

Dr. K. SUJATHA, MBM., M. Com, MPhil, MBA, Ph. D, PGDECOM, PGDCA, SET
Head , Department of Bank Management,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "E-Banking in India" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 76310	AARTHIYA P
CB19C 76311	ABINAYA R
CB19C 76312	ACHAYA V E
CB19C 76313	AKSHAYA M
CB19C 76314	ANUPRIYA M

K. Sujatha
Signature of the Guide

K. Sujatha
Signature of the Head of the Department

The Head
Dept Of B.Com Bank management
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002.

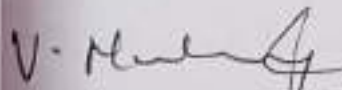


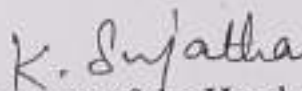
Ms.V.Maheswari, M.Com.,M.Phil.,SET
Assistant Professor,
Department of Bank Management,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Real Time Gross Settlement"
has been carried out by the following students under my supervision and guidance
during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 76315	ANUSIYA BANU N
CB19C 76316	ASVITHA BANU A
CB19C 76317	ATCHAYA B
CB19C 76318	BHUVANESHWARI P
CB19C 76319	BOOMIKA S


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Tiruchirappalli - 620 002.



Ms. M. MEENAKUMARI M.Com., M.Phil.
Assistant Professor,
Department of Bank Management,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Public key Infrastructure"
has been carried out by the following students under my supervision and guidance
during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 76320	BRINDHA K
CB19C 76321	CHELLAMMAL S
CB19C 76322	DENY PRINCY A
CB19C 76323	DEVISRI M
CB19C 76324	DHANALAKSHMI R

M. Meenakumari
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K. Sujatha
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The Head

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Dr. K. SUJATHA, MBM., M. Com, MPhil, MBA, Ph. D, PGDECOM, PGDCA, SET
Head, Department of Bank Management,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Types of Mutual Fund" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 76325	DHANALAKSHMI S
CB19C 76326	ELAKKIYA R
CB19C 76327	FAJIYA K
CB19C 76329	HARINI N
CB19C 76330	HEENA K

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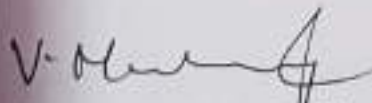


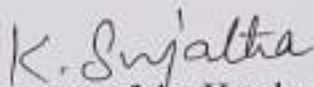
Ms. V. Maheswari, M.Com., M.Phil., SET
Assistant Professor,
Department of Bank Management,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Hire Purchase" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 76332	HEMAPRIYA S
CB19C 76333	ISWARYA K
CB19C 76334	ISWARYA R
CB19C 76335	KAVIBHARATHI K
CB19C 76336	KEERTHANA P


Signature of the Guide


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Dept Of B.Com Bank management
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Ms. M. MEENAKUMARI M.Com., M.Phil.
Assistant Professor,
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Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Automatic teller Machine"
has been carried out by the following students under my supervision and guidance
during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 76337	KIRUTHIKA S
CB19C 76338	KOKILA P
CB19C 76339	LAKSHMI R
CB19C 76340	LAVANYA C
CB19C 76341	LAVANYA R

M. Meenakumari
Signature of the Guide

K. Sujatha
Signature of the Head of the Department

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Head , Department of Bank Management,
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Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "DEBIT CARD " has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 76342	LUMIYA P
CB19C 76343	MAHESHWARI D
CB19C 76344	MANIMEKALAI P
CB19C 76345	MARGRET MARY S
CB19C 76346	MINU K

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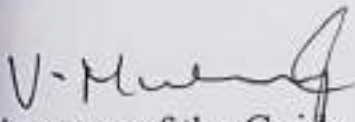
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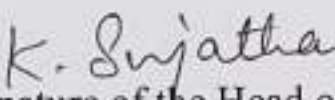
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Department of Bank Management,
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CERTIFICATE

This is to certify that the project work entitled "CREDIT CARD " has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 76347	NIVETHINI R
CB19C 76348	PERIYAKKA M
CB19C 76349	PRIYADHARSHINI M
CB19C 76350	PRIYADHARSHINI S
CB19C 76351	REETHIKA G


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Assistant Professor,
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Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "MOBILE BANKING " has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 76352	RENI BEULAH S
CB19C 76353	ROHINI P
CB19C 76354	RUBIKA S
CB19C 76355	SAKTHI S
CB19C 76356	SELVI M

M. Meena Kumari
Signature of the Guide

K. Sujatha
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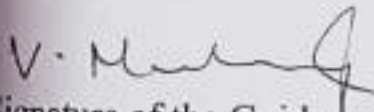


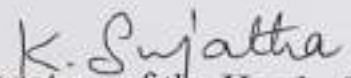
Ms.V.Maheswari, M.Com.,M.Phil.,SET
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Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "FACTORING AND FINANCIAL SERVICES " has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 76357	SHALINI R
CB19C 76358	SHANTHI PRIYA M
CB19C 76359	SHARMILA ANITHA B
CB19C 76360	SUBHIKSHA S
CB19C 76362	SUJITHRA S


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Ms. M. MEENAKUMARI M.Com., M.Phil.
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CERTIFICATE

This is to certify that the project work entitled "CORE BANKING" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 76363	SWEETY M
CB19C 76364	SYEDTALI FATHIMA S S
CB19C 76365	THARUNASRI K
CB19C 76366	VAISHNAVI A
CB19C 76369	YOGALAKSHMI R

M. Meena Kumari
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K. Sujatha
Signature of the Head of the Department

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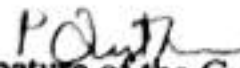



Ms. P. Anitha, M.Sc., M.Phil., PGDCA
Assistant Professor, Department of Biochemistry
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled “**Study on menstrual health and hygiene management of women**” has been carried out by the following students of III B.Sc Biochemistry under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S054601	Abinaya A
CB19S054602	Abirami P
CB19S054603	Chandrika J
CB19S054604	Deepika R
CB19S054605	Dharshini S
CB19S054606	Elakkiya N
CB19S054607	Elamathi P
CB19S054608	Freetha K


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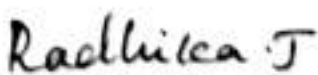
Dr. B. Varalakshmi, M.Sc., M.Phil., B.Ed., Ph.D., SLST.,
Assistant Professor, Department of Biochemistry
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "**Antioxidant assay of *Abutilon indicum* and *Paederia foetida***" has been carried out by the following students of III B.Sc Biochemistry under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S054609	Gayathiri R
CB19S054610	Indumathi N
CB19S054611	Kalaiselvi P
CB19S054612	Kanimozhi A
CB19S054613	Kannika K
CB19S054614	Kaviya M
CB19S054615	Kaviyarasi A
CB19S054616	Keerthana P


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The Head
Dept Of Biochemistry
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002.

Dr. T. Abarna, M.Sc., M.Phil., Ph.D.

Assistant Professor, Department of Biochemistry

Shrimati Indira Gandhi College,

Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "**Analysis of iron and calcium content in moringa oleifera leaves**" has been carried out by the following students of III B.Sc Biochemistry under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S054617	Maheswari D
CB19S054618	Mamtha C
CB19S054619	Manimegalai K
CB19S054620	Muthamilselvi E
CB19S054622	Nivedha B
CB19S054623	Ranjani S
CB19S054624	Raveena G
CB19S054625	Sathyapriya V


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Signature of the Head of the Department

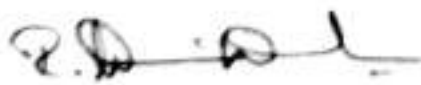
The Head
Dept Of Biochemistry
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002.

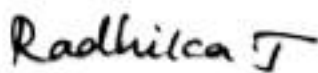
Dr. R. Manikandan, M.Sc., DMLT, Ph.D.
Assistant Professor, Department of Biochemistry
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "**Compare the blood cholesterol level in various age group peoples in our institution**" has been carried out by the following students of III B.Sc Biochemistry under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S054626	Seethalakshmi C
CB19S054627	Shalini G
CB19S054628	Shanthini K
CB19S054629	Shilpa R
CB19S054631	Suvathi P N
CB19S054632	Swetha G
CB19S054633	Vaishnavi P
CB19S054634	Vijayalakshmi R


Signature of the Guide


Signature of the Head of the Department

The Head
Dept Of Biochemistry
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002.

II M.Sc., Biochemistry



BBRC

Biological & Bioinformatics Research Centre

Plot No: 15, Menaga Nagar, No.1 Tolgate, Trichy

CERTIFICATE

This is to Certify that Mrs. C.ARCHANA, (Reg. No: P20351401), Student of Shrimati Indira Gandhi college, Tiruchirappalli, Worked for her project entitled on "SILVER NANOPARTICLE SYNTHESIS AND ANTIMICROBIAL ACTIVITY OF *Trianthema portulacastrum* Linn." in our laboratory, during the period of January 2022-March 2022.

Date: 31.5.2022

Place: Trichy


Director



Dr. E. Angel Jemima., M.Phil., Ph.D., DIWT.,
Chief Executive Officer.

24.05.2022
Thillai Nagar

Certificate of Completion

This is to certify that Ms. ARTHI S. (Reg. No: P20351402) M.Sc., final year student of the Department of Biochemistry, Shrimati Indira Gandhi College, Tiruchirapalli-620002, has successfully completed her final year research project entitled "*IN VITRO* INHIBITORY EFFECTS OF POLYHERBAL FORMULATION ON VIRULENT GENE EXPRESSION OF BIOFILM FORMING BACTERIA IN *Escherichia coli*" under my guidance and supervision from 10th Feb 2022 to 24th May 2022 at Trichy Research Institute of Biotechnology Private Limited, Trichy – 620018. It is further certified that the dissertation or any part thereof has not been submitted elsewhere for any degree or diploma.


Authorized Signature

Dr. E. ANGEL JEMIMA, Ph.D.,
Chief Executive Officer
TRICHY RESEARCH INSTITUTE OF BIOTECHNOLOGY
No 107-D 2nd Floor 9th Cross (East)



BBRC

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Plot No: 15, Menaga Nagar, No.1 Tolgate, Trichy.

CERTIFICATE

This is to Certify that Ms. R. ASHWITHA, (Reg. No: P20351403), Student of Shrimati Indira Gandhi college, Tiruchirappalli, worked for her project entitled on "*IN VITRO* EVALUATION OF ANTIBACTERIAL, ANTIOXIDANT POTENTIAL AND *IN SILICO* MOLECULAR DOCKING OF *Terminalia chebula*" in our laboratory, during the period of January 2022 - April 2022.

Date:



Director

Place: Trichy





BBRC

Biological & Bioinformatics Research Centre

Rasu Complex, Lalgudi main road, No.1 Tolgate, Trichy.

CERTIFICATE

This is to Certify that Mrs. R. DIVYA, (Reg. No: P20351404), Student of Shrimati Indira Gandhi college, Tiruchirappalli, Worked for her project entitled on **"IN VITRO ANTI DIABETIC ACTIVITY OF CATHARANTHUS ROSEUS AND SENNA AURICULATA"** in our laboratory, during the period of January 2022-March 2022.

Date: 31/5/22

Place: Trichy

Director



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CIN No.: U73200TN2017PTC119075

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Chief Executive Officer.

24.05.2022

Thillai Nagar

Certificate of Completion

This is to certify that Ms. FATHIMA BEE S.O, (Reg. No: P20351405) M.Sc., final year student of the Department of Biochemistry, Shrimati Indira Gandhi College, Tiruchirapalli- 620002, has successfully completed her final year research project entitled "COMBATING PATHOGENIC GENE EXPRESSION BY POLYHERBAL FORMULATION ON VAGINAL INFECTION CAUSING MICROORGANISM" under my guidance and supervision from 10th Feb 2022 to 24th May 2022 at Trichy Research Institute of Biotechnology Private Limited, Trichy - 620018. It is further certified that the dissertation or any part thereof has not been submitted elsewhere for any degree or diploma.


Authorized Signature

Dr. E. ANGEL JEMIMA, Ph.D.,
Chief Executive Officer
TRICHY RESEARCH INSTITUTE OF BIOTECHNOLOGY
No 107-D 2nd Floor



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Chief Executive Officer.

24.05.2022
Thillai Nagar

Certificate of Completion

This is to certify that Ms JANANI K, (Reg. No: P20351406) M Sc , final year student of the Department of Biochemistry, Shrimati Indira Gandhi College, Tiruchirappalli-620002, has successfully completed her final year research project entitled "DEVELOPMENT OF MOSQUITO REPELLENT USING POLYHERBAL FORMULATION" under my guidance and supervision from 10th Feb 2022 to 24th May 2022 at Trichy Research Institute of Biotechnology Private Limited, Trichy – 620018. It is further certified that the dissertation or any part thereof has not been submitted elsewhere for any degree or diploma


Authorized Signature

Dr. E. ANGEL JEMIMA, Ph.D.,
Chief Executive Officer
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24.05.2022

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Certificate of Completion

This is to certify that Ms. KANMANI R, (Reg. No: P20351407) M.Sc., final year student of the Department of Biochemistry, Shrimati Indira Gandhi College, Tiruchirapalli- 620002, has successfully completed her final year research project entitled "ANTIMICROBIAL AND ANTIBIOFILM ACTIVITY OF POLYHERBAL COMBINATION AGAINST *Staphylococcus aureus*" under my guidance and supervision from 10th Feb 2022 to 24th May 2022 at Trichy Research Institute of Biotechnology Private Limited, Trichy – 620018. It is further certified that the dissertation or any part thereof has not been submitted elsewhere for any degree or diploma.


Authorized Signature

Dr. E. ANGEL JEMIMA, Ph.D.,
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Certificate of Completion

This is to certify that Ms. KAVIYA R, (Reg. No: P20351408) M.Sc , final year student of the Department of Biochemistry, Shrimati Indira Gandhi College, Tiruchirappalli-620002, has successfully completed her final year research project entitled "*IN VITRO* ANTIOXIDANT AND ANTIDIABETIC ACTIVITY OF *Careya arborea* HYDROALCOHOLIC EXTRACT" under my guidance and supervision from 10th Feb 2022 to 24th May 2022 at Trichy Research Institute of Biotechnology Private Limited, Trichy - 620018. It is further certified that the dissertation or any part thereof has not been submitted elsewhere for any degree or diploma.

Dr. E. ANGEL JEMIMA



Life Science Laboratory
University of Madras

BBRC

Biological & Bioinformatics Research centre

Plot No: 15, Menaga Nagar, No.1 Tolgate, Trichy

CERTIFICATE

This is to Certify that Mrs. R. RAJALAKSHMI, (Reg. No: P20351409), Student of Srimati Indira Gandhi college, Tiruchirappalli, Worked for her project entitled on "ASSESSMENT INVITRO ANTI - INFLAMMATORY ACTIVITY OF *Orthosiphon stamineous Benth.*" in our laboratory, during the period of January 2022-March 2022.

Date : 29.5.22

Place : Trichy

Director



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CIN No. : U73200TN2017PTC11907

Dr. E. Angel Jemima., M.Phil., Ph.D., DIWT.,
Chief Executive Officer.

24.05.2022

Thillai Nagar

Certificate of Completion

This is to certify that Ms. RENUKA B, (Reg. No: P20351410) M.Sc., final year student of the Department of Biochemistry, Shrimati Indira Gandhi College, Tiruchirapalli- 620002, has successfully completed her final year research project entitled "INSECTICIDAL ACTIVITY OF POLYHERBAL FORMULATION" under my guidance and supervision from 10th Feb 2022 to 24th May 2022 at Trichy Research Institute of Biotechnology Private Limited, Trichy – 620018. It is further certified that the dissertation or any part thereof has not been submitted elsewhere for any degree or diploma.



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No 107-D, 2nd Floor 9th Cross (East),
Thillai Nagar, Trichy-620 018.



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Trichy Research Institute of Biotechnology Pvt. Ltd.

Dr. E. Angel Jemima., M.Phil., Ph.D., DIWT.,

Chief Executive Officer.

24.05.2022

Thillai Nagar

Certificate of Completion

This is to certify that Ms. SARVA RAJA MEENATCHI R, (Reg. No: P20351411) M.Sc., final year student of the Department of Biochemistry, Shrimati Indira Gandhi College, Tiruchirapalli- 620002, has successfully completed her final year research project entitled "*IN VITRO* INHIBITORY EFFECTS OF POLYHERBAL FORMULATION ON VIRULENT GENE EXPRESSION OF BIOFILM FORMING BACTERIA IN CHRONIC WOUNDS" under my guidance and supervision from 10th Feb 2022 to 24th May 2022 at Trichy Research Institute of Biotechnology Private Limited, Trichy - 620018. It is further certified that the dissertation or any part thereof has not been submitted elsewhere for any degree or diploma.

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TRICHY RESEARCH INSTITUTE OF BIOTECHNOLOGY PVT. LTD.





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Dr. E. Angel Jemima., M.Phil., Ph.D., DIWT.,
Chief Executive Officer.

24.05.2022

Thillai Nagar

Certificate of Completion

This is to certify that Ms. SIVA SANKARI S, (Reg. No: P20351412) M.Sc., final year student of the Department of Biochemistry, Shrimati Indira Gandhi College, Tiruchirapalli- 620002, has successfully completed her final year research project entitled "IDENTIFICATION OF POTENTIAL NOVEL BIOACTIVE COMPOUNDS FROM *Wrightia tinctoria* (LEAF) AND *Matricaria chamomilla* (FLOWER)" under my guidance and supervision from 10th Feb 2022 to 24th May 2022 at Trichy Research Institute of Biotechnology Private Limited, Trichy – 620018. It is further certified that the dissertation or any part thereof has not been submitted elsewhere for any degree or diploma.

Authorized Signature

Dr. E. ANGEL JEMIMA, Ph.D.,
Chief Executive Officer
TRICHY RESEARCH INSTITUTE OF BIOTECHNOLOGY
No 107-D, 2nd Floor 9th Cross (East),
Thillai Nagar, Trichy-620 018.



TRICHY BIOTECH
Trichy Research Institute of Biotechnology

TRICHY RESEARCH INSTITUTE OF BIOTECHNOLOGY PVT. LTD
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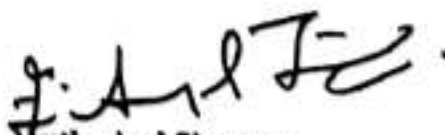
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Dr. E. Angel Jemima, M.Phil, Ph.D., DIWT.,
Chief Executive Officer.

24.05.2022
Thillai Nagar

Certificate of Completion

This is to certify that Ms. SNEHA C, (Reg. No: P20351413) M.Sc., final year student of the Department of Biochemistry, Shrimati Indira Gandhi College, Tiruchirapalli-62002, has successfully completed her final year research project entitled "STUDY OF ANTI-BACTERIAL AND INHIBITION OF GENE EXPRESSION ANALYSIS BY POLYHERBAL FORMULATION AGAINST *Pseudomonas aeruginosa*" under my guidance and supervision from 10th Feb 2022 to 24th May 2022 at Trichy Research Institute of Biotechnology Private Limited, Trichy – 620018. It is further certified that the dissertation in any part thereof has not been submitted elsewhere for any degree or diploma.


Authorized Signature
Dr. E. ANGEL JEMIMA, Ph.D.,
Chief Executive Officer
TRICHY RESEARCH INSTITUTE OF BIOTECHNOLOGY
No 107-D, 2nd Floor, 9th Cross (East).



BBRC

Biological & Bioinformatics Research Centre

Plot No: 15, Menaga Nagar, No.1 Tolgate, Trichy.

CERTIFICATE

is to Certify that Ms S.SNEHA, (Reg. No: P20351414), Student of Shrimati
a Gandhi college, Tiruchirappalli, Worked for her project entitled on "*IN
TO ANTIDIABETIC ACTIVITY OF CYPERUS ROTUNDUS AND
OSPORA CORDIFOLIA AGAINST RIN 5F CELL LINE*" in our laboratory,
of the period of January 2022-March 2022.

at

Trichy


Director



Dr. E. Angel Jemima., M.Phil., Ph.D., DIWT.,
Chief Executive Officer.

24.05.2022
Thillai Nagar

Certificate of Completion

This is to certify that Ms. SRIJA S. R, (Reg. No: P20351415) M.Sc., final year student of the Department of Biochemistry, Shrimati Indira Gandhi College, Tiruchirapalli-620002, has successfully completed her final year research project entitled "DEVELOPMENT OF FOOD WRAPPING MATERIAL USING *Lactobacillus* EXTRACT" under my guidance and supervision from 10th Feb 2022 to 24th May 2022 at Trichy Research Institute of Biotechnology Private Limited, Trichy - 620018. It is further certified that the dissertation or any part thereof has not been submitted elsewhere for any degree or diploma.


Authorized Signature

Dr. E. ANGEL JEMIMA, Ph.D.,
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No 107-D 2nd Floor 9th Cross (East),
Thillai Nagar, Trichy-620-018.

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Chief Executive Officer.

24.05.2022
Thillai Nagar

Certificate of Completion

This is to certify that Ms. YOGESHWARI K. (Reg. No: P20351416) M.Sc.,
final year student of the Department of Biochemistry, Shrimati Indira Gandhi College,
Truchirapalli- 620002, has successfully completed her final year research project entitled
"IN VITRO INHIBITORY EFFECTS OF POLYHERBAL FORMULATION ON
VIRULENT GENE EXPRESSION OF BIOFILM FORMING BACTERIA IN
Pseudomonas aeruginosa" under my guidance and supervision from 10th Feb 2022 to 24th
May 2022 at Trichy Research Institute of Biotechnology Private Limited, Trichy - 620018. It
is further certified that the dissertation or any part thereof has not been submitted elsewhere
for any degree or diploma.



Authorized Signature

Dr. E. ANGEL JEMIMA, Ph.D.,
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TRICHI RESEARCH INSTITUTE OF BIOTECHNOLOGY
No 107-D 2nd Floor 9th Cross (East),
Thillai Nagar, Trichy-620 018.

Dr.P.Shobana,MCS, M.Phil,MBA,Ph.D

Assistant Professor, Department of Business Administration,

Shrimati Indira Gandhi College,


Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled " The role of small scale business in creating employment " has been carried out by the following students under my supervision and guidance during the Academic Year 2019-2022

Register No.	Name of the Student
CB19B218996	Abinaya.R
CB19B218998	Ananthi.J
CB19B218999	Birthous.M
CB19B219000	Charumathi.R
CB19B219001	Deepika.M


Signature of the Guide

for 
Signature of the Head of the Department

The Head
Dept Of Business Administration
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002.

Ms.R.Ramya,M.com,M.Phil

Assistant Professor, Department of Business Administration,

Shrimati Indira Gandhi College,

Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled " Effects of startup business in entrepreneurship " has been carried out by the following students under my supervision and guidance during the Academic Year 2019-2022

Register No.	Name of the Student
CB19B219002	Dhivya.P
CB19B219003	Gajalakshmi.T
CB19B219004	Gousalya.N
CB19B219005	Gousalya.k
CB19B219006	Jaishanthi.J

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Dr.T.Gnana Sounthary,MBA,M.Phil,MA (Eng),DCA,Ph.D
Assistant Professor, Department of Business Administration,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled " Impact of entrepreneurship on the economic environment " has been carried out by the following students under my supervision and guidance during the Academic Year 2019-2022

Register No.	Name of the Student
CB19B219007	Janani.R
CB19B219008	Jayashree.M
CB19B219009	Jayasree.S
CB19B219010	Judi Janet.L
CB19B219011	Kaviarasi.s

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The Head
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Dr.G.Kalaichelvi,M.Com, M.Phil,B.Ed,Ph.D,MBA
Head of the Department of Business Administration,
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CERTIFICATE

This is to certify that the project work entitled " Factors affecting performance of women entrepreneur " has been carried out by the following students under my supervision and guidance during the Academic Year 2019-2022

Register No.	Name of the Student
CB19B219012	Keerthana.S
CB19B219013	Kowsalya.S
CB19B219014	Kowsalya.S
CB19B219015	Krishnaveni.K
CB19B219016	Menaka.S


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The Head
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Assistant Professor, Department of Business Administration,
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Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled " Challenges and prospects of setting up small scale business " has been carried out by the following students under my supervision and guidance during the Academic Year 2019-2022

Register No.	Name of the Student
CB19B219017	Munecawari.M
CB19B219019	Nishanthi.P
CB19B219020	Nivetha.M
CB19B219021	Pavithra.A
CB19B219022	Pradeena.V


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CERTIFICATE

This is to certify that the project work entitled " Human Resource Management In Organisations " has been carried out by the following students under my supervision and guidance during the Academic Year 2019-2022.

Register No.	Name of the Student
CB19B219023	Punithavalli.S
CB19B219024	Ramya.J
CB19B219025	Rubini.S
CB19B219026	Sandhya.H
CB19B219027	Sathya.S


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CERTIFICATE

This is to certify that the project work entitled " Human resource planning and retention " has been carried out by the following students under my supervision and guidance during the Academic Year 2019-2022

Register No.	Name of the Student
CB19B219029	Subashree.D
CB19B219030	Sumathi.K
CB19B219031	Suruthi.E
CB19B219032	Swetha.R
CB19B219033	Vaishnavi.B


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Assistant Professor

Head,Department of Chemistry,


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CERTIFICATE

This is to certify that the project work entitled "Water treatment dye adsorption using biomass wastes" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No	Name of the Student
CB19S 111561	ABINAYASREE. K
CB19S 111562	ABIRAMI. R
CB19S 111563	AGALYA. A
CB19S 111564	BAIRAVI. I
CB19S 111565	CATHERIN. S
CB19S 111566	CHARUMATHI. V
CB19S 111567	DHANALAKSHMI. T
CB19S 111568	DHANALAKSHMI. V


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Ms.S.Mercy Kiruba, M.Sc., B.Ed., M.Phil.,
Assistant Professor
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CERTIFICATE

This is to certify that the project work entitled "Application of Green Chemistry in wastewater treatment" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No	Name of the Student
CB19S 111569	GAYATHRI. J
CB19S 111570	GEETHAVANI. V
CB19S 111571	GOKILA VANI. K
CB19S 111572	GOPIKA. P
CB19S 111573	HARI PRIYA. M
CB19S 111574	JANANI. S
CB19S 111575	JANANISRI. A
CB19S 111576	JEGATHEESWARI. I


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Ms.B.Sasi M.Sc., M.Phil., PGDCA

Assistant Professor

Department of Chemistry,

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CERTIFICATE

This is to certify that the project work entitled "Chemical analysis of Portland Pozzolona Cement" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No	Name of the Student
CB19S 111577	KAMALA PRIYANGA. S
CB19S 111578	MANIMEGALAI. S
CB19S 111579	MONIKA. P
CB19S 111580	NIRAJAA. S
CB19S 111581	NITHARTHINI. B
CB19S 111582	NIVETHA. S
CB19S 111583	PARKAVI. B
CB19S 111584	PARKAVI. V


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Dr.K.Rajalakshmi, M.Sc., B.Ed., M.Phil., Ph.D

Assistant Professor

Department of Chemistry,

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Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Physico chemical analysis of drinking water in Puthur area in Trichy district" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No	Name of the Student
CB19S 111585	PREETHI. R
CB19S 111586	PRIYANGA. B
CB19S 111587	RAJA LAKSHMI. R
CB19S 111588	RANJITHA. R
CB19S 111589	RUBI STELLA MARY. J
CB19S 111590	SARANYA. P
CB19S 111591	SELVI. M
CB19S 111592	SINEHA. C


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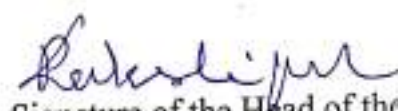
Dr.G.Dayana Jeyaleela, M.Sc., Ph.D.,
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Department of Chemistry,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "**Corrosion Inhibition of Mild Steel by Extract of Bryophyllum Pinnatum Leaves in Acidic Solution**" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No	Name of the Student
CB19S 111594	SOWNDHARYA. R
CB19S 111595	SRINITHI. R
CB19S 111596	SUJEETHA. S
CB19S 111597	SUJITHA. K
CB19S 111598	SUSHMITHA. G
CB19S 111599	SUSHMITHA. M
CB19S 111600	THISTHIKA. S


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The Head
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Dr.L.Bhuvana, M.Sc., B.Ed., M.Phil., Ph.D.,

Assistant Professor

Department of Chemistry,

Shrimati Indira Gandhi College,

Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled “**Physico Chemical analysis of drinking water in Mathur area in Trichy District**” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No	Name of the Student
CB19S 111602	VASUKI. M
CB19S 111603	VINITHRA. R
CB19S 111604	YAZHINI PREETHI. A
CB19S 111605	YAZHINI. T


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Signature of the Head of the Department

**The Head
Dept of Chemistry
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002.**



Dr.A.Hemalatha M.Com., M.Phil., Ph.D
Head,PG and Research Department of Commerce,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "An Analysis of Satisfaction Level of Employees in the Telecom Industry in Tiruchirappalli Town" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68666	M AARTHI
CB19C 68667	G ABINAYA
CB19C 68669	K ANNES SHERLY
CB19C 68670	A ARULMATHI
CB19C 68671	P ARUNA
CB19C 68672	K AVANTHIKA
CB19C 68673	V BALAMBAL
CB19C 68674	A. DIVYA MARY


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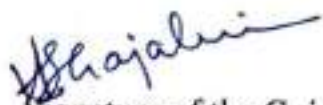
The Head
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Tiruchirappalli-620 002

Dr.S.Gajalakshmi M.Com., M.Phil., Ph.D
Assistant Professor,
PG and Research Department of Commerce,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "A Study on Customers satisfaction level of Home Loans in Private Bank in Trichy District" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68675	A DURGA
CB19C 68676	V DURGAJOTHI
CB19C 68677	R GAYATHRI
CB19C 68678	N GURUSABARI
CB19C 68679	M INDIRA
CB19C 68680	B JAYALAKSHMI
CB19C 68681	P KALAIMATHI
CB19C 68682	E KANIMOZHI


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The Head
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Shrimati Indira Gandhi College
Tiruchirappalli-620 002.

Ms.N.Gomathi M.Com., M.Phil.
Assistant Professor,
PG and Research Department of Commerce,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "The Role and Performance of Insurance Industry in India" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68683	V KASHURI
CB19C 68684	B KEERTHANA
CB19C 68685	M KOWSALYA
CB19C 68686	P KOWSALYA
CB19C 68687	K KRISHNA VENI
CB19C 68688	P KRISHIA
CB19C 68689	J KUMUTHAVALLI
CB19C 68690	R LAKSHMI PRABHA

N. Gomathi,
Signature of the Guide

Hemalata
Signature of the Head of the Department

The Head
Dept. of Commerce
Shrimati Indira Gandhi College
Tiruchirappalli-620 002

Ms.A.Geetha., M.Com.,M.Phil.,
Assistant Professor,
PG and Research Department of Commerce,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "The Role of Insurance Scheme in Health Services" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68691	P MAHESHWARI
CB19C 68693	S MOKANA SOWME
CB19C 68694	N NEELA
CB19C 68695	L S NIVETHA
CB19C 68696	S NIVETHA
CB19C 68697	G PADMA PRIYA
CB19C 68698	M PARA SAKTHI
CB19C 68700	N PRIYA DHARSHINI

A. Geetha
Signature of the Guide

[Signature]
Signature of the Head of the Department

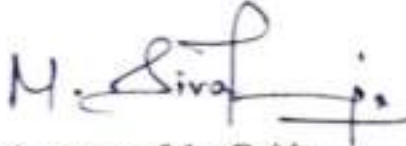
The Head
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Ms.M.Sivapriya M.Com.,M.Phil.,
Assistant Professor,
PG and Research Department of Commerce,
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Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Attitude of College Student in Entrepreneurship" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68701	K PRIYANKA
CB19C 68702	S RAHAMATH
CB19C 68704	B RAKSHANA
CB19C 68706	S RAMYA
CB19C 68707	S RENUKA
CB19C 68708	R RESHMA AATHIRAI
CB19C 68709	E RITHIKA ROSHINI
CB19C 68710	D SANDHIYA


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Dr.K.Vadivukarasi M.Com., M.Phil.,Ph.D
Assistant Professor,
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Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "The Impact and Role of Entrepreneurship on the Economic Growth of India" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68711	A SHAMEEM BANU
CB19C 68712	M SINDHUJA
CB19C 68713	V SNEHA
CB19C 68714	W SNEKA
CB19C 68715	G SOUNDHARYA
CB19C 68716	R SOWMIYA
CB19C 68717	R SUBATHRA
CB19C 68718	K SUJITHA


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Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Promotion of Small and Medium Scale Enterprises" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68720	C SUVATHI
CB19C 68721	K SWETHA
CB19C 68722	R SWETHA
CB19C 68723	S THIRUSHA
CB19C 68724	S THULASI
CB19C 68725	P VINOETHA
CB19C 68726	S VINOETHINI
CB19C 68727	C VINSEELI BABY


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Ms.K.Gita.M.Com., M.Phil.,
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CERTIFICATE

This is to certify that the project work entitled "A study on Customers satisfaction level of Home Loans in Karur Vysa Bank in Trichy District" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68728	S BRUNDHA
CB19C 68729	J CHARULATHA
CB19C 68730	L AARTHI
CB19C 68668	R ABINAYA
CB19C 68731	A AKSHAYA
CB19C 68732	S BHARATHI
CB19C 68733	A BHUVANESHWARI
CB19C 68734	K DHARANIYA


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The Head
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Ms.N.Gomathi M.Com., M.Phil.,
Assistant Professor,
PG and Research Department of Commerce,
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Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "An Study on Attitude of College Teachers in Self Finance Colleges in Tiruchirappalli District." has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68735	K DIVYA
CB19C 68736	N DIVYA
CB19C 68737	N GAYATHRI
CB19C 68738	S GOKULALAKSHMI
CB19C 68739	P GOPIKA
CB19C 68740	M JAITHUN
CB19C 68741	M JANANI
CB19C 68742	R JANAPRIYA

N. Gomathi,
Signature of the Guide

[Signature]
Signature of the Head of the Department

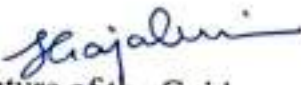
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Dr.S.Gajalakshmi M.Com., M.Phil., Ph.D., MBA.,
Assistant Professor,
PG and Research Department of Commerce,
Shrimati Indira Gandhi College,
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CERTIFICATE

This is to certify that the project work entitled "A Study on Customer Perception Towards Hindustan Products in Trichy" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68743	K JEEVITHA
CB19C 68744	B KALAIVANI
CB19C 68745	P KARTHIKA
CB19C 68746	B KEERTHANA
CB19C 68747	K KOWSALYA
CB19C 68748	K KOWSALYA
CB19C 68749	M LAKSHMI PRIYA
CB19C 68750	S LAKSHMI


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CERTIFICATE

This is to certify that the project work entitled "A Study on Public Sector Banks and its Future" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68751	E MADHUMITHA
CB19C 68752	K MADHUMITHA
CB19C 68753	D MAHESHWARI
CB19C 68692	S MAHESHWARI
CB19C 68754	J MENAGA JERSHA
CB19C 68755	M MUBINA BEGUM
CB19C 68756	A NISHALINI
CB19C 68757	S NITHYAPRIYA



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CERTIFICATE

This is to certify that the project work entitled "Impact of Covid On Indian Economy" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68758	M B NIVETHA
CB19C 68759	B PRAVEENA
CB19C 68760	R PRIYADHARSHINI
CB19C 68761	R RAKSHANA BEGAM
CB19C 68762	N ROFINA NOWFIN
CB19C 68763	R SANJANA
CB19C 68764	N SARANYA
CB19C 68765	S SARUBALA

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CERTIFICATE

This is to certify that the project work entitled "A Study on Significance of Commerce in Today's World" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68766	D SHANMUGA PRIYA
CB19C 68767	N SHANMUGA PRIYA
CB19C 68768	R SHARMILA
CB19C 68769	S SINDHU
CB19C 68770	P SINDHUJA
CB19C 68771	M SNEHA
CB19C 68772	R SONICA
CB19C 68773	M SOWMIYA


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CERTIFICATE

This is to certify that the project work entitled "New Trends In Indian Markets" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68774	R SRIDEVI
CB19C 68775	KA SUBHASHRI
CB19C 68776	M SUBITSHA
CB19C 68777	E SUGANTHA PRIYA
CB19C 68778	S SUGANTHI
CB19C 68779	V SUGANYA
CB19C 68780	G SWATHI
CB19C 68781	M SWETHA


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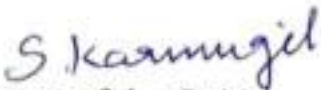
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This is to certify that the project work entitled "A Study on Home Loans schemes Available in City Union Bank Trichy" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68782	B VAISHNA
CB19C 68783	S VARSHINI
CB19C 68784	S VARSHINI
CB19C 68785	G VINOETHINI
CB19C 68786	A ZARAFATH BEGUM
CB19C 68787	ABINAYA.R
CB19C 68788	ABINAYA.S


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This is to certify that the project work entitled "Impact of outsourcing material availability decision making" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68789	ABITHA.F
CB19C 68790	AMBIRANI PANDURANGI
CB19C 68791	AMERTHAVALLE.M
CB19C 68792	ANBOLE.V
CB19C 68793	CHARUDHARSHINI.B
CB19C 68794	DHANA LAKSHMI.T
CB19C 68795	DHARANYA.B
CB19C 68796	HARANI.P


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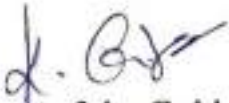
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This is to certify that the project work entitled "Enhancing Employee Performance Through Monetary Incentives" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68797	HEMALATHA.R
CB19C 68798	HEMAVATHI.Y
CB19C 68799	JANANEE.T
CB19C 68800	JANANI.T
CB19C 68801	JENSI.T
CB19C 68802	KAJAPRIYA.D
CB19C 68803	KANIMOZHI.S
CB19C 68804	KARTHIKA.G


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This is to certify that the project work entitled "Role of E-Commerce in Reducing Operational Cost" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68805	KEERTHANA.G
CB19C 68806	KINGSLY MAGDALIN.K
CB19C 68807	KIRUTHIKA.D
CB19C 68808	KIRUTHIKA.K
CB19C 68809	KOKILA.R
CB19C 68810	KOWSALYA.S
CB19C 68811	KRUPA.M
CB19C 68812	LAKSHMI PRIYA.V


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This is to certify that the project work entitled "Reducing Unemployment Through a Co-operative Movement" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68813	LAVANYA.S
CB19C 68815	MAHESHWARI.M
CB19C 68816	MAHESHWARI.S
CB19C 68817	MONICA.K
CB19C 68819	NANDHIDHA.R
CB19C 68820	NARPAVLS
CB19C 68821	NIRMALA.R
CB19C 68822	NITHYA.M

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This is to certify that the project work entitled "Outsourcing Human Resources in Beverage and food Firms" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68823	NIVEKA P
CB19C 68824	PRIYA DHARSHINI.M
CB19C 68825	PRIYA.G
CB19C 68826	PRIYA.R
CB19C 68827	PRIYA DHARSHINI.M
CB19C 68828	RAGHAVI.K
CB19C 68830	REENA DEVI.K
CB19C 68831	REETA.K

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This is to certify that the project work entitled "Analysis of The Contribution of Insurance Companies to The Growth of SME's" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68832	REETHANA.R
CB19C 68833	SANGEETHA.V
CB19C 68834	SARANYA.S
CB19C 68835	SARUMATHLA
CB19C 68836	SIVARANJANI.M
CB19C 68837	SNEHA.R
CB19C 68838	SWETHA.R
CB19C 68839	VANISHA BANU.A


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This is to certify that the project work entitled "Effect of Globalization on National security" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68840	VARSHINI.R
CB19C 68842	ZUVAIRIYA.S
CB19C 68843	AAKARSHINI.V
CB19C 68844	ABINAYA.M
CB19C 68845	ABISHEKA.S
CB19C 68846	BANUPRIYA.S
CB19C 68847	CHRISTY JENOVA.J
CB19C 68848	DHARSHINI.M

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This is to certify that the project work entitled "Impact of E-Commerce on emerging Markets" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68849	ELAVARASI.P
CB19C 68850	GAYATHRI.S
CB19C 68851	HARINI.S
CB19C 68852	HEMADEVIL.L
CB19C 68853	HEMALATHA.M
CB19C 68854	JENCY DHARTHI.S
CB19C 68855	KANCHANA DEVI.V
CB19C 68856	KEERTHANA.R


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This is to certify that the project work entitled "Measuring the Effectiveness of Online Shopping" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68857	KEERTHANA.S
CB19C 68858	KRISHNA KAVIYA.S
CB19C 68859	LEELAVATHI.G
CB19C 68860	LOGESHWARI.V
CB19C 68861	LOGSWARLU
CB19C 68863	NAGAJOTHI.D
CB19C 68864	NARMATHA.G
CB19C 68865	NIKITHA.A


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This is to certify that the project work entitled "An Effective Promotional Tool for Marketing New Product" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68866	POORNIMA.R
CB19C 68867	PRIYADARSHIN.L.G
CB19C 68868	PRIYADHARSHINI.S
CB19C 68869	RAMYA.P
CB19C 68870	RAMYA.R
CB19C 68871	RAMYASHREE.R
CB19C 68872	RIFATH SULTHANA.Z
CB19C 68873	RINOSE BEGAM.S


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CERTIFICATE

This is to certify that the project work entitled "Impact of Foreign Direct Investment " has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68874	ROOBA R
CB19C 68875	SADAIYAMMAL N
CB19C 68876	SAMYUKTHA S
CB19C 68877	SANTHIYA.A
CB19C 68878	SHAALINI DEVI.G.R.
CB19C 68879	SHALINI S
CB19C 68880	SHALINI S
CB19C 68881	SHRUTHIKAA.S


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This is to certify that the project work entitled "Impact of Monetary Policy on Foreign Trade" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68882	SINEKA.S
CB19C 68883	SIVA SHAKTHI.M
CB19C 68884	SIVARANJANI.S
CB19C 68885	SNEHA.M
CB19C 68886	SNEHA.M
CB19C 68887	SNEHA.S
CB19C 68888	SNEKA.R
CB19C 68889	SOUNTHARYA.D

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This is to certify that the project work entitled "Outsourcing decision on International Trade" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68890	SOWMIYA.G
CB19C 68891	SOWMIYA.S
CB19C 68892	SHRIDEVI.M
CB19C 68893	SWETHA.M
CB19C 68894	VINETHA.J
CB19C 68895	VINITHA.R
CB19C 68896	VINOTHINI.M
CB19C 68897	YAMUNA DEVI.K.N.

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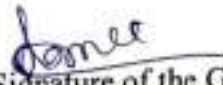
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This is to certify that the project work entitled "Liquidity Management in Commercial Banks" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68703	RAJAKUMARI R
CB19C 68898	BOOMIKA K
CB19C 68899	BOUSIYA R
CB19C 68900	DHARANYA S
CB19C 68902	MANJULA DEVI M
CB19C 68903	SNEKA V
CB19C 68904	SUBHASRI P
CB19C 68906	ABIRAMI V


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This is to certify that the project work entitled "Budgeting and Budgetary control in Business Organization" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68907	AKILA M
CB19C 68908	AKILA M
CB19C 68909	ANTONETTE SHELAHNI A
CB19C 68910	ATCHAYA R
CB19C 68911	BANUPRIYA C
CB19C 68912	BHUVANASHRI V


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This is to certify that the project work entitled "Risk Analysis in Project Accounting" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68913	BHUVANESHWARI P
CB19C 68914	DEVI A
CB19C 68915	DIVYA G
CB19C 68916	GEETHA S
CB19C 68917	HARINI SIVAKAMI VV
CB19C 68918	JANET NIKOLIN D
CB19C 68919	JAYASREE R
CB19C 68920	KALAIYARASI E


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This is to certify that the project work entitled "Problems and Prospects of Co-operative Banks in Rural Development" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68P01	KANDAMIZHI M
CB19C 68P02	KARITHIKA K.
CB19C 68P03	KARITHIKA M
CB19C 68P04	KARTHA K.
CB19C 68P05	KARITHI SHRI C
CB19C 68P06	KARITHIKA S
CB19C 68P07	KARITHIKA P


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This is to certify that the project work entitled "Impact of Information Technology in Accounting System" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68928	LAKSHMY K
CB19C 68929	MADHUMITHA K
CB19C 68930	MAHALAKSHMI A
CB19C 68931	MIRUTHULA R
CB19C68932	MONISHA K
CB19C 68933	NADHIYA N
CB19C 68934	NANDHINI P
CB19C 68935	NANTHINI P


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This is to certify that the project work entitled "Role of Commercial Banks In Small Scale Industries" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68936	NEELAM KUMARI B
CB19C 68937	NITHYASRI K
CB19C 68938	NIVETHA R
CB19C 68939	PADMASRI P
CB19C 68940	PAVITHRA V
CB19C 68941	REVATHY M
CB19C 68942	SANTHIYA M
CB19C 68943	SARASWATHI G

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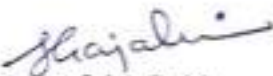
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This is to certify that the project work entitled "Role of Financial Institutions in Export Financing" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68944	SELVAMANI S
CB19C 68945	SHABANA K T
CB19C 68946	SHARMILA N
CB19C 68947	SIVARANJANI G
CB19C 68948	SUBICKSHA S
CB19C 68949	SURIYA M
CB19C 68950	SURUTHIKA E
CB19C 68951	SWATHI D
CB19C 68952	SWATHI J


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This is to certify that the project work entitled "Role of Management Accountant in Profit Maximisation" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 68953	THAWLATH KHANEE K
CB19C 68954	UDHAYAKUMARI P
CB19C 68955	VAISHNAVI S
CB19C 68956	VIRGINIA M
CB19C 68958	YOKESHWARI


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This is to certify that the project work entitled "Investment management in OLA" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No	Name of the Student
CB19C 76866	ANIS FATHIMA Z
CB19C 76867	ATCHAYA R
CB19C 76868	AZHAGUMEENA M
CB19C 76869	BRINDHA E
CB19C 76870	CHITRA DEVI M
CB19C 76871	DEEPIKA M
CB19C 76872	DEEPIKA P
CB19C 76873	DHANALAKSHMI E


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This is to certify that the project work entitled "The Decision making process of indian consumers for Life insurance" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No	Name of the Student
CB19C 76874	DHARANI K
CB19C 76875	DHARSHINI R
CB19C 76876	DHIVYA BHARATHI G
CB19C 76877	DIVYA SRI R
CB19C 76878	DIVYA LAKSHMI S
CB19C 76879	DURGA DEVI C
CB19C 76880	GAYATRI K
CB19C 76881	GNANAVALLI V A


Signature of the Guide


Signature of the Head of the Department

The Head
Dept. of Commerce
Shrimati Indira Gandhi College
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Ms.N.Gomathi M.Com.,M.Phil
Assistant Professor,
PG and Research Department of Commerce,
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CERTIFICATE

This is to certify that the project work entitled "Detailed study on a food franchise" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No	Name of the Student
CB19C 76882	GOWSALYA K
CB19C 76883	HARANI B
CB19C 76884	HARI PRIYA G
CB19C 76885	HARINI M
CB19C 76886	HARSHAVARDHINI V
CB19C 76887	HELEN JULIET S
CB19C 76888	KANMANI K
CB19C 76889	KAVIYA K

N. Gomathi,
Signature of the Guide

W. Theudal,
Signature of the Head of the Department

The Head
Dept. of Commerce
Shrimati Indira Gandhi College
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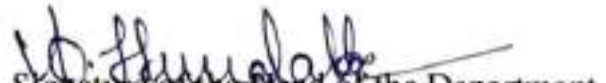
Dr.A.Hemalatha M.Com., M.Phil., Ph.D
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CERTIFICATE

This is to certify that the project work entitled "The Decision making process of indian consumers for Life insurance" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 76890	KAVIYARASI C
CB19C 76891	KEERTHANA S
CB19C 76892	KEERTHIKA M
CB19C 76893	KEERTHIKA R
CB19C 76895	LATHA T
CB19C 76896	MARCELIN EFFCY LUTHOVICA J
CB19C 76897	MOUNA JOTHI P
CB19C 76898	NANDHINI S S


Signature of the Guide


Signature of the Head of the Department

The Head
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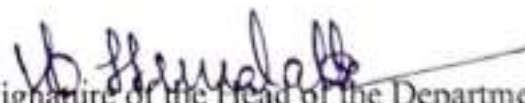
Ms.K.Poornapushkala M.Com.,M.Phil
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CERTIFICATE

This is to certify that the project work entitled "Studying the Home Loans offered by Bank" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 76899	NAZIYA M
CB19C 76900	NITHYA M
CB19C 76901	PAVITHRA R
CB19C 76902	POOJASRI A
CB19C 76903	PRABHA R
CB19C 76904	PRAVEENA M
CB19C 76905	PREETHI P
CB19C 76906	PRIYADHARSHINI A


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CERTIFICATE

This is to certify that the project work entitled "The Effect of Different Leadership Styles" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 76907	PRIYADHARSHINI R
CB19C 76908	PRIYADHARSHINI S
CB19C 76909	PUNITHA S
CB19C 76910	PUNITHA PRIYADHARSHINI A
CB19C 76911	ROSHINI M S
CB19C 76912	SANGAVI B
CB19C 76913	SASIKALA S
CB19C 76914	SHOBANA S
CB19C 76915	SHURUTHI RAJAM B
CB19C 76916	SINEKA V



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Ms.N.Saraswathi M.Com.,M.Phil
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CERTIFICATE

This is to certify that the project work entitled "The Impact of Demonetization" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19C 76917	SOUNDARYA G
CB19C 76918	SRI NARMATHA K
CB19C 76919	SUBASHREE G
CB19C 76921	SUSMITHA B
CB19C 76922	UMA S
CB19C 76923	VIJAYALAKSHMI V
CB19C 76924	VINSILA A
CB19C 76925	VISHALINI V


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Signature of the Head of the Department

The Head
Dept. of Commerce
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Mrs. N. SHANTHI., M.com., M.Phil., M.A., D.A.A.,
Assistant Professor,
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CERTIFICATE

This is to certify that the project entitled "A STUDY ON CONSUMER BEHAVIOUR TOWARDS WATER PURIFIER IN TIRUCHIRAPPALLI TOWN" Submitted to the BHARATHIDASAN UNIVERSITY by M.AARTHI (Reg. No. P 20111401) in partial fulfilment of the requirement for award of the degree of MASTER OF COMMERCE and the work was carried as an independent work under my supervision for the academic period 2021-2022.

M. Aarthi.

Signature of the Candidate



Signature of the Guide



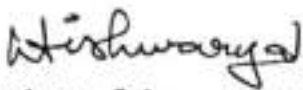
Head of the Department

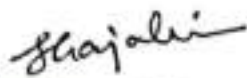
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Dr. S. GAJALAKSHMI., M. Com., M. Phil., Ph.D., MBA,
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CERTIFICATE

This is to certify that this project work has been done under my guidance and dissertation work entitled "A STUDY ON CONSUMER PREFERENCE TOWARDS BEAUTY PARLOUR SERVICES IN TIRUCHIRAPPALLI TOWN" submitted by L. AISHWARYA (Register Number: P20111402) in Partial fulfilment of the requirement of the M.Com., Degree for the academic Period 2020-2022 is she original work of the candidate.


Signature of the candidate


Signature of the Guide


Signature of the

Head of the Department.

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MS. N. SARSWATHI., M.Com., M.Phil., B.Ed., NTA-NET.,

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CERTIFICATE

This is to certify that the project entitled "A STUDY ON CUSTOMER SATISFACTION TOWARDS SERVICES PROVIDED BY STATE BANK OF INDIA IN TIRUCHIRAPPALLI TOWN" Submitted to the BHARATHIDASANUNIVERSITY by L.BHAVANI (Reg. No. P 20111403) in partial fulfilment of the requirement for award of the degree of MASTER OF COMMERCE and the work was carried as an independent work under my supervision for the academic period 2021-2022.

L. Bhavani
Signature of the Candidate

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Signature of the Guide

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CERTIFICATE

This is to certify that the project entitled "A STUDY ON CONSUMER PREFERENCE TOWARDS HEALTH DRINKS IN TIRUCHIRAPPALLI TOWN" Submitted BHARATHIDASAN UNIVERSITY by P.DHARANI (Register no: P 20111404) in partial fulfilment of the requirement for the degree of MASTER OF COMMERCE and the work was carried as an independent work under my supervision for the academic period 2021-2022.

P. Dharaani

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N. Gomathi

Signature of the Guide


Signature of the

Head of the Department

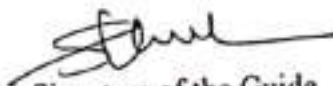
The Head
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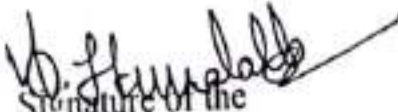
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CERTIFICATE

This is to certify that the project work done under my guidance entitled "A STUDY ON CONSUMER PREFERENCE TOWARDS MARUTI SUZUKI CARS IN THIRUCHIRAPALLI TOWN" submitted by DHARSHINI C (P20111405) in partial fulfilment of the requirement for the award of the degree of MASTER OF COMMERCE of the BHARATHIDASAN UNIVERSITY, THIRUCHIRAPALLI for the academic year 2022. This Project work is the original work of the candidates.


Signature of the Candidates


Signature of the Guide


Signature of the

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Dr. O.T.V. LATASRI.,M.Com.,M.Phil.,Ph.D.,

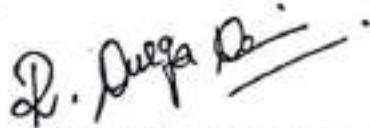
Assistant professor in commerce,

Shrimati Indira Gandhi College,

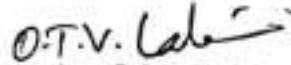
Tiruchirappalli - 620 002.

CERTIFICATE

This is to certify that the project entitled "A STUDY ON CONSUMER PREFERENCE TOWARDS SOCIAL NETWORKING APPS IN TIRUCHIRAPPALLI TOWN" Submitted to the BHARATHIDASAN UNIVERSITY by R.DURGADEVI (Reg. No. P 20111407) in partial fulfilment of the requirement for the degree of MASTER OF COMMERCE and the work was carried as an independent work under my supervision for the academic period 2021-2022 .



Signature of the Candidate



Signature of the Guide

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Signature of the Head of the Department

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Mrs. K. KAVITHA., M.Com., M.Phil., UGC-NET.,
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CERTIFICATE

This is to certify that the project entitled "A STUDY ON CONSUMER SATISFACTION TOWARDS PATANJALI PRODUCTS WITH REFERENCE TO TIRUCHIRAPPALLI TOWN" Submitted to the BHARATHIDASAN UNIVERSITY by N.GAJALAKSHMI(Reg. No. P 20111408) in partial fulfilment of the requirement for the degree of MASTER OF COMMERCE and the work was carried as an independent work under my supervision for the academic period 2021-2022 .

N. Gajalakshmi

Signature of the Candidate

Domit

Signature of the Guide

D. Sundar
Signature of the

Head of the Department
The Head
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CERTIFICATE

This is to certify that the project entitled "A STUDY ON CONSUMER PREFERENCE TOWARDS VARIOUS BRAND OF COSMETICS IN TIRUCHIRAPPALLI TOWN" Submitted to the BHARATHIDASAN UNIVERSITY by K.GAYATHRI (Reg. No.P20111409) in partial fulfilment of the requirement for the degree of MASTER OF COMMERCE and the work was carried as an independent work under my supervision for the academic year 2021-2022.

K. Gayathri

Signature of the Candidate

Kajali

Signature of the Guide

W. Sundar
Head of the Department

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Dr.N. SARATHA., M.Com., M.Phil., M.B.A., PGDECom.,Ph.D.,

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Tiruchirappalli - 620 002.

CERTIFICATE

This is to certify that the project entitled "A STUDY ON FINANCIAL PERFORMANCE ANALYSIS TOWARDS LIFE INSURANCE CORPORATION OF INDIA, TIRUCHIRAPPALLI" is a bonafide record of the project done and submitted to BHARATHIDASAN UNIVERSITY by S.GAYATHRI (Reg. No.P20111410) in partial fulfilment of the requirement for the degree of MASTER OF COMMERCE and the work was carried as an independent work under my supervision for the academic period 2021-2022.

S. Gayathri

Signature of the Candidate

N. Saratha

Signature of the Guide


Signature of the Head of the Department

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MS. G. ANANDH., M.Com., M.Phil.,

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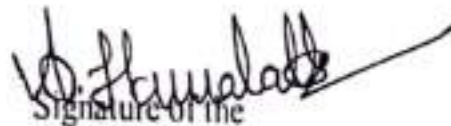
Tiruchirappalli - 620 002.

CERTIFICATE

This is to certify that the project entitled "AN ANALYSIS OF AWARENESS AND EFFECTIVENESS OF DIGITAL BANKING SERVICES OF HDFC BANK IN TIRUCHIRAPPALLI TOWN" Submitted to the BHARATHIDASAN UNIVERSITY by M.HEMALATHA (Reg. No. P 20111411) in partial fulfilment of the requirement for award of the degree of MASTER OF COMMERCE and the work was carried as an independent work under my supervision for the academic period 2021-2022.

M. Hemalatha
Signature of the Candidate


Signature of the Guide


Signature of the

Head of the Department

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MS. V.DHANABAKIYALAKSHMI, M.Com., M.Phil.,

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CERTIFICATE

This is to certify that the project entitled "GREEN MARKETING AND IT'S IMPACT OF CONSUMER BUYING BEHAVIOUR IN TIRUCHIRAPPALLI TOWN " is a Project Record done and submitted to the BHARATHIDASAN UNIVERSITY by S. JEGASRI (Reg. No. P 20111412) in partial fulfilment of the requirement for the degree of MASTER OF COMMERCE and the work was carried as an independent work under my supervision for the academic period 2021-2022 .

S. Jegasri

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SIGNATURE OF THE GUIDE

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Dr. R.VANI, M.Com.,M.Phil.,D.E.O.,D.E.Com.,Ph.D.,
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CERTIFICATE

This is to certify that the project entitled "A STUDY ON CUSTOMER PERCEPTION TOWARDS COLOR PSYCHOLOGY IN MARKETING IN TIRUCHIRAPPALLI TOWN" is a project record done and submitted to the BHARATHIDASAN UNIVERSITY by A. JERLIN RENITA MARY (Reg. No. P 20111413) in partial fulfilment of the requirement for the degree of MASTER OF COMMERCE and the work was carried as an independent work under my supervision for the academic period 2021- 2022.

A. Jerlin Renita Mary

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R. Vani

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CERTIFICATE

This is to certify that the project entitled "A STUDY ON CONSUMER PREFERENCE TOWARDS FACE WASH IN TIRUCHIRAPPALLI TOWN" submitted to the BHARATHIDASAN UNIVERSITY by S.JESICA NIRMALA (Reg No P 20111414) in partial fulfilment of the requirement for the degree of MASTER OF COMMERCE and the work was carried as an independent work under my supervision for the academic period 2021-2022.

S. Jessica Nirmala.

Signature of the Candidate

P. S. Senthil Kumar

Signature of the Guide

V. S. Senthil Kumar

Signature of the

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The Head

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CERTIFICATE

This is to certify that the project entitled "A STUDY ON CONSUMER PREFERENCE OF DIFFERENT BRANDS OF SHAMPOO WITH REFERENCE IN TIRUCHIRAPPALLI TOWN" Submitted to the BHARATHIDASAN UNIVERSITY by R.LOGESHWARI (Reg. No. P 20111415) in partial fulfilment of the requirement for the degree of MASTER OF COMMERCE and the work was carried as an independent work under my supervision for the academic period 2021-2022 .

P. Logeshwari
Signature of the Candidate

V. Hemalatha
Signature of the Guide

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V. Hemalatha
Signature of the

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CERTIFICATE

This is certify that the project work done under my guidance entitled

"A STUDY CUSTOMER SATISFACTION TOWARDS BABY CARE PRODUCTS IN TRICHIRAPPALLI TOWN" submitted by Ms. S. LOGESWARI (Reg.No.P20111416) in partial fulfilment of the requirement for the award of the MASTER OF COMMERCE of the BHARATHIDASAN UNIVERSITY, TRICHIRAPPALI for the academic year 2020-2022 is the original work of the candidate.

S. Logeswari
Signature of the candidate

A. Geetha
Signature of the guide

V. Humalata
Signature of the

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CERTIFICATE

This is to certify that the dissertation entitles "A STUDY ON RATIO ANALYSIS OF LG COMPANY LIMITED TIRUCHIRAPPALLI" submitted by MADHUMITHA.K(P20111417) in partial fulfilment of the requirement for the award of the degree of MASTER OF COMMERCE by BHARATHIDASAN UNIVERSITY, THIRUCHIRAPALLI for the academic year 2022. This project work is the original work of the candidate.

K. Madhumitha

Signature of the Candidate

J. Gita

Signature of the Guide

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CERTIFICATE

This is to certify that the project entitled "A STUDY ON CONSUMER SATASFICATION TOWARDSMOBILE PHONE USERS IN TIRUCHIRAPPALLI TOWN" Submitted to the BHARATHIDASAN UNIVERSITY by A. MITHILA (Reg. No. P 20111418) in partial fulfilment of the requirement for the degree of MASTER OF COMMERCE and the work was carried as an independent work under my supervision for the academic period 2021-2022.

A. Mithila
Signature of the Candidate

N. Saratha.
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This is to certify that the project entitled "A STUDY OF BRAND PROMOTION STRATEGY OF ZOMATO AND SWIGGY IN TIRUCHIRAPPALLI TOWN" Submitted to the BHARATHIDASAN UNIVERSITY by V.NITHYASRI (Reg. No.P 20111420) in partial fulfilment of the requirement for the degree of MASTER OF COMMERCE and the work was carried as an independent work under my supervision for the academic period 2021-2022 .


Signature of the Guide

The Head
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Signature of the Head

of the Department
The Head
Dept. of Commerce
Shrimati Indira Gandhi College
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Signature of the Principal

DR. K. SUJATHA, MRM., MCOM., MPhil., PGDCA., PGDE.C., Ph.D., MBA.,
SFT

Head of the department of B.com Bank Management,

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CERTIFICATE

This is to certify that the project entitled "A STUDY ON CUSTOMER SATISFACTION TOWARDS SONY TELEVISION IN TIRUCHIRAPPALLI TOWN" is a project record done and submitted to the BIARATHIDASAN UNIVERSITY by R.NIVEDHA (Reg. No. P20111421) in partial fulfillment of the requirement for award of the degree of MASTER OF COMMERCE and the work was carried as an independent work under my supervision for academic period 2021-2022.

R. Nivedha

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K. Sujatha

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W. Sundar

SIGNATURE OF THE HEAD OF THE DEPARTMENT

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Mrs. A. GEETHA M.Com., B.Ed., M.Phil.,

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Srimati Indira Gandhi college,

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CERTIFICATE

This is to certify that the project entitled "A STUDY ON CUSTOMER SATISFACTION ON JEWEL LOAN IN CO-OPERATIVE SOCIETY WITH REFERENCE TIRUCHIRAPPALLI TOWN" is a project record done and submitted to the BHARATHIDASAN UNIVERSITY by R. NIVETHA (Reg.No. P 20111422) in partial fulfilment of the requirement for the degree of MASTER OF COMMERCE and the work was carried as an independent work under my supervision for the academic period 2020-2022.

R. Nivetha

SIGNATURE OF THE CANDIDATE

A. Geetha

SIGNATURE OF THE GUIDE

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Dr. O.T.V. LATASRI.,M.com.,M.Phil.,Ph.D.,

Assistant professor in commerce,

Shrimati indira Gandhi college,

Tiruchirappalli - 620 002.

CERTIFICATE

This is to certify that the project entitled "A STUDY ON CONSUMER BUYING BEHAVIOUR TOWARDS AIR CONDITIONERS IN TIRUCHIRAPPALI TOWN" submitted to the BIHARATHIDASAN UNIVERSITY by J.PAVITHRA (Reg. No. P 20111423) in partial fulfilment of the requirement for the degree of MASTER OF COMMERCE and the work was carried as an independent work under my supervision for the academic period 2021-2022.

J. Pavithra
Signature of the Candidate

O.T.V. Latasri
Signature of the Guide

Dr.O.T.V.LATASRI, M.COM., M.PHIL., Ph.D.
Asst. Prof. in Commerce,
Convener in Charge,
PG & Research Dept. of Commerce,
Shrimati Indira Gandhi College,
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[Signature]
Signature of the Head of the Department

The Head
Dept. of Commerce
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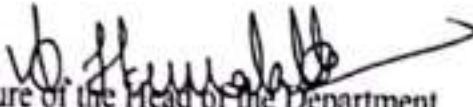
Mrs. K. GITA, M.Com., M.Phil.,
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CERTIFICATE

This is to certify that the project work done under my guidance entitled "A STUDY ON MOBILE BANKING SERVICES AT STATE BANK OF INDIA WITH SPECIAL REFERNCE TO WORAIYUR BRANCH TIRUCHIRAPPALLI" submitted by POORNIMA M (P20111424) in partial fulfilment by requirement for the award of the degree of MASTER OF COMMERCE of the BHARATHIDASAN UNIVERSITY, THIRUCHIRAPALLI for the academic year 2022. This Project work is the original work of the candidate.

M. Poornima
Signature of the Candidate


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This is to certify that the project work done under my guidance entitled **A STUDY ON CUSTOMER SATISFACTION TOWARDS FSM HYPER IN TIRUCHIRAPPALLI DISTRICT** submitted by **POORNIMA M(P20111425)** in partial fulfilment of the requirement for the award of the degree of **MASTER OF COMMERCE** of the **BHARATHIDASAN UNIVERSITY, TIRUCHIRAPALLI** for the academic year 2022. This Project work is the original work of the candidates.

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S. Karmugil
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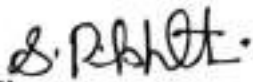
Tiruchirappalli - 620 002.

CERTIFICATE

This to certify that the project work, done under my guidance, entitled

"A STUDY ON CONSUMERS ATTITUDE TOWARDS VIRAL MARKETING IN TRICHIRAPPALLI TOWN" submitted by **Ms. S. PRABHAVATHI**

(Reg.No. P20111426) in partial fulfilment of the requirement for the award of the **MASTER OF COMMERCE** of the **BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALI** for the academic year 2020-2022 is the original work of the candidate.



Signature of the candidate



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MS. N. SARASWATHI, M.Com., M.Phil., B.Ed., NTA - NET.

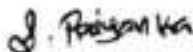
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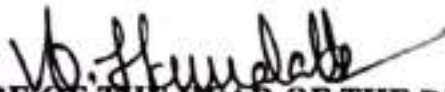
This is to certify that the project entitled "A STUDY ON CUSTOMER SATISFACTION ON HERO MOTOCORP IN TIRUCHIRAPPALLI TOWN" is a project record done and submitted to the **BHARATHIDASAN UNIVERSITY** by **S. PRIYANKA** (Reg. No. P 20111427) in partial fulfilment of the requirement for the degree of **MASTER OF COMMERCE** and the work was carried as an independent work under my supervision for the academic period **2021-2022**.



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This is to certify that the project entitled "A STUDY ON STRESS MANAGEMENT OF WORKING WOMEN IN TIRUCHIRAPPALLI" Submitted to the **BHARATHIDASAN UNIVERSITY** by **G.RATHI** (Reg. No. P 20111428) in partial fulfilment of the requirement for the degree of **MASTER OF COMMERCE** and the work was carried as an independent work under my supervision for the academic period **2021-2022.**

G. Rathi

SIGNATURE OF THE CANDIDATE

P. Kamalavalli

SIGNATURE OF THE GUIDE

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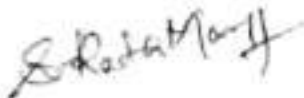
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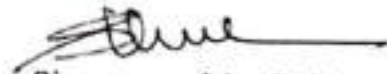
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This is to certify that the project work done under my guidance entitled "**A STUDY ON CONSUMER PREFERENCES TOWARDS DIGITAL PAYMENT SERVICES IN THIRUCHIPALLI**" submitted by **REETA MARY S(P20111429)** in partial fulfilment of the requirement for the award of the degree of **MASTER OF COMMERCE** of the **BHARATHIDASAN UNIVERSITY, THIRUCHIRAPALLI** for the academic year 2022. This Project work is the original work of the candidates.



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This is to certify that the project entitled "A STUDY ON CONSUMER BEHAVIOUR WITH RESPECT TO CADBURY CHOCOLATES IN TIRUCHIRAPPALLI TOWN" Submitted to the **BHARATHIDASAN UNIVERSITY** by **R.K.SHARMILA (Reg. No. P 20111430)** in partial fulfilment of the requirement forward of the degree of **MASTER OF COMMERCE** and the work was carried as an independent work under my supervision for the academic period **2021-2022**.

R.K. Sharmila

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N. Shanthi
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This is to certify that the project work done under my guidance entitled "A COMPARATIVE ANALYSIS ON MUTUAL FUND AND INVESTOR PERCEPTION TOWARDS NANA AND SONS FINANCIAL SERVICES, CHENNAI" submitted by R.SHEETHAL (P20111431) in partial fulfilment of the requirement for the award of the degree of MASTER OF COMMERCE, BHARATHIDASAN UNIVERSITY, THIRUCHIRAPALLI for the academic year 2021-2022. This Project work is the original work of the candidates and was done under my guidance and supervision.

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A. Sheethal
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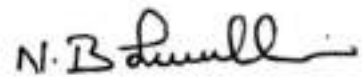
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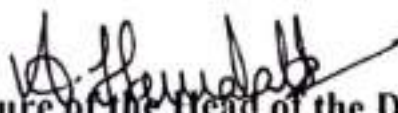
This is to certify that the project work done under by guidance and the dissertation entitled " A STUDY ON CUSTOMER SATISFACTION TOWARDS MEESHO ONLINE SHOPPING IN TIRUCHIRAPPALLI TOWN" submitted by S.SOWNDHARYA (REG.NO: P20111433) in partial fulfillment of the requirement for the award of MASTER OF COMMERCE in the BHARATHIDASAN UNIVERSITY, THIRUCHIRAPPALLI for the academic year 2020 – 2022 original work of the candidate.



Signature of the Candidate



Signature of the Guide



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This is to certify that the project work done under my guidance entitled "A STUDY ON CONSUMER PREFERNCES TOWARDS TOOTHPASTE IN TIRUCHIRAPPALLI TOWN" submitted by R. SUGANYA (P20111434) in partial fulfilment of the requirement for the award of the degree of MASTER OF COMMERCE, BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI for the academic year 2021-2022. This Project work is the original work of the candidate and was done under my guidance and supervision.


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This is to certify that the project entitled "A STUDY ON CONSUMER BEHAVIOUR TOWARDS ONLINE SHOPPING WITH SPECIAL REFERENCE TO FLIPKART AND AMAZON.IN AT TIRUCHIRAPPALLI TOWN" Submitted to the BHARATHIDASAN UNIVERSITY by S.SUGANYA (Reg. No. P 20111435) in partial fulfilment of the requirement for award of the degree of MASTER OF COMMERCE and the work was carried as an independent work under my supervision for the academic period 2021-2022.

S. Suganya
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This is to certify that the project work done under my guidance and entitled "A STUDY ON CUSTOMER SATISFACTION TOWARDS FLIPKART IN TIRUCHIRAPPALLI TOWN submitted by C. VAITHEKI REG.NO: P20111436 in partial fulfillment of the requirement for the award of the degree of MASTER OF COMMERCE, BHARATHIASAN UNIVERSITY, TIRUCHIRAPPALLI, for the academic Year 2021-2022 is the original work for the candidate.

C. Vaitheki

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This is to certify that the project entitled "**THE STUDY ON
CUSTOMER SATISFACTION TOWARDS ROYAL ENFIELD IN
TIRUCHIRAPPALLI TOWN**" Submitted to the **BHARATHIDASAN
UNIVERSITY** by **S. VASUNDHARA (Reg. No. P 20111437)** in
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COMMERCE** and the work was carried as an independent work under
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R. Vani
Signature of the Guide

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This is to certify that the dissertation work entitled ““A STUDY ON WORKING CAPITAL IN KOTHARI SUGAR FACTORY AT TRICHY” Submitted by D.ANUSHA (Reg.No.2K21FT-23091) to BHARATHIDASAN UNIVERSITY TIRUCHIRAPPALLI in partial fulfillment of the requirements for the award to the degree of MASTER OF PHILOSOPHY IN COMMERCE during the academic Year 2021-2022. This dissertation work is done by the candidate under my guidance.



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Dr.A.HEMALATHA.,M.Com.,M.Phil.,PH.D,

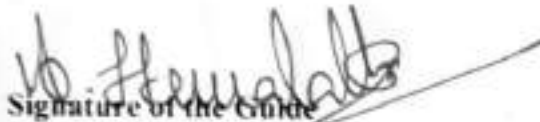
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This is to certify that the dissertation work entitled " A STUDY ON EQUITY ANALYSIS OF AUTOMOBILE SECTOR IN MARUTI SUZUKI AND MAHINDRA & MAHINDRA" Submitted by S.MADHUMITHA (Reg.No.2K21FT-23092) to BHARATHIDASAN UNIVERSITY TIRUCHIRAPPALLI in partial fulfillment of the requirements for the award to the degree of MASTER OF PHILOSOPHY IN COMMERCE during the academic Year 2021-2022. This dissertation work is done by the candidate under my guidance.



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This is to certify that the dissertation work entitled ""A STUDY ON
INPACT OF COVID-19 PANDEMIC ON STREET VENDORS WITH
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candidate under my guidance.

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Head of the Department
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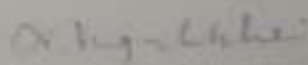
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This is to certify that the project work titled "A secure data self destructing scheme in cloud computing" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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CB19S 257512	AbiramiSri.G
CB19S 257513	Anushiya.V
CB19S 257514	Archana.T
CB19S 257516	Arivukodi.A


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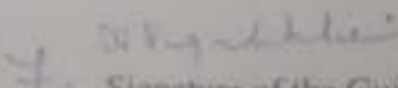

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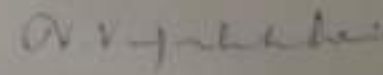
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This is to certify that the project work titled "Predict User Behaviour" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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CB19S 257521	Gayathri.P
CB19S 257522	Hishani.V
CB19S 257523	Ishwarya.S
CB19S 257518	Chandrasena.N


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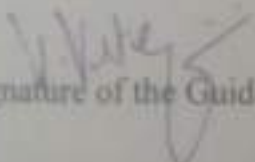

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This is to certify that the project work titled "Making a Self Balancing Robot" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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CB19S 257525	Janani.R
CB19S 257526	Janani.V
CB19S 257527	Karthika.C
CB19S 257528	Keerthiga.M


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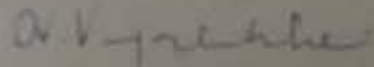
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CB19S 257530	MadhuMitha.M
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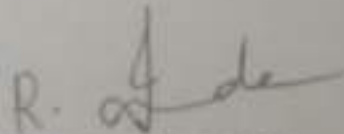
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This is to certify that the project work titled "Data Mining Implementation for Secure Learning" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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CB19S 257540	Sandhiya.S(18/12/2001)
CB19S 257541	Sandhiya.S(20/01/2002)
CB19S 257542	Sandhiya.T
CB19S 257543	Saranya.K



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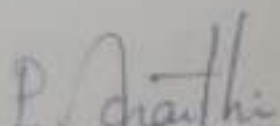
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This is to certify that the project work titled "Scalable Architecture for Multiusers encrypted SQL operations on Cloud Database Services" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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CB19S 257543	Saranya.K


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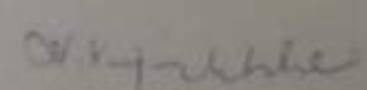
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This is to certify that the project work titled "The growing popularity Chat bots" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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CB19S 257545	Sharmila.L
CB19S 257546	Sharmila.P
CB19S 257547	Sharmili.K
CB19S 257548	Sineka.M


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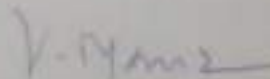
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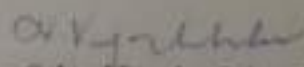
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CERTIFICATE

This is to certify that the project work titled "A machine learning approach for identifying disease-treatment relations in short texts" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 257549	Srinithi vidhya.N
CB19S 257550	Suwetha.K
CB19S 257551	Vinothini.A
CB19S 257552	Yuvarani.N
CB19S 257553	Abirami.R


Signature of the Guide


Signature of the Head of the Department


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M.Sc.,M.Phil.,NET,SET,
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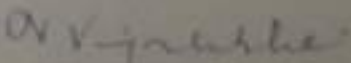
MS.S.S.Nachiya,M.C.A.,M.Phil., UGC-NET
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CERTIFICATE

This is to certify that the project work titled "Online Course Registration" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 257554	Abirami.V(09.08.2001)
CB19S 257555	Aboorvaa.B.S
CB19S 257556	Anitha.M
CB19S 257557	Aruna.A
CB19S 257558	Bavadharani.S


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CERTIFICATE

This is to certify that the project work titled "Fake product review monitoring and removal for genuine online product reviews using opinion mining" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 257559	Bettisheyabeski.A
CB19S 257560	Durgadevi.S
CB19S 257561	Fariha Fathima.I
CB19S 257562	Gayathri.V
CB19S 257563	Harini.P


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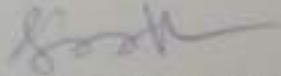
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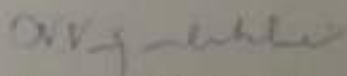
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This is to certify that the project work titled "Smart Voting System Through Face Recognition" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 257564	Heera.V
CB19S 257565	Ishwarya.B
CB19S 257566	Janaki.K
CB19S 257568	Jayasakthi.C
CB19S 257569	Karthika.T


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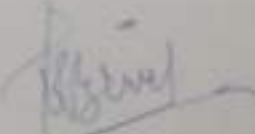
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CERTIFICATE

This is to certify that the project work titled "Online Missing Vehicle System For Rural Areas" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 257576	Pavithra.N
CB19S 257578	Punitha.S
CB19S 257580	Rajalakshmi.G
CB19S 257581	Ramya.R
CB19S 257582	Reshma.S


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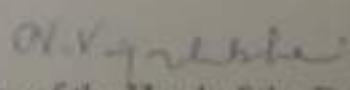
Ms. V.Kiruthika, M.Sc.,M.Phil.,M.C.A.,UGC-NET.,
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CERTIFICATE

This is to certify that the project work titled "Three Level Password Authentication System" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 257583	Sineha.M
CB19S 257584	Sneha.B
CB19S 257585	Sri Sakthiya.G.A
CB19S 257586	Subashini.P
CB19S 257587	Suhasini.P


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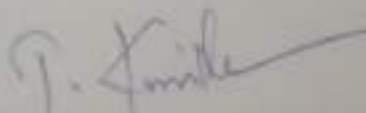
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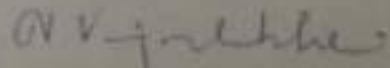
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CERTIFICATE

This is to certify that the project work titled "Query planning for continuous aggregation queries over a network of data aggregators" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 257588	Suruthi.T
CB19S 257589	Thamaraiselvi.V
CB19S 257590	Thavasu.A
CB19S 257591	Vimala.V
CB19S 257592	Vinetha.R


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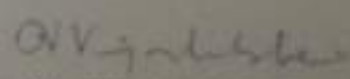
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CERTIFICATE

This is to certify that the project work titled "Extensible Authentication For ATM Card" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 257593	Vinodha.K
CB19S 257594	Vinothini.B
CB19S 257595	Vivetha.D
CB19S 257517	Atchaya.R
CB19S259214	Amala shree.M.G


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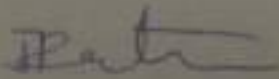
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CERTIFICATE

This is to certify that the project work titled "XML Database migration for DBMS and RDBMS" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 257570	Kavitha.A
CB19S 257571	Keerthika.K
CB19S 257572	Manimekalai.G
CB19S 257574	Pavithra.A
CB19S 257575	Pavithra.J


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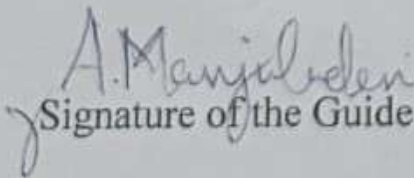
Shrimati Indira Gandhi College

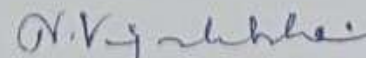
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "DATA VISUALISATION SOFTWARE" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S192220	SIVARANJANI L
CB19S192221	SNEHA A(22.06.2002)
CB19S192222	SNEHA A(20.10.2001)
CB19S192223	SNEHA M
CB19S192224	SNEHA P(02.04.2002)


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CERTIFICATE

This is to certify that the project work entitled "COLLEGE ADMISSION PREDICTION SYSTEM" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S192230	SRIVARSHINI E
CB19S192234	SUBALAKSHMI K
CB19S192235	SUBARANJINI M
CB19S192236	SUBASHINI A



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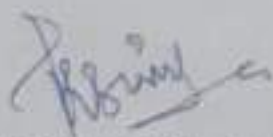
Shrimati Indira Gandhi College

Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "ONLINE SURVEY SYSTEM" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S192210	M.SARULATHA
CB19S192211	R.SATHYA
CB19S192213	S.SHANMUGAPRIYA
CB19S192214	S.SHANTHI



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This is to certify that the project work entitled "SUPPLY CHAIN MANAGEMENT SYSTEM" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S192205	RASIKA M
CB19S192206	REVATHI R
CB19S192207	RUBIKA S
CB19S192208	SAKTHI DHEEPHTHA K
CB19S192209	SARANYA D



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Ms.V.VIJIPARTHASARATHY ., M.Sc(I.T).,M.C.A., M.Phil.,

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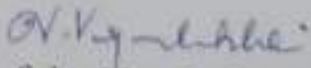
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "SMART CITY PROJECT" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S192200	S.PRIYADHARSHINI
CB19S192201	S.PRIYATHARSHINI
CB19S192202	K.PUNITHA
CB19S192203	K.RAGAVI
CB19S192204	N.RAMYA


Signature of the Guide

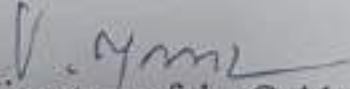

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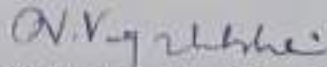
Ms.V.MANIBABU, M.Sc(Maths), M.Phil(Maths),PGDCA.,M.C.A.,M.Phil.,
Asst. Professor
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CERTIFICATE

This is to certify that the project work entitled "Healthcare Management System " has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S192195	V.PREETHI
CB19S192196	B.PRIYA
CB19S192197	P.PRIYADHARSHINI
CB19S192198	R.PRIYA
CB19S192199	K.PRIYADHARSHINI


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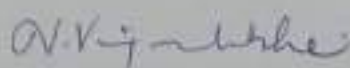
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "LIBRARY MANAGEMENT SYSTEM" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S192190	G.PADMAVATHI
CB19S192191	K.PAVITHRA(21.05.2002)
CB19S192192	K.PAVITHRA(28.01.2002)
CB19S192193	N.PAVITHRA
CB19S192194	S.PAVITHRA


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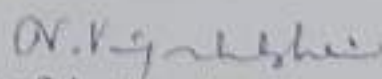
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This is to certify that the project work entitled "STOCK MANAGEMENT SYSTEM" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S192166	KANIMOZHI A
CB19S192169	KARTHIKA M (25.11.2001)
CB19S192170	KARTHIKA M(27.04.2001)


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CERTIFICATE

This is to certify that the project work entitled "PREDICT USER BEHAVIOR" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S192161	S.HARINI
CB19S192159	C.HARIPRIYA
CB19S192162	HEABUSHREE B
CB19S192163	HEMALATHA R
CB19S192163	HENRIKA PERSIS R


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This is to certify that the project work entitled "DETECT NET BANKING PHISHING" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022

Register No.	Name of the Student
CB19S192155	G.DURKA
CB19S192156	K.GAYATHRI
CB19S192158	R.GIRIJA
CB19S192160	M.HARINI


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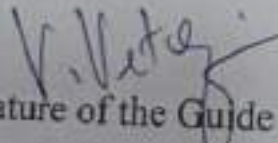
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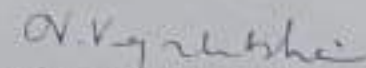
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "DATA MINING IMPLEMENTATION FOR SECURE LEARNING" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S192150	R.DEIVANAI
CB19S192151	J.DENSIYA
CB19S192152	P.DHANALAKSHMI
CB19S192153	S.DIVYADHARSHINI
CB19S192154	R.DIVYA


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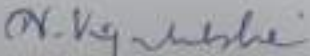

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This is to certify that the project work entitled "FLIGHT TICKET BOOKING" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S192175	KEERTHINI R
CB19S192176	KIRUTHIKA K
CB19S192177	KIRUTHIKA S
CB19S192178	KOKILA D
CB19S192179	KOWSALYA M


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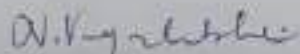
Shrimati Indira Gandhi College

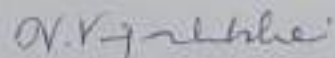
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This is to certify that the project work entitled "EMPLOYEE MANAGEMENT SYSTEM" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S192181	S.LAVANYA
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CB19S192183	M.MALLIKA
CB19S192184	P.MANJAMATHA DEVI


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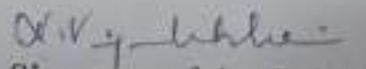
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Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "TOURISM MANAGEMENT SYSTEM" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S192167	KARTHIGA S
CB19S192171	KAVITHA K
CB19S192172	KAVIYA M
CB19S192173	KEERTHANA K(15.05.2000)
CB19S192174	KEERTHANA K(27.09.2000)


Signature of the Guide

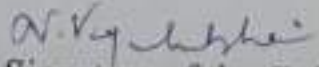

Signature of the Head of the Department
N. VIJAYALAKSHMI, M.Sc., M.Phil., P.G.D.C.A., NET, SET
Assistant Professor,
P.G. Dept. of Computer Applications
Shrimati Indira Gandhi College, Trichy - 2.


Ms. N.VIJAYALAKSHMI, M.Sc., PGDCA.,M.Phil., SET.,UGC-NET
Asst. Professor
Department of Computer Science
Shrimati Indira Gandhi College
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "SOCIAL NETWORK SYSTEM FOR JOB PLACEMENT" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S192237	SURUTHY V
CB19S192238	SWETHA A
CB19S192239	SWETHA A


Signature of the Guide


Signature of the Head of the Department
N. VIJAYALAKSHMI, M.Sc., M.Phil., P.G.D.C.A., NET, SET
Assistant Professor,
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Shrimati Indira Gandhi College, Trichy - 2.

Dr.M.GOMATHY., M.Sc(I.T), M.Phil., M.C.A., Ph.D

Asst. Professor

Department of Computer Science

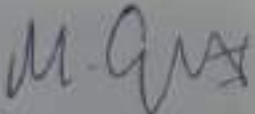
Shrimati Indira Gandhi College


Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "REVIEW MINING FOR RESTAURANT" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S192243	VASUNDRA DEVI E
CB19S192244	VIDHYABHARATHI N
CB19S192245	VIJAYARASI V
CB19S192246	VINITHA V
CB19S192247	VINODHINI R
CB19S192248	YUVARANI V


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Signature of the Head of the Department

N. VIJAYALAKSHMI, M.Sc., M.Phil., P.G.D.C.A., NET, SET
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Asst. Professor

Department of Computer Science

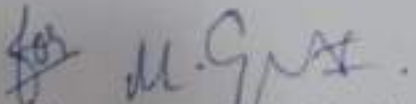
Shrimati Indira Gandhi College

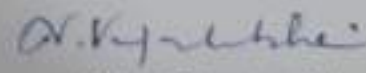
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "FAKE REVIEW IDENTIFICATION" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S192145	V.DEEPA
CB19S192146	C.DEEPALAKSHMI
CB19S192147	V.DEEPALAKSHMI
CB19S192148	G.DEEPIKA
CB19S192149	S.DEEPIKA


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Shrimati Indira Gandhi College, Trichy - 2.

Dr.M.MANIMEKALAI, M.Sc.,PGDCA.,M.Sc.I.T., M.Phil(CS)., Ph.D(CS)

Research Head

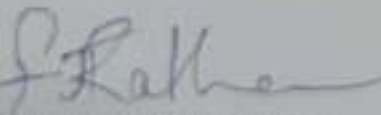
Shrimati Indira Gandhi College,


Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "CUSTOMER RELATIONSHIP MANAGEMENT FOR ISP" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022

Register No.	Name of the Student
CB19S192134	A.AMIRTHAVARSHINI
CB19S192135	S.ARCHANA
CB19S192136	A.ARUNA
CB19S192137	M.BANUMATHI
CB19S192139	B.BHARGAVI


Signature of the Guide


Signature of the Head of the Department

N. VIJAYALAKSHMI, M.Sc, M.Phil, P.G.D.C.A, NET, SET
Assistant Professor,

P.G. Dept. of Computer Applications
Shrimati Indira Gandhi College, Trichy - 2.

Dr.M.MANIMEKALAI, M.Sc.,PGDCA.,M.Sc.I.T., M.Phil(CS)., Ph.D(CS)

Research Head

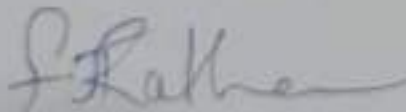
Shrimati Indira Gandhi College,

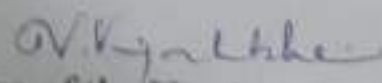
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "CUSTOMER RELATIONSHIP MANAGEMENT FOR ISP" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022

Register No.	Name of the Student
CB19S192134	A.AMIRTHAVARSHINI
CB19S192135	S.ARCHANA
CB19S192136	A.ARUNA
CB19S192137	M.BANUMATHI
CB19S192139	B.BHARGAVI


Signature of the Guide


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N. VIJAYALAKSHMI, M.Sc., M.Phil., P.G.D.C.A., NET, SET
Assistant Professor,
P.G. Dept. of Computer Applications
Shrimati Indira Gandhi College, Trichy - 2.

Dr.M.MANIMEKALAI, M.Sc.,PGDCA.,M.Sc.I.T., M.Phil(CS), Ph.D(CS)

Research Head

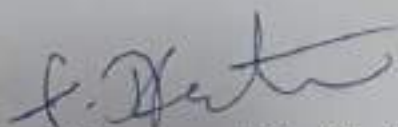
Shrimati Indira Gandhi College,

Tiruchirappalli-620 002

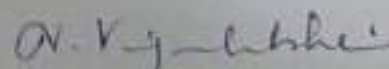
CERTIFICATE

This is to certify that the project work entitled "BUILD A CLOTHES RECOMMENDATION SYSTEM" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022

Register No.	Name of the Student
CB19S192130	L.ABIRAMI
CB19S192131	V.AKALYA
CB19S192132	S.B.AKSHAYA
CB19S192133	U.ALPHONSA JENIFER
CB19S192231	B.AMEERA BEGAM



Signature of the Guide



Signature of the Head of the Department

N. VIJAYALAKSHMI, M.Sc.,M.Phil.,P.G.D.C.A.,NET,SET
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Dr.S.Regha., M.Sc., M.Phil., Ph.D.,

Asst. Professor

Department of Computer Science

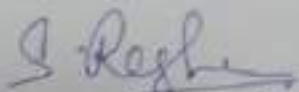
Shrimati Indira Gandhi College

Tiruchirappalli-620 002

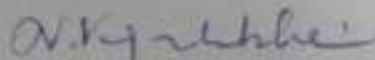
CERTIFICATE

This is to certify that the project work entitled "A CHATBOT STUDENTS" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S192226	SNEKA S
CB19S192227	SOPHIA J
CB19S192228	SOWMIYA R
CB19S192229	SRINIDHI S P
CB19S192232	NARAYANI B



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Signature of the Head of the Department

N. VIJAYALAKSHMI, M.Sc., M.Phil., P.G.D.C.A., NET^{cert}

Assistant Professor,

P.G. Dept. of Computer Application

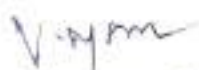
Shrimati Indira Gandhi College, Tiruchirappalli

Ms.V.Manibabu, M.Sc., M.Phil.,
Assistant Professor, Department of Computer Science,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

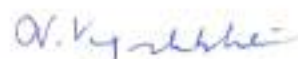
CERTIFICATE

This is to certify that the project work entitled “Agri Shop Farmers Online Selling Application” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 304601	Aarthi E
CB19S 304602	Abarna L
CB19S 304603	Arthikashree A N
CB19S 304604	Devi S
CB19S 304605	Hemalatha M



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Signature of the Head of the Department

MS. N. VIJAYALAKSHMI,
M.Sc.,M.Phil.,NET,SET,
Head, Dept. of Computer Science,
I.T. and Computer Applications,
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Trichy-2.

Ms.S.S.Nachiya, M.Sc., M.Phil., NET

Assistant Professor, Department of Computer Science,


Shrimati Indira Gandhi College,

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CERTIFICATE

This is to certify that the project work entitled "A Food Wastage Reduction Application" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 304606	Keerthana N
CB19S 304607	Keerthana P
CB19S 304608	Mahima D.V.S
CB19S 304609	Prasanna Nayaki M
CB19S 304610	Priyadharshani A


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Signature of the Head of the Department


Ms. N. VIJAYALAKSHMI,
M.Sc., M.Phil., NET, SET
Head, Dept. of Computer Science,
I.T. and Computer Applications,
Shrimati Indira Gandhi College,
Trichy-2.

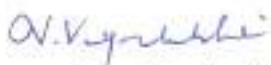
Ms.Viji Parthasarathy, M.Sc., M.Phil.,
Assistant Professor, Department of Computer Science,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Library Management Application" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 304612	Regachitty D
CB19S 304613	Sakthisri S
CB19S 304614	Sathiyapriya S
CB19S 304615	Sathya C
CB19S 304616	Senthamizselvi M


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I.T. and Computer Applications,
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Tiruchirappalli-620 002

Dr.S.Rethinavalli M.C.A, M.Phil., Ph.D.,
Assistant Professor, Department of Computer Science,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

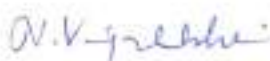
CERTIFICATE

This is to certify that the project work entitled "Alumini Management System" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 304617	Sivappiriya.G
CB19S 304618	Subhasri.H
CB19S 304619	Thulasimani.P
CB19S 304620	Vaishnavi.S
CB19S 304621	Yuvasri.M



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Signature of the Head of the Department

Ms. N. VIJAYALAKSHMI,
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Head, Dept. of Computer Science,
I.T. and Computer Applications,
Shrimati Indira Gandhi College,
Trichy-2.

Ms. T. KAVITHA, M.C.A., M.Phil., B.Ed.,
Assistant Professor, Department of Computer Science,
Information Technology & Computer Applications,
Shrimati Indira Gandhi College,
Tiruchirappalli-620002.

CERTIFICATE

This is to certify that this project entitled **“AGRO CULTURE FARM MANAGEMENT SYSTEM”** is a bonafide record of the work done and submitted by

NAME : R. MUTHAMIL
REGISTER NO : P 20271414

in partial fulfillment of the requirements for the award of the degree **MASTER OF SCIENCE IN COMPUTER SCIENCE, Bharathidasan University, Tiruchirappalli,** during the fourth semester of the academic year 2021-2022. This is the original work of the candidate and was done under my guidance and supervision.

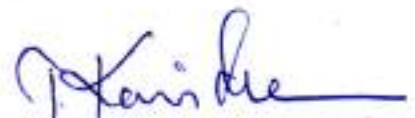


Signature of the

Head of the Department

Ms. N. VIJAYALAKSHMI,
M.Sc., M.Phil., NET, SET,
Head, Dept. of Computer Science,

Information Technology & Applications,
Shrimati Indira Gandhi College,



Signature of the

Guide

Dr. V. MATHIMALAR, M.Sc., M.Phil., M.B.A., Ph.D.

Assistant Professor,

Department of Computer Science,

Information Technology & Applications,

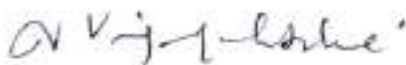
Shrimati Indira Gandhi College, Tiruchirappalli-620002.

CERTIFICATE

This is to certify that this project entitled "COLLEGE EVENT MANAGEMENT SYSTEM" is a bonafide record of the work done and submitted by

NAME : R.ANGU
REGISTER NO : P20271402

in partial fulfilment of the requirements for the award of the degree **MASTER OF SCIENCE IN COMPUTER SCIENCE, Bharathidasan University, Tiruchirappalli**, during the fourth semester of the academic year 2021-2022. This is the original work of the candidate and was done under my guidance and supervision.



Signature of the

Head of the Department

Ms. N. VIJAYALAKSHMI,

M.Sc., M.Phil., NET, SET,

Head, Dept. of Computer Science,

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Shrimati Indira Gandhi College,

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Signature of the

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Ms. R.INDRA, M.Sc., M.Phil., M.C.A.,

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Shrimati Indira Gandhi College, Tiruchirappalli-620002.

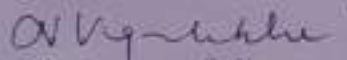
CERTIFICATE

This is to certify that this project entitled "**ROBOTIC PROCESS AUTOMATION FOR EMAIL USING UIPATH**" is a bonafide record of the work done and submitted by

NAME : C.ANURANJANI

REGISTER NO : P20271405

In partial fulfillment of the requirements for the award of the degree **MASTER OF SCIENCE IN COMPUTER SCIENCE, Bharathidasan University, Tiruchirappalli**, during the fourth semester of the academic year 2021-2022. This is the original work of the candidate and was done under my guidance and supervision.


Signature of the

Head of the Department

Ms. N. VIJAYALAKSHMI,

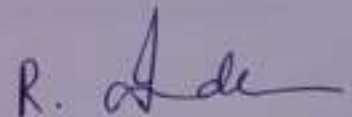
M.Sc., M.Phil., NET, SET,

Head, Dept. of Computer Science,

I.T. and Com. Applications,

Shrimati Indira Gandhi College,

Trichy-2.



Signature of the

Guide

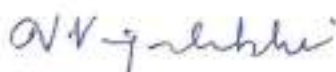
Ms.C.SHYAMALADEVI M.C.A., M.Phil., B.Ed.,
Departments of Computer Science,IT & Computer Applications,
Shrimati Indira Gandhi College,
Tiruchirappalli-620002.

CERTIFICATE

This is to certify that this project entitled "**ONLINE CRIME REPORTING SYSTEM**" is a bonafide record of the work done and submitted by

NAME : **LSATHIYA**
REGISTER NO : **P20271417**

in partial fulfillment of the requirements for the award of the degree of **MASTER OF SCIENCE IN COMPUTER SCIENCE, Bharathidasan University, Tiruchirappalli**, during the fourth semester of the academic year 2021-2022. This is the original work of the candidate and was done under my guidance and supervision.



Signature of the

Head of the Department

Ms. N. VIJAYALAKSHMI,
M.Sc., M.Phil., NET, SET,
Head, Dept. of Computer Science,
I.T. and Computer Applications,
Shrimati Indira Gandhi College,
Trichy-2.



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Guide

Ms.V.KARTHIKA DEVI M.C.A., M.PHIL. (CS)
Assistant Professor, Departments of Computer Science,
IT & Computer Applications,
Shrimati Indira Gandhi College,
Tiruchirappalli-620002.


CERTIFICATE

This is to certify that this project entitled "A SECURE PIN AUTHENTICATION METHOD FOR SMART ATM" is a bonafide record of the work done and submitted by

NAME: B.SUDARVIZHI

REGISTER NUMBER: P20271419

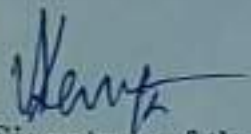
in partial fulfillment of the requirements for the award of the degree of **MASTER OF SCIENCE IN COMPUTER SCIENCE, Bharathidasan University, Tiruchirappalli**, during the fourth semester of the academic year 2021-2022. This is the original work of the candidate and was done under my guidance and supervision.



Signature of the

Head of the Department

Ms. N. VIJAYALAKSHMI,
M.Sc.,M.Phil.,NET,SET,
Head, Dept. of Computer Science,
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Trichy-2.



Signature of the

Guide


Ms. V. MAHALAKSHMI M.C.A., M.Phil., M.Sc(MATHS),
Assistant Professor,
Department of Computer Science,
Information Technology & Applications,
Shrimati Indira Gandhi College,
Trichy-620 002.

CERTIFICATE


This is to certify that this project entitled "**HANDWRITTEN DIGIT RECOGNITION USING PYTHON**" is a bonafide record of the work done and submitted by

NAME : R ROSHIKA
REGISTER NO : P20271416

in partial fulfilment of the requirements for the award of the degree
MASTER OF SCIENCE IN COMPUTER SCIENCE, Bharathidasan
University, Tiruchirappalli, during the fourth semester of the academic year
2021-2022. This is the original work of the candidate and was done under my
guidance and supervision.


Signature of the

Head of the Department
Ms. N. VIJAYALAKSHMI,
M.Sc.,M.Phil.,NET,SET,
Head, Dept. of Computer Science,
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Shrimati Indira Gandhi College,
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Ms.S.S.NACHIYA, M.C.A., M.Phil., UGC-NET.,
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Information Technology & Computer Applications,
Shrimati Indira Gandhi College,
Tiruchirappalli-620002.

CERTIFICATE

This is to certify that this project entitled "**MUSIC GENRE CLASSIFICATION**" is a bonafide record of the work done and submitted by

NAME	D. HARIPRIYA
REGISTER NUMBER	P20271409

in partial fulfillment of the requirements for the award of the degree of **MASTER OF SCIENC IN COMPUTER SCIENCE, BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI-24**, during the fourth semester of the academic year 2021-2022. This is the original work of the candidate and was done under my guidance and supervision.



Signature of the

Head of the Department

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I.T. and Computer Applications,
Shrimati Indira Gandhi College,
Trichy-2.


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Assistant Professor, Departments of Computer Science,
IT & Computer Applications,
Shrimati Indira Gandhi College,
Tiruchirappalli-620002.

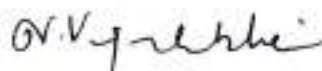
CERTIFICATE

This is to certify that this project entitled "**A SECURE PIN AUTHENTICATION METHOD FOR SMART ATM**" is a bonafide record of the work done and submitted by

NAME: B.SUDARVIZHI

REGISTER NUMBER: P20271419

in partial fulfillment of the requirements for the award of the degree of **MASTER OF SCIENCE IN COMPUTER SCIENCE, Bharathidasan University, Tiruchirappalli**, during the fourth semester of the academic year 2021-2022. This is the original work of the candidate and was done under my guidance and supervision.



Signature of the

Head of the Department

Ms. N. VIJAYALAKSHMI,
M.Sc.,M.Phil.,NET,SET,
Head, Dept. of Computer Science,
I.T. and Computer Applications,
Shrimati Indira Gandhi College,
Trichy-2.



Signature of the

Guide

Ms.J.RATHNA.,B.E.(Computer Science&Engg).,M.Tech Assistant Professor,

Departments of Computer Science,

Information Technology & Applications,

Shrimati Indira Gandhi College,

Tiruchirappalli-62

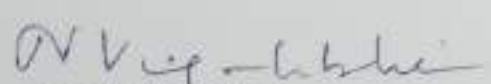
CERTIFICATE

This is to certify that this project entitled **"AUTOMATED SCHOOL SYSTEM"** is a bonafide record of the work done and submitted by


NAME : N.KEERTHANA

REGISTER NO : P20271411

In partial fulfillment of the requirements for the award of the degree **MASTER OF SCIENCE IN COMPUTER SCIENCE, Bharathidasan University, Tiruchirappalli**, during the fourth semester of the academic year 2021-2022.This is the original work of the candidate and was done under my guidance and supervision.


Signature of the

Head of the Department
Ms. N. VIJAYALAKSHMI,
M.Sc.,M.Phil.,NET,SET,
Head, Dept. of Computer Science,


Signature of the

Guide

Dr. M.GOMATHY.,M.Sc.IT.,M.C.A.,M.Phil.,Ph.D.,

Assistant Professor,

Department of Computer Science,

Information Technology & Applications,

Shrimati Indira Gandhi College,

Tiruchirappalli-620002.

CERTIFICATE

This is to certify that this project entitled "**VOICE BASED INTELLIGENT VIRTUAL ASSISTANCE FOR WINDOWS**" is a bonafide record of the work done and submitted by

NAME : T. USHA

REGISTER NO : P20271421

in partial fulfillment of the requirements for the award of the degree **MASTER OF SCIENCE IN COMPUTER SCIENCE, Bharathidasan University, Tiruchirappalli**, during the fourth semester of the academic year 2021-2022. This is the original work of the candidate and was done under my guidance and supervision.

N. V. Vijayalakshmi

Signature of the

Head of the Department

Ms. N. VIJAYALAKSHMI,

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M. G. Gomathy

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Tiruchy-2.

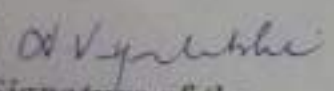
Ms.V. KIRUTHIKA, MSc., M.phil, M.C.A., UGC-NET,
Departments of Computer Science, IT & Computer Applications,
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Tiruchirappalli-620002

CERTIFICATE

This is to certify that this project entitled "MUSIC RECOMMENDATION
BASED ON FACIAL RECOGNITION" is a bonafide record of the work
done and submitted by

NAME : J.MARIYA ARONI
REGISTER NO : P20271413

in partial fulfillment of the requirements for the award of the degree of
MASTER OF SCIENCE IN COMPUTER SCIENCE, Bharathidasan
University, Tiruchirappalli, during the fourth semester of the academic year
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guidance and supervision.



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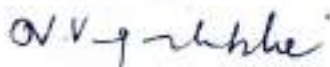
CERTIFICATE

This is to certify that this project entitled "**CAREER PATH RECOMMENDATION SYSTEM**" is a bonafide record of the work done and submitted by

NAME : A. PAVITHRA

REGISTER NO : P 20271415

in partial fulfillment of the requirements for the award of the degree of **MASTER OF SCIENCE IN COMPUTER SCIENCE, Bharathidasan University, Tiruchirappalli**, during the fourth semester of the academic year 2021-2022. This is the original work of the candidate and was done under my guidance and supervision.



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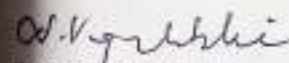
CERTIFICATE

This is to certify that this project entitled "**IMAGE REPLICATION USING ROBOT**" is a bonafide record of the work done and submitted by

NAME : **G.ABIRAMI**

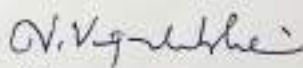
REGISTER NO : **P20271401**

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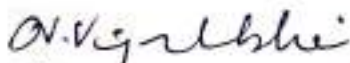
CERTIFICATE

This is to certify that this project entitled "**OBJECT DETECTION AND IDENTIFICATION USING AI**" is a bonafide record of the work done and submitted by

NAME
I.ANTO VINNARASI

REGISTER NUMBER
P20271403

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CERTIFICATE

This is to certify that this project entitled **"VOICE BASED INTELLIGENT VIRTUAL ASSISTANCE FOR WINDOWS"** is a bonafide record of the work done and submitted by

NAME : T. USHA

REGISTER NO : P20271421

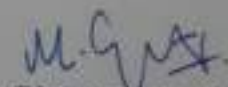
in partial fulfillment of the requirements for the award of the degree **MASTER OF SCIENCE IN COMPUTER SCIENCE, Bharathidasan University, Tiruchirappalli**, during the fourth semester of the academic year 2021-2022. This is the original work of the candidate and was done under my guidance and supervision.


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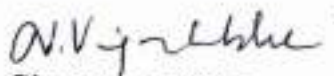
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CERTIFICATE

This is to certify that this project entitled "ONLINE COMPLAINT REGISTRATION" is a bonafide record of the work done and submitted by

NAME : R.SUBHA PRIYA
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in partial fulfillment of the requirements for the award of the degree of **MASTER OF SCIENCE IN COMPUTER SCIENCE, Bharathidasan University, Tiruchirappalli**, during the fourth semester of the academic year 2021-2022. This is the original work of the candidate and was done under my guidance and supervision.


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This is to certify that this project entitled "**MUSIC GENRE CLASSIFICATION**" is a bonafide record of the work done and submitted by

NAME	D. HARIPRIYA
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in partial fulfillment of the requirements for the award of the degree of **MASTER OF SCIENC IN COMPUTER SCIENCE, BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI-24**, during the fourth semester of the academic year 2021-2022. This is the original work of the candidate and was done under my guidance and supervision.



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CERTIFICATE

This is to certify that this project entitled "**IMPLEMENTATION OF PECS BASED E-LEARNING SYSTEM FOR AUTISM SPECTRUM DISORDER**" is a bonafide record of the work done and submitted by

NAME : P. BAVITHRA
REGISTER NO : P20491401

in partial fulfilment of the requirements for the award of the degree **MASTER OF SCIENCE IN INFORMATION TECHNOLOGY, Bharathidasan University, Tiruchirappalli**, during the fourth semester of the academic year 2021-2022. This is the original work of the candidate and was done under my guidance and supervision.

N. V. Vijayalakshmi

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CERTIFICATE

This is to certify that this project entitled "**TIMETABLE AUTOMATION SYSTEM**" is a bonafide record of the work done and submitted by

NAME : J. FLORENCE JENNIFER

REGISTER NO : P20491402

In partial fulfillment of the requirements for the award of the degree **MASTER OF SCIENCE IN INFORMATION TECHNOLOGY, Bharathidasan University, Tiruchirappalli**, during the fourth semester of the academic year 2021-2022 This is the original work of the candidate and was done under my guidance and supervision.


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This is to certify that this project entitled "VIRTUAL CLASSROOM" is a bonafide record of the work done and submitted by

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R. NITHYAA

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This is to certify that this project entitled “ **MULTIPLE COLOR DETECTION**”
is a bonafide record of the work done and submitted by

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REGISTER NO : P 20491404

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This is to certify that this project entitled "**FAKE PRODUCT REVIEW IDENTIFICATION**" is a bonafide record of the work done and submitted by

NAME : S.RAJARAJESHWARI
REGISTER NO : P20491405

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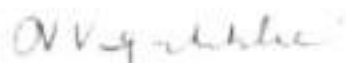
Ms. R. INDRA, M.Sc., M.Phil, M.C.A.,
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CERTIFICATE

This is to certify that this project entitled "WEB DATA EXTRACTION WITH RPA USING UIPATH STUDIO" is a bonafide record of the work done and submitted by

NAME : D. RAJESWARI
REGISTER NO : P 20491406

in partial fulfillment of the requirements for the award of the degree **MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**, Bharathidasan University, Tiruchirappalli, during the fourth semester of the academic year **2021-2022** This is the original work of the candidate and was done under my guidance and supervision.



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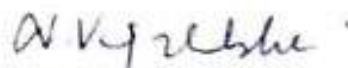
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CERTIFICATE

This is to certify that this project entitled "CONTACT NAVIGATION" is a bonafide record of the work done and submitted by

NAME : S. SARO ELANTHIRAI
REGISTER NO : P 20491407

in partial fulfillment of the requirements for the award of the degree **MASTER OF SCIENCE IN INFORMATION TECHNOLOGY, Bharathidasan University, Tiruchirappalli**, during the fourth semester of the academic year 2021-2022. This is the original work of the candidate and was done under my guidance and supervision.


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CERTIFICATE

This is to certify that this project entitled "**ONLINE SMART BUSINESS**" is a bonafide record of the work done and submitted by

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REGISTER NO : P20491408

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This is to certify that this project entitled "SYSTEM ACCESS USING REAL TIME PROCESSING IN FACIAL MOVEMENTS" is a bonafide record of the work done and submitted by

NAME : M.SHAMSATH BEGUM

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This is to certify that this project entitled “ **ONLINE ART GALLERY**”
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This is to certify that this project entitled "**ATTENDANCE MANAGEMENT SYSTEM AN ANDROID APPLICATION**" is a bonafide record of the work done and submitted by

NAME : S. SUNDARAVADIVU
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This is to certify that this project entitled "**ONLINE SMART BUSINESS**" is a bonafide record of the work done and submitted by

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This is to certify that this project entitled "**GENDER AND AGE PREDICTION**" is a bonafide record of the work done and submitted by

NAME : P. THULASI
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in partial fulfillment of the requirements for the award of the degree **MASTER OF SCIENCE IN INFORMATION TECHNOLOGY, Bharathidasan University, Tiruchirappalli**, during the fourth semester of the academic year 2021-2022. This is the original work of the candidate and was done under my guidance and supervision.

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This is to certify that this project entitled "HUMAN DETECTION AND COUNTING" is a bonafide record of the work done and submitted by

NAME : S.VIDHYA
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This is to certify that this project entitled “**STUDENT INFORMATION SYSTEM**” is a bonafide record of the work done and submitted by

NAME : S. YOGHARANI
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in partial fulfillment of the requirements for the award of the degree **MASTER OF SCIENCE IN INFORMATION TECHNOLOGY, Bharathidasan University, Tiruchirappalli**, during the fourth semester of the academic year 2021-2022. This is the original work of the candidate and was done under my guidance and supervision.



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P. Sankar
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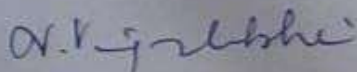
Information Technology & Applications,

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Tiruchirappalli-620 002.

CERTIFICATE

This is to certify that the Dissertation entitled "MINING LOCATION INFLUENCE FOR LOCATION PROMOTION IN LOCATION-BASED SOCIAL NETWORKS" is the bonafide record of the work done and Submitted by J.SANTHIYA (REG NO: 2K21FT-23097) towards the partial fulfillment of the requirements for the award of the Degree "MASTER OF PHILOSOPHY IN COMPUTER SCIENCE", BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI-24 during the academic year (2021-2022). I certify that she has carried out this work as an independent work under my supervision and guidance.



Signature of the

Head of the Department

Ms. N. VIJAYALAKSHMI,

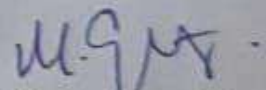
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Research Advisor

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ASSISTANT PROFESSOR

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Tiruchirappalli - 620 002



Signature of the Principal

PRINCIPAL

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Dr. M.MANIMEKALAI, M.Sc (Maths), PGDCA., M.Sc.,(IT), M.Phil., Ph.D.,(CS).

Research Head,

Department of Computer Science,

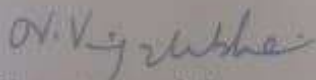
Information Technology and Applications,

Shrimati Indira Gandhi College,

Tiruchirappalli-620 002.

CERTIFICATE

This is to certify that this Dissertation entitled "PREDICTION OF STUDENT'S ACADEMIC PERFORMANCE USING MACHINE LEARNING TECHNIQUES" is a bonafide record of the work done and submitted by S.HELAN MARY SHARMILA (REG NO: 2K21FT-23094) towards the partial fulfillment of the requirements for the award of the Degree of "MASTER OF PHILOSOPHY IN COMPUTER SCIENCE", BHARATHIDASAN UNIVERSITY, TIRUCHIRAPALLI-24, during the academic year (2021-2022). I certify that she has carried out this work as an independent work under my supervision and guidance.



Signature of the

Head of the Department

Ms. N. VIJAYALAKSHMI,

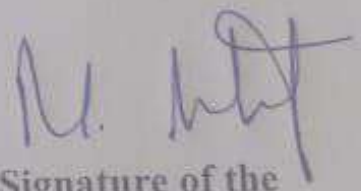
M.Sc., M.Phil., NET, SET,

Head, Dept. of Computer Science,

I.T. and Computer Applications,

Shrimati Indira Gandhi College,

Trichy-2.



Signature of the

Research Advisor

Dr. M. MANIMEKALA

RESEARCH HEAD

Shrimati Indira Gandhi Coll

Tiruchirappalli - 620 002



Signature of the Principal

PRINCIPAL

Shrimati Indira Gandhi College

Tiruchirappalli-2.

Dr.S.Rengalakshmi M.A., M.Phil., Ph.D

Head of the Department of Economics,

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CERTIFICATE

This is to certify that the project work entitled "A study on demonetization in india" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

CB19A 065921	AISHWARYA.N
CB19A 065922	BRUNDHA C
CB19A 065923	DEEPIKA E
CB19A 065924	DIVYA BHARATHI S
CB19A 065925	ESWARI M
CB19A 065926	INDUJA M

S. Rengalakshmi

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S. Rengalakshmi

Signature of the Head of the Department

The Head
Dept. of Economics
Shrimati Indira Gandhi College,
Tiruchirappalli-2.

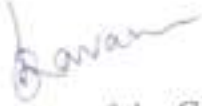



Ms. S.Lavanya., M.A., M.Phil., SET.,
Assistant Professor of Department of Economics,
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CERTIFICATE

This is to certify that the project work entitled "A study on make in india"
has been carried out by the following students under my supervision and guidance
during the Academic Year 2021-2022.

CB19A 065927	JAYADHARANI G
CB19A 065928	JOSEPHIN MARY.M
CB19A 065929	KARTHIGA.S
CB19A 065930	MIRUNALINI.R
CB19A 065931	NANDHINI.S


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Signature of the Head of the Department

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Dr.R.Latha., M.A., M.Phil., Ph.D

Assistant Professor of Department of Economics,

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CERTIFICATE

This is to certify that the project work entitled " A study on swatch bharath" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

CB19A 065932	NISHANTH.L.G
CB19A 065933	POTHUM PONNU. B
CB19A 065935	SANTHIYA.S
CB19A 065936	SAPNA.A
CB19A 065937	SUBALAKSHMLM

R.Latha
Signature of the Guide

S. Kengalakeshi
Signature of the Head of the Department

The Head
Dept. of Economics
Shrimati Indira Gandhi College
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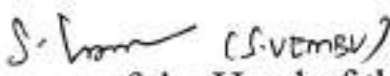
Dr.M.Remma MA,Mphil.,Ph.D.,
Head of the Department of English,
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Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Analysis of the theme of tradition and fate in Chinua Achebe's Things Fall Apart" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19A138756	ABINAYA SELVARAJ
CB19A138757	ADHITHYA.S
CB19A138758	AISWARYA.C.E
CB19A138759	AKILANDESWARI.M.K
CB19A138760	AKILA.R
CB19A138761	AKILA RANI.R
CB19A138762	AKSHAYA .A
CB19A138763	AMRITHA PRIYANKA .R


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(f) Signature of the Head of the Department

Ms. S. Zaibunisa Begam MA,Mphil.,
Assistant Professor of English,
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CERTIFICATE

This is to certify that the project work entitled “ The Images of God and Satan in Milton”s Paradise Lost” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19A138764	ANANTHI.R
CB19A138765	ARTHI.K
CB19A138767	BRINDHA. A
CB19A138768	BUVANESHWARI .M
CB19A138769	DEEPTHI .V
CB19A138771	DIVYA PRIYA .M
CB19A138772	EZHILARASI .V
CB19A138773	GAYATHRI .C

S. Zaibunisa Begam

Signature of the Guide

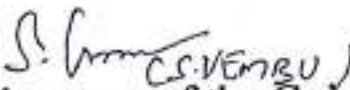
S. Vembu (S.VEMBU)
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Ms. S. Vembu MA,Mphil.,B.Ed.,
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CERTIFICATE

This is to certify that the project work entitled "The theme of Sin Redemption in Nathaniel Hawthorne's The Scarlet Letter" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19A138774	GAYATHRI .P
CB19A138775	GAYATHRI .R
CB19A138776	HARINI .M
CB19A138777	HARINI .S
CB19A138778	HARINI .S
CB19A138779	INDHUMATHI .S
CB19A138780	JANANI SRI .S
CB19A138781	JENET SILVIA .A


Signature of the Guide

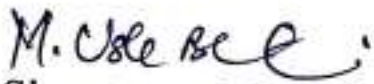

Signature of the Head of the Department

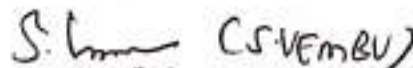
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CERTIFICATE

This is to certify that the project work entitled "English Language as a tool in Business communication " has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19A138782	KALAI SELVI .A
CB19A138783	KAMATCHI .R
CB19A138784	KAVI ILAKKIYA .M
CB19A138785	KAVYAANJALI .V
CB19A138786	KEERTHANA .K
CB19A138787	KEERTHANA .S
CB19A138788	KIRISHIKA .S
CB19A138789	KOKILA .S


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Assistant Professor of English,
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CERTIFICATE

This is to certify that the project work entitled " Twist in O"Henry"s selected short stories " has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19A138790	LAVANYA .P
CB19A138791	LOGAPRIYA .K
CB19A138792	MADHUSHREE .V
CB19A138793	MAHALAKSHMI R
CB19A138794	MADHUBALA .G
CB19A138795	MADHUMMITHA .C
CB19A138796	MADHUMITHA .M

P.D.Mary Portia

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S. ... (S. VEMBA)
Signature of the Head of the Department

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CERTIFICATE

This is to certify that the project work entitled “ Themes and style in Christopher Marlowe’s Dr.Faustus ” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19A138797	MENAKA .A
CB19A138798	MOHANA .A
CB19A138799	MOHANA .R.P
CB19A138800	MONISHA .M
CB19A138801	MOURIYA .A
CB19A138802	NANDHINI .S
CB19A138803	NEKAANBU .V

J. Mahalakshmi
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Ms.N .Saraswathi MA.,,Mphil.,
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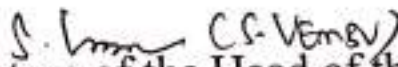
CERTIFICATE

This is to certify that the project work entitled “ Impact of William Shakespeare”s works in today’s literature ” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19A138804	NITHYANANDA HARINI .S
CB19A138805	PARAMESHWARI .T
CB19A138806	PAVITHRA .R
CB19A138807	PONMANI .M
CB19A138808	PRATHISHA .S
CB19A138809	PRAVEENA .S
CB19A138810	PREETHI .T



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Ms..J.Delicea Jasmine MA.,,Mphil.,
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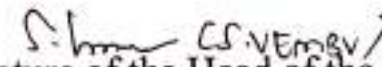
CERTIFICATE

This is to certify that the project work entitled “ Theme of vengeance in Shakespeare”s Hamlet and The Merchant of Venice ” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19A138811	PUVIYA KEERTHI .T
CB19A138814	RAMYA .S
CB19A138815	REENA .S
CB19A138816	REKKANI .R
CB19A138817	RUMANA BEGUM .J
CB19A138818	SANGEETHA .M
CB19A138819	SARAL. J



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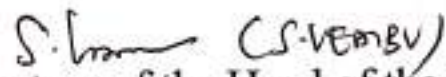
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CERTIFICATE

This is to certify that the project work entitled “ Need of Translational Research ” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19A138821	SILVIA PRINCY .S
CB19A138822	SIVAJOTHIKA .S
CB19A138823	SIVAKAMI .R.K
CB19A138824	SIVARANJANI.M
CB19A138825	SNEKA .R.K
CB19A138826	SNEKA .S
CB19A138827	SNEKA .A


Signature of the Guide
(N. KALAIVANI)

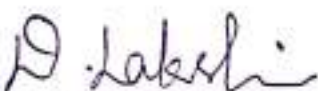

Signature of the Head of the Department

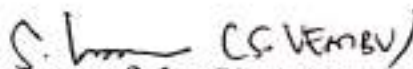
Ms.D .Lakshmi MA.,,Mphil.,
Assistant Professor of English,
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Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled “ Teaching vocabulary in English classroom ” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19A138828	SNEKHA V
CB19A138829	SOUNTHARYA .K
CB19A138830	SUBHASRI .M
CB19A138832	SWETHA .S
CB19A138834	THENMOZHI .S
CB19A138835	UREKA .A
CB19A138836	UVARAJIO .D


Signature of the Guide

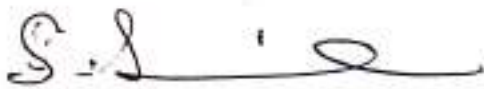

Signature of the Head of the Department

Ms.S . Sasikala MA.,,Mphil.,SET.,
Assistant Professor of English,
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Tiruchirappalli-620 002

CERTIFICATE

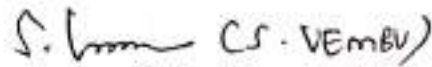
This is to certify that the project work entitled "Language variation in relation to Gender " has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19A138837	VEERA PREETHESWARI .L
CB19A138838	VICHITHRA .R
CB19A138839	VINDHIYA .S
CB19A138840	VINOTHA .D
CB19A138842	VISHNUPRIYA .M
CB19A138843	YASODHA .K
CB18A132240	KEERTHANA .V



Signature of the Guide

(S. SASIKALA)



(f)Signature of the Head of the Department

Ms.P.Andal M.Tech
Head of the Department of Fashion Technology,
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CERTIFICATE

This is to certify that the project work entitled "Fragrance Finish Using Microencapsulation Method" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 269341	S. Abirami
CB19S 269342	A.Agnes Sagaya mary
CB19S 269343	S.Archana
CB19S 269344	J.Asma Begum
CB19S 269345	P.R.Deepana


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Signature of the Head of the Department

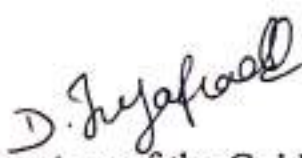
The Head
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Ms.D.Jeyapradha M.Tech
Assistant Professor Department of Fashion Technology,
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CERTIFICATE

This is to certify that the project work entitled "Elimination of Wastage in dyeing process" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 269346	S.Dhanapriya
CB19S 269347	G.Divya
CB19S 269348	V.Divya
CB19S 269349	K.Geetha


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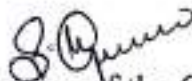

Signature of the Head of the Department
Head
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Tiruchirappalli - 620 002

Ms.S.Annapoorani M.Tech
Assistant Professor Department of Fashion Technology,
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Tiruchirappalli-620 002

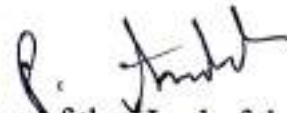
CERTIFICATE

This is to certify that the project work entitled "Product Development in Merchandising" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 269350	T.Geetha
CB19S 269351	K.Harshitha
CB19S 269353	M.Janani
CB19S 269354	R.Janani
CB19S 269355	J.Jayachristy


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Ms.P.Andal M.Tech
Head of the Department of Fashion Technology,
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Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Sustainable Fashion with Jute and its blends for spring summer ." has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 269356	G.Jayadevi
CB19S 269357	G.Kanchana
CB19S 269359	A.Kaviya
CB19S 269360	S.Kaviya


Signature of the Guide


Signature of the Head of the Department



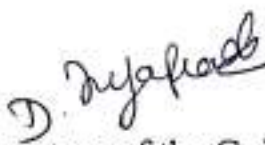
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Tiruchirappalli - 620 002

Ms.D.Jeyapradha M.Tech
Assistant Professor Department of Fashion Technology,
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Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Design and development of smart socks for infants to monitor their vital health parameters. ." has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 269361	B.Keerthana
CB19S 269362	A.Keerthi
CB19S 269363	R.Malini
CB19S 269364	R.Mary
CB19S 269365	B.Monika


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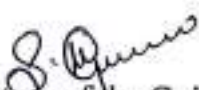
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Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Development Of Antimicrobial And Uv Resistant Finish on Kid's Wear ." has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 269366	K.R.Muthulakshmi
CB19S 269368	P.Nirmaladevi
CB19S 269369	N.Nishath
CB19S 269370	P.Nithya
CB19S 269371	N.Papitha


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CERTIFICATE

This is to certify that the project work entitled "Quality checking method used in garment industry" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 269372	J.Prasannamary
CB19S 269373	M.Priyadharshini
CB19S 269374	R.Radhika
CB19S 269375	S.Rakshana
CB19S 269376	S.Raveena

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Assistant Professor Department of Fashion Technology,

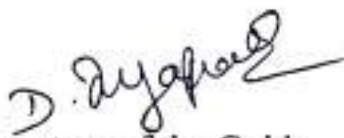
Shrimati Indira Gandhi College,

Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Design development of indian garments using egyptian fashion history " has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 269378	P.Sandhiya
CB19S 269379	K.Sharmila
CB19S 269380	K.Shapna
CB19S 269381	S.Sheeja


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Ms.S.Annapoorani M.Tech

Assistant Professor Department of Fashion Technology,

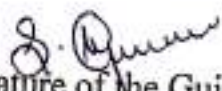
Shrimati Indira Gandhi College,

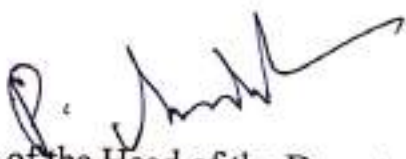
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Design and development of vision shirt for visually challenged person " has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 269382	S.Shifa parveen
CB19S 269383	S.Sivabharathi
CB19S 269384	V.Sneha
CB19S 269385	M.Sowmiya
CB19S 269386	R.Sowmiya


Signature of the Guide


Signature of the Head of the Department



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Ms.P.Andal M.Tech

Head of the Department of Fashion Technology,

Shrimati Indira Gandhi College,

Tiruchirappalli-620 002


CERTIFICATE

This is to certify that the project work entitled "Investigation of moisture management properties in active sports wear" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 269387	N.S.Srilekha
CB19S 269388	K.Subalakshmi
CB19S 269389	R.Subasri
CB19S 269390	D.Sujitha


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Shrimati Indira Gandhi College
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Ms.D.Jeyapradha M.Tech
Assistant Professor Department of Fashion Technology,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Characteristics of Bamboo/
Cotton blend knitted fabric on UV protection" has been carried out by the
following students under my supervision and guidance during the Academic Year
2021-2022.

Register No.	Name of the Student
CB19S 269391	V.Sudharshana
CB19S 269392	N.S Swetha
CB19S 269393	S.Swetha
CB19S 269394	S.Thennarasi
CB19S 269395	T.J.Vaishnavi


Signature of the Guide



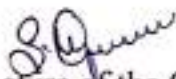

Signature of the Head of the Department
The Head
Dept Of Fashion Technology &
Costume Designing
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002

Ms.S.Annapoorani M.Tech
Assistant Professor Department of Fashion Technology,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Development for testing instrument for testing socks properties" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 269396	M.Vijayalakshmi
CB19S 269397	D.VincyInfanta
CB19S 269398	J.Vinitha
CB19S 269400	D.Yuvadharani


Signature of the Guide




Signature of the Head of the Department

in the name of
Dept Of Fashion Technology &
Costume Designing
Shrimati Indira Gandhi College
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Dr. J. Shanthi, M.Sc., M.Phil., B.Ed., PGDCA., Ph.D.,
Head, PG & Research Department of Mathematics,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Special Kinds of Graphs" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 376960	S.Aarthy
CB19S 376961	C.Anitha
CB19S 376962	S.Kalki
CB19S 376963	K.Kanishka
CB19S 376964	A.Lakshmi Priya
CB19S 376965	G.Mahalakshmi
CB19S 376966	F.X.Mercy Anrose
CB19S 376967	K.Parameshwari


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Ms.D.Maheswari, M.Sc., M.Phil., SET
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PG& Research Department of Mathematics,
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CERTIFICATE

This is to certify that the project work entitled "Optimization techniques in advertising Problem" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 376968	R.Pramila
CB19S 376969	A.Priya
CB19S 376970	S.Ramya
CB19S 376971	J.Sarawathi
CB19S 376972	G.Siva Sangari
CB19S 376973	N.Sivapriyas
CB19S 376974	S.Sona
CB19S 376975	K.Sugeeshwari


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Ms.V.Anbuvalli, M.Sc., M.Phil.,
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PG& Research Department of Mathematics,
Shrimati Indira Gandhi College,
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CERTIFICATE

This is to certify that the project work entitled "LPP in Business and Management" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 376976	R.Sujitha
CB19S 376977	S.Swetha
CB19S 376978	E.Vellaiyammal
CB19S 376979	C.Akila
CB19S 376981	N.Balambiga
CB19S 376982	C.Beula



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Dr.V.Praba ,M.Sc.,M.Phil.,B.Ed., Ph.D.,
Assistant Professor,
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CERTIFICATE

This is to certify that the project work entitled "Queuing Theory model in Hospitals" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 376984	T.Daranisree
CB19S 376986	R.Dhivyastri
CB19S 376987	M.Gomathi
CB19S 376988	R.Harini
CB19S 376989	C.Heera
CB19S 376990	K.Ilakkiya

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Ms.R.Maheswari, M.Sc., M.Phil.,
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CERTIFICATE

This is to certify that the project work entitled "A study on Domination" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 377022	D.Kavikuil
CB19S 376992	R.Lavanya
CB19S 376993	S.Madhumathi
CB19S 376994	R.Monika
CB19S 376995	P.Nagalakshmi
CB19S 376996	M.Preethi
CB19S 376997	R.Priya Thilaga
CB19S 376998	P.Priyadharshini


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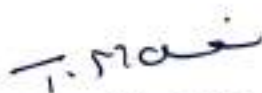
The Head
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CERTIFICATE

This is to certify that the project work entitled "Application of Trees in Graph Theory" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 376999	R.Selvapriya
CB19S 377000	M.Shobana
CB19S 377001	S.Sivaranjani
CB19S 377002	K.Sowmiya
CB19S 377003	M.Sri Priyadharshini
CB19S 377004	S.Srinithi
CB19S 377005	S.Srividhya
CB19S 377006	S.Subraja



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Dr.N.Umamaheswari, M.Sc., M.Phil.,B.Ed., Ph.D
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CERTIFICATE

This is to certify that the project work entitled "Real life applications of Abstract Algebra" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 377007	B.Sumithra
CB19S 377008	K.Swetha
CB19S 377009	K.S.Thanwanthega
CB19S 377010	V.Thilagavathi
CB19S 377011	S.Vaitheeswari
CB19S 377012	R.Vetriselvi
CB19S 377013	S.Vidhya
CB19S 377014	K.Vinothini


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CERTIFICATE

This is to certify that the project work entitled "Role of Game theory in Marketing" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 377015	S.Yogalakshmi
CB19S 377016	K.Abina
CB19S 377017	S.Aswini
CB19S 377018	P.Dharani Priya
CB19S 377019	V.Dharshini
CB19S 377020	R.Elakkiya
CB19S 377021	K.Kathiroli



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CERTIFICATE

This is to certify that the project work entitled "Application of Domination in various fields" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S 377023	D.Kaviya
CB19S 377024	K.Nandhini
CB19S 377025	M.Nisha
CB19S 377026	S.N.Parethey Sakthi Sree
CB19S 377027	P.Sowmiya


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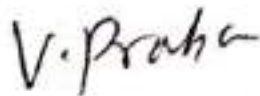

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Dr.V. PRABA, M.Sc.,M.Phil.,B.Ed.,Ph.D.,Grad OR.,
Assistant professor, Department of Mathematics,
Shrimati Indira Gandhi college,
Tiruchirappalli-620 002.

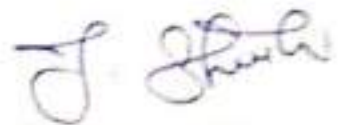
CERTIFICATE

This is to certify that the project report entitled "**A STUDY ON MONOPHONIC CONCEPTS IN GRAPHS**" is submitted by **M.ABINAYA, REG. NO : P 20191401** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2020 - 2022. This project work is done by the candidate under my guidance.



Signature of the Guide

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(Dr.J. SHANTHI)

The Head

Dept Of Mathematic

Shrimati Indira Gandhi College

Tiruchirappalli - 620 002

Dr. V.PRABA, M.Sc.,M.Phil.,B.Ed.,Ph.D.GRAD OR

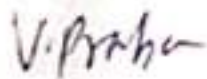
Assistant professor, Department of Mathematics,

Shrimati Indira Gandhi college,

Tiruchirapalli-620 002.

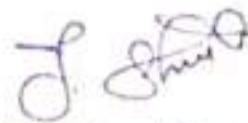
CERTIFICATE

This is to certify that the project report entitled "A STUDY ON COLOR CLASS AND COLORFUL DOMINATION " is submitted by **A. ABIRAMALAKSHMI, REG . NO: P 20191402** to **BHARATHIDASAN UNIVERSITY** Tiruchirapalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2020-2022. This project work is done by the candidate under my guidance.



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Assistant professor, Department of Mathematics,

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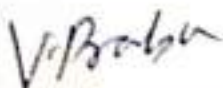
This is to certify that the project report entitled "A STUDY ON STAR CHROMATIC NUMBERS OF GRAPHS" is submitted by A. ANUSHYA,

REG. NO: P 20191403 to BHARATHIDASAN UNIVERSITY

Tiruchirappalli in partial fulfillment for the award of the degree of

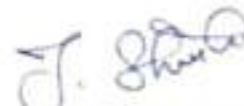
MASTER OF SCIENCE IN MATHEMATICS during the year

2020-2022. This project work is done by the candidate under my guidance.



Signature of the Guide

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Signature of the

Head of the Department

(Dr.J. SHANTHI)

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Tiruchirappalli - 620 002

Dr.V.PRABA, M.Sc.,M.Phil.,B.Ed.,Ph.D.GRAD OR

Assistant professor, Department of Mathematics,

Shrimati Indira Gandhi college,

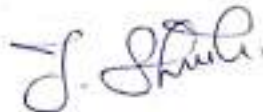
Tiruchirapalli-620 002.

CERTIFICATE

This is to certify that the project report entitled "**AN APPLICATION OF INTERVAL VALUED FUZZY MATRICES IN MEDICAL DIAGNOSIS**" is submitted by **J.AYISHA SIDDQHA**,
REG.NO: P 20191404 to **BHARATHIDASAN UNIVERSITY**
Tiruchirapalli in partial fulfillment for the award of the degree of
MASTER OF SCIENCE IN MATHEMATICS during the
year 2021-2022. This project work is done by the candidate under my
guidance.


Signature of the Guide

(Dr.V.PRABA)



Signature of the

Head of the Department

(Dr.J.SHANTHI)

The Head
Dept Of Mathematic..
Shrimati Indira Gandhi College
Tiruchirapalli - 620 002

Dr. V. PRABA, M.Sc., M.Phil., B.Ed., Ph.D., Grad OR.,

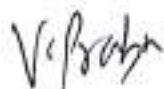
Assistant Professor, Department of Mathematics,

Shrimati Indira Gandhi College,

Tiruchirappalli - 620 002.

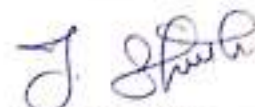
CERTIFICATE

This is to certify that the project report entitled "LAPLACE-BASED METHOD FOR THE LINEARIZED DYNAMICAL MODELS IN THE PRESENCE OF HILFER-FRACTIONAL OPERATOR" is submitted by A. BANUPRIYA, REG. NO: P 20191405 to BHARATHIDASAN UNIVERSITY Tiruchirappalli in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS during the year 2021-2022. This project work is done by the candidate under my guidance.



Signature of the Guide

(Dr. V. PRABA)



Signature of the

Head of the Department

(Dr. J. SHANTHI)

The Head
Dept Of Mathematic,
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Tiruchirappalli - 620 002

Dr. V.PRABA , M.Sc., M.Phil., B.Ed., Ph.D., Grad(OR),
Assistant Professor, Department of Mathematics,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002.

CERTIFICATE

This is to certify that the project report entitled "**EXCELLENT - JUST EXCELLENT-VERY EXCELLENT GRAPHS**" is submitted by **S.DHANALAKSHMI**, REG.NO:P20191406 to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.

V. Praba

Signature of the Guide

(Dr. V.PRABA)

J. Shanthi

Signature of the

Head of the Department

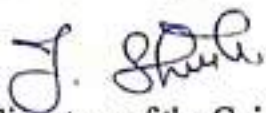
(Dr. J. SHANTHI)

The Head
Dept Of Mathematics
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002

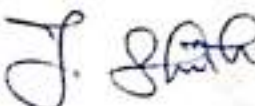
Dr. J. SHANTHI, M.Sc., M.Phil., B.Ed., Ph.D.,
Head, Department of Mathematics,
Shrimati Indira Gandhi college,
Tiruchirappalli - 620 002.

CERTIFICATE

This is to certify that the project report entitled "INTEGRAL SOLUTIONS OF THE TERNARY QUADRATIC EQUATIONS $x^2 + y^2 = z^2 + 10$ & $3(x^2 + y^2) - 5xy + x + y + 1 = 15z^2$ " is submitted by **P. DHANASSREE, REG.NO: P 20191407** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.


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Dr.J.SHANTHI, M.Sc.,M.Phil.,B.Ed.,Ph.D.,

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Shrimati Indira Gandhi college,

Tiruchirappalli-620 002.

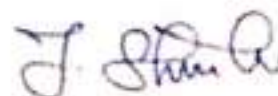
CERTIFICATE

This is to certify that the project report entitled “ **COMPLEMENT AND ISOMORPHISM OF A FUZZY GRAPH** ” is submitted by **P.DHARANI, REG.NO: P20191408** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



Signature of the Guide

(Dr.J.SHANTHI)



Signature of the

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Dr. J. Shanthi , M.Sc., M.Phil., B.Ed., Ph.D.,
Head, Department of Mathematics,
Shrimati Indira Gandhi College,
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CERTIFICATE

This is to certify that the project report entitled "**COMPARATIVE ANALYSIS OF VARIOUS NUMERICAL METHODS**" is submitted by **C.DHIVYADHARSHINI**, REG.NO:**P20191409** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



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Dr.J.SHANTHI, M.Sc.,M.Phil.,B.Ed.,Ph.D.,

Head, Department of Mathematics,

Shrimati Indira Gandhi college,

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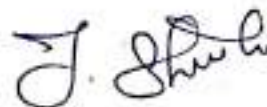
CERTIFICATE

This is to certify that the project report entitled **“SOLVING ORDINARY DIFFERENTIAL EQUATIONS BY MEANS OF SERIES METHOD”** is submitted by **K.GOMATHI, REG.NO: P20191410** to **BHARATHIDASAN UNIVERSITY Tiruchirappalli** in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



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Dr. J. SHANTHI, M.Sc., M.Phil., B.Ed., Ph.D.,

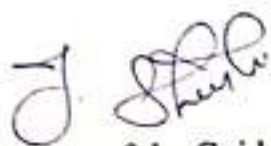
Head, Department of Mathematics,

Shrimati Indira Gandhi college,

Tiruchirappalli-620 002.

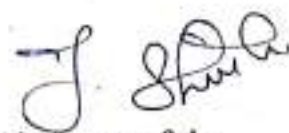
CERTIFICATE

This is to certify that the project report entitled "**LADDER GRAPHS WITH PENDANT EDGES ARE ODD GRACEFUL**" is submitted by **R.GOWRI, REG.NO: P 2019141** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



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Dr.J. SHANTHI, M.Sc.,M.Phil.,B.Ed.,Ph.D.,

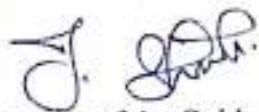
Head, Department of Mathematics,

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Tiruchirappalli-620 002.

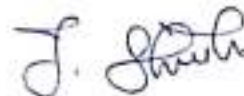
CERTIFICATE

This is to certify that the project report entitled "FUZZY LINEAR MATHEMATICAL PROGRAMMING IN AGRICULTURE" is submitted by S. GUNAPATHI, REG.NO: P 20191412 to BHARATHIDASAN UNIVERSITY, Tiruchirappalli in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS during the year 2020-2022. This project work is done by the candidate under my guidance.



Signature of the Guide

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Signature of the

Head of the Department

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Ms. D. MAHESWARI, M.Sc., M.Phil., SET.,

Assistant professor, Department of Mathematics,

Shrimati Indira Gandhi college,

Tiruchirappalli-620 002.

CERTIFICATE

This is to certify that the project report entitled "ZERO-SUM MAGIC GRAPHS AND THEIR NULL SETS" is submitted by G.HARSINI, REG.NO: P 20191413 to BHARATHIDASAN UNIVERSITY, Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.


Signature of the Guide

(Ms. D. MAHESWARI)



Signature of the

Head of the Department

(Dr. J. SHANTHI)

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Mrs. D. MAHESWARI, M.Sc., M. Phil., SET.,

Assistant professor, Department of Mathematics,

Shrimati Indira Gandhi college,

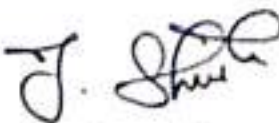
Tiruchirappalli - 620 002.

CERTIFICATE

This is to certify that the project report entitled "**HERMITIAN ADJACENCY MATRIX OF DIGRAPHS AND MIXED GRAPHS**" is submitted by **S. K. ISWARIA, REG.NO: P 20191414** to **BHARATHIDASAN UNIVERSITY Tiruchirappalli** in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.


Signature of the Guide


(Ms. D. MAHESWARI)



Signature of the

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(Dr. J.SHANTHI)

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Ms.D.MAHESWARI, M.Sc., M.Phil., SET.,

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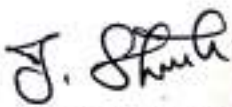
Tiruchirappalli-620 002.

CERTIFICATE

This is to certify that the project report entitled "**A STUDY ON GIRTH IN GRAPHS**" is submitted by **R.JANCYRANI, REG.NO:P 20191415** to **BHARATHIDASAN UNIVERSITY, Tiruchirappalli** in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.


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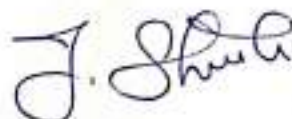
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CERTIFICATE

This is to certify that the project report entitled "A STUDY ON ALGEBRAIC K-THEORY" is submitted by A.JENIFER SOWNDR MARY, REG.NO: P 20191416 to BHARATHIDASAN UNIVERSITY Tiruchirappalli in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS during the year 2021-2022. This project work is done by the candidate under my guidance.


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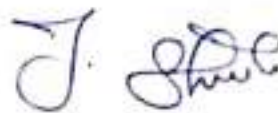
Tiruchirappalli-620 002.

CERTIFICATE

This is to certify that the project report entitled is submitted by "ON A NONLINEAR SYSTEM OF PDE'S ARISING IN FREE CONVECTION" is submitted by R.JENISHA SAIBI, REG.NO:P20191417 to BRATHIDASAN UNIVERSITY Tiruchirappalli in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS during the year 2021-2022. This project work is done by the candidate under my guidance.


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Ms.D. MAHESWARI, M.Sc., M.Phil., SET.,

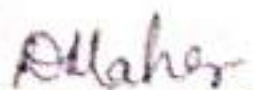
Assistant Professor, Department of Mathematics,

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CERTIFICATE

This is to certify that the project report entitled "**EIGENVALUES AND EXPANDERS**" is submitted by **S. KAMALI, REG.NO:P 20191420** to **BHARATHIDASAN UNIVERSITY, Tiruchirappalli** in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2020-2022. This project work is done by the candidate under my guidance.


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MS.V.ANBUVALLI,M.Sc.,M.Phil.,

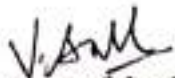
Assistant professor, Department of Mathematics,

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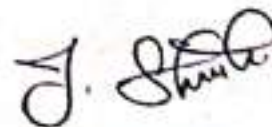
Tiruchirappalli-620 002.

CERTIFICATE

This is to certify that the project report entitled "**AN EFFICIENT PARALLEL ALGORITHM FOR THE LONGEST PATH PROBLEM IN MESHES**" is submitted by **S.KAVIBHARATHI, REG.NO: P 20191421** to **BHARATHIDASAN UNIVERSITY, Tiruchirappalli** in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.


Signature of the Guide

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Signature of the

Head of the Department

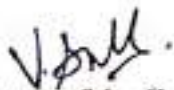
(J.SHANTHI)

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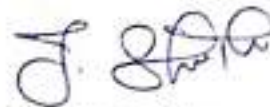
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This is to certify that the project report entitled "A STUDY ON FIBONACCI NUMBER OF THE TADPOLE GRAPH" is submitted by S. KAVIYA ARTHI REG.NO: P 20191422 to BHARATHIDASAN UNIVERSITY Tiruchirappalli in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS during the year 2020-2022. This project work is done by the candidate under my guidance.



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CERTIFICATE

This is to certify that the project report entitled "ENERGY OF PYTHAGOREAN FUZZY GRAPHS WITH APPLICATIONS" is submitted by **D.KEERTHANA, REG.NO: P20191423** to **BHARATHIDASAN UNIVERSITY Tiruchirappalli** in partial fulfilment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.


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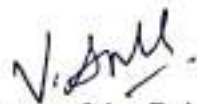
Assistant professor, Department of Mathematics,

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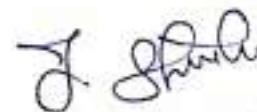
CERTIFICATE

This is to certify that the project report entitled " A STUDY ON
PARITY COMBINATION CORDIAL LABELING OF GRAPHS " is submitted by M.KIRUTHIGA, REG.NO: P 20191424 to BHARATHIDASAN UNIVERSITY Tiruchirappalli in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS during the year 2021-2022. This project work is done by the candidate under my guidance.



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Ms.V.ANBUVALLI, M.Sc.,M.Phil.,

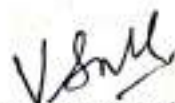
Assistant Professor, Department of Mathematics,

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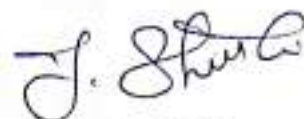
CERTIFICATE

This is to certify that the project report entitled " A STUDY ON V-FUZZY METRIC SPACE AND RELATED FIXED POINT THEOREMS " is submitted by C.KIRUTHIKA, REG.NO: P 20191425 to BHARATHIDASAN UNIVERSITY Tiruchirappalli in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS during the year 2021-2022. This project work is done by the candidate under my guidance.



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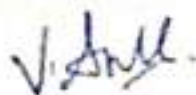
Assistant professor, Department of Mathematics,

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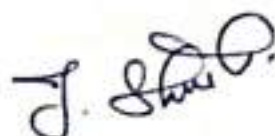
CERTIFICATE

This is to certify that the project report entitled "**A STUDY ON EDGE ODD GRACEFUL LABELING OF SOME SPECIAL GRAPHS**" is submitted by **M. KOKILA, REG.NO: P 20191426** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2020-2022. This project work is done by the candidate under my guidance.



Signature of the Guide

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Ms. J. KIRUTHIKA, M.Sc., M.Phil., MBA.,

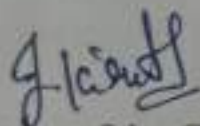
Assistant professor, Department of Mathematics,

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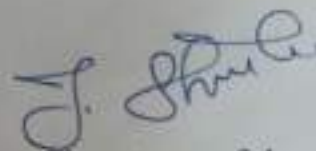
CERTIFICATE

This is to certify that the project report entitled "**A STUDY ON ELASTICITY WITHOUT STRESS OR STRAIN USING EULER LAGRANGE DIFFERENTIAL EQUATION**" is submitted by **C.PRIYADHARSHINI, REG.NO: P 18190527** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



Signature of the Guide

(MS. J. KIRUTHIKA)



Signature of the

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(Dr. J. SHANTHI)

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Dept Of Mathematic..
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Dr. N. UMAMAHESWARI, M.Sc., M.Phil., B.Ed., Ph.D.,

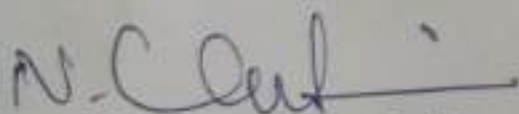
Assistant professor, Department of Mathematics,

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CERTIFICATE

This is to certify that the project report entitled "A STUDY ON DISTANCE OF SOME COMPOUND AND HEREDITARY GRAPHS" is submitted by D. MADHUMITHA, REG.NO: P 20191428 to BHARATHIDASAN UNIVERSITY, Tiruchirappalli in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS during the year 2020-2022. This project work is done by the candidate under my guidance.



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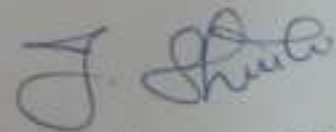
Tiruchirappalli-620 002.

CERTIFICATE

This is to certify that the project report entitled "AN IMPROVED BOUNDS ON THE BURNING NUMBER OF GRAPH PRODUCTS" is submitted by S.MADHUVARNAYAA, REG.NO: P20191429 to BHARATHIDASAN UNIVERSITY Tiruchirappalli in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS during the year 2020-2022. This project work is done by the candidate under my guidance.


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CERTIFICATE

This is to certify that the project report entitled "A STUDY ON PARITY IN GRAPH SHARING GAMES" is submitted by L.MANJULA, REG.NO: P20191430 to BHARATHIDASAN UNIVERSITY

Tiruchirappalli in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS during the year 2020-2022. This project work is done by the candidate under my guidance.


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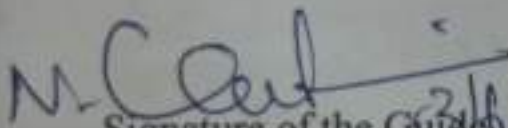
Assistant professor, Department of Mathematics,

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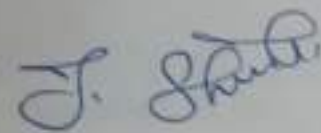
Tiruchirappalli-620 002.

CERTIFICATE

This is to certify that the project report entitled "**COMPLEX FUZZY LINEAR SYSTEMS**" is submitted by **S.MANJULA**,
REG.NO:P 20191431 to **BHARATHIDASAN UNIVERSITY**
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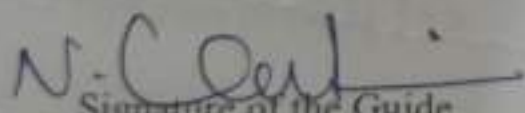
Shrimati Indira Gandhi college,


Tiruchirappalli-620 002.

CERTIFICATE

This is to certify that the project report entitled "**STOCHASTIC PROCESSES ON M/G/1 QUEUE AND HEAVY TRAFFIC LIMIT APPROXIMATION**" is submitted by **S.MATHU VIDHYA, REG NO:P20191432** to **BHARATHIDASAN UNIVERSITY**

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3/6/22
(Dr. N.UMAMAHESWARI)


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MS. M. REVATHI, M.Sc., M.phil.,

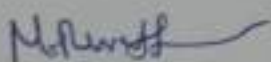
Assistant Professor, Department of Mathematics,

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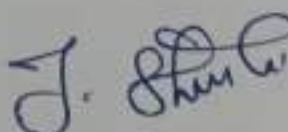
Tiruchirapalli-620 002.

CERTIFICATE

This is to certify that the project report entitled "**THE AVERAGE COVERING NUMBER OF A GRAPH**" is submitted by **R. MIRUTHULA, REG.NO: P 20191433** to **BHARATHIDASAN UNIVERSITY, Tiruchirapalli** in partial fulfilment for the award of the degree **MASTER OF SCIENCE IN MATHEMATICS** during the year **2020-2022**. This project work is done by the candidate under my guidance.


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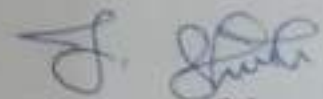
CERTIFICATE

This is to certify that the project report entitled "**A STUDY ON BIPOLAR FUZZY HYPERGRAPH**" is submitted by **A. NANCY, REG.NO: P 20191434** to **BHARATHIDASAN UNIVERSITY**

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CERTIFICATE

This is to certify that the project report entitled "**SOME RESULTS ON TOTAL BLOCK GRAPHS AND LINE GRAPHS AND QUASITOTAL GRAPHS**" is submitted by **S. NAVIYA,**

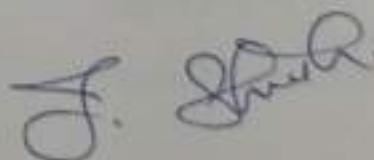
REG.NO: P 20191435 to BHARATHIDASAN UNIVERSITY,

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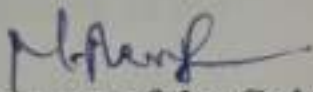
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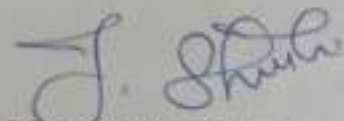
CERTIFICATE

This is to certify that the project report entitled "**OSCILLATORY PROPERTIES OF SOLUTIONS OF EVEN ORDER DIFFERENTIAL EQUATIONS**" is submitted by **M. PAVITHRA** REG.NO:P20191436 to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



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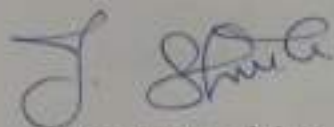
CERTIFICATE

This is to certify that the project report entitled "**ON STAR-SHAPED FUZZY SETS AND SEQUENCES OF FUZZY STAR-SHAPED NUMBERS**" is submitted by **D. PRAVEENA, REG.NO: P 20191437** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



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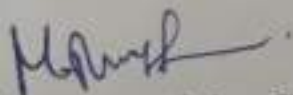
Assistant professor, Department of Mathematics,

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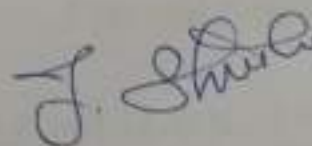
CERTIFICATE

This is to certify that the project report entitled "**IRREGULAR BIPOLAR FUZZY GRAPHS**" is submitted by **J. PRICILLA JANCY, REG.NO: P 20191438** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



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Ms. R. MAHESWARI, M.Sc., M.Phil.,
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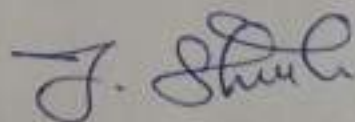
CERTIFICATE

This is to certify that the project report entitled "NUTRITION MODELING THROUGH NANO TOPOLOGY" is submitted by S. PRIYADHARSHINI, REG.NO: ^{P20191439} ~~P20191441~~ to BHARATHIDASAN UNIVERSITY Tiruchirappalli in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS during the year 2021-2022. This project work is done by the candidate under my guidance.



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Ms.R. MAHESWARI, M.Sc., M.Phil.,

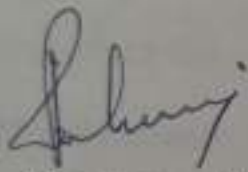
Assistant professor, Department of Mathematics,

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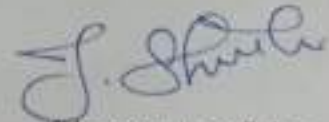
CERTIFICATE

This is to certify that the project report entitled “**A STUDY ON DOMINATION IN FUZZY SOFT GRAPHS**” is submitted by **K.SANGEETHA, REG.NO: P 20191440** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



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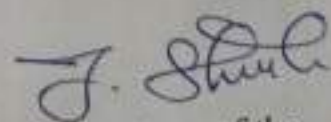
CERTIFICATE

This is to certify that the project report entitled “**NUTRITION MODELING THROUGH NANO TOPOLOGY**” is submitted by **S. PRIYADHARSHINI, REG.NO: P20191441** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



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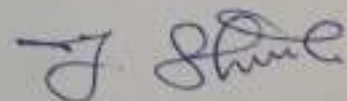
CERTIFICATE

This is to certify that the project report entitled "**TOPOLOGICAL APPROACH FOR DECISION-MAKING OF COVID -19 INFECTION VIA A NANO TOPOLOGY MODEL**" is submitted by **P.SANGEETHA, REG.NO: P 20191441** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



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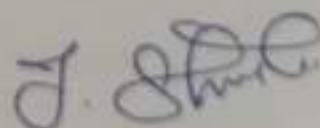
CERTIFICATE

This is to certify that the project report entitled "A STUDY ON FUZZY TOTAL COLORING AND CHROMATIC NUMBER OF A COMPLETE FUZZY GRAPH AND REGULAR FUZZY GRAPH" is submitted by **R.SANGEETHA, REG.NO: P 20191442** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



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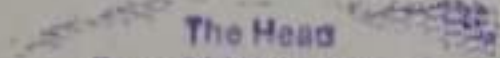
(**Ms. R. MAHESWARI**)



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Ms. R. MAHESWARI, M.Sc., M.Phil.,

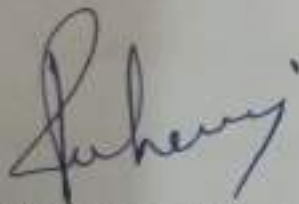
Assistant Professor, Department of Mathematics,

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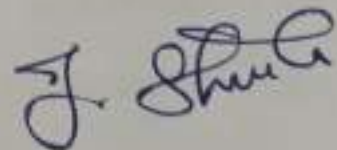
CERTIFICATE

This is to certify that the project report entitled "**A STUDY ON WEAKLY TRIANGULATED GRAPHS**" is submitted by **G. SANTHIYA**,
REG. NO: P 20191443 to **BHARATHIDASAN UNIVERSITY**
Tiruchirappalli in partial fulfillment for the award of the degree of
MASTER OF SCIENCE IN MATHEMATICS during the year 2021-
2022. This project work is done by the candidate under my guidance.



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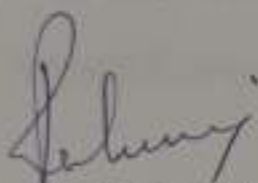
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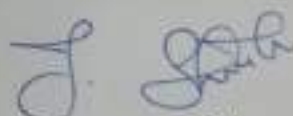
CERTIFICATE

This is to certify that the project report entitled “A STUDY ON DOUBLE VERTEX GRAPHS AND COMPLETE DOUBLE VERTEX GRAPHS” is submitted by **R. SANTHIYA, REG.NO: P 20191444** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021 - 2022. This project work is done by the candidate under my guidance.



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Ms. T. MAHALAKSHMI, M.Sc.,M.Phil.,B.Ed.,

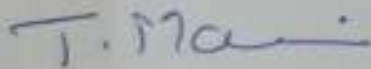
Assistant professor, Department of Mathematics,

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Tiruchirappalli-620 002.

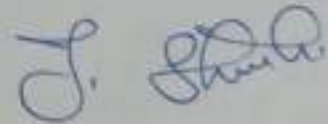
CERTIFICATE

This is to certify that the project report entitled “ **EXACT COVERING ON BUTTERFLY AND BENES NETWORKS** ” is submitted by **S.SARANYA, REG.NO: P20191445** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



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(Ms. T. MAHALAKSHMI)



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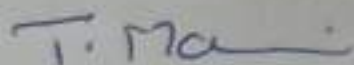
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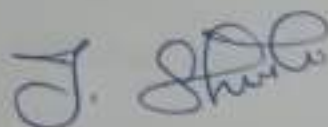
CERTIFICATE

This is to certify that the project report entitled "A STUDY ON CORDIAL LABELING FOR THE SPLITTING GRAPH OF SOME STANDARD GRAPHS" is submitted by E.SARUMATHI, REG.NO: P20191446 to BHARATHIDASAN UNIVERSITY, Tiruchirappalli in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS during the year 2021-2022. This project work is done by the candidate under my guidance.



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Ms.T.MAHALAKSHMI, M.Sc.,M.Phil.,B.Ed.,

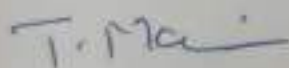
Assistant professor, Department of Mathematics,

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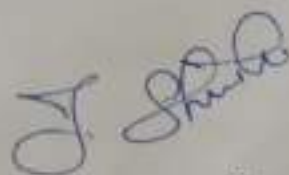
CERTIFICATE

This is to certify that the project report entitled "**OBSERVATIONS ON HOMOGENEOUS AND NON HOMOGENEOUS QUADRATIC DIOPHANTINE EQUATIONS**" is submitted by **S.SELVANATHI, REG.NO: P 20191447** to **BHARATHIDASAN UNIVERSITY Tiruchirappalli** in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



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Ms. T. MAHALAKSHMI, M.Sc.,M.Phil.,B.Ed.,

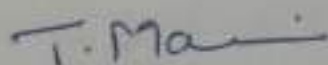
Assistant professor, Department of Mathematics,

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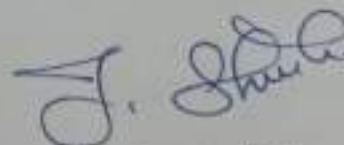
CERTIFICATE

This is to certify that the project report entitled “**THE INTERSECTION GRAPHS OF SUBTREES IN TREES ARE EXACTLY THE CHORDAL GRAPHS** ” is submitted by **R.SHALINI, REG.NO: P 20191448** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



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Ms. T. MAHALAKSHMI, M. Sc., M. Phil., B. Ed.,

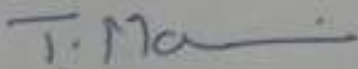
Assistant Professor, Department of Mathematics.

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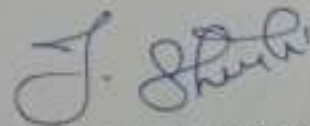
CERTIFICATE

This is to certify that the project report entitled "**A STUDY ON EDGE-TRANSITIVE GRAPHS**" is submitted by **S. SHALINI, REG. NO: P20191449** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfilment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



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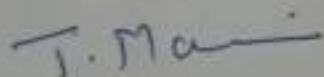
Shrimati Indira Gandhi college,

Tiruchirappalli-620 002.

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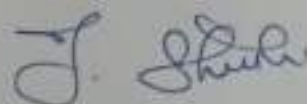
This is to certify that the project report entitled "**A STUDY ON INTEGER SOLUTION OF THE HOMOGENEOUS AND NON HOMOGENEOUS TRINARY QUADRATIC EQUATION**" is submitted by **V.SHOBANA, REG.NO: P 20191450** to **BHARATHIDASAN UNIVERSITY**

Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



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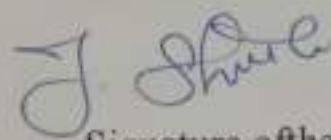
CERTIFICATE

This is to certify that the project report entitled **“ON COMPLETE INTERVAL VALUED FUZZY GRAPHS”** is submitted by **R.SOWNTHARYA, REG.NO: P20191451** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



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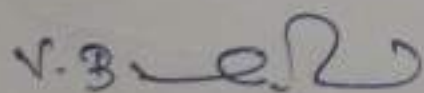
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CERTIFICATE

This is to certify that the project report entitled "A STUDY ON EVEN VERTEX ODD MEAN LABELING OF SOME GRAPHS" is submitted by Y. SUDHA PRINCIYA, REG.NO: P 20191452 to BHARATHIDASAN UNIVERSITY Tiruchirappalli in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS during the year 2021-2022. This project work is done by the candidate under my guidance.



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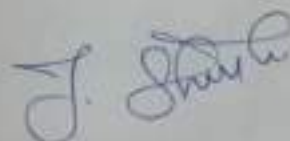
CERTIFICATE

This is to certify that the project report entitled "**A STUDY ON FUZZY GRAPH COLORING AND ITS APPLICATIONS**" is submitted by **M.SUVATHI, REG.NO: P 20191453** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



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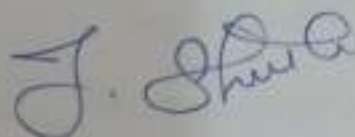
CERTIFICATE

This is to certify that the project report entitled "**REGULAR AND IRREGULAR INTERVAL VALUED FUZZY GRAPHS**" is submitted by **P.TAMIZHARASI, REG.NO: P 20191454** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



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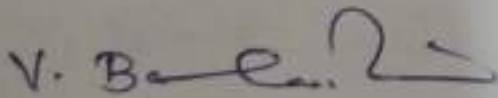
Assistant professor, Department of Mathematics,

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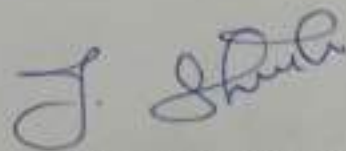
CERTIFICATE

This is to certify that the project report entitled "**A STUDY ON EVEN-ODD HARMONIOUS LABELING OF GRAPHS**" is submitted by **B.THANGAPRIYA, REG.NO: P 20191455** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



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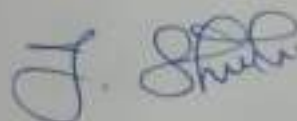
CERTIFICATE

This is to certify that the project report entitled “**A STUDY ON GEOMETRIC MEAN LABELING OF LINE GRAPHS**” is submitted by **D.THANUSPRIYA, REG.NO: P20191456** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



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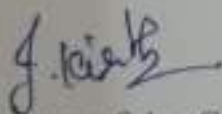
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Shrimati Indira Gandhi college,

Tiruchirappalli-620 002.

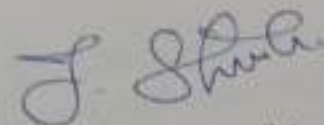
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This is to certify that the project report entitled "A STUDY ON HAMILTONIAN GRAPH INVOLVING NEIGHBORHOOD UNIONS" is submitted by A.VAISHALI, REG.NO: P 20191457 to BHARATHIDASAN UNIVERSITY Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



Signature of the Guide

(Ms.J.KIRUTHIKA)



Signature of the

Head of the Department

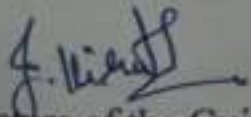
(Dr.J.SHANTHI)

The Head
Dept Of Mathematic..
Shrimati Indira Gandhi College
Tiruchirapalli - 620 002

Ms. J. KIRUTHIKA, M.Sc., M.Phil., MBA.,
Assistant Professor, Department of Mathematics,
Shrimati Indira Gandhi college,
Tiruchirappalli - 620 002.

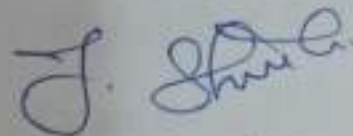
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This is to certify that the project report entitled "**A STUDY ON COMPUTING WITH PERMUTATION AND TRANSITIVE GRAPHS**" is submitted by **G.VAISHALI, REG.NO: P 20191458** to **BHARATHIDASAN UNIVERSITY, Tiruchirappalli** in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2020-2022. This project work is done by the candidate under my guidance.



Signature of the Guide

(Ms. J. KIRUTHIKA)



Signature of the

Head of the Department

(Dr. J. SHANTHI)

The Head
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Shrimati Indira Gandhi College
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Ms. J. KIRUTHIKA, M.Sc., M.Phil., MBA.,

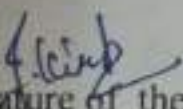
Assistant Professor, Department of Mathematics,

Shrimati Indira Gandhi College,

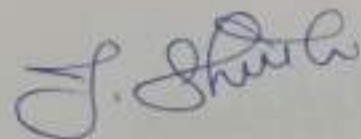
Tiruchirappalli - 620 002.

CERTIFICATE

This is to certify that the project report entitled **“A STUDY ON ROOT SQUARE MEAN LABELING OF SOME NEW DISCONNECTED AND DEGREE SPLITTING GRAPHS”** is submitted by **P. VIDHYA, REG. NO: P 20191459** to **BHARATHIDASAN UNIVERSITY** Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.


Signature of the Guide

(MS. J. KIRUTHIKA)



Signature of the

Head of the Department

(Dr. J. SHANTHI)

The Head
Dept Of Mathematic
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002

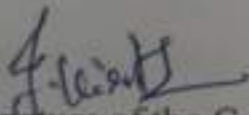
Ms. J. KIRUTHIKA, M.Sc., M.Phil., MBA.,

Assistant professor, Department of Mathematics,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002.

CERTIFICATE

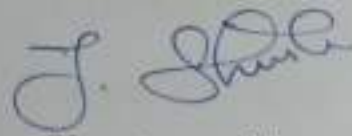
This is to certify that the project report entitled "**A STUDY ON SOME MODELS OF GRAPHS FOR SCHEDULING SPORTS COMPETITIONS**" is submitted by **K. VIJAYAVANI, REG.NO: P 20191460** to **BHARATHIDASAN UNIVERSITY,**

Tiruchirappalli in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** during the year 2021-2022. This project work is done by the candidate under my guidance.



Signature of the Guide

(Ms. J. KIRUTHIKA)



Signature of the

Head of the Department

(Dr. J.SHANTHI)

The Head
Dept Of Mathematic.
Shrimati Indira Gandhi College,
Tiruchirappalli - 620 002

Ms. J. KIRUTHIKA, M.Sc., M.phil., MBA.,

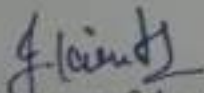
Assistant professor, Department of Mathematics,

Shrimati Indira Gandhi college,

Tiruchirappalli-620 002.

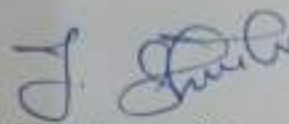
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This is to certify that the project report entitled "A STUDY ON RESOLUTION OF COMPOSITE FUZZY RELATION EQUATIONS" is submitted by A.VINOTHINI, REG.NO: P 20191461 to BHARATHIDASAN UNIVERSITY Tiruchirappalli in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS during the year 2021-2022. This project work is done by the candidate under my guidance.



Signature of the Guide

(Ms. J. KIRUTHIKA)



Signature of the

Head of the Department

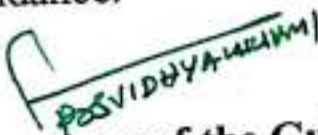
(Dr. J. SHANTHI)

The Head
Dept Of Mathematic.
Shrimati Indira Gandhi College
Tiruchirapalli - 620 002

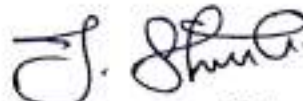
Dr.S.VIDHYALAKSHMI,M.Sc.,M.Phil.,B.Ed.,Ph.D.,
Principal & Assistant Professor,
PG & Research Department of Mathematics,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002.

CERTIFICATE

This is to certify that the project report entitled 'ON SPECIAL HOMOGENEOUS TERNARY QUADRATIC & CUBIC EQUATIONS' is submitted by K.HEMA, REG.NO: 2K21FT-23099 in partial fulfillment for the award of the degree of MASTER OF PHILOSOPHY IN MATHEMATICS to BHARATHIDASAN UNIVERSITY , TIRUCHIRAPPALLI during the academic year 2021-2022. This project work is done by the candidate under my guidance.


Signature of the Guide

(Dr.S.Vidhyalakshmi)
Dr. S. VIDHYALAKSHMI
Research Guide in Mathematics
Shrimathi Indira Gandhi College
Tiruchirappalli - 620 002.


Signature of the

Head of the Department

(Dr.J.Shanthi)

The Head
Dept Of Mathematic.
Shrimati Indira Gandhi College
Tiruchirapalli - 620 002


Signature of the Principal

(Dr.S.Vidhyalakshmi)
PRINCIPAL
Shrimati Indira Gandhi College
Tiruchirappalli-2.

Dr. N. UMAMAHESWARI, M. Sc., M. Phil., B. Ed., Ph.D

Assistant Professor, Department of Mathematics, Shrimati

Indira Gandhi college,

Tiruchirappalli - 620 002.

CERTIFICATE


This is to certify that the project report entitled "STOCHASTIC PROCESS FOR RANDOM EVENTS OF DISTRIBUTIONS, TIME SERIES AND DIFFUSION PROCESS" is submitted by **E.THATCHAYENI, REG.NO:2K21FT-23100** to **BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI** in partial fulfillment for the award of the degree of **MASTER OF PHILOSOPHY IN MATHEMATICS** during the year 2021-2022.

This project work is done by the candidate under my guidance.


Signature of the Guide

(Dr. N. UMAMAHESWARI)
Dr. N. UMAMAHESWARI
Research Guide in Mathematics
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002.


Signature of the


Signature of the principal

(Dr. S. VIDHYALAKSHMI)
PRINCIPAL
Shrimati Indira Gandhi College
Tiruchirappalli-2.

(Dr. J. SHANTHI)
The Head
Dept Of Mathematic,
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002



Helikem Biotek Industrial Research Pvt Ltd.,


(REG. NO : TM27D0008296)
CIN: U73100TN2019PTC131687



Dr.A.RAJA M.Sc., M.Phil., Ph.D.
Executive Director +91 99943 40197

CERTIFICATE

This is to certify that this dissertation entitled, '**Isolation of Lichens associated Lignolytic, peroxidase producing fungi and its efficacy on Coir effluent Treatment**' an independent research work done by **SALINI N** (Reg.No. **P20391419**) Second M.Sc., MICROBIOLOGY, **Shrimati Indira Gandhi College, Tiruchirappalli**. The entire research work has been carried out at **Helikem Biotek Industrial Research Pvt Ltd** for the award of Master of Science in **Microbiology**. She has successfully completed the above entitle project during the academic period March 2022 to May 2022. Further we certify that the results embodied in this thesis have not previously formed on the basis of any degree, diploma, associateship, fellowship or similar other titles.


Director and Research advisor
(Dr.A.RAJA)





Helikem Biotek Industrial Research Pvt Ltd.,

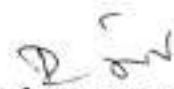
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CIN: U73100TN2019PTC131687

Dr.A.RAJA M.Sc., M.Phil., Ph.D.
Executive Director +91 99943 4019

CERTIFICATE

This is to certify that this dissertation entitled, '**Bio formulation of Turmeric oil nano composite and its effect on Prevention of vegetable spoilage**' an independent research work done by **PRIYADARSHINI R (Reg.No. P20391417)** Second M.Sc., MICROBIOLOGY, **Shrimati Indira Gandhi College, Tiruchirappalli**. The entire research work has been carried out at **Helikem Biotek Industrial Research Pvt Ltd** for the award of Master of Science in **Microbiology**. She has successfully completed the above entitle project during the academic period March 2022 to May 2022. Further we certify that the results embodied in this thesis have not previously formed on the basis of any degree, diploma, associateship, fellowship or similar other titles.


Director and Research advisor
(Dr.A.RAJA)





Helikem Biotek Industrial Research Pvt Ltd.,

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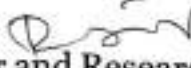
CIN: U73100TN2019PTC131687



Dr.A.RAJA M.Sc., M.Phil., Ph.D.,
Executive Director +91 99943 40197

CERTIFICATE

This is to certify that this dissertation entitled, '**Isolation and Screening of Bio active compounds from root of *Anacyclus pyrethrum*- An Antioxidant, Anti-inflammatory and antibacterial study**' an independent research work done by **KEERTHANA S (Reg.No. P20391410)** Second M.Sc., MICROBIOLOGY, **Shrimati Indira Gandhi College, Tiruchirappalli**. The entire research work has been carried out at **Helikem Biotek Industrial Research Pvt Ltd** for the award of Master of Science in **MICROBIOLOGY**. She has successfully completed the above entitle project during the academic period March 2022 to May 2022. Further we certify that the results embodied in this thesis have not previously formed on the basis of any degree, diploma, associateship, fellowship or similar other titles.


Director and Research advisor
(Dr.A.RAJA)





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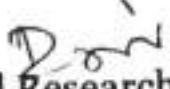
This is to certify that this dissertation entitled, '**Optimization of Carbon and agro waste for the production of Organic Acid from fungi isolated from paddy field**' an independent research work done by **BHUVANESWARI S (Reg.No. P20391405)** Second M.Sc., MICROBIOLOGY, **Shrimati Indira Gandhi College, Tiruchirappalli**. The entire research work has been carried out at **Helikem Biotek Industrial Research Pvt Ltd** for the award of Master of Science in **Microbiology**. She has successfully completed the above entitle project during the academic period March 2022 to May 2022. Further we certify that the results embodied in this thesis have not previously formed on the basis of any degree, diploma, associateship, fellowship or similar other titles.


Director and Research advisor
(Dr.A.RAJA)



CERTIFICATE

This is to certify that this dissertation entitled, '**Isolation of Biosurfactant from Petrol bunk site and its hydrocarbon degradation potential**' an independent research work done by **DIVYA R (Reg.No. P20391407)** Second M.Sc., **MICROBIOLOGY, Shrimati Indira Gandhi College, Tiruchirappalli**. The entire research work has been carried out at **Helikem Biotek Industrial Research Pvt Ltd** for the award of Master of Science in **Microbiology**. She has successfully completed the above entitle project during the academic period March 2022 to May 2022. Further we certify that the results embodied in this thesis have not previously formed on the basis of any degree, diploma, associateship, fellowship or similar other titles.


Director and Research advisor
(Dr.A.RAJA)





DEPARTMENT OF PETROCHEMICAL TECHNOLOGY
UNIVERSITY COLLEGE OF ENGINEERING (BIT CAMPUS)
ANNA UNIVERSITY
TIRUCHIRAPPALLI - 620 024.

Dr. M.Arulmozhi, M.E., Ph.D.,
Professor

Date: 31.05.2022

CERTIFICATE

This is to certify that the work entitled "Bio-approach Zinc Oxide Nanoparticles Using *Sargassum muticum* Seaweed Extract and Antibacterial Activities Towards Pathogenic Bacteria" is a bonafide work of Miss. R. RANJITHA (Roll No. P20391418) for the degree of Master of Science in Microbiology is based on the result of studies carried out by her under my supervision in the Department of Petrochemical Technology, BIT Campus, Anna University, Tiruchirappalli as a partial fulfillment of the major project during the period from March 2022 to May 2022.

I further certify that no part of this dissertation has been submitted anywhere else for the award of any degree, diploma, associateship, fellowship or other similar titles to any candidates.

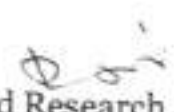
M. Arulmozhi
01-06-2022
(Dr. M. Arulmozhi)

Dr. M. ARULMOZHI, M.E., Ph.D.,
Professor
Dept. of Petrochemical Technology,
University College of Engineering (BIT Campus)
Anna University, Tiruchirappalli.



CERTIFICATE

This is to certify that this dissertation entitled, '**Bio formulation of Coffee seed extract Silver nano composite preparation and its effect on anthracnose Plant Disease**', an independent research work done by **ABINAYA A (Reg.No. P20391401)** Second M.Sc., MICROBIOLOGY, **Shrimati Indira Gandhi College, Tiruchirappalli**. The entire research work has been carried out at **Helikem Biotek Industrial Research Pvt Ltd** for the award of Master of Science in **Microbiology**. She has successfully completed the above entitle project during the academic period March 2022 to May 2022. Further we certify that the results embodied in this thesis have not previously formed on the basis of any degree, diploma, associateship, fellowship or similar other titles.


Director and Research advisor
(Dr.A.RAJA)





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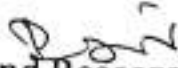
(REG. NO : TN27D0008296)

CIN: U73100TN2019PTC131687

Dr.A.RAJA M.Sc., M.Phil., Ph.D
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CERTIFICATE

This is to certify that this dissertation entitled, '**Isolation of Antiurolithic and antibacterial compound - an *in vitro* and *in silico* evaluation of secondary metabolite from *Streptomyces sp*'** an independent research work done by **LIZZY J (Reg.No. P20391411)** Second M.Sc., MICROBIOLOGY, **Shrimati Indira Gandhi College, Tiruchirappalli.** The entire research work has been carried out at **Helikem Biotek Industrial Research Pvt Ltd** for the award of Master of Science in **Microbiology.** She has successfully completed the above entitle project during the academic period March 2022 to May 2022. Further we certify that the results embodied in this thesis have not previously formed on the basis of any degree, diploma, associateship, fellowship or similar other titles.


Director and Research advisor
(Dr.A.RAJA)






Helikem Biotek Industrial Research Pvt Ltd.,

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CIN: U73100TN2019PTC131687

Dr.A.RAJA M.Sc., M.Phil., Ph.D.
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CERTIFICATE

This is to certify that this dissertation entitled, '**Isolation of Endophytic Bacterium associated with root of *M.pudica* and its metabolites profiling**' an independent research work done by **NITHYA V (Reg.No. P20391414)** Second M.Sc., MICROBIOLOGY, **Shrimati Indira Gandhi College, Tiruchirappalli**. The entire research work has been carried out at **Helikem Biotek Industrial Research Pvt Ltd** for the award of Master of Science in **Microbiology**. She has successfully completed the above entitle project during the academic period March 2022 to May 2022. Further we certify that the results embodied in this thesis have not previously formed on the basis of any degree, diploma, associateship, fellowship or similar other titles.


Director and Research advisor
(Dr.A.RAJA)





Helikem Biotek Industrial Research Pvt Ltd.,

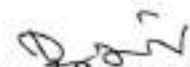
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CERTIFICATE

This is to certify that this dissertation entitled, 'Isolation of probiotic and pre biotic from Red algae (Rhodophyta) and its antibacterial activity' an independent research work done by **ASIYA MARIYAM M** (Reg.No. P20391404) Second M.Sc., Microbiology, **Shrimati Indira Gandhi College, Tiruchirappalli**. The entire research work has been carried out at **Helikem Biotek Industrial Research Pvt Ltd** for the award of Master of Science in **MICROBIOLOGY**. She has successfully completed the above entitle project during the academic period March 2022 to May 2022. Further we certify that the results embodied in this thesis have not previously formed on the basis of any degree, diploma, associateship, fellowship or similar other titles.



Director and Research advisor
(Dr.A.RAJA)





CERTIFICATE

This is to certify that this dissertation entitled, '**Extraction and Evaluation of Antibacterial, Antifungal and Antioxidant activity of Pumpkin seed oil**' an independent research work done by **SUBASRI R (Reg.No. P20391424)** Second M.Sc., MICROBIOLOGY, **Shrimati Indira Gandhi College, Tiruchirappalli.** The entire research work has been carried out at **Helikem Biotek Industrial Research Pvt Ltd** for the award of Master of Science in **Microbiology**. She has successfully completed the above entitle project during the academic period March 2022 to May 2022. Further we certify that the results embodied in this thesis have not previously formed on the basis of any degree, diploma, associateship, fellowship or similar other titles.


Director and Research advisor
(Dr.A.RAJA)






CERTIFICATE

This is to certify that this dissertation entitled, 'Antioxidant and Anticancer potential of Secondary metabolites isolated from termite mound adopted Actinomycetes' an independent research work done by **YOGESHWARI K (Reg.No. P20391428)** Second M.Sc., Microbiology, **Shrimati Indira Gandhi College, Tiruchirappalli.** The entire research work has been carried out at **Helikem Biotek Industrial Research Pvt Ltd** for the award of Master of Science in **MICROBIOLOGY.** She has successfully completed the above entitle project during the academic period March 2022 to May 2022. Further we certify that the results embodied in this thesis have not previously formed on the basis of any degree, diploma, associateship, fellowship or similar other titles.




Director and Research advisor
(Dr.A.RAJA)



Helikem Biotek Industrial Research Pvt Ltd.,

(REG. NO : TN27D0008296)

CIN: U73100TN2019PTC131687



Dr.A.RAJA M.Sc. M.Phil. Ph.D.
Executive Director +91 99943 40197

TO WHOMSOEVER IT MAY CONCERN

This is to certify that R THENMOZHI a student of second M.Sc., Microbiology, Shrimati Indira Gandhi College, Tiruchirappalli has successfully completed a summer internship in the field of Molecular biology during 2ND MARCH 2022 to 12TH March 2022 under the guidance of Dr.A.RAJA.

Her internship activities include familiarization to RTPCR and their operations and process along with a RNA extraction, amplification and Data analysis as per ICMR guidelines.

During the period of her internship program with us, she had been exposed to different processes on RT-PCR diagnosis and was found diligent, hardworking and inquisitive.

We wish her every success in his life and career


For HELIKEM BIOTEK INDUSTRIAL RESEARCH
PVT LTD, TIRUCHIRAPPALLI.

Director





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ST No: 33AAMFT9621L120

CERTIFICATE

This to certify that the thesis entitles, "**Transcriptional regulatory protein ComA inhibition properties of Moringa oleifera aqueous leaf extract.**" is an independent research work done by **P. MANISHA KOIRALA** of second year M.Sc. Microbiology, **Shrimati Indira Gandhi College**, Tiruchirappalli. The entire research work has been carried out at **TANBIO R and D Solution**, Vallam, Thanjavur - 613 403, for the award of Master of Science in **MICROBIOLOGY**. She has successfully completed the above entire project during the academic year **February 2022 to May 2022**.

Dr. B. Purushothaman M.Tech., Ph.D.
CEO and Scientist



GST No: 33AAMFT9621L1Z0

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CERTIFICATE

This to certify that the thesis entitles, "In silico and In vitro approaches to predict the enolase inhibitory activity of *Acalypha indica* aqueous leaf extract." is an independent research work done by V. SEVENTHI of second year M.Sc., Microbiology, Shrimati Indira Gandhi College, Tiruchirappalli. The entire research work has been carried out at TANBIO R and D Solution, Vallam, Thanjavur - 613 403, for the award of Master of Science in MICROBIOLOGY. She has successfully completed the above entire project during the academic year February 2022 to May 2022.

Dr. B. Purushothaman M.Tech., Ph.D
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CERTIFICATE

This to certify that the thesis entitles, "**In silico and In vitro approaches to predict the MepR efflux protein inhibitory activity of *Ocimum sanctum* aqueous leaf extract**" is an independent research work done by **R. SELVAPRIYA** of second year M.Sc., Microbiology, **Shrimati Indira Gandhi College**, Tiruchirappalli. The entire research work has been carried out at **TANBIO R and D Solution**, Vallam, Thanjavur - 613 403, for the award of Master of Science in MICROBIOLOGY. She has successfully completed the above entire project during the academic year **February 2022 to May 2022**.

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GST No: 33AAMFT9621L1ZQ

CERTIFICATE

This to certify that the thesis entitles, "**MexAB – OprM efflux pump inhibitory activity of aqueous seed extract of *Moringa oleifera* – An In silico and In vitro approach**" is an independent research work done by **R. PAVITHRA** of second year M.Sc., Microbiology, **Shrimati Indira Gandhi College**, Tiruchirappalli. The entire research work has been carried out at **TANBIO R and D Solution**, Vallam, Thanjavur – 613 403, for the award of Master of Science in **MICROBIOLOGY**. She has successfully completed the above entire project during the academic year **February 2022 to May 2022**.

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Dr. B. Purushothaman M.Tech., Ph.D

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CIN No. : U73200TR2017PTC119073

Dr. E. Angel Jemima., M.Phil., Ph.D., DIWT.,
Chief Executive Officer.

24.05.2022
Thillai Nagar

Certificate of Completion

This is to certify that Ms. AISWARIA J, (Reg. No: P20351402) M.Sc., final year student of the Department of Microbiology, Shrimati Indira Gandhi College, Tiruchirapalli- 620002, has successfully completed her final year research project entitled "BIODEGRADATION OF INDUSTRIAL WASTE USING CYANOBACTERIAL SPECIES" under my guidance and supervision from 10th Mar 2022 to 24th May 2022 at Trichy Research Institute of Biotechnology Private Limited, Trichy – 620018. It is further certified that the dissertation or any part thereof has not been submitted elsewhere for any degree or diploma.

Authorized Signature
Dr. E. ANGEL JEMIMA, Ph.D.,
Chief Executive Officer
TRICHY RESEARCH INSTITUTE OF BIOTECHNOLOGY
No 107-D 2nd Floor 9th Cross (East),
Thillai Nagar, Trichy-620 018.



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This to certify that the thesis entitles, "**Cobalamin – Independent Methionine Synthase (MetE) inhibitory potential of aqueous flower extract of *Eclipta alba***" is an independent research work done by K. VISHNUPRIYA of second year M.Sc., Microbiology, **Shrimati Indira Gandhi College**, Tiruchirappalli. The entire research work has been carried out at **TANBIO R and D Solution**, Vallam, Thanjavur – 613 403, for the award of Master of Science in MICROBIOLOGY. She has successfully completed the above entire project during the academic year **February 2022 to May 2022**.

Dr. B. Purushothaman M.Tech., Ph.D

CEO and Scientist

CERTIFICATE

This to certify that the thesis entitles, "**Cadmium efflux protein inhibitory activity of *Ocimum basilicum* methanolic leaf extract -An In silico and In vitro approach**" is an independent research work done by **S. SARANYA** of second year M.Sc., Microbiology, **Shrimati Indira Gandhi College, Tiruchirappalli**. The entire research work has been carried out at **TANBIO R and D Solution**, Vallam, Thanjavur - 613 403, for the award of Master of Science in **MICROBIOLOGY**. She has successfully completed the above entire project during the academic year **February 2022 to May 2022**.



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This is to certify that this dissertation entitled, '**Extraction and Identification of antibacterial and antiviral compounds from polyherbal extract with spices- An *in vitro* and *in silico* analysis**' an independent research work done by **PARAMESWARI V (Reg.No. P20391415)** Second M.Sc., MICROBIOLOGY, **Shrimati Indira Gandhi College, Tiruchirappalli**. The entire research work has been carried out at **Helikem Biotek Industrial Research Pvt Ltd** for the award of Master of Science in **MICROBIOLOGY**. She has successfully completed the above entitle project during the academic period March 2022 to May 2022. Further we certify that the results embodied in this thesis have not previously formed on the basis of any degree, diploma, associateship, fellowship or similar other titles.


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This to certify that the thesis entitles, "**Insilico and Invitro approaches to predict the TriABC efflux protein inhibitory activity of aqueous leaf extract of *Eclipta alba***" is an independent research work done by **R. GAYATHIRI** of second year M.Sc., Microbiology, **Shrimati Indira Gandhi College**, Tiruchirappalli. The entire research work has been carried out at **TANBIO R and D Solution**, Vallam, Thanjavur - 613 403, for the award of Master of Science in **MICROBIOLOGY**. She has successfully completed the above entire project during the academic year **February 2022 to May 2022**.

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This to certify that the thesis entitled, "*Antibacterial potential of supramolecular compound of thioside B and its molecular docking.*" is an *independent research work done* by S. DHANAPRIYA of second year M.Sc., Microbiology, *Sri Mata Jindji College*, Tiruchirappalli. The entire research work has been carried out at *TANBIO R and D Solution*, Vallam, Thanjavur - 613 403, for the award of *Master of Science in MICROBIOLOGY*. She has successfully completed the above entire project during the academic year **February 2022 to May 2022**.

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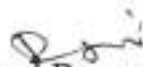
This to certify that the thesis entitles, "**Antibacterial potential of saponin derived compound uttroside B and its molecular docking.**" is an independent research work done by **S. DHANAPRIYA** of second year M.Sc., Microbiology, **Shrimati Indira Gandhi College, Tiruchirappalli**. The entire research work has been carried out at **TANBIO R and D Solution, Vallam, Thanjavur - 613 403**, for the award of Master of Science in **MICROBIOLOGY**. She has successfully completed the above entire project during the academic year **February 2022 to May 2022**.

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This is to certify that this dissertation entitled, '**Screening of Hemolysin inhibitors from phytochemical derived from Green pepper extract**' an independent research work done by **AKSHAYA G (Reg.No. P20391403)** Second M.Sc., **MICROBIOLOGY, Shrimati Indira Gandhi College, Tiruchirappalli.** The entire research work has been carried out at **Helikem Biotek Industrial Research Pvt Ltd** for the award of Master of Science in **Microbiology.** She has successfully completed the above entitle project during the academic period March 2022 to May 2022. Further we certify that the results embodied in this thesis have not previously formed on the basis of any degree, diploma, associateship, fellowship or similar other titles.


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This is to certify that this dissertation entitled, '**Isolation of Probiotic from Idli Batter associated with Antibacterial (*In Vitro*) and Antimycobacterial (*in silico*) Selectivity**' an independent research work done by **THABITHAL GRACY S (Reg.No. P20391425) Second M.Sc., MICROBIOLOGY, Shrimati Indira Gandhi College, Tiruchirappalli.** The entire research work has been carried out at **Helikem Biotek Industrial Research Pvt Ltd** for the award of Master of Science in **MICROBIOLOGY.** She has successfully completed the above entitle project during the academic period March 2022 to May 2022. Further we certify that the results embodied in this thesis have not previously formed on the basis of any degree, diploma, associateship, fellowship or similar other titles.


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DEPARTMENT OF PETROCHEMICAL TECHNOLOGY
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Date: 31.05.2022

CERTIFICATE

This is to certify that the work entitled "**Facile green synthesis of zinc oxide nanoparticles using *Sargassum muticum* seaweed extract and its application for environmental dye remediation**" is a bonafide work of Miss. P. MAHALAKSHMI (Roll No. P20391412) for the degree of Master of Science in Microbiology is based on the result of studies carried out by her under my supervision in the Department of Petrochemical Technology, BIT Campus, Anna University, Tiruchirappalli as a partial fulfillment of the major project during the period from March 2022 to May 2022.

I further certify that no part of this dissertation has been submitted anywhere else for the award of any degree, diploma, associateship, fellowship or other similar titles to any candidates.

M. Arulmozhi
01-06-2022

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This to certify that the thesis entitles, "**Glutathione transferase inhibitory potential of aqueous leaf extract of *Catharanthus roseus***" is an independent research work done by S. SINDHUJA of second year M.Sc., Microbiology, **Shrimati Indira Gandhi College**, Tiruchirappalli. The entire research work has been carried out at **TANBIO R and D Solution**, Vallam, Thanjavur – 613 403, for the award of Master of Science in MICROBIOLOGY. She has successfully completed the above entire project during the academic year **February 2022 to May 2022**.

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This is to certify that the project work entitled “ Fungal infections diagnosis - Past, present and future ” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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This is to certify that the project work entitled "Bacteriophage therapy: recent developments and applications of a renaissance weapon " has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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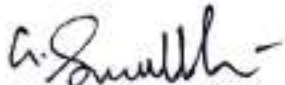
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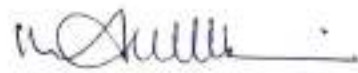
CERTIFICATE

This is to certify that the project work entitled “Biochemical determination of indicator organism from the canned fish ” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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This is to certify that the project work entitled “ Isolation of fungi from the shrimp ” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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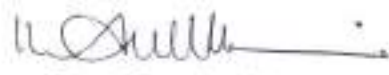
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This is to certify that the project work entitled "Determination of the microbial flora from the pigmented salt " has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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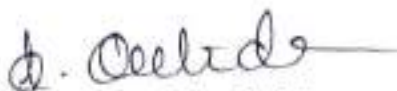
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This is to certify that the project work entitled "Identification of bacteria from the orange peel" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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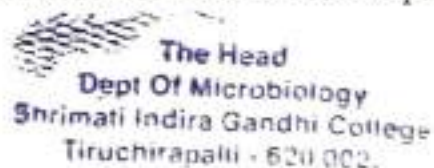
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This is to certify that the project work entitled “ Identification of fungi from the banana peel” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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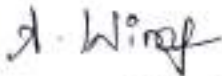
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This is to certify that the project work entitled " Identification of fungi from the orange peel" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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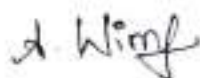
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This is to certify that the project work entitled "Examination of turmeric for the fungal growth" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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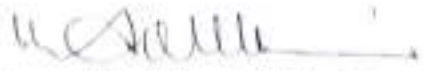
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CB19S410160	S.Sneka
CB19S410161	V.Sofia Dayal
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CB19S410166	P.Suganya
CB19S410167	P.Sumithra
CB19S410168	R.Swathi
CB19S410169	P.Thamarai

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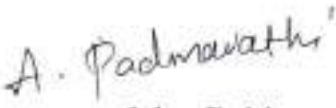
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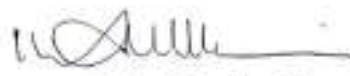
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CB19S410172	B.Vaishanavi
CB19S410173	K.Varsha
CB19S410174	R.Vidyasri
CB19S410175	A.Vinodha


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Tiruchirappalli-2



CERTIFICATE

This is to certify that this dissertation entitled "IN VITRO ANTIDIABETIC AND ANTIMICROBIAL ACTIVITIES OF ORTHOSIPHON STAMINEUS" is a Bonafide record of work done by M. ROOPMATHI (Register No : 2K21FT-23098) is based on the results carried out by her my guidance and supervision for the partial fulfilment of Master of Philosophy in Department of Microbiology, Shrimati Indira Gandhi College, (Nationally Accredited at 'A' Grade (3rd cycle) by NAAC), Tiruchirappalli-2, affiliated to Bharathidasan University, Tiruchirappalli-2, during the year 2021-2022. I further certify that this work is her original work and no part of this thesis has been submitted for award of any Degree/Diploma/fellowship or any other similar title.

Head of the Department
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Research Advisor
The Head
Dept Of Microbiology
Shrimati Indira Gandhi College
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Signature of the Principal
PRINCIPAL
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Dr.K.SUJATHA, M.Sc., M.Phil., Ph.D.,
Assistant Professor, Department of Physics,
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Trichy-2.

CERTIFICATE

This is to certify that this report entitled, "A STUDY OF OPTICAL ACTIVITY OF AQUEOUS SOLUTIONS OF LACTOSE AND ARGININE" is submitted in partial fulfillment for the MASTER OF SCIENCE IN PHYSICS, at Shrimati Indira Gandhi College, Tiruchirappalli affiliated to Bharathidasan University. It is further certified that it is a bonafide record of the project carried out by Miss. K.AKILANDASWARI Reg. No. P20201401 under my supervision and guidance.

K. Sujatha
Signature of the Internal Guide

K. Akilandaswari
Signature of the Head of
the department

Signature of the External Examiner

S. Parvathy
3/6/2022
(Dr. S. PARV)



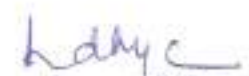
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I here certify that the project work entitled "**GROWTH AND CHARACTERIZATION OF GEL GROWN AMMONIUM STRONTIUM MIXED TARTRATE CRYSTALS**" submitted to **BHARATHIDASAN UNIVERSITY** in **APRIL 2022** in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN PHYSICS**, is the work of **A.AMUTHA (P 20201402)** carried out under my supervision during the academic period 2020-2022.


Signature of

Head of the department
(**Dr.S.SANTHAKUMARI**)


Signature of the guide

Dr.S.Vidhya

Date:




External Examiner
3/6/2022

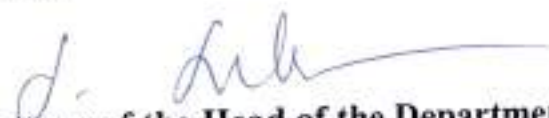
Dr.S. PARV


 S.VIDHYA

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DEPARTMENT OF PHYSICS,
SHRIMATI INDIRA GANDHI COLLEGE,
TIRUCHIRAPALLI – 620 002.


CERTIFICATE

This is to certify that the dissertation entitled
“**VISCOMETRIC AND ACOUSTICAL PARAMETERS OF
DISACCHARIDES IN AQUEOUS MEDIUM**” submitted by
R.ASWINI (Reg.No. P 20201404) In partial fulfillment of the
requirement for the award of the degree of **MASTER DEGREE IN
PHYSICS** for the academic year 2021-2022 has been done under my
guidance.

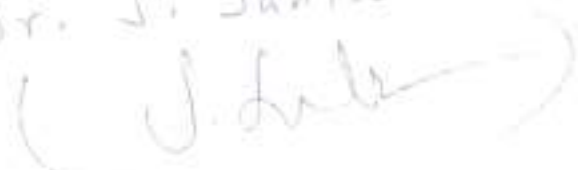

Signature of the Head of the Department
(Dr. S.SANTHAKUMARI)


Signature of the guide
(Dr.S.SANTHAKUMARI)




Signature of the External Examiner

Dr. S. PARI

Dr. S. Santhakumari
()

Dr.A.ANGELIN PREMA, M.Sc., M.Phil. B.Ed.,Ph.D.,

ASSISTANT PROFESSOR,

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CERTIFICATE

This is to certify that the dissertation entitle **"STUDY OF ANTIOXIDANT STABILITY IN EDIBLE OIL USING PARAMETERS."** Submitted to **BHARATHIDASAN UNIVERSITY**, In partial fulfillment of the requirement for the degree of **MASTER OF SCIENCE IN PHYSICS** is a record of original work done by **A.BRISCILLA MADONA (REGISTER. NO. P 20201406)** Under my guidance and that this project work has not formed the basis for the award of any degree diploma/associate/fellowship or similar title to any candidate of any university.



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(Dr.S.SANTHAKUMARI)

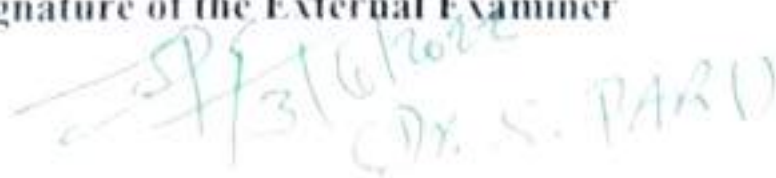


Signature of the guide

(Dr.A.ANGELIN PREMA)



Signature of the External Examiner



SPF/316/2022
DR. S. PARVATHI



Dr. Mrs. N. SHARMILA, M.Sc., M.Phil., Ph.D.,

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TIRUCHIRAPALLI – 620 002.

CERTIFICATE

This is to certify that the dissertation entitles “**MOLECULAR STRUCTURE AND DRUGLIKENESS OF QUINOLINE DERIVATIVES**” submitted to BHARATHIDASAN UNIVERSITY, in partial fulfilment of the requirement for the degree of Master of Science in Physics is a record of original work done by **A.HARINI (Reg. No. P 20201407)** under my guidance and that this project work has not formed the basis for the award of any degree diploma/associate/fellowship or similar title to any candidate of any university.

S.P.F.
3/6/22

Signature of the External Examiner

N.S.R.

Signature of the guide



S. Santhakumari
Signature of the Head of the Department

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Mrs. V. VIJAYA M.Sc., M. Phil., PGDCA.,

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Department of physics,

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Tiruchirappalli - 620 002.

CERTIFICATE

This is to certify that this project report entitled **“FTIR SPECTRAL ANALYSIS ON SOME DIABETES DRUGS”** Submitted by R. HETCY JOVITTA (Reg. No: P 20201408) partial Fulfilment of the requirements for the award of the **MASTER DEGREE IN PHYSICS** for the academic year 2020-20 22 has been done under my guidance.



**SIGNATURE OF THE HEAD
THE DEPARTMENT**

(Dr. S. SANTHA KUMARI)



SIGNATURE OF THE GUIDE

(V. VIJAYA)



EXTERNAL EXAMINER

SPF
3/6/2022
Dr. S. PARI

Dr. Mrs. N. SHARMILA, M.Sc., M.Phil., Ph.D.,
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TIRUCHIRAPALLI – 620 002.

CERTIFICATE

This is to certify that the dissertation entitles “ **STRUCTURAL AND DRUGLIKENESS ANALYSIS OF BENZOFURAN DERIVATIVES**” submitted to BHARATHIDASAN UNIVERSITY, in partial fulfillment of the requirement for the degree of Master of Science in Physics is a record of original work done by **M.JANANI (Reg. No. P 20201410)** under my guidance and that this project work has not formed the basis for the award of any degree diploma/associate/fellowship or similar title to any candidate of any university.

S.P.
3/6/2022

Signature of the External Examiner

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Signature of the guide



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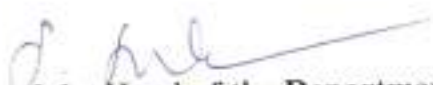
Signature of the Head of the Department


(Dr. S.SANTHAKUMARI)

Dr. S.SANTHAKUMARI, M.Sc., M.Phil., B.Ed., Ph.D.,
HEAD, ASSISTANT PROFESSOR,
DEPARTMENT OF PHYSICS,
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TIRUCHIRAPALLI – 620 002.

CERTIFICATE

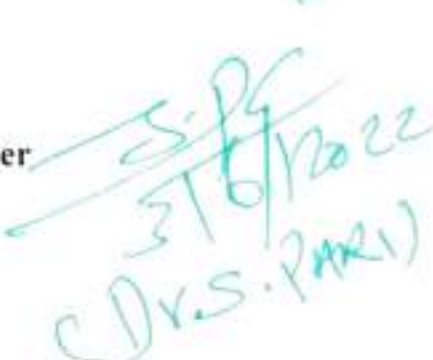
This is to certify that the dissertation entitled “INTERMOLECULAR INTERACTIONS OF CCL_4 AND NaCl USING ULTRASONIC VELOCITY” submitted by T.KALPANA (Reg.No. P20201411) In partial fulfillment of the requirement for the award of the degree of **MASTER DEGREE IN PHYSICS** for the academic year 2021-2022 has been done under my guidance.


Signature of the Head of the Department


Signature of the guide
(Dr. S.SANTHAKUMARI)



Signature of the External Examiner


31/6/2022
(Dr. S. PARI)

Dr, Mrs, N. SHARMILA, M.Sc., M.Phil., Ph.D.,

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TIRUCHIRAPALLI – 620 002.

CERTIFICATE

This is to certify that the dissertation entitles “ **STRUCTURAL AND DRUGLIKENESS ANALYSIS OF ACRYLAMIDE DERIVATIVES**” submitted to BHARATHIDASAN UNIVERSITY, in partial fulfilment of the requirement for the degree of Master of Science in Physics is a record of original work done by **S.KIRUTHIGA (Reg. No. P 20201412)** under my guidance and that this project work has not formed the basis for the award of any degree diploma/associate/fellowship or similar title to any candidate of any university.

S. P. K. / 3/16/2022

Signature of the External Examiner

N. S. H.

Signature of the guide



S. S. K.

Signature of the Head of the Department

(Dr. S.SANTHAKUMARI)

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TIRUCHIRAPALLI – 620 002.


CERTIFICATE

This is to certify that the dissertation entitles “ DRUGLIKENESS AND MOLECULAR STRUCTURE ANALYSIS OF PYRAN DERIVATIVES” submitted to BHARATHIDASAN UNIVERSITY, in partial fulfillment of the requirement for the degree of Master of Science in Physics is a record of original work done by **M.KIRTHIKA (Reg. No. P 20201413)** under my guidance and that this project work has not formed the basis for the award of any degree diploma/associate/fellowship or similar title to any candidate of any university.


Signature of the External Examiner


Signature of the guide




Signature of the Head of the Department

(Dr. S.SANTHAKUMARI)

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TIRUCHIRAPALLI – 620 002.

CERTIFICATE

This is to certify that the dissertation entitle “**VISCOMETRIC AND ACOUSTICAL PARAMETERS OF VEGETABLE OILS USING ULTRASONIC VELOCITY**” submitted to BHARATHIDASAN UNIVERSITY, by **S.LAVANYA (Reg. No. P20201415)** In partial fulfillment of the requirement for the award of the degree of **MASTER DEGREE IN PHYSICS** for the academic year 2021-2022 has been done under my guidance.



Signature of the Head of the Department

(Dr. S.SANTHAKUMARI)



Signature of the guide

(Dr.S.SANTHAKUMARI)



S.P.
3/6/2022

Signature of the External Examiner


Dr.S.VIDHYA,
Assistant Professor,
Department of Physics,
Shrimati Indira Gandhi College,
Trichy -620002.

CERTIFICATE

I here certify that the project work entitled "**GROWTH AND CHARACTERIZATION OF GEL GROWN AMMONIUM POTASSIUM MIXED TARTRATES CRYSTALS**" submitted to **BHARATHIDASAN UNIVERSITY** in **APRIL 2022** in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN PHYSICS**, is the work of **J.Leelavathi (P20201416)** carried out under my supervision during the academic period (2020-2022).


Signature of

Head of the department
(Dr.S.SANTHAKUMARI)

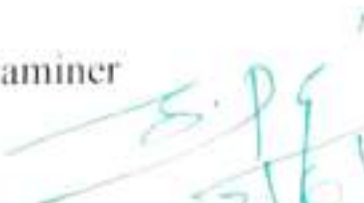
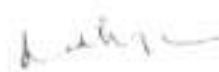

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Dr.S.Vidhya

Date:



External Examiner


3/6/2022
Dr. S. PARVATHI
 05/10/22

Dr. S.SANTHAKUMARI, M.Sc., M.Phil., B.Ed., Ph.D.,

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CERTIFICATE

This is to certify that the dissertation entitled **“PHYSICOCHEMICAL STUDIES ON DISACCHARIDES IN AQUEOUS MEDIA AT DIFFERENT TEMPERATURES”** submitted by **B.V.LEKHA (Reg.No. P20201417)** In partial fulfillment of the requirement for the award of the degree of **MASTER DEGREE IN PHYSICS** for the academic year 2021-2022 has been done under my guidance.


Signature of the Head of the Department
(Dr.S.SANTHAKUARI)


Signature of the guide
(Dr.S.SANTHAKUMARI)




Signature of the External Examiner

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Assistant professor in physics,

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Thiruchirapalli-620 002

CERTIFICATE

This is to certify that this project report entitled "VIBRATIONAL SPECTROSCOPY ANALYSIS OF m (TRIFLUROMETHYL) PHENYL ACETONITRILE" submitted by M. MAHALAKSHMI Reg.No.P20201418 Partial Fullfillment of the requirements for the award of the MASTER OF DEGREE IN PHYSICS for the academic year 2021- 2022 has been done under my guidance.


SIGNATURE OF THE HEAD
DEPARTEMENT

(Dr.S.SANTHAKUMARI)


SIGNATURE OF THE
GUIDE

(Dr.M.PADMAVATHY)



EXTERNAL EXAMINER


3/10/2022

Dr.K.SUJATHA, M.Sc., M.Phil., Ph.D.,
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CERTIFICATE

This is to certify that this report entitled, **“OPTICAL ACTIVITY STUDY OF AMINO ACIDS AND INVERT SUGAR IN WATER”** is submitted in partial fulfillment for the **MASTER OF SCIENCE IN PHYSICS**, at Shrimati Indira Gandhi College, Tiruchirappalli affiliated to Bharathidasan University. It is further certified that it is a bonafide record of the project carried out by **Miss.M.MAHALAKSHMI Reg.No. P20201419** under my supervision and guidance.

K. Sujatha
Signature of the Internal Guide

J. J. J.
**Signature of the Head of
the department**

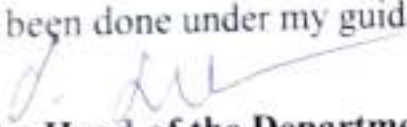
S.P.P.
Signature of the External Examiner
3/10/2022




Dr. S.SANTHAKUMARI, M.Sc., M.Phil.,B.Ed., Ph.D.,
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TIRUCHIRAPALLI-620 002


CERTIFICATE

This is to certify that the dissertation entitled“ **DENSITY, VISCOSITY AND SURFACE TENSION OF EDIBLE OILS AT DIFFERENT TEMPERATURES**” submitted by **M.MANKESH** (Reg.No.P 20201421) in partial fulfilment of the requirement for the award of the degree of **MASTER DEGREE IN PHYSICS** for the academic year 2020-2022 has been done under my guidance.


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(Dr. S.SANTHAKUMARI)


Signature of the guide
(Dr.S.SANTHAKUMARI)



 - 30.22
Signature of the External Examiner

Dr. K. SUJATHA., M.Sc., M.Phil., Ph.D.,

Assistant Professor in physics

Department of Physics,

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Trichy- 620 002.

CERTIFICATE

This is to certify that this report entitled, **“A STUDY OF OPTICAL ACTIVITY OF A SUGAR, AN AMINO ACID AND ACOUSTICAL ANALYSIS OF GLUCOSE”** is submitted in partial fulfillment for the **MASTER OF SCIENCE IN PHYSICS**, at Shrimati Indira Gandhi College, Tiruchirappalli affiliated to Bharathidasan University. It is further certified that it is a bonafide record of the project carried out by **Miss. M. PANDISELVI Reg. No. P20201422** under my supervision and guidance.



Signature of the Internal Guide



**Signature of the Head of the
Department**



Signature of the External Examiner



Dr. M. Padmavathy M.Sc.,M.Phil.,PGDCA.,Ph.D

Assistant professor in physics,

Department of Physics,


Shrimati Indira Gandhi College,

Thiruchirapalli-620 002.

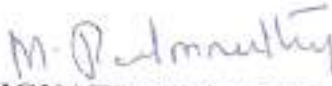
CERTIFICATE

This is to certify that this project report entitled "**FTIR AND FT RAMAN STUDIES OF P-CHLORONITROBENZENE USING DENSITY FUNCTIONAL THEORY**" submitted by **B.PETRICIA**

Reg.No.**P20201424** Partial Fullfillment of the requirements for the award of the **MASTER OF DEGREE IN PHYSICS** for the academic year 2021-2022 has been done under my guidance


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OF THE DEPARTEMENT

(Dr.S.SANTHAKUMARI)


SIGNATURE OF THE
GUIDE

(Dr.M.PADMAVATHY)




EXTERNAL EXAMINER

Mrs.A. ANITHA EZHIL MANGAIYARKARASI, M.Sc., M.Phil.,
ASSISTANT PROFESSOR,
DEPARTMENT OF PHYSICS,
SHRIMATI INDIRA GANDHI COLLEGE,
TIRUCHIRAPALLI – 620 002.

CERTIFICATE

This is to certify that the dissertation entitles "CHARACTERIZATION OF SPRAY DEPOSITED CADMIUM DOPED ZnO THIN FILMS" submitted to BHARATHIDASAN UNIVERSITY, in partial fulfillment of the requirement for the degree of Master of Science in Physics is a record of original work done by R.PRIYADHARSHINI (Reg. No. P 20201427) under my guidance and that this project work has not formed the basis for the award of any degree diploma/associate/fellowship or similar title to any candidate of any university.



Signature of the head of the department

[Dr.S.SANTHAKUMARI]



Signature of the guide

[Mrs.A.ANITHA EZHIL
MANGAIYARKARASI]

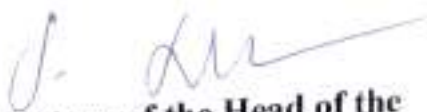


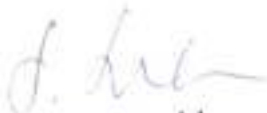
Signature of the External Examiner 3.6.22

Dr. S.SANTHAKUMARI, M.Sc., M.Phil., B.Ed., Ph.D.,
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TIRUCHIRAPALLI – 620 002.

CERTIFICATE

This is to certify that the dissertation entitled “**ULTRASONIC STUDY OF MOLECULAR INTERACTIONS OF PURE COMPOUNDS IN AQUEOUS MEDIUM**” submitted by **M.RAMYA (Reg.No. P20201428)** In partial fulfillment of the requirement for the award of the degree of **MASTER DEGREE IN PHYSICS** for the academic year 2021-2022 has been done under my guidance.


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Department


Signature of the guide
(Dr.S.SANTHAKUMARI)




Signature of the External Examiner

Dr.S.VIDHYA, M.Sc.,M.Phil.
Assistant Professor,
Department of Physics,
Shrimati Indira Gandhi College,
Trichy-2.

CERTIFICATE

I here certify that the project work entitled **“GROWTH AND CHARACTERIZATION OF GEL GROWN POTASSIUM COPPER MIXED TARTRATE CRYSTALS”** submitted to **BHARATHIDASAN UNIVERSITY** in **JUNE 2022** in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN PHYSICS**, is the work of **R.SANTHOSHINI (P 20201429)** carried out under my supervision during the academic period **2020 - 2022.**



Signature of

Head of the department

Dr. S.SANTHAKUMARI,



Signature of the Guide

Dr.S.VIDHYA,



External Examiner

Date: 03/06/2022


Dr.S.Vidhya,
Assistant Professor,
Department of Physics,
Shrimati Indira Gandhi College,
Trichy-2.

CERTIFICATE

I here certify that the project work entitled "GROWTH AND CHARACTERIZATION OF THIOUREA DOPED SODIUM POTASSIUM TARTRATE TETRAHYDRATE" submitted to BHARATHIDASAN UNIVERSITY in APRIL 2022 in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN PHYSICS**, is the work of **B.SHANMUGAPRIYA (P20201430)** carried out under my supervision during the academic period 2020-2022.


Signature of

Head of the department
(Dr.S.SANTHAKUMARI)


Signature of the Guide
Dr.S.VIDHYA


External Examiner 3.6.22

Date: 03.06.22

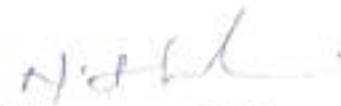


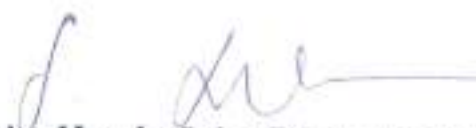
Dr, Mrs, N. SHARMILA, M.Sc., M.Phil., Ph.D.,
ASSISTANT PROFESSOR,
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CERTIFICATE

This is to certify that the dissertation entitles
“MOLECULAR STRUCTURE AND DRUGLIKENESS
EVALUATION OF ANILINE DERIVATIVES” submitted to
BHARATHIDASAN UNIVERSITY, in partial fulfilment of the
requirement for the degree of Master of Science in Physics is a
record of original work done by **S.SHARMILA**
(Reg. No. P 20201431) under my guidance and that this project
work has not formed the basis for the award of any degree
diploma/associate/fellowship or similar title to any candidate of any
university.


Signature of the External Examiner


Signature of the
guide


Signature of the Head of the Department
(Dr. S. SANTHAKUMARI)



Dr. K. SUJATHA, M.Sc., M.Phil., Ph.D.,
Assistant Professor, Department of Physics,
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Trichy-2.

CERTIFICATE

This is to certify that this report entitled, "OPTICAL ACTIVITY STUDY OF SUCROSE, LYSINE AND ACOUSTICAL ANALYSIS OF SUCROSE" is submitted in partial fulfillment for the MASTER OF SCIENCE IN PHYSICS, at Shrimati Indira Gandhi College, Tiruchirappalli affiliated to Bharathidasan University. It is further certified that it is a bonafide record of the project carried out by Miss. V.SUBALAKSHMI Reg. No. P20201432 under my supervision and guidance.

K. Sujatha
Signature of the Internal Guide

S. M. C.
Signature of the Head of
the department

M. K. S. 3.6.12
Signature of the External Examiner



Dr.S.VIDHYA, M.Sc.,M.Phil.
Assistant Professor,
Department of Physics,
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CERTIFICATE

I here certify that the project work entitled "**GROWTH AND CHARACTERIZATION OF GEL GROWN POTASSIUM STRONTIUM MIXED TARTRATE CRYSTALS**" submitted to BHARATHIDASAN UNIVERSITY in APRIL 2022 in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN PHYSICS**, is the work of **R.SUBASHINI (P 20201433)** carried out under my supervision during the academic period 2020-2022.


Signature of

Head of the department

Dr.S.SANTHAKUMARI,


Signature of the

Guide

Dr.S.VIDYA

Date: 3.



 3.6.22
External Examiner

Dr. M. Padmavathy M.Sc.,M.Phil.,PGDCA.,Ph.D

Assistant professor in physics,

Department of Physics,

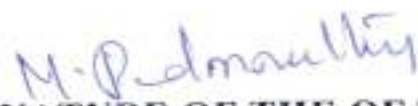
Shrimati Indira Gandhi College,

Thiruchirapalli-620 002

CERTIFICATE

This is to certify that this project report entitled "VIBRATIONAL SPECTROSCOPIC STUDIES OF METHYL FLURO NITRO BENZENE" submitted by **B. SUMITHRA** Reg. No. **P20201434** Partial Fullfillment of the requirements for the award of the **MASTER OF DEGREE IN PHYSICS** for the academic year 2021-2022 has been done under my guidance.


SIGNATURE OF THE HEAD
DEPARTEMENT


SIGNATURE OF THE OF THE
GUIDE

(Dr. S. SANTHAKUMARI)

(Dr.M.PADMAVATHY)




EXTERNAL EXAMINER

Dr. Mrs. N. SHARMILA, M.Sc., M.Phil., Ph.D.,

ASSISTANT PROFESSOR,


DEPARTMENT OF PHYSICS,

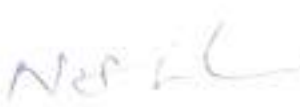
SHRIMATI INDIRA GANDHI COLLEGE,

TIRUCHIRAPALLI – 620 002.

CERTIFICATE

This is to certify that the dissertation entitles “ **STRUCTURAL FEATURES AND DRUGLIKENESS OF ISATIN DERIVATIVES**” submitted to BHARATHIDASAN UNIVERSITY, in partial fulfilment of the requirement for the degree of Master of Science in Physics is a record of original work done by **K.VIDHYA (Reg. No. P 19201135)** under my guidance and that this project work has not formed the basis for the award of any degree diploma/associate/fellowship or similar title to any candidate of any university.


Signature of the External Examiner


Signature of the guide


Signature of the Head of the Department

(Dr. S.SANTHAKUMARI)

Dr. M. Padmavathy M.Sc.,M.Phil.,PGDCA.,Ph.D

Assistant professor in physics,

Department of Physics,

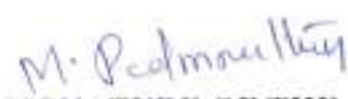
Shrimati Indira Gandhi College,

Thiruchirapalli-620 002

CERTIFICATE

This is to certify that this project report entitled "FTIR AND FT RAMAN STUDIES OF BROMO NITRO BENZENE" submitted by S. VAISHNAVI Reg.No.P20201436 Partial Fullfillment of the requirements for the award of the MASTER OF DEGREE IN PHYSICS for the academic year 2021-2022 has been done under my guidance.


SIGNATURE OF THE HEAD
DEPARTMENT
(Dr.S.SANTHAKUMARI)


SIGNATURE OF THE
GUIDE
(Dr.M.PADMAVATHY)






EXTERNAL EXAMINER

Mrs.A. ANITHA EZHIL MANGAIYARKARASI, M.Sc., M.Phil.,
ASSISTANT PROFESSOR,
DEPARTMENT OF PHYSICS,
SHRIMATI INDIRA GANDHI COLLEGE,
TIRUCHIRAPALLI – 620 002.

CERTIFICATE

This is to certify that the dissertation entitles “PREPARATION AND CHARACTERIZATION OF ZINC SULPHIDE THIN FILMS BY SPRAY PYROLYSIS TECHNIQUE” submitted to BHARATHIDASAN UNIVERSITY, in partial fulfillment of the requirement for the degree of Master of Science in Physics is a record of original work done by B.VIJI (Reg. No. P 20201437) under my guidance and that this project work has not formed the basis for the award of any degree diploma/associate/fellowship or similar title to any candidate of any university.


Signature of the head of the department
[Dr.S.SANTHAKUMARI]


Signature of the guide
[Mrs.A.ANITHA EZHIL
MANGAIYARKARASI]




Signature of the External Examiner

Dr. S.SANTHAKUMARI, M.Sc., M.Phil., B.Ed., Ph.D.,

HEAD, ASSISTANT PROFESSOR,


DEPARTMENT OF PHYSICS,


SHRIMATI INDIRA GANDHI COLLEGE,

TIRUCHIRAPALLI – 620 002.

CERTIFICATE

This is to certify that the dissertation entitled “**ULTRASONIC INVESTIGATION OF ION-SOLVENT INTERACTIONS OF DRUG IN AQUEOUS MEDIUM**” submitted by **K.VISHALI** (Reg.No. **P20201438**) In partial fulfillment of the requirement for the award of the degree of **MASTER DEGREE IN PHYSICS** for the academic year 2020-2022 has been done under my guidance.


Signature of the Head of the Department
(Dr. S.SANTHAKUMARI)


Signature of the guide
(Dr.S.SANTHAKUMARI)




Signature of the External Examiner
3.6.22

Mrs. V. VIJAYA M.Sc., M. Phil., PGDCA.,

Assistant professor in physics,


Department of physics,

Shrimati Indira Gandhi College,

Tiruchirappalli - 620 002.

CERTIFICATE

This is to certify that this project report entitled **"FTIR SPECTRAL ANALYSIS OF DENTIFRICE AGENTS"** Submitted by **P.YAMUNA NAYAKI** (Reg. No: P 20201439) partial Fulfilment of the requirements for the award of the **MASTER DEGREE IN PHYSICS** for the academic year 2020-2022 has been done under my guidance.


**SIGNATURE OF THE HEAD
OF THE DEPARTMENT**

(Dr. S. SANTHAKUMARI)


SIGNATURE OF THE GUIDE

(V. VIJAYA)





(EXTERNAL EXAMINER)

Ms.N.Umamaheswari M.Sc., M.Phil.M.C.A,P.G.D.Q.M.,
Department of Physics,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

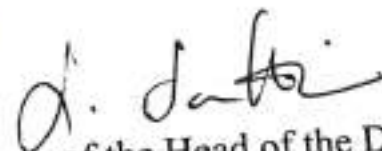
CERTIFICATE

This is to certify that the project work entitled "Construction and application of heat Sensor" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S442071	A.Aarthiha
CB19S442072	C.Abitha
CB19S442073	S.Afrinsulthana
CB19S442074	S.Anukaviya
CB19S442075	A.Anusha


Signature of the Guide




Signature of the Head of the Department

The Head
Dept Of Physics & I.E.
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002.

Ms. V. Vijaya M.Sc., M.Phil.,
Department of Physics,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Design and construction of Antenna Booster" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S442076	T.Atchyabaharathi
CB19S442077	G.Balambihai
CB19S442078	S.Barani
CB19S442079	S.Bhavani
CB19S442080	M.Bhuvaneshwari




Signature of the Guide


Signature of the Head of the Department

The Head
Dept Of Physics & I.E.
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002.

Ms.M.Premalatha, M.Sc., M.Phil.,
Department of Physics,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Possible Effects of Electromagnetic Fields" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S442081	S.Brindha
CB19S442082	L.Deepasri
CB19S442083	M.Deepika
CB19S442084	H.Devipriya
CB19S442085	B.Deviga



Signature of the Guide


Signature of the Head of the Department

The Head
Dept Of Physics & I.E.
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002.

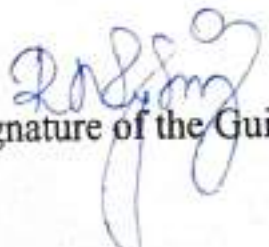
Ms.R.Nagalakshmi M.Sc.,M.Phil.,
Department of Physics,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002


CERTIFICATE

This is to certify that the project work entitled "Construction and application of Heat Sensor" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S442086	R.Dhanalaksmi
CB19S442087	A.Dhivya
CB19S442088	T.Durgadevi
CB19S442089	G.Gangadevi
CB19S442090	M.Gayathri




Signature of the Guide


Signature of the Head of the Department

The Head
Dept Of Physics & I.E.
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002.

Ms.S.Sharmila M.Sc., M.Phil,B.Ed.,
Department of Physics,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Constuction of Digital distance measurement" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S442091	K.Gomathi
CB19S442092	R.Hemalatha
CB19S442093	R.Ilakkiya
CB19S442094	J.E.Jeyasree
CB19S442095	K.Jeevadarshini

S. Sharmila
Signature of the Guide



J. Sathya
Signature of the Head of the Department

The Head
Dept Of Physics & I.E.
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002.

Ms.J.Krishnaveni M.Sc., M.Phil., B.Ed
Department of Physics,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Multiple reflection in a decorative lamp" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S442096	R.Jegadheeswari
CB19S442097	K.Jothiswarubini
CB19S442098	P.Kayalvizhi
CB19S442099	S.Keerthana
CB19S442100	M.Kirubavathi



J. Krishnaveni
Signature of the Guide

J. Jothiswarubini
Signature of the Head of the Department

The Head
Dept Of Physics & I.E.
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002.

Ms.C.Mahalakshmi M.Sc., M.Phil.,
Department of Physics,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Frequency response of the Eye" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S442101	R.S.Kiruthikadevi
CB19S442102	M.Kokila
CB19S442103	V.Kokila
CB19S442104	M.Krishnaveni
CB19S442105	P.Lalitha


Signature of the Guide




Signature of the Head of the Department

The Head
Dept Of Physics & I.E.
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002.

Ms.V.Sasikala M.Sc., M.Phil.,
Department of Physics,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "A Variable Water Drop Lens" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S442106	B.Meena
CB19S442107	K.I.Mohanapriya
CB19S442108	T.Mohana
CB19S442109	S.Nithya
CB19S442110	R.Nivetha





Signature of the Guide



Signature of the Head of the Department

The Head
Dept Of Physics & I.E.
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002.

Ms.D.Meenakshi M.Sc.,I.E.M.Tech.,UGC-NET

Department of Physics,

Shrimati Indira Gandhi College,

Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Nanometer motion control with a rubber band" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S442116	R.Priya
CB19S442117	M.Priyadharshini
CB19S442118	N.Priyadharshini
CB19S442119	M.Raicesasulthana
CB19S442120	R.Reshmadevi



D. Meenakshi
Signature of the Guide

J. Sathish
Signature of the Head of the Department

The Head
Dept Of Physics & I.E.
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002.

Ms.P.Sudha M.Sc., M.Phil.,
Department of Physics,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled “Measuring of Sugar content of a liquid with laser pointer” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S442121	R.Revathi
CB19S442122	U.Sabitha
CB19S442123	R.Sangeetha
CB19S442124	S.Sangeetha
CB19S442125	M.Sarumathi



P. Sudha

S. Sangeetha

Ms.D.Meenakshi M.Sc.,I.E.M.Tech.,UGC NET

Department of Physics,

Shrimati Indira Gandhi College,

Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Nanometer motion control with a rubber band" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S442116	R.Priya
CB19S442117	M.Priyadharshini
CB19S442118	N.Priyadharshini
CB19S442119	M.Raicesasulthana
CB19S442120	R.Reshmadevi



D. Meenakshi
Signature of the Guide

J. Sathya
Signature of the Head of the Department

The Head
Dept. Of Physics & I.E.
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002.

Ms.P.Sudha M.Sc., M.Phil.,
Department of Physics,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled “Measuring of Sugar content of a liquid with laser pointer” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S442121	R.Revathi
CB19S442122	U.Sabitha
CB19S442123	R.Sangeetha
CB19S442124	S.Sangeetha
CB19S442125	M.Sarumathi



P. Sudha
Signature of the Guide

J. J. Thi
Signature of the Head of the Department

The Head
Dept Of Physics & I.E.
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002.

Dr.M.Padmavathy M.Sc., M.Phil., Ph.D.,
Department of Physics,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Building a Cell phone microscope" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S442126	R.K.Shobika
CB19S442127	T.Subhalakshmi
CB19S442128	V.Snega
CB19S442129	S.S.Subhathra
CB19S442130	R.Suvetha



M. Padmavathy
Signature of the Guide

J. Subi
Signature of the Head of the Department

The Head
Dept Of Physics & I.E.
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002.

Dr.A.Angline Prema M.Sc.,B.Ed., M.Phil.,Ph.D

Department of Physics,

Shrimati Indira Gandhi College,

Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled "Digital Pinhole Camera" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB19S442131	S.Swetha
CB19S442132	V.Swetha
CB19S442133	S.Tharani
CB19S442134	S.Thrisha
CB19S442135	B.Vanisri
CB19S442136	K.Varsha
CB19S442137	B.Vinothini
CB19S442138	T.Yamunadevi



A. Angeline
Signature of the Guide

J. S. K.
Signature of the Head of the Department

The Head
Dept Of Physics & I.E.
Shrimati Indira Gandhi College
Tiruchirappalli - 620 002.



28.05.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. S. Abarna Sri**, pursuing **2nd Year M.Sc.(Hospital Administration)**., at **Shrimati Indira Gandhi College, Trichy** underwent Project work on the Topic of **"A STUDY ON TRAINING EFFECTIVENESS AMONG THE EMPLOYEES IN MMHRC"** in our Institution from **04.04.2022 to 18.05.2022**.

During the above period, her involvement in the subject was **good**.


K. Vivek Chandran
Senior Manager - HR





Date: 18/05/2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. P. BAGYALAKSHMI**, (Reg. No: P20601402) of Final year student of **M.Sc (Hospital Administration)** from shrimati Indira Gandhi College Tiruchirappalli – 620 002. She has successfully completed her Project Training titled “**STUDY ON EMPLOYEE WELFARE MEASURES**” at **GVN Hospital (P) Ltd., 46, Singarathope, Trichy – 620 008** from **04/04/2022** to **18/05/2022** in our Hospital.

She is hard working and has been excellent during her training period.

We wish her all the success for her future.

For **GVN Hospital (P) Ltd.,**

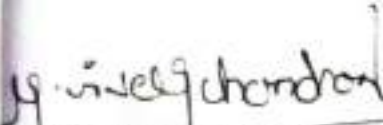
HR MANAGER
HR & ADMIN DEPARTMENT
GVN HOSPITAL PRIVATE LIMITED
46, SINGARATHOPE, TRICHY - 8

28.05.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. R. Gowri**, pursuing 2nd Year M.Sc.(Hospital Administration)., at **Shrimati Indira Gandhi College, Trichy** underwent Project work on the Topic of **"A STUDY ON EMPLOYEE RETENTION IN MMHRC"** in our Institution from **04.04.2022 to 18.05.2022**.

During the above period, her involvement in the subject was **good**.


K. Vivek Chandran
Senior Manager - HR





RETNA GLOBAL HOSPITAL

95/1, PATTABIRAMAN, STREET, TENNUR, TRICHY-17.

PH : 0431-2791450, 2791460



18/05/2022

Date :

CERTIFICATE

This is to certify that **Ms.Harini.D** Student of **2nd** Year in **MSC HOSPITAL ADMINISTRATION** at **SHRIMATI INDRA GANDHI COLLEGE**, has successfully completed her Training & Project in our **RETNA GLOBAL HOSPITAL** from **(04-04-2022 to 18-05-2022)**.

During this Training programme , her conduct was good and She was sincere.

RETNA GLOBAL HOSPITAL

95/1, Pattbiraman Street,

Tennur, Trichy - 17

0431 - 2791450

Dr. PRIYA PRAVEEN (M.B.B.S., M.S., O&G.)

Medical Director



18/05/2022

Date :

CERTIFICATE

This is to certify that **Ms.Harini.V.G** Student of **2nd Year**
In **MSC HOSPITAL ADMINISTRATION** at **SHRIMATI**
INDRA GANDHI COLLEGE, has successfully completed her
Training & Project in our **RETNA GLOBAL HOSPITAL**
from **(04-04-2022 to 18-05-2022)**.


During this Training programme , her conduct was good
and She was sincere.

RETNA GLOBAL HOSPITAL

95/1, Pattbiraman Street,

Tennur, Trichy - 17

0431 - 2791450


Dr. PRIYA PRAVEEN (M.B.B.S., M.S., O&G.)

Medical Director



Date: 18-05-2022

To Whom So Ever It May Concern

This is to certify that Ms. Jaqueline Mary P (Roll. No: P20601406), M.sc HA student of Shrimati Indira Gandhi College has done a Project work entitled "A study on formulation of marketing strategies to promote healthcare service" in our Hospital during the Period from 04-April-2022 to 18-May -2022.

During this period we found her to be sincere in her work and regular in her attendance. We are certifying that her conduct and character have been found to be good.

A.P.
15.5.22

**Parameswaran A,
MANAGER - HR**





GVN Hospital (P) Ltd.,

சி.என்.எஸ். பி. நந்திமுத்துக்குறிச்சி (பி) லிமிடெட்.



Date: 18/05/2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. J. JAYAPRIYA, (Reg.No:P20601407)** of Final year student of **M.Sc (Hospital Administration)** from **shrimati Indira Gandhi College, Tiruchirappalli – 620 002**. She has successfully completed her Project Training titled **“A STUDY ON NURSING PERCEPTION TOWARDS THEIR JOB”** at **GVN Hospital (P) Ltd., 46, Singarathope, Trichy – 620 008** from **04/04/2022 to 18/05/2022** in our Hospital.

She is hard working and has been excellent during her training period.

We wish her all the success for her future.

For **GVN Hospital (P) Ltd.,**

HR MANAGER
HR & ADMIN DEPARTMENT
GVN HOSPITAL PRIVATE LIMITED
46, SINGARATHOPE, TRICHY - 8



Ref.No: NGH/HRD/TC/259/18/2022

Date: 18/05/2022
Place: Coimbatore

TO WHOM SO EVER IT CONCERN

This is to certify that **Ms. K.KAVIYA** Roll No:P20601408 studying Second Year **M.sc. Hospital Administration** in **Shrimati Indira Gandhi College - Trichy** has undergone Internship in this hospital from **04-04-2022** to **18-05-2022**. During course of training, She is very attentive on the subject and her conduct was good.

**For NG Hospital Pvt Ltd
& Research Centre**


R.PREMA LATHA - HR





RETNA GLOBAL HOSPITAL

95/1, PATTABIRAMAN, STREET, TENNUR, TRICHY-17.

PH : 0431-2791450, 2791460



18/05/2022

Date :

CERTIFICATE

This is to certify that **Ms.Mahalakshmi.D** Student of **2nd** Year In **MSC HOSPITAL ADMINISTRATION** at **SHRIMATI INDRA GANDHI COLLEGE**, has successfully completed her Training & Project in our **RETNA GLOBAL HOSPITAL** from **(04-04-2022 to 18-05-2022)**.

During this Training programme, her conduct was good and She was sincere.

RETNA GLOBAL HOSPITAL
95/1, Pattabiraman Street,
Tennur, Trichy - 17
0431 - 2791450

Dr. PRIYA PRAVEEN (M.B.B.S., M.S., O&G.)

Medical Director



REINA GLOBAL HOSPITAL

95/1, PATTABIRAMAN, STREET, TENNUR, TRICHY-17.

PH : 0431-2791450, 2791460



18/05/2022

Date :

CERTIFICATE

This is to certify that **Ms.Nithiya Sri.R** Student of **2nd** Year In **MSC HOSPITAL ADMINISTRATION** at **SHRIMATI INDRA GANDHI COLLEGE**, has successfully completed her Training & Project in our **RETNA GLOBAL HOSPITAL** from (04-04-2022 to 18-05-2022).

During this Training programme, her conduct was good and She was sincere.

RETNA GLOBAL HOSPITAL
95/1, Pattbhiraman Street,
Tennur, Trichy - 17
0431 - 2791450

Dr. PRIYA PRAVEEN (M.B.B.S., M.S., O&G.)

Medical Director



GVN Hospital (P) Ltd.,
ஜிவிஎன் மருத்துவமனை (பி) லிட்.,



Date: 18/05/2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. T. RAGAVI, (Reg. No: P20601411) of Final year student of M.Sc (Hospital Administration) from shrimati Indira Gandhi College Tiruchirappalli – 620 002. She has successfully completed her Project Training titled “A STUDY ON ADRM CONCEPT OF EMPLOYEES” at GVN Hospital (P) Ltd., 46, Singarathope, Trichy – 620 008 from 04/04/2022 to 18/05/2022 in our Hospital.

She is hard working and has been excellent during her training period.

We wish her all the success for her future.

For GVN Hospital (P) Ltd.,

HR MANAGER
HR & ADMIN DEPARTMENT
GVN HOSPITAL PRIVATE LIMITED
46, SINGARATHOPE, TRICHY - 8



18.05.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. G. Ramalakshmi, pursuing 2nd Year M.Sc.(Hospital Administration)., at Shrimati Indira Gandhi College, Trichy has underwent Project work on the Topic of "A STUDY ON WORK LIFE BALANCE FOR EMPLOYEES IN MMHRC" in our Institution from 04.04.2022 to 18.05.2022.

During the above period, her involvement in the subject was good.


K. Vivek Chandran
Senior Manager - HR





Ref.No: NGH/HRD/TC/260/18/2022

Date: 18/05/2022
Place: Coimbatore

TO WHOM SO EVER IT CONCERN

This is to certify that **Ms. S.ROSELIN MARY** Roll No:P20601415 studying **Second Year M.sc. Hospital Administration** in **Shrimati Indira Gandhi College - Trichy** has undergone Internship in this hospital from **04-04-2022 to 18-05-2022**. During course of training, She is very attentive on the subject and her conduct was good.

**For NG Hospital Pvt Ltd
& Research Centre**

R. Prema Latha
R.PREMA LATHA - HR





KG

MULTI SPECIALITY HOSPITAL AND RESEARCH CENTRE

24 விபத்து மற்றும் அவசர சிகிச்சை பிரிவு

No. 3048, 3049, 2nd Street, V.O.C. Nagar, Thanjavur - 613 007.

Ph : 04362-259919, 239919, 239505, 279919, Mob : 99422 37061 Toll Free : 1800 425 9919 E-mail : info@kghospital.in



ISO 9001
2015
CERTIFIED

KGMSHRC/HRD/TPC/2020

Date: 18.05.2022

TRAINING cum PROJECT CERTIFICATE

(TO WHOM SO EVER IT MAY CONCERN)

This is to certify that **Ms.SANTHIYA.S, Reg No: P 20601416**
IInd year student of **M.Sc Hospital Administration** from **Shrimati**
Indira Gandhi College-Tiruchirapalli has undergone **Training cum**
Project in the department of **Human Resources** in our hospital from
04.04.2022 to 18.05.2022.

Topic: STRESS MANAGEMENT.

During her training period she had taken active participation.

During her training period she was punctual and attentive in learning.

We wish her all success in her future endeavours.

JOGULU RAJKUMAR

MANAGER - HR



We are a Research Centre with



ISO 9001
2015
CERTIFIED

Accreditations.



28.05.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. N. Shalini**, pursuing **2nd Year M.Sc.(Hospital Administration)**, at **Shrimati Indira Gandhi College, Trichy** underwent Project work on the Topic of "**A STUDY ON JOB SATISFACTION AMONG EMPLOYEES IN MMHRC**" in our Institution from **04.04.2022 to 18.05.2022**.

During the above period, her involvement in the subject was **good**.


K. Vivek Chandran
Senior Manager - HR





GVN Hospital (P) Ltd.,

தலைநகர் மருத்துவமனை (பி) லிமிடெட்.



Date: 18/05/2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. S. SHALINI**, (Reg. No: P 20601418) of

Final year student of **M.Sc (Hospital Administration)** from **shrimati Indira Gandhi College Tiruchirappalli – 620 002**. She has successfully completed her Project Training titled **“A STUDY ON EFFECTIVE COMMUNICATION AMONG THE EMPLOYEES”** at **GVN Hospital (P) Ltd., 46, Singarathope, Trichy – 620 008** from **04/04/2022 to 18/05/2022** in our Hospital.

She is hard working and has been excellent during her training period.

We wish her all the success for her future.

For **GVN Hospital (P) Ltd.,**

**HR MANAGER
HR & ADMIN DEPARTMENT
GVN HOSPITAL PRIVATE LIMITED
46, SINGARATHOPE, TRICHY - 8**

கே.வி.டி. சிறீராமசுந்தரன்

KVT SPECIALITY HOSPITAL

Plot No 1,2,3, Ethirajamy Salai, Erukanchery, Chennai - 600 118

E-mail : kvtspeciality@gmail.com Web : www.kvtspeciality.com

Ph : 4283 4516 / 4283 0256 / 4380 6115

Hospital Registration No. Z4/04



18th May 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. S.SHEELA**, final year student of **(M.Sc Hospital Administration)** **Shrimathi Indira Gandhi College, Trichy** has done a project work in our institution from **04th April 2022 to 18th May 2022** on the topic **A STUDY ON SWOT ANALYSIS SURVEY IN KVT MULTI SPECIALITY HOSPITAL AT CHENNAI.**

She is very regular in attending the training. Sincere and dedicated during the above period.

For KVT Speciality Hospital,


Mr. M. Manojpremkumar
Manager
Human Resource Department





KOVAI MEDICAL CENTER AND HOSPITAL LIMITED

NABH Accredited Hospital

Excellence in Healthcare

99, Avanashi Road, Coimbatore - 641 014, INDIA | Phone : (0422) 4323800 | 4324000 | 6803000
Web : www.kmchhospitals.com | CIN No : L85110TZ1985PLC001659



Date: 18-05-2022

To Whom So Ever It May Concern

This is to certify that Ms. Sowndharya S (Roll. No:P20601420), M.sc HA student of Shrimati Indira Gandhi College has done a Project work entitled "A survey on patient safety awareness among employees" in our Hospital during the Period from 04-April-2022 to 18-May -2022.

During this period we found her to be sincere in her work and regular in her attendance. We are certifying that her conduct and character have been found to be good.

18-5-22
Parameswaran A,
MANAGER - HR





KG

MULTI SPECIALITY HOSPITAL AND RESEARCH CENTRE



24 விபத்து மற்றும் அவசர சிகிச்சை பிரிவு

No. 3048, 3049, 2nd Street, V.O.C. Nagar, Thanjavur - 613 007.

Ph : 04362-259919, 239919, 239505, 279919, Mob : 99422 37061 Toll Free : 1800 425 9919 E-mail : info@kghospital.in

ISO 9001
2015
CERTIFIED

KGMSHRC/HRD/TPC/2020

Date: 18.05.2022

TRAINING cum PROJECT CERTIFICATE

(TO WHOM SO EVER IT MAY CONCERN)

This is to certify that **Ms.SUGANYA .C, Reg No: P 20601422**
IInd year student of **M.Sc Hospital Administration** from **Shrimati Indira Gandhi College-Tiruchirapalli** has undergone **Training cum Project** in the department of **Human Resources** in our hospital from **04.04.2022 to 18.05.2022.**

Topic: ORGANIZATIONAL RESTRUCTURING.

During her training period she had taken active participation.

During her training period she was punctual and attentive in learning

We wish her all success in her future endeavours

JOGULU RAJKUMAR

MANAGER - HR



We are a Research Centre with



ISO 9001
2015
CERTIFIED

Accreditations.



Date: 18-05-2022

To Whom So Ever It May Concern

This is to certify that Ms.Vijaya Bharathi P (Roll. No:P20601423), M.sc HA student of Shrimati Indira Gandhi College has done a Project work entitled "A study on awareness and effective utilization of ESI benefits among employees" in our Hospital during the Period from 04-April-2022 to 18-May -2022.

During this period we found her to be sincere in her work and regular in her attendance. We are certifying that her conduct and character have been found to be good.

A. M.
18.5.22

Parameswaran A,
MANAGER - HR





RETNA GLOBAL HOSPITAL

95/1, PATTABIRAMAN, STREET, TENNUR, TRICHY-17.

PH : 0431-2791450, 2791460



18/05/2022

Date

CERTIFICATE

This is to certify that **Ms.Vinitha.S** Student of **2nd** Year In **MSC HOSPITAL ADMINISTRATION** at **SHRIMATI INDRA GANDHI COLLEGE**, has successfully completed her Training & Project in our **RETNA GLOBAL HOSPITAL** from **(04-04-2022 to 18-05-2022)**.

During this Training programme, her conduct was good and She was sincere.

RETNA GLOBAL HOSPITAL

95/1, Pattabiraman Street,
Tennur, Trichy - 17
0431 - 2791450

Dr. PRIYA PRAVEEN (M.B.B.S., M.S., O&G.)

Medical Director



REGISTRATION OF FIRM : 678 OF 2012

Registered Office : No.28,KRS Nagar,1st Cross,
Edamalaipattipudur,
Tiruchirappalli-12.
Mobile: 96 26 36 86 59

29.03.2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms.AISHWARYA P** (Regn. No. 20290043), Final year Student from SHRIMATI INDIRA GANDHI COLLEGE, Tiruchirappalli, have successfully completed her project in our company in the title of "A study on quality in work life with special reference to Innovative Infomedia Business Solutions" from 03/01/2022 to 20/01/2022. She completed the assigned project well within the time frame. She is sincere, hard working and her conduct during the project is commendable.

Sincerely,
For Innovative Infomedia Business Solutions

Merly Dhas
Manager Human Resource

CERTIFICATE

THIS IS TO CERTIFY THAT Ms. AISHWARYA A - REG.No.: 20290042 (MBA 2020-2022) STUDENT OF "SHRIMATHI INDIRA GANDHI COLLEGE", TRICHY - 620002, HAS SUCCESSFULLY COMPLETED HER PROJECT WORK IN OUR COMPANY FROM 04.01.2022 to 24.01.2022.

WE WISH HER THE VERY BEST FOR HER UPCOMING FUTURE.

DATE : 25.01.2022

PLACE : TRICHY



Dy. Manager - HR

Proprietor : Riyazudeen S

Date :

TO WHOMSOEVER IT MAY CONCERN

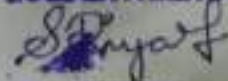
THIS IS THIS CERTIFY THAT DEIVANAL RM (REG.NO: 20290045) UNDERGOING
MBA 2020-2022 BATCH IN "SHRIMATI INDIRA GANDHI COLLEGE", TRICHY -
620002, HAS UNDERGONE HER PROJECT WORK AND INTERNSHIP WITH US
FROM 10.01.2022 TO 22.01.2022 RESPECTIVELY.

THIS LETTER IS A FORMAL CONFIRMATION GIVEN TO THE STUDENT
ACCEPTING HER REQUEST TO COMMERCE THE INTERNSHIP DURING THE
AFORE SAID PERIOD.

DATE : 05.01.2022

PLACE : TRICHY

For GOLDEN AGENCY



PROPRIETOR

DHANALAKSHMI SRINIVASAN SUGARS PRIVATE LIMITED

UDUMBIYAM Village, VENGANUR Post, VEPPANTHATTAI Taluk,

PERAMBALUR - 621 116, Tamil Nadu.

Ph : 04328 - 293777 e-mail : chinnappan@vvsugars.com

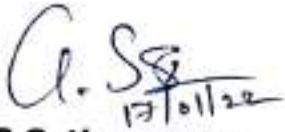
DSSPL/HR/2022/01

17.01.2022

TO WHOMSOEVER IT MAY CONCERN

This is certified that **Ms. A. FEMINA BANU**, (Reg.No.20290046) MBA.,(HR) student of Shrimati Indira Gandhi College, Tiruchirapalli – 02 has successfully completed her project titled 'A Study on Employee retention Strategies" in our Organization from 27.12.2021 to 14.01.2022.

For **Dhanalakshmi Srinivasan Sugars (P) Ltd.,**



G.Sethuraman
Deputy Manager - HR





Integrated

since 1974

Investments Simplified

HO/HR SERVICES/02/2022

Date:01.02.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.Bhavatharani k , II Year MBA** from **Shrimati Indira Gandhi College** has successfully completed the Project as per the requirements of the curriculum from **10th January 2022 to 24th January 2022.**

During Project her conduct & Character was good we wish all success in her future endeavors.

Regards,

C.N. Jayanandh

AGM -HR Services



MARVEL CLOTHING COMPANYTM

(Govt. Recognised Export House)

TO WHOMSOEVER IT MAY CONCERN

THIS IS THE CERTIFY THAT KARTHIKA N - REG.NO.:20290049 UNDERGOING MBA 2020-2022 BATCH IN "SHRIMATI INDIRA GANDHI COLLEGE" , TRICHY - 620002. HAS UNDERGONE PROJECT COMPLETED "A STUDY ON COST ANALYSIS " DURING THE PERIOD OF 03.01.2022 TO 22.01.2022 IN OUR COMPANY.

THIS PROJECT HAS BEEN COMPLETED AND TESTED TO OUR SATISFACTION. DURING THE PERIOD HER PERFORMANCE AND HARD WORK FOUND TO BE GOOD. WE WISH HIM ALL THE BEST FOR HER FUTURE ENDEAVORS.

DATE : 24.01.2022

PLACE: PALLADAM



For Marvel Clothing Company

S. Sarinathan.K
(S. Sarinathan.K)
Admin. Manager

RUBINE GLASS PRIVATE LIMITED

Registered Office / Factory :

K. Periyapatti (South), Maravanur,
Samuthiram Post, Manapparai Tk,
Trichy - Dt, Tamilnadu.

Phone : 04332 - 278223

Mobile : 9003838547

Email : rubineglass@yahoo.in

Website : www.rubineglass.com

Date:- 27-01-2022

To Whom so ever It May Concern

This is to certify that **Ms.D.KASINI (Roll No:20290050)** Student of MBA Final Year , Shrimati Indira Gandhi college, Trichy-620002, has done project work training in Rubine Glass Pvt Ltd, Trichy-621306, from (08-01-2022 to 27-01-2022) and completed successfully .

During this period she attended all the classes and her conduct and character are good.

For Rubine Glass Pvt Ltd


27.1.22
HR MANAGER



RUBINE GLASS PRIVATE LIMITED

Registered Office / Factory :
K. Periyapatti (South), Maravanur,
Samuthiram Post, Manapparai Tk,
Trichy - Dt, Tamilnadu.

Phone : 04332 - 278223
Mobile : 9003838547
Email : rubineglass@yahoo.in
Website : www.rubineglass.com

Date:- 27-01-2022

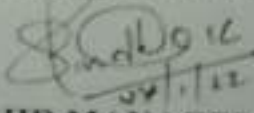
To Whom so ever It May Concern

This is to certify that Ms. **R.KEERTHANA**(Roll No:20290052) Student of MBA Final Year, Shrimati Indira Gandhi college, Trichy-620002, has done project work training in Rubine Glass Pvt Ltd, Trichy-621306, from (08-01-2022 to 27-01-2022) and completed successfully .

During this period she attended all the classes and her conduct and character are good.



For Rubine Glass Pvt Ltd


HR MANAGER

CIN No. U26900TN2011PTC083230 / GSTIN : 33AAFCE930C120
IEC No. 0412014122 / PAN No. AAFCR6930C

335, Rajiv Nagarmadhurai Road, Manapparai
Tiruchirappalli-621 306, Tamilnadu,
Fax & phone: +91 4332-262311, 9047516966
YOUR GUIDE TO THE FINANCIAL JUNGLE



TO WHOMSOEVER IT MAY CONCERN

This is to inform that **Ms.V. Mahalakshmi** (Reg.No.20290054) a final year student of MBA (Master Business Administration), Department of Management Studies, Shrimati Indira Gandhi College, Trichy has undergone Industrial Training from 03/01/2022 to 20/01/2022 in our organization.

During her tenure with us we found her sincere and hardworking

We wish her a great success in the future

For SHAREKHAN


Authorized Signatory

HARIHAR ALLOYS (P) LTD.,

No. 6, Thomas Street, Race Course Road, Trichy - 620 020

Ph : 0431 - 2422884, Fax : 0431 - 2334005

Website : www.hariharalloy.com

CIN : U27310TN1995PTC032740 E.mail : info@hariharalloy.com



HARIHAR
BEYOND EXCELLENCE

ISO 9001
ISO 14001
ISO 45001
BUREAU VERITAS
Certification



CERTIFICATE

Date : 12.01.2022

This is to certify that **Ms. V. MEERA**, MBA., Final Year (REG.NO.: 20290055) student of Shrimathi Indira Gandhi College, Tiruchirappalli has successfully completed her Project Work in our Head Office, Trichy from 27th December 2021 to 12th January 2022.

We wish her the very best for her upcoming future.

For **HARIHAR ALLOYS (P) LTD.,**

(S. RAMDHAS)
MANAGER (HR)

CASTING DIVISION : UNIT - I : S.F. No.421 & 671, Trichy - Thuraiyur Main Road, Pulivalam, Trichy Dt. - 621 006. Phone : 99429 04662

CASTING DIVISION : UNIT - II : S.F. No. 229/2 & 4B, Laxmanampatti Village, Kulathur Taluk, Pudukkottai Dt. - 622504

FORGING DIVISION : S.F. No. 80 & 82, Vellur Village, Illupur Taluk, Virallimalai, Pudukkottai Dt. - 621 316, Phone : +91-4339 - 221375

MACHINING DIVISION : S.F. No. 80/61, 80/62 & 80/68, Vellur Village, Illupur Taluk, Virallimalai, Pudukkottai Dt. -621 316. Phone : 99429 06901

07.01.2022

Project Work Completion Certificate.


This is to certify that Miss P.PHAVITHRA (Regd.No.20290056), Department of Management Studies pursuing her M.B.A. at Shrimati Indira Gandhi College, Tiruchirappalli has successfully completed her Project work at our Human Resources department during the period from 24th December 2021 to 07th January 2022.

During the Project work period, Miss.P.PHAVITHRA was exposed to the Human Resources department activities at our Kattur sugar complex involving sugar Manufacturing and Power cogeneration.

The Management of M/s Kothari Sugars and Chemicals Limited, Kattur records its appreciation for the involvement shown by this student from your prestigious institution for her involvement towards knowing the concepts and functions of our Human Resources department.

We wish her every success in her future endeavours and wish her all the best for her future educational career.

For Kothari Sugars and Chemicals Limited,


(V. Ramachandran)
General Manager-Technical



Date: 20/12/2021

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **S.PREETHI**, a student of Shrimati Indira Gandhi College, Trichy will commence her project work and internship with us in **Human Resources Department** from **15th December 2021** to **15th January 2022** respectively.

This letter is to formal confirmation given to the student, accepting her request to commence the internship during the afore said period.

For Sai Primus Life Biotech Pvt Ltd.,



Kalambalay
HR Manager

Date: 10/01/2022

To,
R.T.Priyadharshini
2nd Year MBA
Reg No: 20290059
Shrimathi Indira Gandhi College
Trichy- 620002

SUB: Project Completion Certificate

Dear Ms.Priyadharshini R. T.

This is to certify that R.T.Priyadharshini (Reg. No: 20290059) 2nd Year MBA student of Shrimathi Indira Gandhi College has done Project on "A Study on Cash Flow Statement" during the period from 27.12.2021 to 10-01-2022 in our company. This Project has been completed and tested to our satisfaction. Her conduct was good and performance during the project period was excellent.

Thanking You.

For Inymart Digi Solutions


Mrs.Madhuvanthi

HR Manager






NLC INDIA LIMITED
('NAVRATNA' – Government of India Enterprise)
NEYVELI-TAMILNADU

CERTIFICATE

This is to certify that the project entitled in "A STUDY ON EMPLOYEES PERFORMANCE APPRAISAL SYSTEM AT NLC INDIA LIMITED" is a Bonafide record of work done by S.RAMYA (20290060).

In partial fulfillment for the award of the degree in "MASTER OF BUSINESS ADMINISTRATION" at SHRIMATI INDIRA GANDHI COLLEGE, TRICHY This project is a bonafide work during the period from (15.12.2021 to 11.01.2022) at MINE-1, NEYVELI.


31/1/22
PRATIMA KULLU
ACM/HR, MINE-1
NLCIL.

Addl. Chief Manager / HR, Mine-1

Permitted to submit the project work report to University Authorities.

PLACE: Neyveli
DATE: 31.1.22


31/1/22
for **DEPUTY CHIEFMANAGER**
LEARNING & DEVELOPMENT
NLCIL, NEYVELI
Dr. N. GANESH
Deputy Chief Manager
Learning & Development Centre
NLC India Ltd., Neyveli.



28-January-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify **Ms. Roja** (Register Number: 20290061) a student of MBA – Final Year from **Shrimati Indira Gandhi College, Trichy - 620002**, has successfully completed her project in HR department from **03-January-2022** to **28-January-2022** with us. During the period, she did project about “**A Study on Job Satisfaction in VDart Technologies Pvt. Ltd**”, and her work was found to be satisfactory.

We wish her all success in her future endeavors.

For VDart Technologies Private Limited

A handwritten signature in black ink, appearing to read "Maharaja M. Subramanian".

Maharaja.M.Subramanian
Assistant Manager – Human Resources



SOLARA
Active Pharma Sciences

Communication Address :
Solara Active Pharma Sciences Limited
A1/B SIPCOT Industrial Complex,
Kudikadu Village,
Cuddalore - 607 005, Tamil Nadu, India
Tel : +91 4142 285400
E-mail : info@solara.com
www.solara.co.in

SOLARA/TRG/01/2022

Date: 13.01.2022

To:

The Head of the Department,
Department of Management Studies,
Shrimati Indira Gandhi College,
Thiruchirappalli- 620 002.

CERTIFICATE

This is to certify that **Ms.S.Gayathri (Reg No: 20290047)**, Department of Management Studies, Shrimati Indira Gandhi College, Thiruchirappalli. Has undergone Project Work in our organization from 27/12/2021 – 11/01/2022

During her association with us, her Character and Conduct were found good.

We wish her all success.

for Solara Active Pharma Sciences Limited,


Inbaraj.S

GM-HR



Murugan Arul Exporters

No: 6, East Chitra Street, Srirangam, Tiruchirappalli,

Tamil Nadu 620006, Website: www.muruganarulexporters.in

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. V.SANGESHWARI (Reg. No.20290063) student of MBA, from – Shrimati Indra Gandhi College- Trichy has successfully completed her final year project entitled "*A STUDY ON EMPLOYEE ENGAGEMENT*" during the period from 04.01.2022 to 18.01.2022 month in our company

This project has been completed and tested to our satisfaction. During the period her performance and hard work were found to be good.

We wish her all the best for her future endeavors.

Thanking you



V. Sangeswari
(MANAGER)



(Excellent Solution for Noise and vibration control)

2/18 Mullai Nagar, Ramjee Nagar (P.O)
K.kalikkudi, Tiruchirappalli – 620 009, Tamil nadu.
Phone & Fax: +91 431 -4024044, 08220360463
Email: sales@pkengg.net, marketing@pkengg.net
Website: www.pkengg.net & www.antivibration-systems.com
GST NO – 33CRKPK6522L1ZJ

TO WHOMSOEVER IT MAY CONCERN

This is to inform that **Ms.M.SANTHIYA (Reg. NO. 20290062)** a final year student of MBA (Master Business Administration), Department of Management Studies, Shrimati Indira Gandhi College, Tiruchirappalli, has undergone Industrial Training from 03/01/2022 to 20/01/2022 in our organization.

During her tenure with us we found her sincere and hardworking

We wish her a great success in the future

For PK ENGINEERING

Authorized Signatory





(Excellent Solution for Noise and vibration control)

2/18 Mutai Nagar, Ramjee Nagar (P.O)
K.kalikkudi, Tiruchirappalli – 620 009, Tamil nadu.
Phone & Fax: +91 431 -4024044, 08220360463
Email: sales@pkengg.net, marketing@pkengg.net
Website: www.pkengg.net & www antivibration-systems.com
GST NO – 33CRKPK6522L1ZJ

TO WHOMSOEVER IT MAY CONCERN

This is to inform that **Ms.M.SANTHIYA (Reg. NO. 20290062)** a final year student of MBA(Master Business Administration), Department of Management Studies, Shrimati Indra Gandhi College, Tiruchirappalli, is accorded permission to undergo industrial training from 03/01/2022 to 20/01/2022 in our organization.

For PK ENGINEERING

Authorized Signatory





Hinduja Tech Limited

A6 Tower – 8th floor, Gateway Office Parks,
No. 16, Grand Southern Trunk Rd, Chennai,
Tamil Nadu 600063.

15th of November 2021

To,
Whomever it May Concern,

This is to Certify that Ms. S. Shagula Janci (Reg No. 20290064) Master's In Business Administration II Year Student of Shrimati Indra Gandhi College, has done 'Perfect Training' in our Organization from 12th of October to 14th of November 2021. During this period her Conduct & Character was found to be good. We Wish her All the Best!

For,
Hinduja Tech Limited, Chennai.



Nilofar A,
Manager - Human Resources



Dewallstreet Private Limited,
#1, VOC Street, Mahalakshmi Nagar,
Selaiyur, Chennai - 600073
Tamil Nadu
www.zevocorp.in

CIN: U72900TN2021PTC145104

Date: 31/01/2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. T. SHANMUGAPRIYA** (II MBA, Shrimati Indira Gandhi College, Tiruchirappalli) has completed her project work on "A study on work-life balance of employees" with **Dewallstreet - ZevoCorp** from 06/01/2022 to 28/01/2022.

During the period of her project work with us she was found punctual, inquisitive and took keen interest in it. She was actively & diligently involved in the process.

We wish her every success in life.

Regards,

A handwritten signature in black ink, appearing to read "John Wesley".

John Wesley
Human Resources
wjoh@zevocorp.in



28-January-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify **Ms. Subhalakshmi P** (Register Number: 20290068) a student of MBA – Final Year from **Shrimati Indira Gandhi College, Trichy - 620002**, has successfully completed her project in Finance department from **03-January-2022** to **28-January-2022** with us. During the period, she did project about **“A Study on Cost Volume Profit Analysys in VDart Technologies Pvt. Ltd”**, and her work was found to be satisfactory.

We wish her all success in her future endeavors.

For VDart Technologies Private Limited

A handwritten signature in black ink, appearing to read "Maharaja.M.Subramanian".

Maharaja.M.Subramanian
Assistant Manager – Human Resources

Rane (Madras) Limited



Date: 22.01.2022

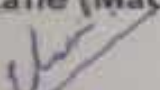
TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Subashini G (Reg No.20290067)** final year MBA student of Shrimati Indira Gandhi College, Tiruchirappalli has successfully completed her Industrial Project Work "**Employee Relationship Management**" in our organization for the period of 15 days from **04.01.2022 to 22.01.2022**.

During the tenure with us, her character and conduct was found to be good.

We wish her all the best for her future endeavor.

For Rane (Madras) Limited,


Edwin Francis F
Manager – HR



Integrated

since 1974

Investments Simplified

HO/HR SERVICES/02/2022

Date:01.02.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.Sudharasana C** , II Year MBA from Shrimati Indira Gandhi College has successfully completed the Project as per the requirements of the curriculum from 10th January 2022 to 24th January 2022.

During Project her conduct & Character was good we wish all success in her future endeavors.

Regards,



C.N. Jayanandh

AGM -HR Services



**Emerson Process Management
Chennai Private Limited**

147, Rajiv Gandhi Salai,
Karapakkam Village,
Chennai - 600 097, India.
www.fisher.com
CIN : U93090TN1985PTC024245
T : (044) 4903 4300
F : (044) 4903 4400
Fisher.India@Emerson.com

Ref. No: EPMCPL -HR- CR-333

06-Dec-2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Sumitha R, a student of Shrimati Indira Gandhi College, Trichy will commence her project work and internship with us from 07-Dec-2021 to 21-Dec-2021 respectively.

This letter is a formal confirmation given to the student, accepting her request to commence the internship during the afore said period.

For Emerson Process Management Chennai Pvt. Limited


KM Karthikeyan
Senior Manager - Human Resources.



TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.R.SURUTI (Reg. No20290071)** student of **MBA**, from –
Shrimati Indra Gandhi College- Trichy has successfully completed her final year project in
our organization for the period of duration 05.01.2022 to 19.01.2022 and she has submitted
the report and completed successfully

The title of the project is **"A STUDY ON EMPLOYEE'S SAFETY AND WELFARE
MEASURES IN VIJAY CEMENT IN TRICHY"**

This project has been completed and tested to our satisfaction. During the period her
performance and hard work were found to be good.

We wish her all the best for her future endeavors.

Thanking you

MANAGER


**Vijay Cements
Trichy**

MINI PROJECT - 2021-2022 I MBA

S.No.	REG.NO	Name	Mini Project Title	Guide
1	21290101	Abinaya M	A Study on advertising Effectiveness	Dr. J. Fransis Mary
2	21290102	Adaikala Ashika M		
3	21290103	Ananthi A		
4	21290104	Anusha S		
5	21290105	Arunadevi P		
6	21290106	Ashifa Metho A		
7	21290107	Bhuvaneshwari C		
8	21290108	Deepthi Radhai	A Study on consumer Behaviour towards Shampoo Brands	Dr. J.Saradha
9	21290109	Divya D		
10	21290110	Gayathri S		
11	21290111	Giri Shanthini Rajam.S		
12	21290112	HariPriya . R		
13	21290113	Iswariya .K		
14	21290114	Janani. T		
15	21290115	Kaveya C		
16	21290116	Kavipriya S	A Study On Consumer Buying Behaviour Of Britannia Biscuits, Thanjaur.	MS. A.Vidhya
17	21290117	Kowsalya R		
18	21290118	Kuralarasi P		
19	21290119	Kushbu Jain R		
20	21290120	Madhu Rusha R		
21	21290121	Manickavalli. S		
22	21290122	Martina Roselin F		
23	21290123	Mehar Shaganaz R		
24	21290124	Nachar S		
25	21290125	Nandhini U	A Study On Customer Satisfaction Towards Online Shopping	Dr.R.Thanga Prashath
26	21290126	Naveena R		
27	21290127	Pavithra B		
28	21290128	Prabhavathi B		
29	21290129	Priyadharshini P		
30	21290130	Priyadharshini R		
31	21290131	Priyanga R		
32	21290132	Ramya R		
33	21290133	Ramya R		

34	21290134	Ranjani B	A study on Risk Adjusted Portfolio Performance Evaluation Using Sharpe Ratio	Mr. R.Malaiyappan
35	21290135	Sagundhala devi M		
36	21290136	Sakthi devi S		
37	21290137	Sandhiya M		
38	21290138	Saranya V		
39	21290139	Shalini D		
40	21290140	Sindhu K		
41	21290141	Somasankari D		
42	21290142	Soninisha S		
43	21290143	Sornamaliya A	A Study on Customer Expectations and Perception on Service Quality of Together Tourism	Dr. K.Sivakumar
44	21290144	Sountharya E		
45	21290145	Subasri M		
46	21290146	Subasri R		
47	21290147	Sundari K		
48	21290148	Swetha J		
49	21290149	Swetha S		
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2	20290043	AISHWARYA. P		
3	20290044	BHAVATHARANI. K		
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10	20290051	KAVIYA. K		
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19	20290060	RAMYA. S		
20	20290061	ROJA. S		
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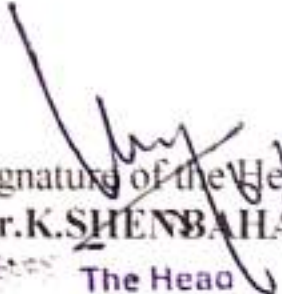
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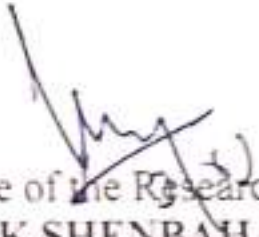
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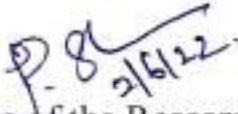
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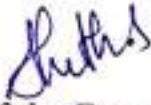

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This is to certify that the Project Work done under my guidance and the dissertation entitled "OPINION STUDY ON THE BENEFITS OF ALLOPATHY AND AYURVEDIC TREATMENT FOR COVID-19 THE PEOPLE AT VADAKADU VILLAGE, PUDUKKOTTAI DISTRICT" submitted by Mrs. S. DIVYABHARATHI (Reg.No:P20081404) in partial fulfilment of the "MASTER OF SOCIAL WORK" course for the Academic period 2020-2022 in the Specialization MEDICAL AND PSYCHIATRY is the original work of the candidate.

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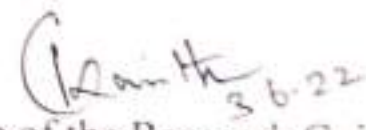
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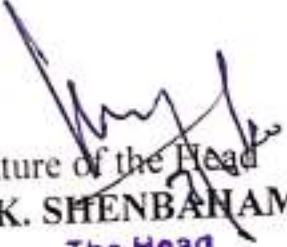
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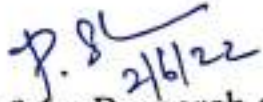
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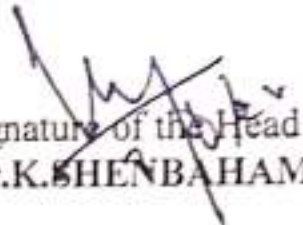
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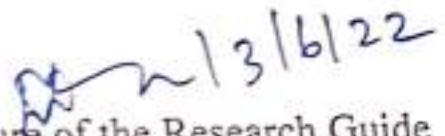
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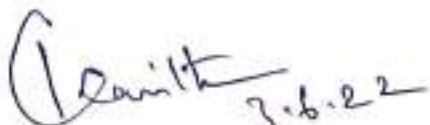
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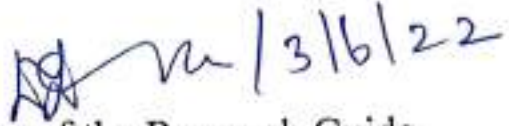
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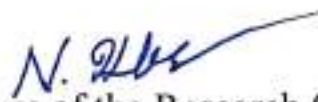
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This is to certify that the Project Work done under my guidance and the dissertation entitled **"A STUDY ON MENTAL HEALTH PROBLEM FACED BY HEALTHCARE WORKERS DURING COVID-19"** submitted by **K.T.SANGAVI, (Reg.No: P20081421)** in partial fulfilment of the **"MASTER OF SOCIAL WORK"** course for the Academic period 2020-2022 in the Specialization **"MEDICAL AND PSYCHIATRY"** is the original work of the candidate.


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CERTIFICATE

This is to certify that the Project Work done under my guidance and the dissertation entitled “AN EVALUATORY STUDY ON ECONOMIC COMPENSATION OF UNORGANISED LABOUR DURING COVID 19” submitted by S.SARMILA, (Reg.No:P20081422) in partial fulfilment of the “MASTER OF SOCIAL WORK” course for the Academic period 2020-2022 in the Specialization “HUMAN RESOURCE DEPARTMENT” is the original work of the candidate.

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This is to certify that the project work done under my guidance and the dissertation entitled "A STUDY ON FACTORS INFLUENCING PERSONAL PRODUCTIVE EQUIPMENT OF COVID-19 AMONG STUDENTS" submitted by MS. P. SIVAGAMI, II-MSW (Reg No: P20081423) in partial fulfillment of the 'MASTER OF SOCIAL WORK' for the Academic period (2020-2022) in the specialization " Medical & Psychiatry" is the Original work of the candidate.

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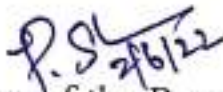
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CERTIFICATE


This is to certify that the Project Work done under my guidance and the dissertation entitled **"IMPACT OF COVID-19 PANDEMIC ON MENTAL HEALTH AMONG COLLEGE STUDENTS"** submitted by **S.SIVASHANKARI, (Reg.No:P20081424)** in partial fulfilment of the **"MASTER OF SOCIAL WORK"** course for the Academic period 2020-2022 in the Specialization **"MEDICAL AND PSYCHIATRY"** is the original work of the candidate.


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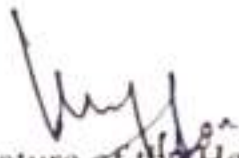
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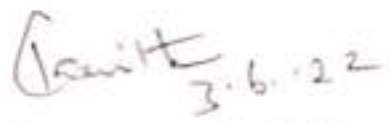
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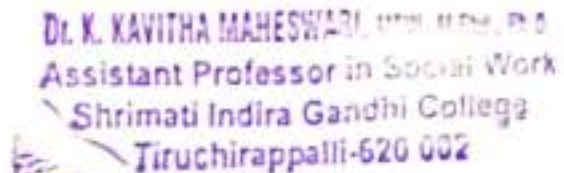
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This is to certify that the Project Work done under my guidance and the dissertation titled "AWARENESS ON ILL EFFECTS OF STREET FOOD AMONG SCHOOL STUDENTS" submitted by G. SOPHIYA, (Reg. No:P20081425) in partial fulfilment of the "MASTER OF SOCIAL WORK" course for the Academic period 2020-2022 in the Specialization "MEDICAL AND PSYCHIATRY" is the original work of the candidate.


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This is to certify that the project work done under my guidance and the dissertation entitled **"A STUDY OF FAMILY PROBLEM FACED BY MIDDLE AGED PARENT"** submitted by **Ms. B. SUBATHRA (REG.NO P20081426)** in partial fulfillment of the master of social work course for the academic period 2020 – 2022 in the specialization **"COMMUNITY DEVELOPMENT"** is the original work of the candidate.

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This is to certify that the project work done under my guidance and the dissertation entitled "PROBLEM FACED BY GOVERNMENT SCHOOL TEACHERS IN ONLINE CLASS DURING COVID – 19" submitted by Ms.G.SUBATHRA (REG.NO P20081427) in partial fulfillment of the master of social work course for the academic period 2020 – 2022 in the specialization "MEDICAL AND PSYCHIATRIC" is the original work of the candidate.

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This is to certify that the Project Work done under my guidance and the dissertation titled "ANXIETY AMONG ADOLESCENT SCHOOL STUDENTS" submitted by R., SUGANYA (Reg. No:P20081428) in partial fulfilment of the "MASTER OF SOCIAL WORK" course for the Academic period 2020-2022 in the Specialization "MEDICAL AND PSYCHIATRY" is the original work of the candidate.

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This is to certify that the Project Work done by under my guidance and the dissertation entitled “**STUDY ON LIFE STYLE AMONG SECURITY GUARDS**” submitted by **R.VIDYABHARATHI**, (Reg.No:P20081429) in partial fulfilment of the “**MASTER OF SOCIAL WORK**” course for the Academic period 2020-2022 in the Specialization “**HUMAN RESOURCE MANAGEMENT**” is the original work of the candidate.


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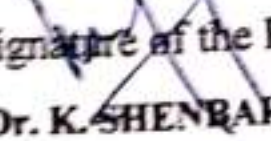
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Dr.N.HEMALATHA,

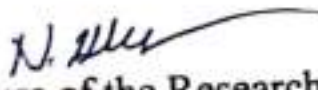
Date: 29/08/2022

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This is to certify that the project work under my guidance and the dissertation entitle "A STUDY ON PSYCHOSOCIAL PROBLEMS FACED BY COLLEGE STUDENTS" Submitted by Ms. S. HINDUJA, (REG.NO:2K21FT-23101) in partial fulfilment of the 'MASTER OF PHILOSOPHY IN SOCIAL WORK' course for the Academic Period 2021- 2022 is the original work of the candidate.


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Dr. K. KAVITHA MAHESWARI MSW., Ph.D.

Date: 29.8.22

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This is to certify that the project work done under my guidance and the dissertation entitled "**STUDY ON IMPACT OF DOMESTIC VIOLENCE ON MENTAL HEALTH OF MARRIED WOMEN IN TRICHY**" Submitted by **V. RAMALAKSHMI (Reg.No: 2K21FT-23102)** in partial fulfillment of the requirement for the award of Master of Philosophy in Social Work of the **Bharathidasan University, Tiruchirappalli** for the academic period 2021-2022 is the original work of the candidate.

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Data: 30/08/2022

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This is to certify that the project work done under my guidance and the dissertation entitled "QUALITY OF LIFE AMONG ELDERLY PERSONS AT ST. ANTONY'S HOME KATTUR TRICHY" Submitted by VENNILA.K (Reg. No: 2k21FT-23102) in partial fulfillment of the requirement for the award of master of philosophy in social work of the Bharathidasan University, Tiruchirappalli for the academic period 2022-2023 is the original work of the candidate.

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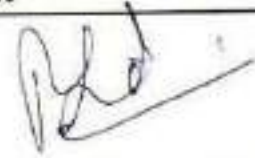
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CERTIFICATE

This is to certify that the project work entitled “இரட்டைக் காப்பியங்கள் காட்டும் சமூக நிலை” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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CB19L 205897	ANNAPOORANI A
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CB19L 205900	BHARATHI R


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This is to certify that the project work entitled “தமிழ் அற இலக்கியங்களில் அரசியல்” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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CB19L 205903	DELSI D
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This is to certify that the project work entitled "பா வகைகளும் அதன் இனங்களும்" has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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This is to certify that the project work entitled “தமிழ் மொழியின் செவ்வியல் தகுதிகள்” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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CB19L 205920	PAVITHRA A
CB19L 205921	PAVITHRA S



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This is to certify that the project work entitled “தமிழ்க் காப்பிய இலக்கணமும் படைப்பும்” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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This is to certify that the project work entitled “பறநானூற்றில் மூவேந்தர்கள்” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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CB19L 205933	SNEHA A
CB19L 205935	SOBANA P


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CB19L 205939	UMAMAHESWARI S
CB19L 205940	VENNILA M
CB19L 205941	VIMALA VINNARASI S



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This is to certify that the project work entitled “படைப்பிலக்கியத் திறனும் ஆய்வும்” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

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CB20L 207660	AKILA V
CB20L 207661	ARUL ABI B
CB20L 207662	DHANALAKSHMI S



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Dr.A.DEIVAVALLI, M.A., M.Phil., Ph.D

Department of Tamil,

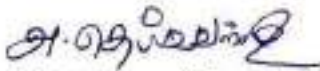
Shrimati Indira Gandhi College,

Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled “புறத்திணைகளின் வரையறைகள்” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB20L 207663	HARINI S
CB20L 207664	JANANI R
CB20L 207665	JEEVITHA P
CB20L 207666	JENANI R


Signature of the Guide


Signature of the Head of the Department

தமிழ்த்துறைத் தலைவர்
சூமதி இந்திரா காந்தி கல்லூரி
திருச்சிராப்பள்ளி - 2.

Dr.M KAVITHA, M.A., M.Phil., SET., Ph.D

Department of Tamil,

Shrimati Indira Gandhi College,


Tiruchirappalli-620 002.

CERTIFICATE

This is to certify that the project work entitled “எழுத்துக்களின் பிறப்பிலக்கணம்” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB20L 207667	KOWSALYA S
CB20L 207668	KIRUTHIKA R
CB20L 207669	LALITHA LAKSHMI V
CB20L 207670	MAHALAKSHMI K


Signature of the Guide


Signature of the Head of the Department

தமிழ்த்துறைத் தலைவர்
சுமதி இந்திரா காந்தி கல்லூரி
திருச்சிராப்பள்ளி - 2

Ms.S.KANNAMMAL, M.A., M.Phil., UGC-NET

Department of Tamil,

Shrimati Indira Gandhi College,


Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled “சிலப்பதிகாரத்தில் வரலாற்றுச் செய்திகள் ” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB20L 207671	MALATHI R
CB20L 207672	MUTHULAKSHMI A
CB20L 207673	NARMATHA B
CB20L 207674	NITHYA P


Signature of the Guide


Signature of the Head of the Department

தமிழ்த்துறைத் தலைவர்
மீமதி இத்திரா காதல் கல்தூரி
திருச்சிராப்பள்ளி - 2.

Ms.P.LAKSHMI, M.A., M.Phil.
Department of Tamil,
Shrimati Indira Gandhi College,
Tiruchirappalli-620 002.

CERTIFICATE

This is to certify that the project work entitled “இருவாசகத்தில் இடம்பெறும் விளையாட்டுகள்” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB20L 207675	PANDEESWARI P
CB20L 207676	PRIYANKA K
CB20L 207677	RAHINI S
CB20L 207678	SARANYA A

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Signature of the Head of the Department

தமிழ்த்துறைத் தலைவர்:
சீமதி இந்திரா காந்தி கல்லூரி
திருச்சிராப்பள்ளி - 2.

Ms.A.SANGEETHA, M.A., M.Phil.

Department of Tamil,

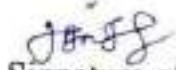
Shrimati Indira Gandhi College,

Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled “குறுநில மன்னர்கள்” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB20L 207680	SHABURA M
CB20L 207681	VIGNESHWARI M
CB20L 207682	VIJAYASANTHI B



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Signature of the Head of the Department

தமிழ்த்துறைத் தலைவர்
ஸ்ரீமதி இந்திரா காந்தி கல்லூரி
திருச்சிராப்பள்ளி - 2.

Dr.A.SHARMILA, M.A., M.Phil., UGC-NET., Ph.D

Department of Tamil,

Shrimati Indira Gandhi College,


Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled “புதுக்கவிதை தொகுப்பில் சமுதாய சிந்தனைகள்” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB21L 209208	ABINAYA Y
CB21L 209209	ARCHANA I
CB21L 209210	ATHISRI B
CB21L 209211	DEVADHARSHINI T


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Signature of the Head of the Department

தமிழ்துறைத் தலைவர்
ஸ்ரீமதி இந்திரா காந்தி கல்லூரி
திருச்சிராப்பள்ளி - 2.

Ms.K.PADMAVATHY, M.A., M.Phil., UGC-NET.,B.Ed

Department of Tamil,

Shrimati Indira Gandhi College,

Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled “திருக்கைலாய ஞான உலாவில் சிவபெருமானின் வடிவழகு” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB21L 209212	DEVAKI S
CB21L 209214	GLORY J
CB21L 209215	JOSPHINE JOEL D
CB21L 209216	KATHIJA BASARIA K


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தமிழ்த்துறைத் தலைவர்
சூமதி வித்திரா வந்தல் கல்லூரி
திருச்சிராப்பள்ளி - 2.

Ms.B.RAMYA, M.A., M.Phil., UGC-NET.

Department of Tamil,

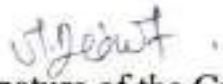
Shrimati Indira Gandhi College,


Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled “நன்னூல் சொல்லிலக்கண மரபு உத்திகள்” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB21L 209217	MATHUMIDHA J
CB21L 209218	MEENA V
CB21L 209219	MEKALA L
CB21L 209221	NIVEDHA R


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Signature of the Head of the Department

தமிழ்த்துறைத் தலைவர்
ஸ்ரீமதி இந்திரா காந்தி கல்லூரி
திருச்சிராப்பள்ளி - 2.

Dr.M.TAMILSELVI, M.A., M.Phil., UGC-NET.,Ph.D

Department of Tamil,

Shrimati Indira Gandhi College,


Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled “ஆண்டாள் நாடகத்தில் சமூகப் பார்வை” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB21L 209222	NIVETHA A
CB21L 209223	PRIYA M
CB21L 209224	RAJATHI S
CB21L 209225	SHOBANA G

M. TAMIL SELVI
Signature of the Guide


Signature of the Head of the Department

தமிழ்த்துறைத் தலைவர்
சூபதி இந்திரா காந்தி கல்லூரி
திருச்சிராப்பள்ளி - 2

Dr.T.PREMA, M.A., M.Phil., Ph.D

Department of Tamil,

Shrimati Indira Gandhi College,

Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled “ஊடகத்துறையில் மொழியின் பயன்பாடு” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB21L 209226	SIMIPRIYADHARSHINI M
CB21L 209227	SRIDEVI D
CB21L 209228	SUBHASHINI S
CB21L 209229	SUDHARSANA V



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தமிழ்த்துறைத் தலைவர்
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திருச்சிராப்பள்ளி - 2.

Ms.K.SURYA, M.A., M.Phil., UGC-NET.

Department of Tamil,

Shrimati Indira Gandhi College,

Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled “தமிழ்விடு தாதுன்
மொழிச் சிறப்பு” has been carried out by the following students under my
supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
CB21L 209230	SUMITHRA S
CB21L 209231	THENMOZHI D
CB21L 209232	VIMALA S



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தமிழ்த்துறைத் தலைவர்
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திருச்சிராப்பள்ளி - 2.

Dr.K.ANNAPOORANI, M.A., M.Phil., Ph.D

Department of Tamil,

Shrimati Indira Gandhi College,

Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled “பெரிய புராணம் சுட்டும் சுந்தரர் வரலாறு ” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
P21101050	ANANTHI N
P21101051	ANITA R
P21101052	ANU S
P21101053	BABY C



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தமிழ்த்துறைத் தலைவர்
சீமதி இந்திரா காந்தி கல்லூரி
திருச்சிராப்பள்ளி - 2.

Ms.S.KANNAMMAL, M.A., M.Phil., UGC-NET

Department of Tamil,

Shrimati Indira Gandhi College,

Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled “நற்றிணையில் செவிலித்தாயர்” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
P21101054	DEEPALAKSHMI B
P21101055	DEEPIKA S
P21101056	DIVYA M
P21101057	DURGA S


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Signature of the Head of the Department

தமிழ்த்துறைத் தலைவர்
சீமதி இந்திரா காந்தி கல்லூரி
திருச்சிராப்பள்ளி - 2.

Ms.P.LAKSHMI, M.A., M.Phil.

Department of Tamil,

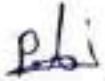
Shrimati Indira Gandhi College,

Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled “பறநானூற்றில் போர்த் தொழில்நுட்பம்” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
P21101058	HEMALATHA K
P21101059	KAVIYARASI K
P21101060	KIRUTHIKALA S
P21101061	KOUSALYA M



Signature of the Guide



Signature of the Head of the Department

தமிழ்த்துறைத் தலைவர்
ஸ்ரீமதி இந்திரா காந்தி கல்யாணி
திருச்சிராப்பள்ளி - 2.

Ms.A.SANGEETHA, M.A., M.Phil.

Department of Tamil,

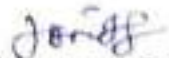
Shrimati Indira Gandhi College,

Tiruchirappalli-620 002

CERTIFICATE

This is to certify that the project work entitled “ஐங்குறுநூற்றில் உள்ளூறை” has been carried out by the following students under my supervision and guidance during the Academic Year 2021-2022.

Register No.	Name of the Student
P21101062	LAVANYA M
P21101063	NANDHINI P
P21101064	NITHYA K
P21101065	PRIYANKA K
P21101066	VUJAYALAKSHMI J


Signature of the Guide


Signature of the Head of the Department

தமிழ்த் துறைத் தலைவர்
சூமதி இர்திரா காந்தி கல்நூரி
திருச்சிராப்பள்ளி - 2.

நெறியாளர் சான்றிதழ்

இடம்: திருச்சிராப்பள்ளி

நாள்: 03/06/2022

முனைவர் மு. திரிபுரசுந்தரி

உதவிப் பேராசிரியர்,

தமிழாய்வுத் துறை

ஸ்ரீமதி இந்திராகாந்தி கல்லூரி,

திருச்சிராப்பள்ளி - 620 002.

“ஆத்தங்கரை நாவல் உணர்த்தும் சூழலியல் சிந்தனைகள்” ஸ்ரீமதி இந்திராகாந்தி கல்லூரி முதுகலைப் பட்டத்திற்காக முதுகலைத் தேர்வின் ஒரு பகுதியாக இத்திட்டக்கட்டுரை என் மேற்பார்வையில் மாணவி சி. ஆர்த்தி. பதிவு எண்: P20101401 என்பவரால் மேற்கொள்ளப்பட்டது என்றும் இத்திட்டக்கட்டுரை வேறு இந்தப் பட்டத்திற்கு அளிக்கப்படவில்லை என்றும் சான்றளிக்கிறேன்.

துறைத்தலைவர் கையொப்பம்

கமிழ்த்துறைத் தலைவர்
ஸ்ரீமதி இந்திராகாந்தி கல்லூரி
திருச்சிராப்பள்ளி - 2.

நெறியாளர் கையொப்பம்

நெறியாளர் சான்றிதழ்

நாள் : 03.06.2022

இடம் : திருச்சிராப்பள்ளி

முனைவர் பா. பத்மபிரியா,
உதவிப்பேராசிரியர்,
தமிழாய்வுத் துறை,
ஸ்ரீமதி இந்திரா காந்தி கல்லூரி,
திருச்சிராப்பள்ளி - 2.

ஸ்ரீமதி இந்திரா காந்தி கல்லூரியில் முதுகலை பட்டவகுப்பு மாணவி ம. மோனிகா என்பவர் "வளையாபதி காப்பியம் கூறும் வாழ்வியல் விழுமியங்கள்" என்னும் தலைப்பில் என்னுடைய மேற்பார்வையில் எழுதிய இந்த ஆய்வேடு முதுகலைத் தமிழ் தேர்வின் ஒரு பகுதியாக 2021-2022 ஆம் ஆண்டில் தாமே முயன்று உருவாக்கியது என்றும், இந்த ஆய்வேடு வேறு எந்த பட்டத்திற்காகவும் அளிக்கப்படவில்லை என்றும் சான்றளிக்கின்றேன்.


தமிழாய்வுத்துறை தலைவர்

தமிழ்த்துறைத் தலைவர்
ஸ்ரீமதி இந்திரா காந்தி கல்லூரி
திருச்சிராப்பள்ளி - 2.


ஆய்வு நெறியாளர்

நெறியாளர் சான்றிதழ்

இடம் : திருச்சிராப்பள்ளி

நாள் : 03.06.2022

முனைவர் மு.கவிதா,

உதவிப்பேராசிரியர்,

தமிழாய்வுத்துறை,

ஸ்ரீமதி இந்திராகாந்தி கல்லூரி

திருச்சிராப்பள்ளி - 620 002

“திரிகடுகம் கூறும் வாழ்வியல் கூறுகள்” என்னும் தலைப்பில் ஸ்ரீமதி இந்திராகாந்தி கல்லூரி முதுகலைப் பட்டத்திற்காக முதுகலைத் தேர்வின் ஒரு பகுதியாக இத்திட்டக்கட்டுரை என் மேற்பார்வையில் மாணவி க.வைஷ்ணவி பதிவு எண் : P20101408 என்பவரால் மேற்கொள்ளப்பட்டது என்றும் இத்திட்டக்கட்டுரை வேறு எந்தப் பட்டத்திற்கும் அளிக்கப்படவில்லை என்றும் சான்றளிக்கிறேன்.



துறைத்தலைவர் கையொப்பம்

சுமீழ்த்துறைத் தலைவர்

ஸ்ரீமதி இந்திராகாந்தி கல்லூரி
திருச்சிராப்பள்ளி - 2,



நெறியாளர் கையொப்பம்

நெறியாளர் சான்றிதழ்

இடம் : திருச்சிராப்பள்ளி

நாள் : 03.06.22

முனைவர்.மு.தேவகி, எம்.ஏ.,எம்.பில்.,

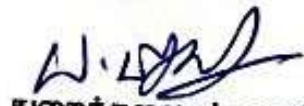
உதவிப்பேராசிரியர்

தமிழாய்வுத்துறை,

ஸ்ரீமதி இந்திராகாந்தி கல்லூரி

திருச்சிராப்பள்ளி - 620 002.

'பட்டினப்பாலை உணர்த்தும் வாழ்வியல்' என்னும் தலைப்பில் ஸ்ரீமதி இந்திராகாந்தி கல்லூரி முதுகலைப் பட்டத்திற்காக முதுகலைத் தேர்வின் ஒரு பகுதியாக இத்திட்டக்கட்டுரை என் மேற்பார்வையில் மாணவி செல்வி.கு.மு.சரண்யா பதிவு எண் : P20101406 என்பவரால் மேற்கொள்ளப்பட்டது என்றும் இத்திட்டக்கட்டுரை வேறு எந்தப் பட்டத்திற்கும் அளிக்கப்படவில்லை என்றும் சான்றளிக்கிறேன்.



துறைத்தலைவர் கையொப்பம்

தமிழ்த்துறைத் தலைவர்

ஸ்ரீமதி இந்திராகாந்தி கல்லூரி

திருச்சிராப்பள்ளி - 2



நெறியாளர் கையொப்பம்

நெறியாளர் சான்றிதழ்

இடம் : திருச்சிராப்பள்ளி

நாள் : 03.06.2022

முனைவர் அ.தெய்வவள்ளி

உதவிப்பேராசிரியர்,

தமிழாய்வுத்துறை,

ஸ்ரீமதி இந்திராகாந்தி கல்லூரி,

திருச்சிராப்பள்ளி - 620 002

“நான்மணிக்கடிகை சுட்டும் வாழ்வியல் கூறுகள்” என்னும் தலைப்பில் ஸ்ரீமதி இந்திராகாந்தி கல்லூரி முதுகலை பட்டத்திற்காக முதுகலைத் தேர்வின் ஒரு பகுதியாக இத்திட்டக்கட்டுரை என் மேற்பார்வையில் மாணவி மு.ஷர்மிளா பதிவு எண் : P20101407 என்பவரால் மேற்கொள்ளப்பட்டது என்றும் இத்திட்டக்கட்டுரை வேறு எந்தப் பட்டத்திற்கும் அளிக்கப்படவில்லை என்றும் சான்றளிக்கிறேன்.

துறைத்தலைவர் கையொப்பம்

புதிழ்த்துறைத் தலைவர்
ஸ்ரீமதி இந்திராகாந்தி கல்லூரி
திருச்சிராப்பள்ளி - 2.

நெறியாளர் கையொப்பம்

நெறியாளர் சான்றிதழ்

இடம்: திருச்சிராப்பள்ளி

நாள்: 29.08.2023



முனைவர் சு. நாகரெத்தினம்

உதவிப்பேராசிரியர்,

தமிழாய்வுத்துறை,

ஸ்ரீமதி இந்திரா காந்தி கல்லூரி,

திருச்சிராப்பள்ளி-2

“ஒப்பீட்டு நோக்கில் தொல்காப்பியச் செய்யுளியலும் யாப்பருங்கலக்காரிகையும்”என்னும் தலைப்பில் அமைந்துள்ள இந்த ஆய்வேடு பாரதிதாசன் பல்கலைக்கழக ஆய்வியல் நிறைஞர் பட்டத்தின் ஒருபகுதியாக என் மேற்பார்வையில் மாணவி சூ. ஐஸ்வர்யா (பதிவு எண்: 2K21FT-23105 முமுநேர ஆய்வாளர்) என்பவரால் மேற்கொள்ளப்பட்டது என்றும் இந்த ஆய்வு குறித்து ஆய்வாளருக்கு வேறு எந்த பட்டமும் அளிக்கப்படவில்லை என்றும் சான்றளிக்கிறேன்.

துறைத்தலைவர் கையொப்பம்

தமிழ்த்துறைத் தலைவர்

ஸ்ரீமதி இந்திரா காந்தி கல்லூரி
திருச்சிராப்பள்ளி 2.

நெறியாளர் கையொப்பம்

முனைவர் சு.நாகரெத்தினம்

ஆய்வு நெறியாளர், தமிழ்த்துறை
ஸ்ரீமதி இந்திராகாந்தி கல்லூரி
திருச்சிராப்பள்ளி-2

முதல்வர் கையொப்பம்
PRINCIPAL
Shrmati Indira Gandhi College
Tiruchirapalli-2.

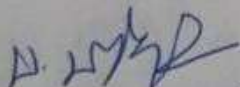
நெறியாளர் சான்றிதழ்



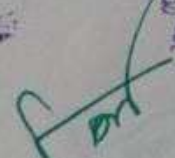
இடம் : திருச்சிராப்பள்ளி
நாள் : 29.08.2022

முனைவர். ப. ஸ்ரீதேவி,
துறைத்தலைவர்,
தமிழாய்வுத்துறை,
ஸ்ரீமதி இந்திராகாந்தி கல்லூரி,
திருச்சிராப்பள்ளி-620 002.

“ஒப்பாய்வு நோக்கில் நாலடியாரும் பழமொழி நானூறும்” என்னும் தலைப்பில் அமைந்த இந்த ஆய்வேடு பாரதிதாசன் பல்கலைக்கழக ஆய்வியல் நிறைஞர் பட்டத்திற்காக என் மேற்பார்வையின் கீழ் மாணவி அ. கிளமென்சியா (பதிவு எண் : 2K21FT-23104) என்பவரால் மேற்கொள்ளப்பட்டுள்ளது என்றும் இந்த ஆய்வு குறித்து ஆய்வாளருக்கு வேறு எந்த பட்டமும் அளிக்கப்படவில்லை என்றும் சான்றளிக்கின்றேன்.


துறைத்தலைவர் கையொப்பம்
தமிழாய்வுத்துறைத் தலைவர்
ஸ்ரீமதி இந்திராகாந்தி கல்லூரி
திருச்சிராப்பள்ளி - 2.


நெறியாளர் கையொப்பம்
முனைவர். ப. ஸ்ரீதேவி
ஆய்வு நெறியாளர், தமிழ்த்துறை
ஸ்ரீமதி இந்திராகாந்தி கல்லூரி
திருச்சிராப்பள்ளி - 620 002.


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