OF THE GUIDE

Dr. (Mrs) R. ANBUSELVI. M. Sc., M. Phil., Ph.D.,
Associate Professor / Head,
PG & Research Department of Mathematics,
A.D.M. College for Women (Autonomous),

Nagapattinam - 611 001.

SIGNATURE OF THE FORWARDING AUTHORITY

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(AUTONOMOUS)

NAGAPATTINAM



A.D.M College For Women (Autonomous) Nationally Accredited with 'A' Grade by NAAC (Cycle- III)

Nagapattinam - 611 001 Tamil Nadu.



PG & RESEARCH DEPARTMENT OF CHEMISTRY II MSc., PROJECT

2021-2022

List of the Students Name

S.No	Reg. No	Name of the student	Title of the Project	Name of the guide
1.	20PSC101	K. Charulatha	Physico-Chemical Characterisation Of Produced Water And Performance Of Coagulant In Kovilkalapal Field	Ms.R.Maheswari
2.	20PSC102	S. Sivaranjani	Physico-Chemical Characterisation of produced water and performance of Coagulant in Ramanathapuram field.	Mrs.S.Malathy
3.	20PSC103	S. Dharani	Analysis of soil and water in around Sikkal, Nagapattinam district	Dr.J.Bhuvana
4.	20PSC104	K. Sureka	Analysis of soil and water in around Velankanni, Nagapattinam district	Dr.J.Bhuvana

List of the Students Name

S.No	Reg. No	Name of the student	Title of the Project	Name of the guide
5.	20PSC105	P. Sathiya keerthika	Crystal Growth & Characterization of synthesis pure Nickel Doped thioSemicarbazide Picric Acid crystal	Ms.R.Maheswari
6.	20PSC106	J. Edwis femina	Synthesis and Spectral Studies of Glucine 4-Nitrophenolate crystal doped with Nickel Chloride.	Mrs.A.Rakini
7.	20PSC107	P. Naveena	Physico-Chemical Characterisation of crude oil produced at Cauvery Field	Ms. N.P. Rudra showrdri
8.	20PSC108	M. Kaviyarasi	Investigation on the growth and spectral studies of L-Arginine Picrate crystal doped with Nickel chloride.	Mrs.A.Rakini
9.	20PSC109	G.Karthika	Physico-Chemical Characterisation of Crude Oil Produced Adiyakamangalam Field.	Mrs.A.Rakini
10.	20PSC110	S. Pragadeeshwari	Composition of Salt Analysis	Dr.N.Prabha

List of the Students Name

S.No	Reg. No	Name of the student	Title of the Project	Name of the guide
11.	20PSC111	K .Haripriya	Growth and Characterization studies on Diphenylamine adipate Crystal doped with Barium Chloride	Mrs.A.Rakini
12.	20PSC112	V. Mathanmithra	Crystal Growth and Characterisation of Pure and L-Arginine Doped with Cadmium Tristhio urea sulphate crystal	Ms.R.Maheswari
13.	20PSC113	G. Vinothini	Molecular Organic Frame work formed by the ligand of Phenylene Diamine and Succinic acid with Cobalt Nitrate	Ms. N.P. Rudra showrdri
14.	20PSC114	M. Vinothini	Physico-Chemical Characterisation of Produced water and performance of coagulant in Adiyakamangalam	Ms.R.Maheswari
15.	20PSC115	M. Parkavi	Chemical Analysis of Terminalia Arjuna	Dr.N.Prabha

PHYSICO-CHEMICAL CHARACTERISATION OF PRODUCED WATER AND PERFORMANCE OF COAGULANT IN KOVILKALAPAL FIELD

A Dissertation Submitted to

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

(Affiliated To Bharathidasan University, Tiruchirapalli)

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

MASTER OF SCIENCE IN CHEMISTRY

Submitted by

K. CHARULATHA

(Reg. No: 20PSC101)

Guided By

Miss. R. MAHESWARI M.Sc., M.Phil. B.Ed., (Ph.D)



May-2022

PG & Research Department of Chemistry

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

Nationally Accredited with "A" Grade (3rdcycle) by NAAC

NAGAPATTINAM-611001



OIL AND NATURAL GAS CORPORATION LIMITED

CAUVERY ASSET - HR/ER - IR NERAVY COMPLEX, KARAIKAL - 609 604. Ph.No: 04368 - 235076 Fax.No: 04368 - 238126

No.: CA/KKL/HR/HRD/STU.TRG/M.Sc/2021-22/043

Date: 27.05.2022

Work Centre : Cauvery Asset, Karaikal

CERTIFICATE

This is to certify that Ms. Charulatha K Student of Final year, M.Sc, Chemistry, A.D.M College for Women, Nagapattinam has undergone Summer/Winter/Industrial Training at ONGC from 04.05.2022 to 20.05.2022. She has successfully completed her project work / Inplant training in the discipline of Chemistry. During the training, she took keen interest in the assigned work. We wish her all success in her academic endeavors and life.



Co - ordinator Training

ONGC
A.B. YADAV
HR Executive
ONGC, Cauvery Asset,
Karaikal-609 604.

MISS. R. MAHESWARI, M.Sc., M.Phil., B.Ed., (Ph.D).,

Assistant Professor of Chemistry,

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Nagapattinam-611001,

Tamil Nadu.

Date: 31-05.2022

CERTIFICATE

This is certify that the dissertation entitled "PHYSICO-CHEMICAL CHARACTERISATION OF PRODUCED WATER AND PERFORMANCE OF COAGULANT IN KOVILKALAPAL FIELD" submitted in partial fulfilment for Master of Science in Chemistry (Affiliated to Bharathidasan University) under semester system, is a bonafide record of the work carried out by Ms. K. CHARULATHA (Reg. No: 20PSC101) under Supervision and guidance.

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PHYSICO-CHEMICAL CHARACTERISATION OF PRODUCED WATER AND PERFORMANCE OF COAGULANT IN RAMANATHAPURAM FIELD

A Dissertation Submitted to

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

(Affiliated To Bharathidasan University, Thiruchirapalli)

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

MASTER OF SCIENCE IN CHEMISTRY

Submitted by

S. SIVARANJANI (Reg. No: 20PSC102)

Guided By

Mrs. S. MALATHY M.Sc., M.Phil., (Ph.D).



May-2022

P.G & Research Department of Chemistry

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

Nationally Accredited with" A" Grade (3rdcycle) by NAAC

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Date: 27.05.2022

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CERTIFICATE

This is to certify that Ms. Sivaranjani S Student of Final year, M.Sc, Chemistry, A.D.M College for Women, Nagapattinam has undergone Summer/Winter/Industrial Training at ONGC from 04.05.2022 to 20.05.2022. She has successfully completed her project work / Inplant training in the discipline of Chemistry. During the training, she took keen interest in the assigned work. We wish her all success in her academic endeavors and life.

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HP Executive
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8. MALATHY, M.Sc., M.Phil., (Ph.D).

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TamilNadu.

Date: 30. 05 · 2022

CERTIFICATE

This is certify that the dissertation entitled "PHYSICO-CHEMICAL CHARACTERISATION OF PRODUCED WATER AND PERFORMANCE OF COAGULANT IN RAMANATHAPURAM FIELD" submitted in partial fulfilment for Master of Science in Chemistry (Affiliated to Bharathidasan University) under semester system, is a bonafide record of the work carried out by Ms. S. SIVARANJANI (Reg.No: 20PSC102) under Supervision and guidance.

SIGNATURE OF THE GUIDE

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HOD

Mrs. S. MALATHY M.Sc., M.Phil. Ph.D. Head / Associate Professor of Ghemistry Department of Chemistry A.D.M. College for Women (/v) Nagapattinam

SIGNATURE OF THE PRINCIPAL

PHYSICO-CHEMICAL CHARACTERISATION OF CRUDE OIL PRODUCED ADIYAKAMANGALAM FIELD

A Dissertation submitted to A.D.M COLLEGE FOR WOMEN (AUTONOMOUS), NAGAPATTINAM

(Affiliated to Bharathidasan University, Tiruchirapalli)

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

MASTER OF SCIENCE IN CHEMISTRY

Submitted By

G. KARTHIKA

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Under the guidance of

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PG AND RESEARCH DEPARTMENT OF CHEMISTRY

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NATIONALLY ACCREDITED WITH "A" GRADE BY NACC – (3rd CYCLE)

NAGAPATTINAM – 611 001

MAY – 2022



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This is to certify that Ms. Karthika G Student of Final year, M.Sc, Chemistry, A.D.M College for Women, Nagapattinam has undergone Summer/Winter/Industrial Training at ONGC from 04.05.2022 to 20.05.2022. She has successfully completed her project work / Inplant training in the discipline of Chemistry. During the training, she took keen interest in the assigned work. We wish her all success in her academic endeavors and life.



Co - ordinator Training

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This is to certify that the project work was done under my guidance and dissertation entitled "PHYSICO-CHEMICAL CHARACTERISATION OF CRUDE OIL PRODUCED ADIYAKAMANGALAM FIELD" submitted by G. KARTHIKA (Reg.No.20PSC110) in partial fulfillment for the award of Master of Degree in Chemistry during the academic year 2020-2022 is the original work of the candidate.

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PHYSICO-CHEMICAL CHARACTERISATION OF CRUDE OIL PRODUCED AT CAUVERY FIELD

A Dissertation submitted to

BHARATHIDASAN UNIVERSITY

TIRUCHIRAPALLI

PROJECT SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT OF

MASTER OF SCIENCE IN CHEMISTRY

Submitted By

P. NAVEENA

(Reg.No: 20PSC108)

Under the guidance of

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ASSISTANT PROFESSOR

DEPARTMENT OF CHEMISTRY

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PG AND RESEARCH DEPARTMENT OF CHEMISTRY

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N.S. Soi

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PHYSICO-CHEMICAL CHARACTERISATION OF PRODUCED WATER AND PERFORMANCE OF COAGULANT IN ADIYAKAMANGALAM FIELD

A Dissertation Submitted to

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

(Affiliated To Bharathidasan University, Tiruchirapalli)

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

MASTER OF SCIENCE IN CHEMISTRY

Submitted by

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(Reg. No: 20PSC115)

Guided By

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Date: 31-05-2022

CERTIFICATE

This is certify that the dissertation entitled "PHYSICO-CHEMICAL CHARACTERISATION OF PRODUCED WATER AND PERFORMANCE OF COAGULANT IN ADIYAKAMANGALAM FIELD" submitted in partial fulfilment for Master of Science in Chemistry (Affiliated to Bharathidasan University) under semester system, is a bonafide record of the work carried out by Ms. M. VINOTHINI (Reg. No: 20PSC115) under Supervision and guidance.

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A.D.M College For Women (Autonomous) Nationally Accredited with 'A' Grade by NAAC (Cycle- III)

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M.Sc ZOOLOGY - PROJECT

2021 - 2022

S.No	Reg. No	Name of the Student	Title of the Project	Name of the Guide
1.	20PSZ101	M.Jayasri	Studies on Bacterial Population in <i>Channa striata</i>	Dr.Madhuramozhi Govindarajalu
2.	20PSZ102	B.Subhasini	Studies on the Diversity and Foraging Behavior of Yellow Billed Babbler (<i>Turdoides</i> affinis) an around Sikkal, Nagapattinam District, Tamilnadu, Southern India.	Dr.T.Sumathi
3.	20PSZ103	N.Mohana	A study on Screening the Bacterial Population in Post Operation Wound Infection.	Dr.S.Krishnaveni
4.	20PSZ104	E.Elizabath Gajalice	Studies on Microbial Population in Slaughter Houses of Nagapattinam District.	Dr.S.Vanitha

S.No	Reg. No	Name of the Student	Title of the Project	Name of the Guide
5.	20PSZ105	R.Kanipriya	Screening the Effect of Heavy Metals on the Growth of Labeo rohira.	Dr.S.Krishnaveni
6.	20PSZ107	R.Shanmugapriya	Effect of Pesticide Sevin in Channa striatus (Bloch 1793) with Reference to Histology and Biochemical studies under Laboratory Condition.	Dr.K.G.Selvi
7.	20PSZ108	D.Deepika	A study on the Physicochemical Parameters of commercially important cultivable fish pond.	Dr.S.Angelina Glorita Parimala
8.	20PSZ109	V.Kousalya	Screening the effect of <i>Lippia</i> nodiflora dermatitis	Dr.Madhuramozhi Govindarajalu

STUDIES ON FUNGAL PATHOGEN ISOLATED FROM Channa straita

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

MASTER OF SCIENCE IN ZOOLOGY

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CERTIFICATE

This is to certify that dissertation entitled "Studies on fungal pathogen isolated from Channa straita" submitted to A.D.M. College for Women (Autonomous), Nagapattinam, (Affiliated to Bharathidasan University, Tiruchirapalli) for the award of the degree of Master of Science in Zoology, embodies, the result of the bonafide project work carried out by Miss M.JAYASRI (Reg. No. 20PSZ101), under my guidance and supervision in the PG & Research Department of Zoology, A.D.M. College for Women (Autonomous), Nagapattinam district, Tamil Nadu, India.

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

Jahr Jen Jahr Signature of the Guide

Dr.(Mrs)Madhuramozhi Govindarajalu,

M.Sc.,M.Phil.,Ph.D.
Head of the Department,
Country of the Department of Zoology,
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Signature of the Principal

M.Sc., M.Phil., Ph.D. M.Sc., M.Phil., Ph.D. Assistant Professor in Zoology Govt. College for Women (Autonomous Kumbakonam - 612 001. 4

STUDIES ON THE DIVERSITY AND FORAGING BEHAVIOR OF YELLOW BILLED BABBLER (TURDOIDES AFFINIS) IN AROUND SIKKAL, NAGAPATTINAM DISTRICT, TAMILNADU, SOUTHERN INDIA.

A dissertation Submitted to

A. D. M. College for Women (Autonomous), Nagapattinam, (Affiliated to Bharathidasan University Thiruchirappalli)

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

MASTER OF SCIENCE IN ZOOLOGY

Submitted by

Miss. B. SUBHASHINI (Reg. No. 20PSZ102)



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This is to certify that the dissertation entitled "STUDIES ON THE DIVERSITY AND FORAGING BEHAVIOR OF YELLOW BILLED BABBLER (Turdoides affinis) IN AROUND SIKKAL, NAGAPATTINAM DISTRICT, TAMIL NADU, SOUTHERN INDIA." Submitted to A.D.M. College for Women (Autonomous), Nagapattinam, Tamil Nadu, Southern India. For the award of degree of Master of Science in Zoology, the result of bonafide research work carried out by Miss. B. SUBHASHINI (Reg. No. 20PSZ102), under my guidance and supervision in the PG and Research Department of Zoology, A.D.M. College for Women(Autonomous), Nagapattinam, Tamil Nadu, Southern India.

I futher certify that part of the project has not previously formed the basis for the award of any degree, diploma, associate ship, or any other similar title. It is original work of the candidate.

Mignature of the Head of the Department

Signature of the Guide

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SCREENING THE BACTERIAL POPULATION IN POST OPERATED WOUND INFECTION

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

MASTER OF SCIENCE IN ZOOLOGY

Submitted by

N. MOHANA

(Reg. No. 20PSZ103)

Under the guidance of

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This is to certify that dissertation entitled "Screening the bacterial topulation in post operated wound infection" submitted to A.D.M. College for Women (Autonomous), Nagapattinam, (Affiliated to Bharathidasan University, 'Iruchirapalli) for the award of the degree of Master of Science in Zoology, mbodies, the result of the bonafide project work carried out by Alss N. MOHANA (Reg. No. 20PSZ103), under my guidance and supervision in the PG & Research Department of Zoology, A.D.M. College for Women Autonomous), Nagapattinam district, Tamil Nadu, India.

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.

ignature of the HOD

Signature of the Guide

Dr. (Mrs.) Machuramozhi Govindareialu

1. Gynes 06.06.22

Dr. Mrs. D. SOUMADY M Sc., M.Phil., Ph.D., Assistant Professor in Zoology Govt. College for Women (Autonomous) Kumbatronatti - 612-691.



Signature of the Principal

main - 611001. Temil re Co

SCREENING AND SENSITIVITY OF CANDIDA ISOLATES FROM WOMEN AFFECTED WITH CANDIDAL INFECTION

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

MASTER OF SCIENCE IN ZOOLOGY

Submitted by L. ELIZABATH GAJALICE

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Under the guidance of

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This is to certify that dissertation entitled "Screening and sensitivity of Candida isolates from women affected with candidal infection" submitted to A.D.M. College for Women (Autonomous), Nagapattinam, (Affiliated to Bharathidasan University, Tiruchirapalli) for the award of the degree of Master of Science in Zoology, embodies, the result of the bonafide project work carried out by Miss L. ELIZABATH GAJALICE (Reg. No. 20PSZ104), under my guidance and supervision in the PG & Research Department of Zoology, A.D.M. College for Women (Autonomous), Nagapattinam district, Tamil Nadu, India.

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.

Masher for jaly
Signature of the HOD

Dr. (Mrs) Madhuramozhi 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 Wornen (Autonomous).

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Dr. Mrs. D. SOUMADY
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SCREENING OF ANTIBACTERIAL ACTIVITY AGAINST ORAL BIOFILM USING MEDIC!NAL PLANTS

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

MASTER OF SCIENCE IN ZOOLOGY

Submitted by B. KANIPRIYA

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Under the guidance of

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MAY-2022



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Associate Professor
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This is to certify that dissertation entitled "Screening of antibacterial activity against oral biofilm using medicinal plants" submitted to A.D.M. College for Women (Autonomous), Nagapattinam, (Affiliated to Bharathidasan University, Tiruchirapalli) for the award of the degree of Master of Science in Zoology, embodies, the result of the bonafide project work carried out by Miss B. KANIPRIYA (Reg. No. 20PSZ105), under my guidance and supervision in the PG & Research Department of Zoology, A.D.M. College for Women (Autonomous), Nagapattinam district, Tamil Nadu, India.

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

Dr. (Mrs) Madhuramozhi Govindarajalu, r M.Sc., M.Phil., Ph.D.;

Head of the Department,
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Dr. Mrs. D. SOUMADY

M.Sc., M.Phil., Ph.D.,

Assistant Professor in Zoology

Govt. College for Women (Autonomous)

PRINCIPAL PRINCI

Effect of Pesticide Sevin in *Channa striatus* (Bloch 1793) with reference to Histology and Biochemical Studies under Laboratory condition

Dissertation submitted to the
Bharathidasan University
in partial fulfillment of the requirements
for the award of
MASTER OF SCIENCE IN ZOOLOGY

Submitted by
Ms. R. SANMUGA PRIYA
Reg. No.: 20PSZ107

Under the Guidance of Dr. K. C. SELVI, DMIB., M.Sc., M.Phil., Ph.D.,



PG AND RESEARCH DEPARTMENT OF ZOOLOGY
A. D.M COLLEGE FOR WOMEN (AUTONOMOUS)

(Re-accredited with "A" Grade by NAAC - 3rd Cycle)

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Date: 28.5.2022

CERTIFICATE

This is to Certify that the dissertation entitled "Effect of Pesticide Sevin in Channa striatus (Bloch 1793) with reference to Histology and Biochemical Studies under Laboratory condition" submitted by Ms.R.SANMUGAPRIYA, Register No: 20PSZ107 in partial fulfillment of the requirements for the award of the degree of Master of Science in Zoology during the period 2020 - 2022 is the original work of the candidates.

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Head of the Department

Signature of the Guide

(Dr K. G. SELM)

Examiners:

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STUDIES ON EFFICIENCY OF MEDICINAL PLANTS AGAINST BACTERIA ISOLATED FROM URINARY TRACT INFECTION

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

MASTER OF SCIENCE IN ZOOLOGY

Submitted by D. DEEPIKA

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Dr. S. Angelina Glorita Parimala M.Sc., M.Phil., Ph.D., Associate Professor PG and Research DEPARTMENT OF ZOOLOGY

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This is to certify that dissertation entitled "Studies on efficiency of medicinal plants against bacteria isolated from urinary tract infection" submitted to A.D.M. College for Women (Autonomous), Nagapattinam, (Affiliated to Bharathidasan University, Tiruchirapalli) for the award of the degree of Master of Science in Zoology, embodies, the result of the bonafide project work carried out by Miss D. DEEPIKA (Reg. No. 20PSZ108), under my guidance and supervision in the PG & Research Department of Zoology, A.D.M. College for Women (Autonomous), Nagapattinam district, Tamil Nadu, India.

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 Principal

Signature of the HOD

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STUDIES ON BACTERIAL COMMUNITY IN Labeo Calbasu

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

MASTER OF SCIENCE IN ZOOLOGY

Submitted by V. KOUSALYA

(Reg. No. 20PSZ109)

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



Dr. Madhuramozhi 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

CERTIFICATE

This is to certify that dissertation entitled "Studies on bacterial community in Labeo calbasu" submitted to A.D.M. College for Women (Autonomous), Nagapattinam, (Affiliated to Bharathidasan University, Tiruchirapalli) for the award of the degree of Master of Science in Zoology, embodies, the result of the bonafide project work carried out by Miss V. KOUSALYA (Reg. No. 20PSZ109), under my guidance and supervision in the PG & Research Department of Zoology, A.D.M. College for Women (Autonomous), Nagapattinam district, Tamil Nadu, India.

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

" aku Jon' jalu Signature of the Guide

Dr.(Mrs) Madhuramozhi Govindarajalu,

Head of the Department

M.Sc.,M.Phil.Ph.D.

Head of the Department

Associate Professor and Research Advisor,

P.G. and Research Department of Zoology,

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Nagapattinam - 611 001 Tamil Nadu.



PG DEPARTMENT OF COMPUTER SCIENCE II M.SC., COMPUTER SCIENCE – PROJECT

2021 - 2022

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1.	20PCS101	Punithavathi.K	Achieving finest competence overcoming over fitting through gradient and ADA boosting algorithm in deep learning	Dr.K.Arul Marie Joycee
2.	20PCS102	Abinaya.B	Optimize complex procedure through QFD and advanced algorithms in quantum computing.	Mrs.K.Kavitha
3.	20PCS103	Nivedhitha.J	Collaborative delegation through function fusion and over sketched Newton under server less cloud computing	Dr.S.Thaiyalnayaki

ACHIEVING FINEST COMPETENCE OVERCOMING OVERFITTING THROUGH GRADIENT AND ADABOOSTING ALGORITHM IN DEEP LEARNING

Dissertation Submitted to

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

(Nationally Accredited with" A" Grade By NAAC-3" Cycle)

AFFILIATED TO BHARATHIDASAN UNIVERSITY, THIRUCHIRAPALLL

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

"MASTER OF COMPUTER SCIENCE"

Submitted By

Mrs. K.PUNITHAVATHI

20PCS101

Under the Guidance of

Dr. K.ARUL MARIE JOYCEE M.C.A., M.Phil., B.Ed., Fb.D.,
HEAD OF THE DEPARTMENT



PG DEPARTMENT OF COMPUTER SCIENCE

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This is to certify that this dissertation entitled

"ACHIEVING FINEST COMPETENCE OVERCOMING OVERFITTING THROUGH GRADIENT AND ADABOOSTING ALGORITHM IN DEEP LEARNING"

is a Bonafide record of the project work done by

Mrs.K.PUNITHAVATHI

RegNo: 20PCS101

A.D.M. College for Women, Nagapattinam

During the year 2021-2022

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

"MASTER OF COMPUTER SCIENCE"

Dr.K. ARUL MARIE JOYCEE M.C.A., M.Phil., B.Ed., Ph.D., Dr.K. ARUL MARIE JOYCEE M.C.A., M..Phil., B.Ed., Ph.D.

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Signature of the Principal

Submitted for the A.D.M.College Viva Voce Examination held at A.D.M.COLLEGE FOR WOMEN, NAGAPATTINAM

Signature of the Examiners

Place: Nagapattinam

Date: 17. 05:2022

1.

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COMPLETION CERTIFICATE

This is to certify that Ms. K. Punithavathi has entitled the project of "Achieving Finest Competence Overcoming Overfitting through Gradient and Adaboosting Algorithm in Deep Learning" with partial fulfillment of our requirements during the period of March 2022 to May 2022.

Authorized sign

For A T. Edward .

COLLABORATIVE DELEGATION THROUGH FUNCTION FUSION AND OVERSKETCHED NEWTON UNDER SERVERLESS CLOUD COMPUTING

Dissertation Submitted to

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

(Nationally Accredited with "A" Grade By NAAC-3rdCycle)
AFFILIATED TO BHARATHIDASAN UNIVERSITY, THIRUCHIRAPALLI.

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

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Submitted By

Ms. J.NIVEDHITHA

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This is to certify that this dissertation entitled

"COLLABORATIVE DELEGATION THROUGH FUNCTION FUSION AND OVERSKETCHED NEWTON UNDER SERVERLESS CLOUD COMPUTING"

is a Bonafide record of the project work done by

Ms. J.NIVEDHITHA

Reg. No: 20PCS103

A.D.M. College For Women, Nagapattinam

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Head of the Department

Signature of the Principal 16.5.22

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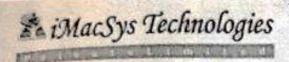
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Date: 17.05.2022

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COMPLETION CERTIFICATE

This is to certify that Ms. J. Nivedhitha has entitled the project of "Collaborative Delegation through Function Fusion and Oversketched Newton under Serverless Cloud Computing" with partial fulfillment of our requirements during the period of March 2022 to May 2022.

For LANGENS

Authorized sign

OPTIMIZE COMPLEX PROCEDURE THROUGH QFD AND ADVANCED ALGORITHMS IN QUANTUM COMPUTING

Dissertation Submitted to

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

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"OPTIMIZE COMPLEX PROCEDURE THROUGH QFD AND ADVANCED ALGORITHMS IN QUANTUM COMPUTING"

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Date: 17-05-2022



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This is to certify that Ms. B. Abinaya has entitled the project of "Optimize Complex Procedure through QFD and Advanced Algorithms in Quantum Computing" with partial fulfillment of our requirements during the period of March 2022 to May 2022.

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DEPARTMENT OF PHYSICS

M.SC., PHYSICS - PROJECT

2021-2022

S.No	Reg.no	Name of the students	Title of the Project	Name of the Guide
1.	20PSP101	V. Archana	Synthesis and thermal, optical behaviour of (E)-4-Methyl -2-(N- Phenylcarboximidoyl) Phenol	Dr. R.Priscilla
2.	20PSP102	G.R. Nivedha	Effect of Annealing temperature on properties of spray deposited V_2O_5 Thin Films	Dr. R. Rathika
3.	20PSP103	R. Abinaya	Silicon Solar Cells	Dr. R.Priscilla
4.	20PSP104	V.Keerthiga	Synthesis and thermal behaviour of Schiff base (E)-4-Iodo-2[(phenylino methy) phenol]crystal	Dr. R.Priscilla
5.	20PSP105	K.Geetha	Design and Construction of a 4G Mobile Network Antenna	Dr. R.Priscilla

S.No	Reg .No	Name of the students	Title of the Project	Name of the Guide
6.	20PSP106	B. Shanmugapriya	Growth and characterization of Cadmium Manganese Thiocyanate (CMTC) Crystal	Dr. N. Lavanya
7.	20PSP107	B. Gunavathi	Growth and characterisation of potassium chloride dopped with L-Theronine	Dr. N. Lavanya
8.	20PSP108	V. Aishwarya	synthesis and characterisation of 4-(methylsulfonyl) phenol doped with L-arginine.	Dr. N. Lavanya
9.	20PSP109	K.Jennathul Firthous	Study of Growth and characterisation ADP Doped with Dimethylglyoxime	Dr. N. Lavanya
10.	20PSP110	A.Ameshi tevina	A study of influence temperature on properties of Tio2 nanopraticles	Dr. R. Rathika
11.	20PSP111	J. Swetha	Determination of PH value of Water in Nagapattinam Surrounding Area	Mrs. S. Aruljothi
12.	20PSP112	R.Kayalvizhi	Determination of conductivity of water in Nagapattinam surrounding area.	Mrs. S. Aruljothi

S.No	Reg.no	Name of the students	Title of the Project	Name of the Guide
13.	20PSP112	R.Kayalvizhi	Determination of conductivity of water in Nagapattinam surrounding area.	Mrs. S. Aruljothi
14.	20PSP113	A.Vaishali	Determination of pH Value of water in college campus	Mrs. S. Aruljothi
15.	20PSP114	M.Najeema	Determination of conductivity of water in college campus	Ms. R.Rubashri
16.	20PSP115	R.Ajitha	Determination and comparison the quality check of water by using the method of ph and conductivity	Ms. R.Rubashri
17.	20PSP116	S.DeepaSundari	Comparision of PH value of water between Nagapattinam surrounding area and college campus	Ms. R.Rubashri
18.	20PSP117	R.Jesema Nasreen	Synthesis and thermal properties of Schiff base (E)-4-Bromo-2- [(phenylimino)methyl] phenol crystal	Dr. G. Swetha

S.No	Reg.no	Name of the students	Title of the Project	Name of the Guide
19.	20PSP118	V.Krishna Kumari	Thermal expansion properties of organic Schiff base (E) -4- chloro-2- [(phenylimino)methyl] Phenol single crystal	Dr. G. Swetha
20.	20PSP119	A. Missbahul Nisha	Synthesis, characterization of structural and thermal properties of 5Fluorosalicylaldehyde aniline(5FSA) crystal	Dr. G. Swetha

EFFECT OF ANNEALING TEMPERATURE ON PROPERTIES OF SPRAY DEPOSITED V₂O₅ THIN FILMS

A Dissertation Submitted to

A.D.M. College for Women (Autonomous), Nagapattinam. (Affiliated to Bharathidasan University, Thiruchirapalli)

In Partial fulfillment of the requirement for the award of the Degree of

MASTER OF SCIENCE IN PHYSICS

Submitted by

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EFFECT OF ANNEALING TEMPERATURE ON PROPERTIES OF SPRAY DEPOSITED V2O5 THIN FILMS

Submitted by G.K. NIVEDHA Reg. No. 20PSP102

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This is to certify that the dissertation entitled "EFFECT OF ANNEALING TEMPERATURE ON PROPERTIES OF SPRAY DEPOSITED V2O5 THIN FILMS" submitted partial fulfillment the degree of Master of Science in Physics to A.D.M. College for Women (affiliated to Bharathidasan University) under the semester system, is a bonafide record of the work carried out by G.K.NIVEDHA (Reg. No. 20PSP102) under the our guidance.

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Assistant Professor of Physics,

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SIGNATURE OF THE PRINCIPAL



SILICON SOLAR CELLS

A Dissertation submitted to

A.D.M. college for women, (Autonomous), Nagapattinam
(Affiliated to Bharathidasan University, Thiruchirapalli)
In partial fulfillment of the requirement for the award of the degree of

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SILICON SOLAR CELLS

Submitted by

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Dr. R. PRISCILLA, M.Sc., M.Phill., Ph.D., HOD and Assistant Professor of Physics, A.D.M. College for Women, Nagapattinam - 611001.

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SYNTHESIS AND CHARACTERISATION OF 4-(METHYLSULFONYL) PHENOL DOPED WITH L-ARGININE

A Dissertation Submitted to

A.D.M. College for women, (Autonomous), Nagapattinam

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YNTHESIS AND CHARACTERISATION OF 4-(METHYLSULFONYL) PHENOL DOPED WITH L-ARGININE

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

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

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Signature of the

External Examiner

VIVA voce conducted on -06.06.22

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This is to certify that the dissertation entiled SYNTHESIS AND CHARACTERISATION OF 4-(METHYLSULFONYL) PHENOL DOPED WITH L-ARGININE submitted in partial fulfilment for the degree of Master of Science in Physics to A.D.M. College for women (affiliated to Bharathidasan University) under the semester system, is a bonafied record of work carried out by Miss. V. AISHWARYA (Reg. No: 20PSP108) under the our guidance.

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STUDY OF GROWTH AND CHARACTERISATION ADP DOPED WITH DIMETHYLGLYOXIME

A Dissertation Submitted to

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

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

MASTER OF SCIENCE IN PHYSICS

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STUDY OF GROWTH AND CHARACTERISATION ADP DOPED WITH DIMETHYLGLYOXIME

Submitted by

Miss. K.JENNATHUL FIRTHOUS

Register No: 20PSP109

Dissertation Submitted to

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MASTER OF SCIENCE IN PHYSICS

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External Examiner

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This is to certify that this Project work has been done under my guidance and dissertation entitled "STUDY OF GROWTH AND CHARACTERISATION ADP DOPED WITH DIMETHYLGLYOXIME" submitted in partial fulfilment for the degree of Master of Science in Physics to A.D.M. College for women (affiliated to Bharathidasan University) under the semester system, is a bonafide record of work carried ut by by Miss. K.JENNATHUL FIRTHOUS (Reg.No.20PSP109) under the our guidance.

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Dr. (Mrs). N. LAVANYA,
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A STUDY ON INFLUENCE OF ANNEALING TEMPERATURE ON PROPERTIES OF TiO₂ NANOPARTICLES

A Dissertation Submitted to

A.D.M. College for Women (Autonomous), Nagapattinam. (Affiliated to Bharathidasan University, Thiruchirapalli)

In Partial fulfillment of the requirement for the award of the Degree of

MASTER OF SCIENCE IN PHYSICS

Submitted by
A. AMESHI TEVINA
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MAY - 2022

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A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS) (Reaccredited with "A" Grade by NAAC) Nagapattinam - 611 001.

A STUDY ON INFLUENCE OF ANNEALING TEMPERATURE ON PROPERTIES OF TiO2 NANOPARTICLES

> Submitted by A. AMESHI TEVINA Reg. No. 20PSP110

A Dissertation Submitted to

A.D.M. College for Women (Autonomous), Nagapattinam. (Affiliated to Bharathidasan University, Thiruchirapalli)

In Partial fulfillment of the requirement for the award of the Degree of MASTER OF SCIENCE IN PHYSICS

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Date: 31/05/2022

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This is to certify that the dissertation entitled "A STUDY ON INFLUENCE OF ANNEALING TEMPERATURE ON PROPERTIES OF TiO₂ NANOPARTICLES" submitted in partial fulfillment for the degree of Master of Science in Physics to A.D.M. College for Women (affiliated to Bharathidasan University) under the semester system, is a bonafide record of the work carried out by Miss. A. AMESHI TEVINA (Reg. No. 20PSP110) under our guidance.

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DETERMINATION OF CONDUCTIVITY OF WATER IN COLLEGE CAMPUS

A Dissertation submitted to

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

(Affiliated to Bharathidasan University, Tiruchirapalli)

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

MASTER OF SCIENCE IN PHYSICS

Submitted By

Miss. M.NAJEEMA (Reg. No. 20PSP114)

Under the guidance of

Miss.R.RUBASHRI, M.Sc., M.Phil.,

Assistant professor of physics



PG DEPARTMENT OF PHYSICS

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DETERMINATION OF CONDUCTIVITY OF WATER IN COLLEGE CAMPUS

Submitted by

Miss. M.NAJEEMA (Reg. No. 20PSP114)

A Dissertation submitted to

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

(Affiliated to Bharathidasan University, Tiruchirapalli)

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

MASTER OF SCIENCE IN PHYSICS

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DATE: 31/05/2022

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COMPARISON OF pH VALUE OF WATER BETWEEN NAGAPATTINAM SURROUNDING AREA AND COLLEGE CAMPUS

A Dissertation submitted to

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(Affiliated to Bharathidasan University, Tiruchirapalli)

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SYNTHESIS, CHARACTERIZATION OF STRUCTURAL AND THERMAL PROPERTIES OF 5 FLUOROSALICYLALDEHYDE -ANILINE(5FSA) CRYSTAL

A Dissertation submitted to

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SYNTHESIS, CHARACTERIZATION OF STRUCTURAL AND THERMAL PROPERTIES OF 5 FLUOROSALICYLALDEHYDE -ANILINE(5FSA) CRYSTAL

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JAWAHARLAL NEHRU – "THE ARCHITECT OF MODERN INDIA" GROUP PROJECT



Submitted to DEPARTMENT OF HISTORY

In partial fulfillment of requirement for the award of Degree of

BACHELOR OF ARTS IN HISTORY

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THE ROLE OF Dr. ANNIE BESANT IN FREEDOM MOVEMENT

GROUP PROJECT



Submitted to

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In partial fulfillment of requirement for the award of Degree of

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In partial fulfillment of requirement for the award of Degree of

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A STUDY ON VARIOUS AMUSEMENTS IN MATHEMATICS

GROUP PROJECT



Submitted to

DEPARTMENT OF MATHEMATICS

In partial fulfillment of requirement for the award of Degree of

BACHELOR OF SCIENCE IN MATHEMATICS

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

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In partial fulfillment of requirement for the award of Degree of

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A STUDY ON FIBONACCI SEQUENCE

GROUP PROJECT



Submitted to

PG AND RESEARCH DEPARTMENT OF MATHEMATICS

In partial fulfillment of requirement for the award of Degree of BACHELOR OF SCIENCE IN MATHEMATICS

by

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K.ABINAYA	20UM008
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NAGAPATTINAM

A Study on Fibonacci sequence

In partial fulfillment of requirement for the award of Degree of

BACHELOR OF SCIENCE IN MATHEMATICS

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PYTHAGORAS THEOREM IN MATHEMATICS GROUP PROJECT



Submitted to

DEPARTMENT OF MATHEMATICS

In partial fulfillment of requirement for the award of Degree of

BACHELOR OF SCIENCE IN MATHEMATICS

by

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

DESIGN AND ANALYSIS OF ALGORITHM IN MATHEMATICS

GROUP PROJECT



Submitted to

DEPARTMENT OF MATHEMATICS

In partial fulfillment of requirement for the award of Degree of BACHELOR OF SCIENCE IN MATHEMATICS

By

G.KOWSALYA	20UM021
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A.D.M. COLLEGE FOR WOMEN(AUTONOMOUS) **NAGAPATTINAM**

DESIGN AND ANALYSIS OF ALGORITHM IN MATHEMATICS

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

MATHEMATICIANS IN VARIOUS DISCIPLINES

GROUP PROJECT



DEPARTMENT OF MATHEMATICS

In partial fulfilment of requirement for the award of Degree of

BACHELOR OF SCIENCE IN MATHEMATICS

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

FUZZY LOGIC & IT'S APPLICATIONS IN MEDICINE

GROUP PROJECT



Submitted to

DEPARTMENT OF MATHEMATICS

In partial fulfillment of requirement for the award of Degree of

BACHELOR OF SCIENCE IN MATHEMATICS

by

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

MATHEMATICS IN ARCHITECTURE AND FINE ARTS GROUP PROJECT



Submitted to DEPARTMENT OF MATHEMATICS

In partial fulfillment of requirement for the award of Degree of BACHELOR OF SCIENCE IN MATHEMATICS

by

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2021 - 2022

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1.	20UZ001	S.Aarthi		
2.	20UZ003	P. Sivapriya	Cultivation , Nutritional Analysisof <i>pleurotus</i>	Dr.Madhuramozhi
3.	20UZ004	M. Bhuvaneswari	florida and used as	Govindarajalu
4.	20UZ005	J.Manisha	Human Supplement	
5.	20UZ006	G.Yoga		
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7.	20UZ008	U.Archana		
8.	20UZ009	K. Prathesiya	Screening of bacterial	Dr.S.Angelina
9.	20UZ010	B.Jayaprabha	population in market	Glorita Parimala
10.	20UZ011	R.Divya	available Shrimp	
11.	20UZ012	M.Sona		
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13.	20UZ014	S.Monisha	Screening of	
14.	20UZ015	M.Anusha	Phytochemical and bactericidal activity	
15.	20UZ016	J.Sineka	aganist some human	Dr.S.Krishnaveni
16.	20UZ017	B.Mahalakshmi	pathogens using <i>Aegle</i>	
17.	20UZ018	V. Yamuna	marmoles.	
18.	20UZ019	R.Arthi	(L)	

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20.	20UZ022	P.Poovizhi	Screening the effect of bactericidal activity of	
21.	20UZ023	R.Aarthi	Pterocarpus santalinus	
22.	20UZ025	P.Keerthika	Laganist some human pathogens	
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29.	20UZ035	S.Subalatha	ponus.	
30.	20UZ036	G.Manjumatha		
31.	20UZ037	T.Gopika	Studies on	
32.	20UZ038	M.Sangeetha	Mycodiversity in salt pan environments of	
33.	20UZ039	S.P.Bhuvaneshwari	Nagapattinam and vedaranya	Dr.T.Sumathi
34.	20UZ042	S.Matharasi		
35.	20UZ043	R.Santhapriya		
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CULTIVATION, NUTRITIONAL ANALYSIS OF Pleurotus florida AND USED AS HUMAN SUPPLEMENT

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.ARTHI, P.SIVAPRIYA, M.BHUVANESWARI, J.MANISHA, G.YOGA AND A.MANISHA

(Reg. No. 20UZ001, 20UZ003, 20UZ004, 20UZ005, 20UZ006 & 20UZ007)

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MAY - 2022

SCREENING OF BACTERIAL POPULATION IN MARKET AVAILBLE SHRIMP

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

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This is to certify that dissertation entitled "Cultivation, nutritional analysis of Pleurotus florida and used as human supplement" 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.Arthi, P.Sivapriya, M.Bhuvaneswari, J.Manisha, G.Yoga AND A.Manisha (Reg. No.20UZ001, 20UZ003, 20UZ004, 20UZ005, 20UZ006 & 20UZ007), under my guidance and supervision in the PG & Research Department of Zoology, A.D.M. College for Women (Autonomous), Nagapattinam District, Tamil Nadu, India.

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.

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Head of the Department

Insociate Professor and Research Advisor,
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Signature of the Principal

Signature of the Guide

Signature of the Guide Dr. (Mrs) Medhuramozhi Govindo

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SCREENING OF PHYTOCHEMICAL AND BACTERICIDAL ACTIVITY AGAINST SOME HUMAN PATHOGENS USING

Aegle marmoles (L.)

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

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This is to certify that dissertation entitled "Screening of phytochemical and bactericidal activity against some human pathogens using Aegle marmoles (L.)" 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.Monisha, M.Anusha, J.Sineka, B.Mahalakshmi, V.Yamuna & R. Arthi (Reg. No. 20UZ014, 20UZ015, 20UZ016, 20UZ017, 20UZ018 & 20UZ019) under my guidance and supervision in the PG & Research Department of Zoology, A.D.M. College for Women (Autonomous), Nagapattinam District, Tamil Nadu, India.

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SCREENING THE EFFECT OF BACTERICIDAL ACTIVITY OF Pterocarpus santalinus L. AGAINST SOME HUMAN PATHOGENS

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
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K.KEERTHANA & P.JESMEENA

(Reg. No. 20UZ020, 20UZ022, 20UZ023, 20UZ025, 20UZ027 & 20UZ028)

Under the guidance of

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BIODEGRADATION OF CHLORPYRIPHOS USING BACTERIAL ISOLATES COLLECTED FROM FISH PONDS

A Dissertation submitted to the

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STUDIES ON MYCODIVERSITY IN SALT PAN ENVIRONMENTS OF NAGAPATTINAM AND VEDARANYAM

A Dissertation submitted to the
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In partial fulfilment of the requirement for the award of the degree of

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2.	19UCS102	A.E.Dayana	Distributed Concurrent and Independent Access to Indemnity	Dr.K.Arul Marie Joycee
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4.	19UCS104	T.Akshaya	An Optimistic Probable Trail Identity Mechanism for IT Projects	Mrs.K.Kavitha
5.	19UCS105	T.Keerthana	Privilige Based Multilevel Optimization and Desynchronization Criteria Though Data Sharing	Mrs.K.Kavitha

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13.	19UCS115	R.Ramya	Enabling Stream Clustering Fast Density Wavelength for Ambiguous Two-Stage Instances	Dr.S.Thaiyalnayaki
14.	19UCS116	A.Anusha	Optimization and Automatic Reconfiguration of Multiattribute Profession Processing	Dr.K.Arul Marie Joycee
15.	19UCS117	V.Mahalakshmi	Enabling Stream Clustering Fast Density Wavelength for Ambiguous Two-Stage Instances	Dr.S.Thaiyalnayaki
16.	19UCS118	S.Aarthi	Enabling Stream Clustering Fast Density Wavelength for Ambiguous Two-Stage Instances	Dr.S.Thaiyalnayaki
17.	19UCS119	S.Niha	Scalable Secure and Combined Detecting Rental System Via Collaborative Filtering	Dr.K.Arul Marie Joycee

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18.	19UCS120	V.Jaya sri	Filtering Risk Sourced Stastical Entrusted Server for Logistics Enhancement	Mrs.K.Kavitha
19.	19UCS121	S.Logitha	Filtering Risk Sourced Stastical Entrusted Server for Logistics Enhancement	Mrs.K.Kavitha
20.	19UCS122	D.Raj kamali	Scalable Secure and Combined Detecting Rental System Via Collaborative Filtering	Dr.K.Arul Marie Joycee
21.	19UCS124	N.Karthika devi	A Security and Privacy Aware Location Based Rewarding System for Franchisee	Dr.S.Thaiyalnayaki
22.	19UCS125	R.Jaya priya	A Security and Privacy Aware Location Based Rewarding System for Franchisee	Dr.S.Thaiyalnayaki
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25.	19UCS128	R.Samini	Differentiated Services Scheme on Cooperative Control for Financial Analysis	Dr.S.Thaiyalnayaki
26.	19UCS129	R.Suganya	A Security and Privacy Aware Location Based Rewarding System for Franchisee	Dr.S.Thaiyalnayaki
27.	19UCS130	K.Rakshaya	Differentiated Services Scheme on Cooperative Control for Financial Analysis	Dr.S.Thaiyalnayaki
28.	19UCS131	R.Bhuvaneshwari	Differentiated Services Scheme on Cooperative Control for Financial Analysis	Dr.S.Thaiyalnayaki
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30.			Unpredictable Travel		
			Management		
		V.Muthu	Centralized Planning Control		
31.	19UCS134	lakshmi	with Authentication in	Mrs.G.Lokeshwari	
		laksiiiii	Service Administration		
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00	19UCS135	R.Keerthana	Algorithm for Dynamic	Mrs.G.Lokeshwari	
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4.	19UBA107	N. Suretha	and Development of Sri Durga Enterprises,	Mrs. R. Kavitha
5.	19UBA109	R. Selsiya	Karaikal.	
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7.	19UBA113	A. Ahafrin Nafiya		
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10.	19UBA106	M. Ayisha Nachiyar	Effectiveness of	
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24.	19UBA122	S. Jegathishwari	A Study on Effectiveness of	Mrs.
25.	19UBA124	V. Ramya	performance Appraisal in Sri Durga Enterprises,	M.Thamilmathi
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A STUDY ON EFFECTIVENESS OF TRAINING AND DEVELOPMENT PROCESS IN SRI DURGA ENTERPRISES, KARAIKAL

Group project submitted to

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A STUDY ON EFFECTIVENESS OF RECRUITMENT AND SELECTION PROCESS IN

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JOB SATISFACTION OF EMPLOYEES - A STUDY WITH SPECIAL REFERENCE TO SRI DURGA ENTERPRISES, KARAIKAL

Group project submitted to

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K. JAYA - 19UBA127

M. HUMAIRA PARVEEN – 19UBA121

N. SAHANA ROSE - 19UBA129

M. AARTHI - 19UBA123

In partial fulfillment of the requirement of the Bachelor of Business Administration for the academic year (2022-2023) is the original work of the candidate.

Signature of the Guide

Signature of the

Date: 30/5/22

Head of the Department

Signature of the Forwarding Authority

THE PRINCIPAL

A.D.M.COLLEGE FOR WOMEN

NAGAPATTINAM

A STUDY ON EFFECTIVENESS OF PERFORMANCE APPRAISAL IN SRI DURGA ENTERPRISES, KARAIKAL

Group project submitted to

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

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

BACHELOR OF BUSINESS ADMINISTRATION

Submitted by

N. KHATHIJA AAFRIN	:-	19UBA116	K. PRIYADHARSHINI	-	19UBA 120
S. JEGATHISHWARI	-	19UBA 122	V. RAMYA		19UBA 124
B. PRIYANKA	-	19UBA126	S. RISHA	_	19UBA 128

Under the supervision of

MRS. M. THAMILMATHI, M.B.A., M.Phil.,

Asst. Professor, Department of Business Administration



DEPARTMENT OF BUSINESS ADMINISTRATION
-A. D. M.COLLEGE FOR WOMEN (AUTONOMOUS)
NAGAPATTINAM
APRIL -2022

Mrs. M.THAMILMATHI, M.B.A., M.Phil.,

Date : 30.05.2022

Assistant Professor,

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CERTIFICATE

This is to certify that the dissertation entitled the "A STUDY ON EFFECTIVENESS OF PERFORMANCE APPRAISAL IN SRI DURGA ENTERPRISES, KARAIKAL" is done under my guidance and submitted by

N. KHATHIJA AAFRIN	•	19UBA116 K. PRIYADHARSHINI	8	19UBA120
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NAGAPATTINAM



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Nagapattinam - 611 001 Tamil Nadu.



DEPARTMENT OF PHYSICS

II B.Sc. Physics - Mini Project

2021-2022

List of the Students Name:

S.No	Reg. No	Name of the Student	Title of the Project	Name of the Guide
1.	20UP101	A.Saranya	Refrigeration and	
2.	20UP102	S.Sathya	Air Conditioning	Dr.R.Rathika
3.	20UP103	K.Nandhini	Systems	
4.	20UP104	K.Mansika		
5.	20UP105	R.Abarna	Stars: Facts about Stellar Formation	Dr. G. Swetha
6.	20UP106	C.Nandhini		
7.	20UP108	S.Sivaranjani	Superconductors: A Revolution Towards	U Dafiya Dany
8.	20UP109	M.Parameshwari	Saving Energy	H. Rafiya Banu
9.	20UP110	R.Akilandeshwari	Wireless Network	R. Rubashri
10.	20UP112	R.Archana	Technology	

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

REFRIGERATION AND AIR CONDITIONING SYSTEMS

GROUP PROJECT



Submitted to DEPARTMENT OF PHYSICS

In Partial fulfillment of the requirement for the award of the Degree of

BACHELOR OF SCIENCE IN PHYSICS

Submitted by

A. SARANYA 20UP101 S. SATHYA 20UP102 K. NANDHINI 20UP103

Under the supervision of
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Assistant Professor in Physics

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

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JUNE - 2022

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

REFRIGERATION AND AIR CONDITIONING SYSTEMS

In Partial fulfillment of the requirement for the award of the Degree of BACHELOR OF SCIENCE IN PHYSICS

Submitted by

A. SARANYA

20UP101

S. SATHYA

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20UP103

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Dr. R. RATHIKA, M.Sc., M.Phil., Ph.D., Assistant Professor in Physics, A.D.M. College for Women, Nagapattinam - 611001.

Date:

CERTIFICATE

This is to certify that this project work has done under my guidance and dissertation entitled "REFRIGIRATION AND AIR CONDITIONING SYSTEMS" being submitted to A.D.M. College for Women (affiliated to Bharathidasan University) by A. SARANYA (20UP101), S. SATHYA (20UP102), K. NANDHINI (20UP103) in partial fulfilment of the requirements of the degree of Bachelor of Science in Physics for the academic year 2021 - 2022, is a bonafide record of the work carried out by the candidate.

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STARS: FACTS ABOUT STELLAR FORMATION

A Mini Project Submitted to

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

(Affiliated to Bharathidasan University, Thiruchirapalli)

In Partial fulfillment of the requirement for Mini Project

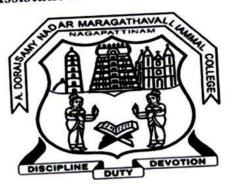
II B.Sc., PHYSICS

Submitted by

Miss. R. ABARNA Reg.No:20UP105

Guided by

Dr. G. SWETHA, M.Sc., Ph.D., Assistant Professor of Physics



May-2022

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STARS: FACTS ABOUT STELLAR FORMATION

Submitted by

Miss. R.ABARNA

Reg. No: 20UP105

A Mini Project Submitted to

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

(Affiliated toBharathidasan University, Thiruchirapalli)

In Partial fulfillment of the requirement for

Mini ProjectII B.Sc., Physics

Eshewther /25/06/23
Signature of the

Internal Examiner

25/06/22

Viva voce conducted or

Signature of the

External Examiner

P.G. DEPARTMENT OF PHYSICS A.D.M. COLLEGE FOR WOMEN (AUTONOMOUS)

(Nationally Reaccredited with "A" Grade by NAAC) Nagapattinam - 611 001

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

SUPERCONDUCTORS: A REVOLUTION TOWARDS SAVING ENERGY GROUP PROJECT



Submitted to DEPARTMENT OF PHYSICS

In partial fulfillment of requirement for the award of Degree of

BACHELOR OF SCIENCE IN PHYSICS

by

S. SIVARANJANI

Reg. No. 20UP108

M. PARAMESHWARI

Reg. No. 20UP109

Under the supervision of Ms. H. RAFIYA BANU H

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(AUTONOMOUS)

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JUNE 2022

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

SUPERCONDUCTORS: A REVOLUTION TOWARDS SAVING ENERGY

In partial fulfillment of requirement for the award of Degree of

BACHELOR OF SCIENCE IN PHYSICS

Submitted by

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Viva Voce Conducted
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Ms. H. RAFIYA BANU Date: 10.06.2022

Assistant Professor of Physics,
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CERTIFICATE

This is to certify that his project work has done under my guidance and dissertation entitled "SUPERCONDUCTORS: A REVOLUTION TOWARDS SAVING ENERGY" being submitted to A.D.M. College for Women (Autonomous), Nagapattinam by S.SIVARANJANI and M.PARAMESHWARI in partial fulfillment of the requirements of UG DEGREE COURSE in B.Sc. Physics for the Academic year 2021 – 2022 is the original work of the candidate.

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

WIRELESS COMMUNICATION NETWORK

GROUP PROJECT



Submitted to

DEPARTMENT OF PHYSICS

In partial fulfillment of requirement for the award of Degree of

BACHELOR OF SCIENCE IN PHYSICS

submitted by

R. AKILANDESHWARI20UP110

R.ARCHANAA20UP112

Under the supervision of

Ms. R. Rubashri, M.Sc., M. Phil.,

Assistant Professor of Physics

PG DEPARTMENT OF PHYSICS

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(AUTONOMOUS)

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JUNE 2022

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

NAGAPATTINAM

WIRELESS COMMUNICATION NETWORK

In partial fulfillment of requirement for the award of Degree of

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Submitted by

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P. Duly INTERNAL EXAMINER EXTERNAL EXAMINER

Viva-voce Conducted
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DEPARTMENT OF TAMIL BA TAMIL- MINI PROJECT

2021 - 2022

List of the Students Name:

S. No	Reg. No	Name of the Student	Title of the Project	Name of the Guide
1.	20UTA101	V.Jenimal	தினமணி நாளிதழ்	Dr. C. J. Pricilla
2.	20UTA102	M. Iswarya	சிறப்பு	
3.	20UTA103	S. Omsakthipriya		
4.	20UTA104	S. Monika		
5.	20UTA105	N. Varsha		
6.	20UTA107	A.Rithika	நாட்டுப்புற	Dr. N. Punithalakshmi
7.	20UTA108	K. Matharasi	பாடல்களில்	
8.	20UTA109	M. Kaviya	வாழ்வியல்	
9.	20UTA110	S. Nishathini	சிந்தனைகள்	
10.	20UTA113	K. Sathiya		
11.	20UTA114	V. Santhiya	சில நேரங்களில்	
12.	20UTA115	P. Karthiga devi	சில மனிதர்கள்	Dr. S. Rajeswari
13.	20UTA117	G. Malathi	நாவல் ஒரு ஆய்வு	
14.	20UTA118	B. Vidya		

அ.து.ம மகளிர் கல்லூரி

(தன்னாட்சி)

நாகப்பட்டினம் தினமணி நாளிதழ் சிறப்பாய்வு

குழுப்பணி



தமிழ்த்துறை

வே.ஜெமிமாள் 20UTA101

மு.ஐஸ்வர்யா 20UTA102

கு.ஓம்சக்திபிரியா 20UTA103

சி.மோனிக்கா 20UTA104

ந.வர்ஷா 20UTA105

மேற்பார்வையின் கீழ் முனைவர் கி.ஜா.பிரிசில்லா

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ஜுன் 2022

முனைவர் கி.ஜா.பிரிசில்லா, உதவிப்பேராசிரியர், தமிழ்த்துறை அ.து.ம மகளிர் கல்லூரி (தன்னாட்சி) நாகப்பட்டினம்

நாள்: 17.06. 2020

மேற்பார்வையாளர் சான்றிதழ்

"தினமணி நாளிதழ் – ஒரு சிறப்பாய்வு" என்னும் தலைப்பில் செய்யப்பட்ட இவ்வாய்வு ஏ.டி.ஏம் மகளிர் கல்லூரி தமிழ் துறையில் தன்னியலாகச் செய்யப் பெற்றது என்று சான்றளிக்கிறேன்.

அவசு≽ | (7|6|722 துறைத்தலைவர் கையொப்பம் மேற்பார்வையாளர் கையொப்பம்

Dr. (Mrs) T.VASUGI, M.A., M.Phil., B.Ed., Ph.D. M.A(W.S) Head / Associate Professor of Tamil, A.D.M.College for Women (Auto). Nagapattinam-611 001.

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நாட்டுப்புறப் பாடல்களில் வாழ்வியல் சிந்தனைகள் குழுப்பணி



தமிழ்த்துறை

அ.ரித்திகா	20UTA107
கோ.மாதரசி	20UTA108
மு.காவியா	20UTA109
சு.நிஷாந்தினி	20UTA110
கோ.சத்யா	20UTA113

மேற்பார்வையின் கீழ் முனைவர்.ந.புனிதலெட்சுமி

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

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ஜீன் 2022

முனைவர்.ந.புனிதலெட்சுமி, உதவிப்பேராசிரியர், தமிழ்த்துறை, அ.து.ம மகளிர் கல்லூரி (தன்னாட்சி), நாகப்பட்டினம்.

நாள் : கூ-06-868

மேற்பார்வையாளர் சான்றிதழ்

"நாட்டுப்புறப் பாடல்களில் வாழ்வியல் சிந்தனைகள்" என்னும் தலைப்பில் செய்யப்பட்ட இவ்வாய்வு ஏ.டி.எம் மகளிர் கல்லூரி (தன்னாட்சி), தமிழ்த் துறையில் தன்னியலாகக் செய்யப் பெற்றது என்று சான்றளிக்கிறேன்.

துறைத்தலைவர் கையொப்பம்

நே. புதைவைப்பட்ட மேற்பார்வையாளர் கையொப்பம்

(Mrs) T.VASUGI, M.A., M.Phil., B.Ed., Ph.D., M.A(W.S) Head / Associate Professor of Tamil. A.D.M.College for Women (Auto). Nagapattinam-611 001.

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அ.து.ம மகளிர் கல்லூரி

(தன்னாட்சி)

நாகப்பட்டினம்

சில நேரங்களில் சில மனிதர்கள்

நாவல்-ஓர் ஆய்வு

குழுப்பணி



தமிழ்த்துறை

V.சந்தியா 20UTA114

P.கார்த்திகா தேவி 20UTA115

G.மாலதி 20UTA117

B.வித்யா 20UTA118

மேற்பார்வையின் கீழ் முனைவர் S. இராஜேஸ்வரி

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ஜுன் 2022

முனைவர் S. இராஜேஸ்வரி உதவிப்பேராசிரியர், தமிழ்த்துறை அ.து.ம மகளிர் கல்லூரி (தன்னாட்சி) நாகப்பட்டினம்

நாள்: 17.6.22

மேற்பார்வையாளர் சான்றிதழ்

"சில நேரங்களில் சில மனிதர்கள் நாவல்-ஓர் ஆய்வு" என்னும் தலைப்பில் செய்யப்பட்ட இவ்வாய்வு ஏ.டி.ஏம் மகளிர் கல்லூரி தமிழ் துறையில் தன்னியலாகச் செய்யப் பெற்றது என்று சான்றளிக்கிறேன்.

அறைத்தலைவர் கையொப்பம்

சு. திராதேஷை விர். 6-2-<u>)</u> மேற்பார்வையாளர் கையொப்பம்

Dr. (Mrs) T.VASUGI, M.A., M.Phil., B.Ed., Ph.D. M.A(W.S) Head / Associate Professor of Tamil, A.D.M.College for Women(Auto), Nagapattinam-611 001.

முதல்வர் கையொப்பம்

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Nagapattinam - 611 001 Tamil Nadu.



DEPARTMENT OF ENGLISH II BA ENGLISH - MINI PROJECT

2021-2022

S.No	Reg. No	Name of the Student	Title of the Project	Name of the Guide
1.	20UEN101	R.Vijayalakshmi	Treatment of devotion	
2.	20UEN102	M.Susmitha	and marriage in Kushawant singh's	C N:
3.	20UEN103	V.Suguna	train to pakistan	S. Nirmala
4.	20UEN104	A.Poojavarshini		
5.	20UEN105	S.Haleemethus Sajitha	Treatment of Love and Marriage Khushwant	S.Nirmala
6.	20UEN114	S.Sowmiya	Singh's 'Train to	5111111101101
7.	20UEN116	J.John Gretta	Pakistan'	
8.	20UEN108	A.Arisha		
9.	20UEN109	J.Sulthana Nasriya		
10.	20UEN110	M.Nafeela	Depiction of Indian in	
11.	20UEN111	E.Thulasika	Kamala Markandaya's	U.Sujatha
12.	20UEN112	V.Barani	'A Handful of Rice'	
13.	20UEN113	P.Arunamuthu		
14.	20UEN115	S. Kanmani		

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

TREATMENT OF DEVOTION AND MARRIAGE IN KUSHAWANT SINGH'S TRAIN TO PAKISTAN GROUP PROJECT



Submitted to

RESEARCH DEPARTMENT OF ENGLISH

In partial fulfillment of requirement for the award of Degree of

BACHELOR OF ARTS IN ENGLISH

by

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Under the supervision of

S. Nirmala

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This is to certify that this project work has done under my guidance and cissertation entitled "Treatment of Devotion and marriage in Kushawant Singh's Train to Pakistan" being submitted to A.D.M. college for women(Autonomous), Nagapattinam by S.Nirmala in partial fulfillment of his requirements of UG DEGREE COURSE in English for the academic year 2021-2022 is the original work of the candidate.

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TREATMENT OF DEVOTION AND MARRIAGE IN KUSHAWANT SINGH'S TRAIN TO PAKISTAN

In partial fulfillment of requirement for the award of Degreeof

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DEPICTION OF INDIAN SOCIETY IN KAMALA MARKANDAYA'S A HANDFUL OF RICE PROJECT TITLE

In partial fulfillment of requirement for the award of Degree of

BACHELOR OF ARTS IN ENGLISH

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DEPARTMENT OF GEOLOGY II B.Sc GEOLOGY - MINI PROJECTS

2021-2022

S.No	Reg. No	Name of the Student	Title of the Project	Name of the Guide
1.	20UG104	K. Durga	Micro Level Mapping of Changes in the Beaches cause by Tsunami in	
2.	20UG113	S. Rasmeen	between Cuddalore and Nagapattinam, Tamilnadu, East Coast of India	Dr. M. Kalliammal

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

MICRO LEVEL MAPPING OF CHANGES IN THE BEACHES CAUSED BY TSUNAMI IN BETWEEN CUDDALORE AND NAGAPATTINAM, TAMILNADU, EAST COAST OF INDIA

GROUP PROJECT



Submitted to

DEPARTMENT OF GEOLOGY

In partial fulfillment of requirement for the award of Degree of

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

CRO LEVEL MAPPING OF CHANGES IN THE BEACHES CAUSED BY TS: NAMI IN BETWEEN CUDDALORE AND NAGAPATTINAM, TAMILNADU, EAST COAST OF INDIA

In partial fulfillment of requirement for the award of Degree of

BACHELOR OF SCIENCE IN GEOLOGY

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2021-2022

S.No	Reg .No	Name of the students	Title of the Project	Name of the Guide
1.	19UCA101	Humaira.S	Navigation through	Dr.K.Arul Marie Joycee
2.	19UCA102	Yasmin.S	Navigation through	Dr.K.Arul Marie Joycee
3.	19UCA103	Cefana Farvin.K	Retrieval recommendation diversity in quality for auditing based techniques	K.Kavitha
4.	19UCA104	Akalya.M		Dr.K.Arul Marie Joycee

S.No	Reg .No	Name of the students	Title of the Project	Name of the Guide
5.	19UCA105	Asmathul Hazeena.S	Retrieval recommendation diversity in quality for auditing based techniques	K.Kavitha
6.	19UCA106	Shafna Aasmi.H	Cloaking techniques for image to conserve confidentiality	K.Kavitha
7.	19UCA107	Fathima Fairose.F	A High Capacity Clustered Morfological Transform Approach in Occupation Data.	Dr.K.Arul Marie Joycee
8.	19UCA108	Sona.C	Delegating and Facilitating User Navigation through accessible shopping improvement	Dr.K.Arul Marie Joycee
9.	19UCA111	Musfira.H	Towards systematized tracking of identification and eradication of defect	K.Kavitha
10.	19UCA112	Hemalatha.S	Retrieval recommendation diversity in quality for auditing based techniques	K.Kavitha

S.No	Reg .No	Name of the students	Title of the Project	Name of the Guide
11.	19UCA113	Lavanya.V	Conditional dissemination over symmetric key based verification for health management	Dr.S.Thaiyalnayaki
12.	19UCA114	Balgina Sulthana.M	Towards systematized tracking of identification and eradication of defect	K.Kavitha
13.	19UCA115	Mathumitha.E	Conditional dissemination over symmetric key based verification for health management	Dr.S.Thaiyalnayaki
14.	19UCA117	Vijayalakshmi.K	Towards systematized tracking of identification and eradication of defect	K.Kavitha
15.	19UCA119	Akalya.M	Cloaking techniques for image to conserve confidentiality	Dr.K.Arul Marie Joycee
16.	19UCA120	Atchaya.M	Conditional dissemination over symmetric key based verification for health management	Dr.S.Thaiyalnayaki

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17.	19UCA121	Nazla Begum.T	Optimal multi functioning discoveri ng detecting under maximizing categorical data patterns	Dr.S.Thaiyalnayaki
18.	19UCA122	Visalini.R	Optimal multi functioning discoveri ng detecting under maximizing categorical data patterns	Dr.S.Thaiyalnayaki
19.	19UCA123	Baahira Rilwana.B	Improved privacy and friendly approach towards transmutation techniques	G.Lokeshwari
20.	19UCA124	Yazhini.K	Improved privacy and friendly approach towards transmutation techniques	G.Lokeshwari
21.	19UCA125	Vembu.R	Optimal multi functioning discoveri ng detecting under maximizing categorical data patterns	Dr.S.Thaiyalnayaki
22.	19UCA126	Reshma.R	A High Capacity Clustered Morfological Transform Approach in Occupation Data.	K.Arul Marie Joycee

RETRIEVAL RECOMMENDATION DIVERSITY IN QUALITY FOR AUDITING BASED TECHNIQUES

Submitted in partial fulfillment of the requirement

for the award of the degree of

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In partial Fulfillment of the requirements for the award of the UG degree course B.C.A, A.D.M. College For Women, Nagapattinam during the year 2021-2022

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1

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TOWARDS SYSTEMATIZED TRACKING OF IDENTIFICATION AND ERADICATION OF DEFECT

Submitted in partial fulfillment of the requirement

for the award of the degree of

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1.

CONDITIONAL DISSEMINATION OVER SYMMETRIC-KEY BASED VERIFICATION FOR HEALTH MANAGEMENT

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

BACHELOR OF COMPUTER APPLICATIONS

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MANAGEMENT" is a Bonafide record of the project work done by

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2.

IMPROVED PRIVACY AND FRIENDLY APPROACH TOWARDS TRANSMUTATION TECHNIQUES

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

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Place: NACIAPATTI NAM.

Date: 16.05.2022

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Of hours

OPTIMAL MULTIFUNCTIONAL DISCOVERING DETECTING AND MAXIMIZING CATEGORICAL DATA PATTERNS

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

BACHELOR OF COMPUTER APPLICATIONS

Submitted By

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Date: 16 /05/2022

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1

CLOAKING TECHNIQUES FOR IMAGES TO CONSERVE CONFIDENTIALITY

Submitted in partial fulfillment of the requirement

for the award of the degree of

BACHELOR OF COMPUTER APPLICATIONS

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DELEGATING AND FACILITATING USER NAVIGATION THROUGH ACCESSIBLE SHOPPING IMPROVEMENT

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

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Submitted By

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Date: 16/05/2022

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2

HIGH CAPACITY CLUSTERED MORPHOLOGICAL TRANSFORM APPROACH IN OCCUPATION DATA

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

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II B.SC BIOCHEMISTRY - MINI PROJECT

2021 - 2022

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1.	20UB101	R. Nivedha		
2.	20UB102	A. Sumaiya Fathima	Scrutinize of	
3.	20UB103	M.Sugapriya	phytochemical analysis in "Mimosa	Dr.G.Sabithira
4.	20UB104	B. Sameera Ashikha	Pudica"(L)	
5.	20UB106	M. Kaviyasri		
6.	20UB107	K. Gokila	Screening of	
7.	20UB108	Adeeba Mohamed Idhris	phytochemical analysis in "Nyctanthes arbour	Ms.M.Bharathi
8.	20UB109	S. Indhumathi	tristis (L)"	

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

SCRUTINIZE OF PHYTOCHMICAL ANALYSIS IN "MIMOSA PUDICA" (L)

GROUP PROJECT



Submitted to

DEPARTMENT OF BIOCHEMISTRY

In partial fulfillment of requirement for the award of Degree of

BACHELOR OF SCIENCE IN BIOCHEMISTRY

by

R.NIVEDHA	20UB101
M.SUMAIYA FATHIYA	20UB102
M.SUGAPRIYA	20UB103
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Under the supervision of

Dr. G. SABITHIRA M.Sc., Ph.D,

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JUNE 2022

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

SCRUTINIZE OF PHYTOCHMICAL ANALYSIS IN "MIMOSA PUDICA" (L)

In partial fulfillment of requirement for the award of Degree of

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted by

R.NIVEDHA	20UB101
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Internal examiner

EXTERNAL EXAMINER

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CERTIFICATE

This is to certify that this project work has been done under my guidance and the project Scrutinize of phytochmical analysis in "mimosa pudica" (L) " being submitted to A.D.M. College for Women (Autonomous), Nagapattinam by II B.Sc., Biochemistry students in partial fulfillment of the requirements of UG DEGREE COURSE in BIOCHEMISTRY for the Academic year 2021- 2022 is the original work of the candidate.

nature of the HOD

Signature of the Guide

Signature of The Forwarding Authority

The Principal

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

Screening of phytochemical analysis in

Nyctanthes arbortristis (L)

In partial fulfillment of requirement for the award of Degree of

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted by

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Nagapattinam -611 001

TamilNadu.



DEPARTMENT OF B.VOC., MARINE FOOD PROCESSING ANDPRESERVATION

TECHNOLOGY

Mini Project

II B.Voc Marine

2021-2022

S.No	Reg.No	Name of the Students	Title of the Project	Name of the Guide
1.	19VZ001	K.Sangavi	History of Planktons	Mrs.B.Revathi
2.	19VZ002	R.Durga	Spoilage of Fish Process and Its Prevention	Mrs.B.Revathi
3.	19VZ003	K.Kalaimathi	Fish Harvesting and Post Harvest Handling of Fishes	Mrs.B.Revathi
4.	19VZ004	M.Suthanthiravalli	What seafood is High in protein	Mrs.B.Revathi
5.	19VZ005	T.Mounika	Fish Protein	Mrs.B.Revathi
6.	19VZ006	B.Parkavi	Value added Fish Products	Mrs.B.Revathi
7.	19VZ007	M.Abinaya	Health Benefits of Fish	
8.	19VZ008	K.Jothika	Spoilage of Fish, Process and Its Prevention	Mrs.B.Revathi
9.	19VZ009	K.Priyanka	Fish Diseases (Parasitism)	Mrs.B.Revathi
10	19VZ010	S.Abinaya	Value added Fish Products	Mrs.B.Revathi
11	19VZ011	R.Lakshmi	Fish Processing and Preservation Technology	Mrs.B.Revathi
12	19VZ012	J.Santhana Jeniva	Marine Aquarium Fish Species	Mrs.B.Revathi
13	19VZ015	V.Reka	Fresh water Aquarium	Mrs.B.Revathi
14	19VZ016	K.Devadharshini	Migration in Fishes	Mrs.B.Revathi
15	19VZ017	S.Divya	Ornamental Fish Culture	Mrs.B.Revathi

A STUDY ON THE VALUE-ADDED FOOD PREPARATIONS RELATED TO THUNNUS ALBACARES (TUNA FISH)

A Dissertation submitted to the
A.D.M College for Women (Autonomous), Nagapattinam.
(Affiliated to Bharathidasan University, Tiruchirappalli)
In partial fulfillment of the requirement for the award of the
Degree of

BACHELOR OF VOCATIONAL

(Marine Food Processing and Preservation Technology)

By

K. SANGAVI

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Under the guidance of

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



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JUNE - 2022



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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 carried out by any candidate.

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A STUDY ON THE VALUE -ADDED FOOD PREPARATIONS RELATED TO PENAEUS MONODON (TIGER PRAWN)

A Dissertation submitted to the
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(Affiliated to Bharathidasan University, Tiruchirappalli)
In partial fulfillment of the requirement for the award of the
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This is certify that dissertation entitled "A STUDY ON THE VALUE ADDED FOOD PREPARATIONS RELATED TO PENAEUS MONODON (TIGER PRAWN)"submitted to A.D.M.College for Women (Autonomous), Nagapattinam, (Affiliated to Bharathidasan University, Tiruchirapalli) for the award of Degree of B.Voc., Marine food Processing and Preservation technology, embodies, the result of the bonofide project work carried out by Miss. R. DURGA (Reg. No. 19VZ002),under my guidance and supervision in the Department of B.Voc., Marine food processing and preservation technology, A.D.M. College for Women (Autonomous), Nagapattinam District, TamilNadu, India.

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

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VALUE ADDED MARINE FOOD (PENAEUS INDICUS) RECIPES

A Dissertation submitted to the

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

(Affiliated to Bharathidasan University, Tiruchirapalli)

In partial fulfillment of the requirement for the award of the

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BACHELOR OF VOCATIONAL

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