SENGUNTHAR ARTS AND SCIENCE COLLEGE
(Affiliated to Periyar University, Salem and Approved by AICTE, New Delhi)
An ISO 9001:2015 Certified Institution
Recognised under section 2(f) and 12(B) of the UGC Act 1956
Accredited by NAAC
Tiruchengode – 637 205, Namakkal Dt., Tamil Nadu
Since 1991

DEPARTMENT OF PG ENGLISH

STUDENTS PROJECT LIST

II – MA ENGLISH – (2021-2023)

NO	REG.NO	NAME OF THE STUDENT	TITLE OF THE PROJECT
01	C21PG127ENG001	A.DURGA DEVI	LOVE AND AFFECTION IN THE NOVEL OF THE GATHERING
02	C21PG127ENG002	D.KIRANMAI	THE TRANSFORMATION OF RAJU FROM TOURIST GUIDE TO THE SPRITUAL GUIDE IN THE SELECTED NOVEL OF R.K.NARAYANAN
03	C21PG127ENG003	S.MONISHA	EXISTENTIAL CRISIS IN THE ANITA DESAI'S IN CUSTODY
04	C21PG127ENG004	S.NANDHINI	AN INVISIBLE ISSUES AND SUFFERINGS OF TRANSGENDER IN MAHESH DATTANI'S "SEVEN STEPS AROUND THE FIRE"
05	C21PG127ENG005	G.PAVITHRA	AMALGAMATION OF MYTHOLOGY IN THE HIDDEN HINDU

HOD

PRINCIPAL

Mr. M. KANAGARAJAN M.A., M.Phil., B.Ed.,
Assistant professor, Department of English,
Sengunthar Arts and Science College,
Tiruchengode-637 205

CERTIFICATE

This is to certify that the project work entitled "**LOVE AND AFFECTION IN THE NOVEL OF THE GATHERING**" submitted in partial fulfilment of the requirement of the degree of **MASTER OF ENGLISH** to the Periyar University, Salem is a record of Bonafide research work carried out by **A.DURGA DEVI (Reg.No.C21PG127ENG001)** under my supervision and guidance and that no part of project has been submitted for the award of any Degree, Diploma, Fellowship or other similar title or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

M. Kanagarajan 28/4/23

Head of the Department

M. Kanagarajan 28/4/23

Signature of the Guide

28/4/23

Mrs.R.SRIDEVI,M.C.A.,M.A.,M.Phil.,(Ph.D;
Head & Assistant Professor
Department of English
Mahendra Arts & Science College (Autonomous)
Kalippatti, Namakkal-Dt. Tamil Nadu-637501.
Ph: 04288-288345, Mobile No: 9159388228.

Mr. M. KANAGARAJAN M.A., M.Phil., B.Ed.,
Assistant professor, Department of English,
Sengunthar Arts and Science College,
Tiruchengode-637 205

CERTIFICATE

This is to certify that the project work entitled "THE TRANSFORMATION OF RAJU FROM TOURIST GUIDE TO THE SPRITUAL GUIDE IN THE SELECT NOVEL OF R.K.NARAYAN" submitted in partial fulfilment of the requirement of the degree of MASTER OF ENGLISH to the Periyar University, Salem is a record of Bonafide research work carried out by D.KIRANMAI (Reg.No.C21PG127ENG002) under my supervision and guidance and that no part of project has been submitted for the award of any Degree, Diploma, Fellowship or other similar title or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

Head of the Department

Signature of the Guide

Examiner 28/4/23

Mrs.R.SRIDEVI,M.C.A.,M.A.,M.Phil.,(Ph.D,
Head & Assistant Professor
Department of English
Mahendra Arts & Science College (Autonomous)
Kalippatti, Namakkal-Dt. Tamil Nadu-637501.
Ph: 04288-288345, Mobile No: 9159388228.

Mr. M. KANAGARAJAN M.A., M.Phil., B.Ed.,

Assistant professor, Department of English,

Sengunthar Arts and Science College,

Tiruchengode-637 205

CERTIFICATE

This is to certify that the project work entitled "**EXISTENTIAL CRISIS IN ANITA DESAI'S IN CUSTODY**" submitted in partial fulfilment of the requirement of the degree of **MASTER OF ENGLISH** to the Periyar University, Salem is a record of Bonafide research work carried out by **S. MONISHA (Reg.No.C21PG127ENG003)** under my supervision and guidance and that no part of project has been submitted for the award of any Degree, Diploma, Fellowship or other similar title or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

Head of the Department

Signature of the Guide

28/4/25

Examiner

Mrs.R.SRIDEVI,M.C.A.,M.A.,M.Phil.,(Ph.D,
Head & Assistant Professor
Department of English
Mahendra Arts & Science College (Autonomous)
Kalippatti, Namakkal-Dt. Tamil Nadu-637501.
Ph: 04288-288345, Mobile No: 9159388228

Mr. M. KANAGARAJAN M.A., M.Phil., B.Ed.,
Assistant professor, Department of English,
Sengunthar Arts and Science College,
Tiruchengode-637 205

CERTIFICATE

This is to certify that the project work entitled **AN INVISIBLE ISSUES AND SUFFERINGS OF TRANSGENDER IN MAHESH DATTANI'S "SEVEN STEPS AROUND THE FIRE."** submitted in partial fulfilment of the requirement of the degree of **MASTER OF ENGLISH** to the Periyar University, Salem is a record of Bonafide research work carried out by **S.NANDHINI (Reg.No.C21PG127ENG004)** under my supervision and guidance and that no part of project has been submitted for the award of any Degree, Diploma, Fellowship or other similar title or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

Head of the Department

Signature of the Guide

Examiner

Mrs.R.SRIDEVI,M.C.A.,M.A.,M.Phil.,(Ph.D,
Head & Assistant Professor
Department of English
Mahendra Arts & Science College (Autonomous)
Kalippatti, Namakkal-Dt. Tamil Nadu-637501.
Ph. 04288-288345, Mobile No: 9159388228.

Mr. M. KANAGARAJAN M.A., M.Phil., B.Ed.,
Assistant professor, Department of English,
Sengunthar Arts and Science College,
Tiruchengode-637 205

CERTIFICATE

This is to certify that the project work entitled **"AMALGAMATION OF MYTHOLOGY IN THE HIDDEN HINDU"** submitted in partial fulfilment of the requirement of the degree of **MASTER OF ENGLISH** to the Periyar University, Salem is a record of Bonafide research work carried out by **G.PAVITHRA (Reg.No.C21PG127ENG005)** under my supervision and guidance and that no part of project has been submitted for the award of any Degree, Diploma, Fellowship or other similar title or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

Head of the Department

Signature of the Guide

Examiner

Mrs.R.SRIDEVI,M.C.A.,M.A.,M.Phil.,(Ph.D,
Head & Assistant Professor
Department of English
Mahendra Arts & Science College (Autonomous)
Kalippatti, Namakkal-Dt. Tamil Nadu-637501.
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Tiruchengode – 637 205, Namakkal dt., Tamilnadu

Since 1991

ISO 9001 REGISTERED

IN-PLANT / SUMMER TRAINING RECORD

Department of .....BBA.....

Degree/Branch/Semester:II BBA/IV
Total Number of Students:20

Academic Year:**2022-2023**

S.NO	REG NO.	ROLL NO	NAME	TITLE OF THE PROJECT	GUIDE
1	C21UGI27BAD001	21B301	ARAVINTH N	SHIVAM PVC PIPE,TIRUCHENGODE	MR.S.SUNDARAVADIVELU
2	C21UGI27BAD002	21B302	ARUNRAJ N	SHIVAM PVC PIPE,TIRUCHENGODE	MR.S.SUNDARAVADIVELU
3	C21UGI27BAD003	21B303	DEEPANRAJ S	SRI RAM PIPES&FITTINGS,VENNADUR	
4	C21UGI27BAD005	21B305	DHANUSH S M	SRI RAM PIPES&FITTINGS,VENNADUR	MR.S.SUNDARAVADIVELU
5	C21UGI27BAD007	21B307	HARIHARAN J	SHIVAM PVC PIPE,TIRUCHENGODE	
6	C21UGI27BAD008	21B308	JAYASURYA B	SHIVAM PVC PIPE,TIRUCHENGODE	MR.S.SUNDARAVADIVELU
7	C21UGI27BAD009	21B309	KALEESWARAN M	SRI RAM PIPES&FITTINGS,VENNADUR	
8	C21UGI27BAD010	21B310	MALLA SWAMI	SENGUNTHAR ILLS(p)LTD,THOKKAVADI	MR.S.SUNDARAVADIVELU
9	C21UGI27BAD011	21B311	MEIYARASU S	SENGUNTHAR ILLS(p)LTD,THOKKAVADI	
10	C21UGI27BAD013	21B313	PRADEEP P	SENGUNTHAR ILLS(p)LTD,THOKKAVADI	MR.S.SUNDARAVADIVELU
11	C21UGI27BAD015	21B315	SARANRAJ S	THE INDIA CEMENTS LIMITED,SANKARI	
12	C21UGI27BAD016	21B316	SIVASAMY A	SRI RAM PIPES&FITTINGS,VENNADUR	MR.S.SUNDARAVADIVELU
13	C21UGI27BAD017	21B317	SUBANESH M	THE INDIA CEMENTS LIMITED,SANKARI	
14	C21UGI27BAD018	21B318	TAMIZHARASAN D	SRI RAM PIPES&FITTINGS,VENNADUR	MR.S.SUNDARAVADIVELU
15	C21UGI27BAD019	21B319	UDHAYAKUMAR A	SENGUNTHAR ILLS(p)LTD,THOKKAVADI	
16	C21UGI27BAD020	21B320	VIGNESH B	SENGUNTHAR ILLS(p)LTD,THOKKAVADI	MR.S.SUNDARAVADIVELU
17	C21UGI27BAD021	21B321	VISHNU B	SENGUNTHAR ILLS(p)LTD,THOKKAVADI	
18	C21UGI27BAD023	21B323	LOGANA D	THE INDIA CEMENTS LIMITED,SANKARI	MR.S.SUNDARAVADIVELU
19	C21UGI27BAD024	21B324	MADHUMITHA H	THE INDIA CEMENTS LIMITED,SANKARI	
20	C21UGI27BAD025	21B325	SELVASUDHA V	THE INDIA CEMENTS LIMITED,SANKARI	MR.S.SUNDARAVADIVELU

Academic Coordinator

H. O. D.

SENGUNTHAR ARTS AND SCIENCE COLLEGE 637 205 NAMAKKAL DT. TIRUCHENGODE

GSTIN : 33ACRFS2817G1ZZ

Cell : 94439 15259
98428 15259
98427 15259
98658 46631

SHIVAM PVC PIPE

சிவம் PVC பைப்

RESIN PIPES & SCRAP PIPES MFG.

(An ISO 9001 : 2015 Certified Company)

No : 106/1-3, Erode Main Road, Rajagoundampalayam,
Suriyampalayam (P.O.) TIRUCHENGODE Tk. Namakkal Dt. (Tamilnadu) Pin : 637 209.

Specialist : 5" to 12" Borewell Casing Pipe

TIN : 33336271340
GSTIN : 33ACRFS2817G1ZZ

Date 28th March 2023

TO WHOMSEVER IT MAY CONCERN

This is certify that Mr. N.ARAVINTH, (Roll No.21B301) BBA student of Sengunthar Arts and Science College, Thiruchengode. He Successfully completed the "Inplant training" in our organization for 15 days (09.01.2023 to 31.01.2023). His performance during training period is very good. We wish him all success in his future endeavors.

For SHIVAM PVC PIPE

MANAGING PARTNER

A. GOBI

MANAGING PARTNER

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

GSTIN : 33ACRFS2817G1ZZ

Cell 94439 15259
98428 15259
98427 15259
98658 46631

SHIVAM PVC PIPE

சிவம் PVC குழாய்

RESIN PIPES & SCRAP PIPES MFG.

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No : 105/1-3, Erode Main Road, Rajagoundampalayam,
Sunyampalayam (P.O.) TIRUCHENGODE Tk., Namakkal Dt. (Tamilnadu) Pin : 637 209.

Specialist : 5" to 12" Borewell Casing Pipe

TIN : 33[illegible]
GSTIN : 33ACRFS2817G1ZZ

Date 28th March 2023

TO WHOMSEVER IT MAY CONCERN

This is certify that Mr. N.ARUNRAJ, (Roll No.21B302) BBA student of Sengunthar Arts and Science College, Thiruchengode He Successfully completed the "Inplant training" in our organization for 15 days (09.01.2023 to 31.01.2023). His performance during training period is very good. We wish him all success in his future endeavors.

For SHIVAM PVC PIPE

MANAGING PARTNER

A. GOBI

MANAGING PARTNER

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

SRI RAM PIPES & FITTINGS

27/4, Subash Nagar, Vennandur (Po) 637505 Rasipuram (Tk) Namakkal (Tk)

Date : 01.02.2023

TO WHOMSEVER IT MAY CONCERN

This is certify that Mr. S.DEEPANRAJ (Roll No.21B303) BBA student of Sengunthar Arts and Science College, Tiruchengode. He successfully completed the "Inplant Training" in our organization for 15 days (09.01.2023 to 31.01.2023). His performance during training period is very good. We wish him all success in his future endeavors.

Managing director

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

V.KANNAN Proprietor
GST 33BALPK3046124
Mob 9443892756, 9003678190

SRI RAM PIPES & FITTINGS

2/14, Subash Nagar, Vennandur (Po) 637505 Rasipuram (Tk) Namakkal (Dt)

Date 01.02.2023

TO WHOMSEVER IT MAY CONCERN

This is certify that Mr. S. M. Dhanush (Roll No:21B305) BBA student of senganthar Arts and science college, Thiruchengode. He Successfully completed the "Inplant Training" in our organization for 15 days (09.01.2023 to 31.01.2023). His performance during training period is very good. We wish him all success in his future endeavors.

Managing director

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

V.KANNAN, Proprietor
GST 33BALPK3046124
Mob 9443892756, 9003678190

GSTIN : 33ACRFS2817G1ZZ

Cell : 94439 15259
98428 15259
98427 15259
98652 46631

SHIVAM PVC PIPE

சிவம் PVC பைப்

RESIN PIPES & SCRAP PIPES MFG.

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No : 106/1-3, Erode Main Road, Rajagoundampalayam,
Suriyampalayam (P O) TIRUCHENGODE Tk. Namakkal Dt. (Tamilnadu) Pin : 637 209.

Specialist : 5" to 12" Borewell Casing Pipe

TIN : 33336271348
GSTIN : 33ACRFS2817G1ZZ

Date 28th March 2023

TO WHOMSEVER IT MAY CONCERN

This is certify that Mr. J.HARIHARAN, (Roll No.21B307) BBA student of Sengunthar Arts and Science College, Thiruchengode. He Successfully completed the "Inplant training" in our organization for 15 days (09.01.2023 to 31.01.2023). His performance during training period is very good. We wish him all success in his future endeavors.

FOR SHIVAM PVC PIPE

MANAGING PARTNER

GOBI

MANAGING PARTNER

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

GSTIN : 33ACRFS2817G1ZZ

Cell : 94439 15259
98428 15259
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98658 46631

SHIVAM PVC PIPE

சிவம் PVC பைப்

RESIN PIPES & SCRAP PIPES MFG.

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No : 106/1-3, Erode Main Road, Rajagoundampalayam,
Sunyampalayam (P.O.) TIRUCHENGODE Tk. Namakkal Dt. (Tamilnadu) Pin : 637 209

Specialist : 5" to 12" Borewell Casing Pipe

TIN : 33336271348
GSTIN : 33ACRFS2817G1ZZ

Date 28th March 2023

TO WHOMSEVER IT MAY CONCERN

This is certify that Mr. B.JAYASURYA, (Roll No.21B308) BBA student of Sengunthar Arts and Science College, Thiruchengode. He Successfully completed the "Inplant training" in our organization for 15 days (09.01.2023 to 31.01.2023). His performance during training period is very good. We wish him all success in his future endeavors.

For SHIVAM PVC PIPE

MANAGING PARTNER.

GOBI

MANAGING PARTNER

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

SRI RAM PIPES & FITTINGS

27/4, Subash Nagar, Vennandur (Po) 637505 Rsipuram (Tk) Namakkal (Tk)

Date :
01.02.2023

TO WHOMSEVER IT MAY CONCERN

This is certify that Mr. M.KALEESWARAN (Roll.No:21B309) BBA student of Sengunthar Arts and Science College, Tiruchengode. He successfully completed the "Inplant Training" in our organization for 15 days (09.01.2023 to 31.01.2023). His performance during training period is very good. We wish him all success in his future endeavors.

For VENNANDUR SRI RAM PLASTICS,

V. Kannan

Managing director

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

V.KANNAN, Proprietor
GST : 33BALPK3046IZ4
Mob : 9443892756, 9003678190

SENGUNTHAR MILLS (P) LTD.,

Phone: 04288 - 274226. E-mail: smpltcd@gmail.com

Ref.No : SMPL/

Date:
01.02.2023

TO WHOMSOEVER THIS MAY CONCERN

This is to certify that **Mr.MALLASWAMI** of **B.B.A. II Year (Bachelor of Business Administration) Reg. No.21B310** a student from **Sengunthar Arts and Science College,Tiruchengode** completed his **INPLANT TRANING** in our esteemed Institution from 09.01.2023 to 31.01.2023 Dueing the Institution Training period his character was good.

For SENGUNTHAR MILLS (P) LTD.,

K. RAJASEKARAN
Managing Director.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

SENGUNTHAR MILLS (P) LTD.,

Ref.No : SMPL/

Phone: 04288 - 274226. E-mail: smpltcd@gmail.com

Date:
01.02.2023

TO WHOMSOEVER THIS MAY CONCERN

This is to certify that **S.MEIYARASU** of **B.B.A. II Year** (Bachelor of Business Administration) **Reg. No.21B311** a student from **Sengunthar Arts and Science College,Tiruchengode** completed his **INPLANT TRANING** in our esteemed Institution from 09.01.2023 to 31.01.2023 Dueing the Institution Training period his character was good.

For SENGUNTHAR MILLS (P) LTD

K. RAJASEKARAN,
Managing Director.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

SENGUNTHAR MILLS (P) LTD.,

Phone: 04288 - 274228 E-mail: smpltcvl@gmail.com

Ref.No : SMPL/

Date:
01.02.2023

TO WHOMSOEVER THIS MAY CONCERN

This is to certify that P.PRADEEP of B.B.A. II Year (Bachelor of Business Administration) Reg. No.21B313 a student from Sengunthar Arts and Science College,Tiruchengode completed his INPLANT TRANING in our esteemed Institution from 09.01.2023 to 31.01.2023 Dueing the Institution Training period his character was good.

For SENGUNTHAR MILLS (P) LTD

K. RAJASEKARAN,
Managing Director

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

THE INDIA CEMENTS LIMITED

SANKARI WORKS

Sankari West P.O., Salem District, Pin - 637 303, Tamil Nadu
Phone / Fax : 04283-240387 www.indiacements.co.in
CIN : L26942TN1946PLC000931

Ref :

Date : .....

28-01-2023

To whomsoever it May Concern

This is to certify that **Mr. S. SARANRAJ 2nd Year B.B.A Graduate from Senguntha**r **Arts and Science College, Tiruchengode,** has completed Internship Training in our Organization from 11-01-2023 (to) 25-01-2023.

In the span of Internship duration he was found good.

We wish him a bright Future.

For The India Cements Limited.,

Assistant General Manager (HR)

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

SRI RAM PIPES & FITTINGS

27/4, Subash Nagar, Vennandur (Po) 637505 Rsipuram (Tk) Namakkal (Tk)

Date :
01.02.2023

TO WHOMSEVER IT MAY CONCERN

This is certify that Mr. A. SIVASAMY (Roll.No:21B316) BBA student of Sengunthar Arts and Science College, Tiruchengode. He successfully completed the "Inplant Training" in our organization for 15 days (09.01.2023 to 31.01.2023). His performance during training period is very good. We wish him all success in his future endeavors.

Managing director

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

V.KANNAN, Proprietor
GST : 33BALPK3046IZ4
Mob : 9443892756, 9003678190

THE INDIA CEMENTS LIMITED
SANKARI WORKS
Sankari West P.O., Salem District, Pin : 637 303, Tamil Nadu.
Phone / Fax : 04283-240387 www.indiacements.co.in
CIN : L26942TN1946PLC000931

Ref :

Date : 28-01-2023

To whomsoever it May Concern

This is to certify that **Mr. M. SUBANESH (Roll No.21B317) 2nd Year B.B.A** Graduate from **Sengunthar Arts and Science College, Tiruchengode,** has completed Internship Training in our Organization from 11-01-2023 (to) 25-01-2023.

In the span of Internship duration he was found good.

We wish him a bright Future.

For The India Cements Limited.,

Assistant General Manager (HR)

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

SRI RAM PIPES & FITTINGS

27/4, Subash Nagar, Vennandur (Po) 637505 Rasipuram (Tk) Namakkal (Dt)

Date :
01.02.2023

TO WHOMSEVER IT MAY CONCERN

This is certify that Mr. D. TAMIZHARASAN(Roll.No:21B318) BBA student of Sengunthar Arts and Science College, Tiruchengode. He successfully completed the "Inplant Training" in our organization for 15 days (09.01.2023 to 31.01.2023). His performance during training period is very good. We wish him all success in his future endeavors.

For VENRAIDOUR SRIRAM PLASTICS

Managing director

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

V.KANNAN, Proprietor
GST : 33BALPK3046IZ4
Mob : 9443892756, 9003678190

SENGUNTHAR MILLS (P) LTD.,

Phone: 04288 - 274226. E-mail: smpltcd@gmail.com

Ref.No : SMPL/

Date:
01.02.2023

TO WHOMSOEVER THIS MAY CONCERN

This is to certify that **A.UDHAYAKUMAR** of **B.B.A. II Year (Bachelor of Business Administration) Reg. No.21B319** a student from **Sengunthar Arts and Science College,Tiruchengode** completed his **INPLANT TRANING** in our esteemed Institution from 09.01.2023 to 31.01.2023 Dueing the Institution Training period his character was good.

For SENGUNTHAR MILLS (P) LTD

K. RAJASEKARAN
Managing Director

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

SENGUNTHAR MILLS (P) LTD.,

Phone: 04288 - 274226. E-mail: smpltcd@gmail.com

Ref.No : SMPL/

Date:
01.02.2023

TO WHOMSOEVER THIS MAY CONCERN

This is to certify that **N.VIGNESH** of **B.B.A. II Year (Bachelor of Business Administration)** **Reg. No.21B320** a student from **Sengunthar Arts and Science College,Tiruchengode** completed his **INPLANT TRANING** in our esteemed Institution from 09.01.2023 to 31.01.2023 Dueing the Institution Training period his character was good.

For SENGUNTHAR MILLS (P) LTD

K. RAJASEKARAN
Managing Director

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

SENGUNTHAR MILLS (P) LTD.,

Phone: 04288 - 274226. E-mail: smpltcd@gmail.com

Ref.No : SMPL/

Date:
01.02.2023

TO WHOMSOEVER THIS MAY CONCERN

This is to certify that **B.VISHNU** of **B.B.A. II Year** (Bachelor of Business Administration) **Reg. No.21B321** a student from **Sengunthar Arts and Science College,Tiruchengode** completed his **INPLANT TRANING** in our esteemed Institution from 09.01.2023 to 31.01.2023 Dueing the Institution Training period his character was good.

For SENGUNTHAR MILLS (P) LTD

K. RAJASEKARAN.
Managing Director.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

THE INDIA CEMENTS LIMITED
SANKARI WORKS
Sankari West P.O., Salem District, Pin - 637 303, Tamil Nadu
Phone Fax : 04283-240387 www.indiacements.co.in
CIN L26942TN1946PLC000931

Ref :

Date : 28-01-2023

To whomsoever it May Concern

This is to certify that **Ms. D. LOGANA (Roll No. 21B323) 2nd Year B.B.A** Graduate from **Sengunthar Arts and Science College, Tiruchengode,** has completed Internship Training in our Organization from 11-01-2023 (to) 25-01-2023.

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R.Venkatachalam
CEO

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This certifies that

S.Karthickraja (C21PG127CSC001)

Department of *M.Sc (Computer Science)*

From SENGUNTHAR ARTS & SCIENCE COLLEGE

TIRUCHENGODE - 637205

In recognition of his/her hard work &

Dedication in completing the

C#.Net

From ***05.08.2022*** *To* ***25.08.2022*** *At Tiruchengode.*

R.Venkatachalam
CEO

No 107,S.S.D Road, First floor State Bank Building, Tiruchengode, TamilNadu-637211
Mobile : 9443942108,8248000648, Mail : pentasoftwaretgode@gmail.com,
www.pentasoftprojects.com

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University)

PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE

MASTER OF COMPUTER APPLICATIONS

CERTICATE OF INTERNSHIP PROGRAMME -21PCAIT1

Nov/Dec-2022

This is to certify that is a bonafide record of internship program done by **S.MIDHUNKUMAR Reg.No:C21PG127CAP008,** Master of Computer Applications, Sengunthar Arts and science College, Tiruchengode.

Submitted for the University viva-voce examination held on...5.12.22.....

5/12/22
HEAD OF THE DEPARTMENT

5/12/22
INTERNAL GUIDE

PENTA SOFTWARE
IT SOLUTIONS

Internship Completion Certificate

This certifies that

S. MIDHUN KUMAR

Department of ***Master of Computer Application***

From ***Sengunthar Arts and Science College***

Tiruchengode

In recognition of his/her hard work &

Dedication in completing the

C#.Net

From 05.08.2022 *To* 25.08.2022 *At Tiruchengode.*

PENTA SOFTWARE
No. 107, S.S.D. Road,
Ist Floor, State Bank Building,
Tiruchengode-637 211.
Namakkal Dt.

R. Venkatachalam
CEO

No 107,S.S.D Road, First floor State Bank Building, Tiruchengode, TamilNadu-637211
Mobile : 9443942108,8248000648, Mail : pentasoftwaretgode@gmail.com,
www.pentasoftprojects.com

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University)

PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE

MASTER OF COMPUTER APPLICATIONS

CERTICATE OF INTERNSHIP PROGRAMME -21PCAIT1

Nov/Dec-2022

This is to certify that is a bonafide record of internship program done by **S.VIKRAM Reg.No:C21PG127CAP014,** Master of Computer Applications, Sengunthar Arts and science College, Tiruchengode.

Submitted for the University viva-voce examination held on 5.12.22.

5/12/22
HEAD OF THE DEPARTMENT

5/12/22
INTERNAL GUIDE

PENTA SOFTWARE
IT SOLUTIONS

Internship Completion Certificate

This certifies that

VIKRAM.S

Department of ***Master of Computer Application***

From ***Sengunthar Arts and Science College***

Tiruchengode

In recognition of his/her hard work &

Dedication in completing the

C#.Net

From 05/08/2022 *To* 25/08/2022 *At Tiruchengode.*

PENTA SOFTWARE
No. 107, S.S.D. Road,
Ist Floor, State Bank Building,
Tiruchengode-637 211.
Namakkal Dt.

R.Venkatachalam
CEO

No 107,S.S.D Road, First floor State Bank Building, Tiruchengode, TamilNadu-637211
Mobile : 9443942108,8248000648, Mail : pentasoftwaretgode@gmail.com,
www.pentasoftprojects.com

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University)

PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE

MASTER OF COMPUTER APPLICATIONS

CERTICATE OF INTERNSHIP PROGRAMME -21PCAIT1

Nov/Dec-2022

This is to certify that is a bonafide record of internship program done by **U.SARAN Reg.No:C21PG127CAP011,** Master of Computer Applications, Sengunthar Arts and science College, Tiruchengode.

Submitted for the University viva-voce examination held on 5.12.22

5/12/22
HEAD OF THE DEPARTMENT

5/12/22
INTERNAL GUIDE

PENTA SOFTWARE
IT SOLUTIONS

PENTA SOFTWARE IT SOLUTION
TIRUCHENGODE

Internship Completion Certificate

This certifies that

U. SARAN

Department of ***Master of Computer Application***

From ***Sengunthar Arts and Science College***

Tiruchengode

In recognition of his/her hard work &

Dedication in completing the

C#.Net

From 05.08.2022 *To* 25.08.2022 *At Tiruchengode.*

PENTA SOFTWARE
No. 107, S.S.D. Road,
Ist Floor, State Bank Building,
Tiruchengode-637 211,
Namakkal Dt.

R. Venkatachalam
CEO

No 107,S.S.D Road, First floor State Bank Building, Tiruchengode, TamilNadu-637211
Mobile : 9443942108,8248000648, Mail : pentasoftwaretgode@gmail.com,
www.pentasoftprojects.com

www.senguarts.co.in
info@senguarts.co.in

COLLEGE : 04288 - 283545, 283575.
FAX : 04288 - 284344

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University, Salem and Approved by AICTE, New Delhi)
An ISO 9001:2008 Certified Institution
Recognized under section 2(f) and 12(B) of the UGC Act 1956 and Accredited by NAAC
TIRUCHENGODE - 637 205, NAMAKKAL DT, TAMILNADU.

Since 1991

Dr. S. RAVIKUMAR M.Sc., M.E., M.Phil., Ph.D.,
PRINCIPAL

Date: 10.08.2022

To

The Principal,
RD International School,
Karur Main Road,
Erode - 638 104.

Respected Sir / Madam,

Sub: Seeking permission for Internship Training - Reg.

As the part of Salem - Periyar University curriculum of I M.A. English, students Intenship Training is compulsory and They should be provided a real insight of working procedure in an Institution. Therefore, I kindly request you to grant us permission to get them trained in this School for two weeks (11th of August to 25th August, 2022)

In this regard, we are enclosing herewith the list of I. M.A. English students.

S.No.	Reg. No,	Roll. No.	Name
1.	C21PG127ENG001	21M3201	A. Durga Devi
2.	C21PG127ENG003	21M3203	S. Monisha

Thank You,

PRINCIPAL

Annexure-I

PERIYAR UNIVERSITY

INTERNSHIP TRAINING REPORT FORMAT

UG STUDENTS – 2nd YEAR – 4th SEMESTER VACATION

PG STUDENTS - 1 YEAR – 2nd SEMESTER VACATION

1.	Name of the Candidate	Durga devi A
2.	University Examination Registration Number	C21PG127ENG1001
3.	Name of the College	Senguntar Arts and Science college, Tiruchengode
4.	Name of the Department / Degree	M.A. English
5.	Name of the Industry / Institute in which for Internship Training Undergone	R A International School
6.	Guide / Supervisor under whom the training undertaken	Mrs. Nirmala Gowri
7.	Title of the Training	Internship Programme
8.	Brief output of training (not more than 2 pages) – Attach Annexure-I	Yes
9.	Conclusion	Punctual
10.	Outcome of the training	Good.

A. Durgadevi
Signature of the Student

Nirmala V.
Signature of the Guide

Gopalakrishnan
Head of the Department

R. Shankar
Principal
PRINCIPAL
RD International School
ERODE - 638 104.

Date:

A. Durgadevi - II MA English,

Sengunthar Arts and Science college ,

Tiruchengode.

Subject: Internship Report on Teaching Practice- reg.,

Respected Sir,

With due respect, it is my great contentment that I am submitting my internship report for your kind notice. It is one of the major and integral components of any professional course of study. This report is a short description of my 15 days of teaching practice. I, **A. Durgadevi Reg No: C21PG127ENG001, II M.A ENGLISH,** had my internship course during even semester. I took teaching field to teach students of higher studies. I had my teaching practice in **RD International School**, Erode, The students have cooperated well and they were much curious on learning. Their eagerness towards learning encouraged me to teach well. Moreover it helped me to develop my knowledge and teaching skills. Besides I voluntarily came to know the work procedures of a teacher and also I learnt how to maintain official records like attendance, report cards, mark register, log books etc., I provided good knowledge for the students as much as I can. I handled them poem and Basic Grammar. Through this I got a chance to enhance my knowledge upto the level of students. Now I got a hope that I too can be a

good Professor in future. I feel grateful to Periyar University for allotting this kind of internship. I can honestly state that my time spent in college was one of the best memories in my lifetime. Not only I gained practical skills but also got the opportunity to meet some fantastic students. I was able to handle the students, communicate well with them and it was a very good platform to improve my knowledge. Indeed, it is a better experience and evergreen memories for me. I sincerely convey my thanks to our staff and HoD for supporting me.



Sincerely Yours,

R D INTERNATIONAL SCHOOL

Building Competencies Beyond Classrooms

25.08.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **DURGA DEVI A Reg no: C21PG127ENG001** , a student of Master of Arts , Sengunthar Arts and Science college, Tiruchengode has successfully completed fifteen days (**from 11.08.2022 to 25.08.2022**) internship programme at this school, During the period of this internship programme with us she was found punctual hardworking and inguistive.

DURGA DEVI A , Possesses a good moral character and pleasing personality. We wish her every success in life and career.

With warm regards,

R. Shankar 25.08.2022

SHANKAR.R
PRINCIPAL

PRINCIPAL
RD International School
ERODE - 638 104.

RD International School ERODE 638 104

R D INTERNATIONAL SCHOOL

Building Competencies Beyond Classrooms

25.08.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **MONISHA S Reg no: C21PG127ENG003** , a student of Master of Arts , Sengunthar Arts and Science college, Tiruchengode has successfully completed fifteen days (**from 11.08.2022 to 25.08.2022**) internship programme at this school, During the period of this internship programme with us she was found punctual hardworking and inquisitive.

MONISHA S, Possesses a good moral character and pleasing personality.

We wish her every success in life and career.

With warm regards,

R. Shankar 25.08.2022

SHANKAR.R
PRINCIPAL

PRINCIPAL
RD International School
ERODE - 638 104

RD International School ERODE 638 104

ARULMIGU ARTHANAREESWARAR ARTS & SCIENCE COLLEGE

(Affiliated to Periyar University, Salem)

CHITTALANDUR-PO, TIRUCHENGODE-TK, NAMAKKAL-DT 637201

Email Id: aaascollege2021@gmail.com Phone: 04288-260333

Date: 25.08.2022

Ref: 2022-23/Internship/04

CERTIFICATE

This is to certify that **Miss. D. Kiranmai** (Reg.No: C21PG127ENG002), a student of I MA English, Sengunthar Arts and Science College, (Affiliated to Periyar University, Salem) has successfully completed her **Internship Programme** in **ARULMIGU ARTHANAREESWARAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE** for two weeks. (**11-08-2022 to 25-08-2022**)

During the period of her **Internship Programme** with us, she was found diligent, hardworking and inquisitive.

We wish success in her life and career.

HoD

Dr. E. THIRUMALAI RAJA
Assistant Professor & Head
Department of English
Arulmigu Arthanareeswarar Arts and Science College
Tiruchengode, Namakkal-Dt.-637 201

Principal i/c

PRINCIPAL,
Arulmigu Arthanareeshwarar
Arts and Science College,
Tiruchengode - Tk,
Namakkal District.

www.senguarts.co.in
info@senguarts.co.in

☎ COLLEGE : 04288 - 283545, 283575.
FAX : 04288 - 284344

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University, Salem and Approved by AICTE, New Delhi)
An ISO 9001:2008 Certified Institution
Recognized under section 2(f) and 12(B) of the UGC Act 1956 and Accredited by NAAC
TIRUCHENGODE - 637 205, NAMAKKAL DT, TAMILNADU.

Since 1991

Dr. S. RAVIKUMAR M.Sc., M.E., M.Phil., Ph.D.,
PRINCIPAL

Date: 10.08.2022

To

The Principal,
Arulmigu Arthanareeswarar Arts & Science College,
Tiruchengode(TK),
Namakkal(DT).

Respected Sir / Madam,

Sub: Seeking permission for Internship Training - Reg.

As the part of Salem - Periyar University curriculum of I M.A. English, students Intenship Training is compulsory and They should be provided a real insight of working procedure in an Institution. Therefore, I kindly request you to grant us permission to get them trained in this college for two weeks (11th of August to 25th August, 2022)

In this regard, we are enclosing herewith the list of I. M.A. English students.

S.No.	Reg. No,	Roll. No.	Name
1.	C21PG127ENG002	21M3202	D. Kiranmai
2.	C21PG127ENG004	21M3204	S. Nandhini

Thank You,

PRINCIPAL

INTERNSHIP TRAINING ATTENDANCE

ARULMIGU ARTHANAREESWARAR ARTS AND SCIENCE COLLEGE TIRUCHENGODE

INTERNSHIP TRAINING ATTENDENCE SHEET –

SENGUNTHAR ARTS AND SCIENCE COLLEGE - TIRUCHENGODE

S.NO.	NAME	Date	11.8.2022	12.8.2022	13.8.2022	14.8.2022	15.8.2022	16.8.2022	17.8.2022	18.8.2022	19.8.2022	20.8.2022	21.8.2022	22.8.2022	23.8.2022	24.8.2022	25.8.2022
			DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7	DAY 8	DAY 9	DAY 10	DAY 11	DAY 12	DAY 13	DAY 14	DAY 15
1.	D.KIRANMAI		X	X	SATURDAY	SUNDAY	INDEPENDENCE DAY	X	X	X	SRI KRISHNA JANMAHASTAMI	SATURDAY	SUNDAY	X	X	X	X
2.	S.NANDHINI		X	X				X	X	X				X	X	X	X
	STAFF SIGINATURE																

H.O.D SIGINATURE

Dr. E. THIRUMALAI RAJA M.A., M.Phil., B.Ed., Ph.D.
Assistant Professor & Head
Department of English
Arulmigu Arthanareeswarar Arts and Science College
Tiruchengode, Namakkal Dt., 637 209

PRINCIPAL SIGINATURE

PRINCIPAL,
Arulmigu Arthanareeshwarar
Arts and Science College,

Annexure-I

PERIYAR UNIVERSITY

INTERNSHIP TRAINING REPORT FORMAT

UG STUDENTS – 2nd YEAR – 4th SEMESTER VACATION

PG STUDENTS - 1 YEAR – 2nd SEMESTER VACATION

1.	Name of the Candidate	D. KIRANMAI
2.	University Examination Registration Number	C21PG127ENG002
3.	Name of the College	SENGUNTHAR ARTS AND SCIENCE COLLEGE.
4.	Name of the Department / Degree	DEPARTMENT OF ENGLISH
5.	Name of the Industry / Institute in which for Internship Training Undergone	ARULMIGU ARTHANAREESWARAR ARTS AND SCIENCE COLLEGE
6.	Guide / Supervisor under whom the training undertaken	DR. E. THIRUMALAI RAJA ASSISTANT PROFESSOR OF ENGLISH
7.	Title of the Training	INTERNSHIP TRAINING PROGRAM
8.	Brief output of training (not more than 2 pages) – Attach Annexure-I	YES
9.	Conclusion	SHE IS PUNCTUAL AND OBEDIENT.
10.	Outcome of the training	GOOD

D. Kiranmai
Signature of the Student

Signature of the Guide

Head of the Department

Dr. E. THIRUMALAI RAJA M.A., M.Phil., M.Ed., Ph.D.
Assistant Professor & Head
Department of English
Arulmigu Arthanareeswarar Arts and Science College
Tiruchengode, Namakkal-Dt. - 637 209

Principal
PRINCIPAL
Arulmigu Arthanareeshwarar
Arts and Science College,
Tiruchengode - Tk,
Namakkal District.

ARULMIGU ARTHANAREESWARAR ARTS & SCIENCE COLLEGE

(Affiliated to Periyar University, Salem)

CHITTALANDUR-PO, TIRUCHENGODE-TK, NAMAKKAL-DT 637201

Email Id: aaascollege2021@gmail.com Phone: 04288-260333

Date: 25.08.2022

Ref: 2022-23/Internship/04A

ATTENDANCE CERTIFICATE

This is to certify that **Miss. D. Kiranmai** (Reg.No: C21PG127ENG002), a student of I MA English, Sengunthar Arts and Science College, (Affiliated to Periyar University, Salem) has attended her **Internship Programme** in **ARULMIGU ARTHANAREESWARAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE** from **11-08-2022 to 25-08-2022**.

HoD

Dr. E. THIRUMALAI RAJA M.A., M.Phil., B.Ed., Ph.D.
Assistant Professor & Head
Department of English
Arulmigu Arthanareeswarar Arts and Science College
Tiruchengode, Namakkal-Dt. - 637 201

Principal I/C

PRINCIPAL,
Arulmigu Arthanareeshwarar
Arts and Science College,
Tiruchengode - Tk,
Namakkal District.

ARULMIGU ARTHANAREESWARAR ARTS & SCIENCE COLLEGE

(Affiliated to Periyar University, Salem)

CHITTALANDUR-PO, TIRUCHENGODE-TK, NAMAKKAL-DT 637201

Email Id: aaascollege2021@gmail.com Phone: 04288-260333

Date: 25.08.2022

Ref: 2022-23/Internship/05

CERTIFICATE

This is to certify that **Miss. S. Nandhini** (Reg.No: C21PG127ENG004), a student of I MA English, Sengunthar Arts and Science College, (Affiliated to Periyar University, Salem) has successfully completed her **Internship Programme** in **ARULMIGU ARTHANAREESWARAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE** for two weeks. (**11-08-2022 to 25-08-2022**)

During the period of her **Internship Programme** with us, she was found diligent, hardworking and inquisitive.

We wish success in her life and career.

HoD

Dr. E. THIRUMALAI RAJA M.A., M.Phil., B.Ed., Ph.D.
Assistant Professor & Head
Department of English
Arulmigu Arthanareeswarar Arts and Science College
Tiruchengode, Namakkal-Dt. - 637 201

Principal i/c

PRINCIPAL,
Arulmigu Arthanareeswarar
Arts and Science College,
Tiruchengode - Tk,
Namakkal District.

INTERNSHIP

TRAINING

ATTENDANCE

Annexure-I

PERIYAR UNIVERSITY

INTERNSHIP TRAINING REPORT FORMAT

UG STUDENTS – 2nd YEAR – 4th SEMESTER VACATION

PG STUDENTS - 1 YEAR – 2nd SEMESTER VACATION

1.	Name of the Candidate	NANDHINI .S
2.	University Examination Registration Number	C21PG127ENG004
3.	Name of the College	SENGUNTHAR ARTS AND SCIENCE COLLEGE
4.	Name of the Department / Degree	DEPARTMENT OF ENGLISH
5.	Name of the Industry / Institute in which for Internship Training Undergone	ARULMIGU ARTHANAREESWARAR ARTS AND SCIENCE COLLEGE
6.	Guide / Supervisor under whom the training undertaken	DR. E. THIRUMALAI RAJA ASSISTANT PROFESSOR OF ENGLISH
7.	Title of the Training	INTERNSHIP TRAINING PROGRAM
8.	Brief output of training (not more than 2 pages) – Attach Annexure-I	YES
9.	Conclusion	SHE IS PUNCTUAL AND OBEDIENT
10.	Outcome of the training	GOOD

S. Nandhini
Signature of the Student

Signature of the Guide

Head of the Department

Dr. E. THIRUMALAI RAJA M.A., M.Phil., B.Ed., Ph.D.
Assistant Professor & Head
Department of English
Arulmigu Arthanareeswarar Arts and Science College
Tiruchengode, Namakkal-Dt. - 637 209

Principal i/c

PRINCIPAL,
Arulmigu Arthanareeshwarar
Arts and Science College,
Tiruchengode - Tk,
Namakkal District.

ARULMIGU ARTHANAREESWARAR ARTS

AND SCIENCE COLLEGE

TIRUCHENGODE.

INTERNSHIP TRAINING ATTENDANCE - SHEET.

SENGUNTHAR ARTS AND SCIENCE COLLEGE - TIRUCHENGODE.

S.No	NAME	Date	11.8.2022	12.8.2022	13.8.2022	14.8.2022	15.8.2022	16.8.2022	17.8.2022	18.8.2022	19.8.2022	20.8.2022	21.8.2022	22.8.2022	23.8.2022	24.8.2022	25.8.2022
			DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7	DAY 8	DAY 9	DAY 10	DAY 11	DAY 12	DAY 13	DAY 14	DAY 15
1.	D. KIRANMAI.		X	X	SATURDAY	SUNDAY	INDEPENDENCE DAY	X	X	X	SRI KRISHNA JANMASTAMI	SATURDAY	SUNDAY	X	X	X	X
2.	S. NANDHINI.		X	X				X	X	X				X	X	X	X
	STAFF SIGNATURE																

25/8/22

H.O.D SIGNATURE

Dr. E. THIRUMALAI RAJA M.A., M.Phil., B.Ed., Ph.D.
Assistant Professor & Head
Department of English
Arulmigu Arthanareeswarar Arts and Science College
Tiruchengode, Namakkal - Dt. - 637 201

25/8/22

PRINCIPAL SIGNATURE.

PRINCIPAL,
Arulmigu Arthanareeswarar
Arts and Science College,
Tiruchengode - Tk,
Namakkal District.

ARULMIGU ARTHANAREESWARAR ARTS & SCIENCE COLLEGE

(Affiliated to Periyar University, Salem)

CHITTALANDUR-PO, TIRUCHENGODE-TK, NAMAKKAL-DT 637201

Email Id: aaascollege2021@gmail.com Phone: 04288-260333

Date: 25.08.2022

Ref: 2022-23/Internship/05A

ATTENDANCE CERTIFICATE

This is to certify that **Miss. S. Nandhini** (Reg.No: C21PG127ENG004), a student of I MA English, Sengunthar Arts and Science College, (Affiliated to Periyar University, Salem) has attended her **Internship Programme** in **ARULMIGU ARTHANAREESWARAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE** from **11-08-2022 to 25-08-2022**.

HoD

Dr. E. THIRUMALAI RAJA M.A., M.Phil., B.Ed., Ph.D.
Assistant Professor & Head
Department of English
Arulmigu Arthanareeswarar Arts and Science College
Tiruchengode, Namakkal-Dt. - 637 201

Principal i/c

PRINCIPAL,
Arulmigu Arthanareeshwarar
Arts and Science College,
Tiruchengode - Tk,
Namakkal District.

www.senguarts.co.in
info@senguarts.co.in

COLLEGE : 04288 - 283545, 283575.
FAX : 04288 - 284344

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TIRUCHENGODE - 637 205, NAMAKKAL DT, TAMILNADU.

Since 1991

Dr. S. RAVIKUMAR M.Sc., M.E., M.Phil., Ph.D.,
PRINCIPAL

Date: 10.08.2022

To

The Principal,
Loyola Matriculation School,
Ammapettai, Anthiyur (TK),
Erode - 638 311.

Respected Sir / Madam,

Sub: Seeking permission for Internship Training - Reg.

As the part of Salem - Periyar University curriculum of I M.A. English, students Intenship Training is compulsory and They should be provided a real insight of working procedure in an Institution. Therefore, I kindly request you to grant us permission to get them trained in this School for two weeks (11th of August to 25th August, 2022)

In this regard, we are enclosing herewith the list of I. M.A. English student.

S.No.	Reg. No,	Roll. No.	Name
1.	C21PG127ENG005	21M3205	G. Pavithra

Thank You,

PRINCIPAL

Annexure-I

PERIYAR UNIVERSITY

INTERNSHIP TRAINING REPORT FORMAT

UG STUDENTS – 2nd YEAR – 4th SEMESTER VACATION

PG STUDENTS - 1 YEAR – 2nd SEMESTER VACATION

1.	Name of the Candidate	Pavithra. G
2.	University Examination Registration Number	C21PG12TEN01005
3.	Name of the College	Sengunthar Arts & Science College, Tiruchengode
4.	Name of the Department / Degree	M.A. English
5.	Name of the Industry / Institute in which for Internship Training Undergone	Loyola Matriculation School - Ammapettai
6.	Guide / Supervisor under whom the training undertaken	L. Gnanapushpam
7.	Title of the Training	Internship Programme
8.	Brief output of training (not more than 2 pages) – Attach Annexure-I	Yes
9.	Conclusion	Punctual
10.	Outcome of the training	V. Good

Signature of the Student

L. Gnanapushpam
Signature of the Guide

Head of the Department

Principal

PRINCIPAL
LOYOLA MATRICULATION SCHOOL
AMMAPETTAI, ANTHIYUR TALUK,

LOYOLA MATRICULATION SCHOOL

AMMAPETTAI - 638 311.
ANTHIYUR TALUK, ERODE DIST.
Ph: 04256-227079, Cell: 97503 25555
e-mail: loyolaammapet@gmail.com

Date: 25.08.2022

TO WHOMSEVER IT MY CONCERN

This is to certify that **PAVITHRA G Reg no:C21PG127ENG005,** a student of Master of Arts , Sengunthar Arts and Science College, Tiruchengode has successfully completed fifteen days (from 11.08.2022 to 25.08.2022)internship programme at this school, During the period of this internship programme with us she was found punctual hardworking and inquisitive.

PAVITHRA G , Possesses a good moral character and pleasing personality. We wish her every success in her life and career.

With warm regards,

K. Angesh 25/8/22

Dr . ANGESH K

CORRESPONDENT

LOYOLA MATRICULATION SCHOOL
AMMAPETTAI - 638 311.

Date:

G. Pavithra - II MA English,

Sengunthar Arts and Science college ,

Tiruchengode.

Subject: Internship Report on Teaching Practice- reg.,

Respected Sir,

With due respect, it is my great contentment that I am submitting my internship report for your kind notice. It is one of the major and integral components of any professional course of study. This report is a short description of my 15 days of teaching practice. **,G. Pavithra Reg No: C21PG127ENG005, II M.A ENGLISH,** had my internship course during even semester. I took teaching field to teach students of higher studies. I had my teaching practice in **Loyola Matriculation School**, Ammapettai, Erode, The students have cooperated well and they were much curious on learning. Their eagerness towards learning encouraged me to teach well. Moreover it helped me to develop my knowledge and teaching skills. Besides I voluntarily came to know the work procedures of a teacher and also I learnt how to maintain official records like attendance, report cards, mark register, log books etc., I provided good knowledge for the students as much as I can. I handled them poem and Basic Grammar. Through this I got a chance to enhance my knowledge upto the level of students. Now I got a hope that

I too can be a good Professor in future. I feel grateful to Periyar University for allotting this kind of internship. I can honestly state that my time spent in college was one of the best memories in my lifetime. Not only I gained practical skills but also got the opportunity to meet some fantastic students. I was able to handle the students, communicate well with them and it was a very good platform to improve my knowledge. Indeed, it is a better experience and evergreen memories for me. I sincerely convey my thanks to our staff and HoD for supporting me.

Sincerely Yours,

Since 1991

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BSCIC ISO 9001 REGISTERED

Department of Computer Science

Internship Name List-2022-2023-B.Sc(Computer Science)

S.NO	Reg.no	Student name	Title of the Project	Title of the company	Guide Name
1.	C21UG127CSC001	ARJUNAN K	Webdesigning	IDM Techpark	Mr.V.Balasubramaniyam
2.	C21UG127CSC002	ARULKUMARAN M	Python	Live Wire	Mr.V.Balasubramaniyam
3.	C21UG127CSC003	BALAJI T	Python	Live Wire	Mr.V.Balasubramaniyam
4.	C21UG127CSC004	DHANUSHKUMAR L	Python	Live Wire	Mr.V.Balasubramaniyam
5.	C21UG127CSC005	DHARANIDHARAN M	Python	Live Wire	Mr.V.Balasubramaniyam
6.	C21UG127CSC006	DINESH R	Python	Live Wire	Mr.V.Balasubramaniyam
7.	C21UG127CSC007	GOWTHAM M	Python	Live Wire	Mr.V.Balasubramaniyam
8.	C21UG127CSC008	GOWTHAM S	Python	Live Wire	Mr.V.Balasubramaniyam
9.	C21UG127CSC009	JANARANJAN M	Python	Live Wire	Mr.V.Balasubramaniyam
10.	C21UG127CSC010	JEEVA G	Python	Live Wire	Mr.V.Balasubramaniyam
11.	C21UG127CSC011	JEGANKUMAR S	Python	Live Wire	Mr.V.Balasubramaniyam
12.	C21UG127CSC012	JITHIN K	Python	Live Wire	Mr.V.Balasubramaniyam
13.	C21UG127CSC013	KAMALESH S	Python	Live Wire	Mr.V.Balasubramaniyam
14.	C21UG127CSC014	LOGESHWARAN E	Python	Live Wire	Mr.V.Balasubramaniyam
15.	C21UG127CSC015	LOKESH KUMAR M	Python	Live Wire	Mr.V.Balasubramaniyam
16.	C21UG127CSC016	MADHANRAJ K	Python	Live Wire	Mr.V.Balasubramaniyam
17.	C21UG127CSC017	MANOJKUMAR D	Python	Live Wire	Mr.V.Balasubramaniyam
19.	C21UG127CSC019	MUTHUKUMAR S	Python	Live Wire	Mr.V.Balasubramaniyam
20.	C21UG127CSC020	NATHIVARMAN R	Python	Live Wire	Mr.V.Balasubramaniyam
21.	C21UG127CSC021	NAVEENKUMAR V	Python	Live Wire	Mr.V.Balasubramaniyam
22.	C21UG127CSC022	NAVEENRAJ R	Python	Live Wire	Mr.V.Balasubramaniyam
23.	C21UG127CSC023	SANJAY S	Webdesigning	IDM Techpark	Mr.V.Balasubramaniyam
24.	C21UG127CSC024	SARAVANAN M	Python	Live Wire	Mr.V.Balasubramaniyam
26.	C21UG127CSC026	VINOTH P	Python	Live Wire	Mr.V.Balasubramaniyam
27.	C21UG127CSC027	VISHAL R S	Python	Live Wire	Mr.V.Balasubramaniyam
29.	C21UG127CSC029	HARINI G	Webdesigning	IDM Techpark	Mr.V.Balasubramaniyam
30.	C21UG127CSC030	KIRUTHIKA M	Webdesigning	IDM Techpark	Mr.V.Balasubramaniyam
31.	C21UG127CSC031	MALLIGA R	Webdesigning	IDM Techpark	Mr.V.Balasubramaniyam
32.	C21UG127CSC032	MOUSSIYA S	Python	Live Wire	Mr.V.Balasubramaniyam
33.	C21UG127CSC033	MYTHILIPRIYA S	Webdesigning	IDM Techpark	Mr.V.Balasubramaniyam
34.	C21UG127CSC034	PAVITHRA S	Webdesigning	IDM Techpark	Mr.V.Balasubramaniyam
35.	C21UG127CSC035	PRIYADHARSHINI S	Webdesigning	IDM Techpark	Mr.V.Balasubramaniyam
36.	C21UG127CSC036	SANTHIYA A	Webdesigning	IDM Techpark	Mr.V.Balasubramaniyam
37.	C21UG127CSC037	SELVI S	Webdesigning	IDM Techpark	Mr.V.Balasubramaniyam
38.	C21UG127CSC038	THAYA K	Python	Live Wire	Mr.V.Balasubramaniyam
39.	C21UG127CSC039	UMAMAHESWARI J	Webdesigning	IDM Techpark	Mr.V.Balasubramaniyam
40.	C21UG127CSC040	VANMATHI B	Webdesigning	IDM Techpark	Mr.V.Balasubramaniyam

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Department of Computer Science

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S.NO	Reg.no	Student name	Title of the Project	Title of the company	Guide Name
1.	C21UG127CAP001	BOOPATHI J	Python	Live Wire	Mr.A.Shakespear
2.	C21UG127CAP002	DHINAKARAN R	Python	Live Wire	Mr.A.Shakespear
3.	C21UG127CAP003	GOKULRAJ D	Python	Live Wire	Mr.A.Shakespear
4.	C21UG127CAP004	GUGAN P	Python	Live Wire	Mr.A.Shakespear
5.	C21UG127CAP006	KAVIN A	Python	Live Wire	Mr.A.Shakespear
6.	C21UG127CAP007	MADHAN RAJ K	Python	Live Wire	Mr.A.Shakespear
7.	C21UG127CAP008	MOHANKUMAR K	Webdesigning	IDM Techpark	Mr.A.Shakespear
8.	C21UG127CAP009	NISATH M	Webdesigning	IDM Techpark	Mr.A.Shakespear
9.	C21UG127CAP010	PARTHIBAN R	Python	Live Wire	Mr.A.Shakespear
10.	C21UG127CAP011	RAMESH V	Python	Live Wire	Mr.A.Shakespear
11.	C21UG127CAP012	RANJITH M	Webdesigning	IDM Techpark	Mr.A.Shakespear
12.	C21UG127CAP013	RANJITHKUMAR V	Python	Live Wire	Mr.A.Shakespear
13.	C21UG127CAP014	SAKTHISANKAR M	Python	Live Wire	Mr.A.Shakespear
14.	C21UG127CAP015	SUKESH S	Python	Live Wire	Mr.A.Shakespear
15.	C21UG127CAP016	BHUVANESHWARI G	Webdesigning	IDM Techpark	Mr.A.Shakespear
16.	C21UG127CAP017	BRINDHA S	Webdesigning	IDM Techpark	Mr.A.Shakespear
17.	C21UG127CAP018	DEVI N	Webdesigning	IDM Techpark	Mr.A.Shakespear
18.	C21UG127CAP019	DHANUSRI T	Webdesigning	IDM Techpark	Mr.A.Shakespear
19.	C21UG127CAP020	KIRUTHIKA L	Webdesigning	IDM Techpark	Mr.A.Shakespear
20.	C21UG127CAP021	PRIYADHARSHINI D	Webdesigning	IDM Techpark	Mr.A.Shakespear
21.	C21UG127CAP022	RAMYA C	Webdesigning	IDM Techpark	Mr.A.Shakespear
22.	C21UG127CAP023	THANGAMANI M	Python	Live Wire	Mr.A.Shakespear

H. O. D.

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certificate of completion

Internship Certification

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ARJUNAN K II - BSC (CS)

SENGUNTHAR ARTS AND SCIENCE COLLEGE - TIRUCHENGODE

has successfully completed their Internship Training on **WEB DESIGNING** using HTML CSS and PHP in our concern from 20.06.2023 to 05.07.2023.During the training period the performance of the trainee was found to be good.

MANAGING DIRECTOR

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Certificate of Internship

This is to certify that

Mr/Ms M. ARULKUMARAN

Has successfully completed internship on

Python Programming

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SENGUNTHAR ARTS AND SCIENCE COLLEGE - TIRUCHENGODE

has successfully completed their Internship Training on **WEB DESIGNING** using HTML CSS and PHP in our concern from 20.06.2023 to 05.07.2023.During the training period the performance of the trainee was found to be good.

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Mr/Ms VISHAL R.S

Has successfully completed internship on

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KIRUTHIKA M II - BSC (CS)

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This is to certify that

Mr/Ms S. MOUSSIYA

Has successfully completed internship on

Python Programming

From 20th June 2023 to 10th July 2023 organised

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LIVEWIRE THIRUCHENGODE

CENTRE HEAD

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PRIYADHARSHINI S II - BSC (CS)

SENGUNTHAR ARTS AND SCIENCE COLLEGE - TIRUCHENGODE

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MANAGING DIRECTOR

M. Kiruthi
ADMINISTRATIVE HEAD



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Certificate of Internship

This is to certify that

Mr/Ms **K. THAYA**

Has successfully completed internship on

Python Programming

From **20th June 2023** to **10th July 2023** organised

at Livewire Training Services Pvt Ltd , Thiruchengode.



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UMAMAHESWARI J II - BSC (CS)

SENGUNTHAR ARTS AND SCIENCE COLLEGE - TIRUCHENGODE

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This is to Certify That

VANMATHI B II - BSC (CS)

SENGUNTHAR ARTS AND SCIENCE COLLEGE - TIRUCHENGODE

has successfully completed their Internship Training on WEB DESIGNING using HTML CSS and PHP in our concern from 20.06.2023 to 05.07.2023.During the training period the performance of the trainee was found to be good.

MANAGING DIRECTOR

M. Kiruthi
ADMINISTRATIVE HEAD

IDM TECHPARK
GUIDE'S FOR A PERFECT CAREER PATHWAY
www.idmtechpark.com

Certificate of Internship

This is to certify that

Mr/Ms P. VARSHINI

Has successfully completed internship on

Python Programming

From **20th June 2023** to **10th July 2023** organised

at Livewire Training Services Pvt Ltd , Thiruchengode.



CENTRE HEAD

LIVEWire™
FOR LIVE CAREERS

Office :
2nd floor, Marappa Gounder Plaza,West Car Street,Thiruchengode,
Namakkal-637211, India.

certificate of completion

Internship Certification

This is to Certify That

VIDYAVASHINI K II - BSC (CS)

SENGUNTHAR ARTS AND SCIENCE COLLEGE - TIRUCHENGODE

has successfully completed their Internship Training on WEB DESIGNING using HTML CSS and PHP in our concern from 20.06.2023 to 05.07.2023.During the training period the performance of the trainee was found to be good.

MANAGING DIRECTOR

ADMINISTRATIVE HEAD

IDM TECHPARK
GUIDE'S FOR A PERFECT CAREER PATHWAY

www.idmtechpark.com

certificate of completion

Internship Certification

This is to Certify That

VIJAYADHARSHINI S II - BSC (CS)

SENGUNTHAR ARTS AND SCIENCE COLLEGE - TIRUCHENGODE

has successfully completed their Internship Training on WEB DESIGNING using HTML CSS and PHP in our concern from 20.06.2023 to 05.07.2023.During the training period the performance of the trainee was found to be good.

MANAGING DIRECTOR

M. Kiruthi
ADMINISTRATIVE HEAD

IDM TECHPARK
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www.idmtechpark.com

Certificate of Internship

This is to certify that

Mr/Ms J. BOOPATHI

Has successfully completed internship on

Python Programming

From 20th June 2023 to 10th July 2023 organised

at Livewire Training Services Pvt Ltd , Thiruchengode.

LIVEWIRE TRICHEMODE

P.

CENTRE HEAD

LIVEWIRE™
FOR LIVE CAREERS

Office :
2nd floor, Marappa Gounder Plaza,West Car Street,Thiruchengode,
Namakkal-637211, India.

Certificate of Internship

This is to certify that

Mr/Ms R.DHINAKARAN

Has successfully completed internship on

Python Programming

From 20th June 2023 to 10th July 2023 organised

at Livewire Training Services Pvt Ltd , Thiruchengode.

P. R.

CENTRE HEAD

LIVEWIRE THIRUCHENGODE

LIVEWIRE™
FOR LIVE CAREERS

Office :
2nd floor, Marappa Gounder Plaza,West Car Street,Thiruchengode,
Namakkal-637211, India.

Certificate of Internship

This is to certify that

Mr/Ms D. GOKULRAJ

Has successfully completed internship on

Python Programming

From 20th June 2023 to 10th July 2023 organised

at Livewire Training Services Pvt Ltd , Thiruchengode.

LIVEWIRE

P.

CENTRE HEAD

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FOR LIVE CAREERS

Office :
2nd floor, Marappa Gounder Plaza,West Car Street,Thiruchengode,
Namakkal-637211, India.

Certificate of Internship

This is to certify that

Mr/Ms P. GUGAN

Has successfully completed internship on

Python Programming

From 20th June 2023 to 10th July 2023 organised

at Livewire Training Services Pvt Ltd , Thiruchengode.

P. [signature]

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LIVEWIRE™
FOR LIVE CAREERS

Office :
2nd floor, Marappa Gounder Plaza,West Car Street,Thiruchengode,
Namakkal-637211, India.

Certificate of Internship

This is to certify that

Mr/Ms A. KAVIN

Has successfully completed internship on

Python Programming

From **20th June 2023** to **10th July 2023** organised

at Livewire Training Services Pvt Ltd , Thiruchengode.

P.

CENTRE HEAD

LIVEWIRE THIRUCHENGODE

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Office :
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Namakkal-637211, India.

Certificate of Internship

This is to certify that

Mr/Ms K.MADHAN RAJ

Has successfully completed internship on

Python Programming

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at Livewire Training Services Pvt Ltd , Thiruchengode.

CENTRE HEAD

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TIRUCHENGODE

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FOR LIVE CAREERS

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certificate of completion

Internship Certification

This is to Certify That

MOHANKUMAR K II - BCA

SENGUNTHAR ARTS AND SCIENCE COLLEGE - TIRUCHENGODE

has successfully completed their Internship Training on WEB DESIGNING using HTML CSS and PHP in our concern from 20.06.2023 to 05.07.2023.During the training period the performance of the trainee was found to be good.

MANAGING DIRECTOR

M. Kowsalya
ADMINISTRATIVE HEAD

IDM TECHPARK
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www.idmtechpark.com

certificate of completion

Internship Certification

This is to Certify That

NISATH M II - BCA

SENGUNTHAR ARTS AND SCIENCE COLLEGE - TIRUCHENGODE

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MANAGING DIRECTOR

ADMINISTRATIVE HEAD

IDM TECHPARK
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www.idmtechpark.com

Certificate of Internship

This is to certify that

Mr/Ms R. PARTHIBAN

Has successfully completed internship on

Python Programming

From 20th June 2023 to 10th July 2023 organised

at Livewire Training Services Pvt Ltd , Thiruchengode.

LIVEWIRE TIRUCHENGODE

CENTRE HEAD

LIVEWIRE™
FOR LIVE CAREERS

Office :
2nd floor, Marappa Gounder Plaza,West Car Street,Thiruchengode,
Namakkal-637211, India.

Certificate of Internship

This is to certify that

Mr/Ms V. RAMESH

Has successfully completed internship on

Python Programming

From 20th June 2023 to 10th July 2023 organised

at Livewire Training Services Pvt Ltd , Thiruchengode.

P. [signature]

CENTRE HEAD

LIVEWIRE TIRUCHENGODE

LIVEWIRE™
FOR LIVE CAREERS

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Namakkal-637211, India.

certificate of completion

Internship Certification

This is to Certify That

RANJITH M II - BCA

SENGUNTHAR ARTS AND SCIENCE COLLEGE - TIRUCHENGODE

has successfully completed their Internship Training on **WEB DESIGNING** using HTML CSS and PHP in our concern from 20.06.2023 to 05.07.2023.During the training period the performance of the trainee was found to be good.

MANAGING DIRECTOR

M. Karuthi
ADMINISTRATIVE HEAD

IDM TECHPARK
GUIDE'S FOR A PERFECT CAREER PATHWAY

www.idmtechpark.com



Certificate of Internship

This is to certify that

Mr/Ms V. RANJITHKUMAR

Has successfully completed internship on

Python Programming

From 20th June 2023 to 10th July 2023 organised

at Livewire Training Services Pvt Ltd , Thiruchengode.

CENTRE HEAD

LIVEWIRE™
FOR LIVE CAREERS

Office :
2nd floor, Marappa Gounder Plaza,West Car Street,Thiruchengode,
Namakkal-637211, India.

Certificate of Internship

This is to certify that

Mr/Ms SAKTHI SANKAR . M

Has successfully completed internship on

Python Programming

From 20th June 2023 to 10th July 2023 organised

at Livewire Training Services Pvt Ltd , Thiruchengode.

CENTRE HEAD

LIVEWIRE™
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Office :
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Namakkal-637211, India.

Certificate of Internship

This is to certify that

Mr/Ms S. SUKESH

Has successfully completed internship on

Python Programming

From 20th June 2023 to 10th July 2023 organised

at Livewire Training Services Pvt Ltd , Thiruchengode.

CENTRE HEAD

LIVEWIRE™
FOR LIVE CAREERS

Office :
2nd floor, Marappa Gounder Plaza,West Car Street,Thiruchengode,
Namakkal-637211, India.

certificate of completion

Internship Certification

This is to Certify That

BHUVANESHWARI G II - BCA

SENGUNTHAR ARTS AND SCIENCE COLLEGE - TIRUCHENGODE

has successfully completed their Internship Training on **WEB DESIGNING** using HTML CSS and PHP in our concern from 20.06.2023 to 05.07.2023.During the training period the performance of the trainee was found to be good.

MANAGING DIRECTOR

M. Karthi
ADMINISTRATIVE HEAD

IDM TECHPARK
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www.idmtechpark.com

certificate of completion

Internship Certification

This is to Certify That

BRINDHA S II - BCA

SENGUNTHAR ARTS AND SCIENCE COLLEGE - TIRUCHENGODE

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MANAGING DIRECTOR

ADMINISTRATIVE HEAD

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certificate of completion

Internship Certification

This is to Certify That

DEVI N II - BCA

SENGUNTHAR ARTS AND SCIENCE COLLEGE - TIRUCHENGODE

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IDM TECHPARK

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certificate of completion

Internship Certification

This is to Certify That

DHANUSRI T II - BCA

SENGUNTHAR ARTS AND SCIENCE COLLEGE - TIRUCHENGODE

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MANAGING DIRECTOR

ADMINISTRATIVE HEAD

IDM TECHPARK

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certificate of completion

Internship Certification

This is to Certify That

KIRUTHIKA L II - BCA

SENGUNTHAR ARTS AND SCIENCE COLLEGE - TIRUCHENGODE

has successfully completed their Internship Training on WEB DESIGNING using HTML CSS and PHP in our concern from 20.06.2023 to 05.07.2023.During the training period the performance of the trainee was found to be good.

MANAGING DIRECTOR

M. Kiruthi
ADMINISTRATIVE HEAD

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certificate of completion

Internship Certification

This is to Certify That

PRIYADHARSHINI D II - BCA

SENGUNTHAR ARTS AND SCIENCE COLLEGE - TIRUCHENGODE

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ADMINISTRATIVE HEAD

IDM TECHPARK

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www.idmtechpark.com

certificate of completion

Internship Certification

This is to Certify That

RAMYA C II - BCA

SENGUNTHAR ARTS AND SCIENCE COLLEGE - TIRUCHENGODE

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MANAGING DIRECTOR

M. Kiruthi
ADMINISTRATIVE HEAD

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Certificate of Internship

This is to certify that

Mr/Ms M. THANGAMANI

Has successfully completed internship on

Python Programming

From 20th June 2023 to 10th July 2023 organised

at Livewire Training Services Pvt Ltd , Thiruchengode.

CENTRE HEAD

LIVEWIRE™
FOR LIVE CAREERS

Office :
2nd floor, Marappa Gounder Plaza,West Car Street,Thiruchengode,
Namakkal-637211, India.

PERMISISSION LETTER

From

I BCOM A & B Students.

Department of Commerce.

Sengunthar Arts and Science College.

Tiruchengode - 637205

To

The Principal.

Sengunthar Arts and Science College.

Tiruchengode – 637 205

Respected Sir.

Sub: Seeking permission for Industrial Visit-Reg.

As we wish to go for an industrial visit to Ooty, organized by our Department of Commerce. We kindly request you to permit for the same on the following dates (27.05.2022) one day only.

Thanking you.

Yours Obediently.
I BCOM Students
1. V. Leela Prasanth
2. Shanthika
3. P. Gavishara
4. G. [illegible]

Place: Tiruchengode
Date: 25.05.2022

Encl: 1.Program Schedule
2.List of Students

H.O.D

PRINCIPAL

PROGRAM SCHEDULE

26.05.2022 (THURSDAY) Starting from our college (11.00 P.M)

S.No.	DATE &DAY	PLACE
1	27.05.2022 (Friday)	1. Benchmark Tea Exploration Factory 2. Monkey Falls 3. Pottanical Garden 4. Doddapetta 5. Dhyandingam

28.05.2022 (SATURDAY) Morning (6.00 am) arrival

H.O.D

PRINCIPAL

BUS DETAILS

Transport Name	SKT Transport
Registration Number	TN 34 T 4747

Owner Details:	
Name	**Alamurugan**
Place	**Tiruchengodu**
Phone Number	**9942787373**

Driver Details	
Name	**Senthil**
Phone Number	**9345299635**

Incharge	
Name	**Naveen**
Phone Number	**8825887269**

Staff Accompanying			
S. No.	**Name of the Faculty**	**Mobile Number**	**Signature**
1	Dr. S. Kamaladevi	9943024082	
2	Mr. P. Elayaraja	8300124613	

H.O.D

PRINCIPAL

Re: To apply for industrial visit - Reg.

1 message

KamalChellaiah <kamaldev@gmail.com>
To: dtfstock@gmail.com

Tue, May 24, 2022 at 18:08

Respected Sir/Madam,

I am Dr S Kamaladevi from Sengunthar Arts and Science College, Department of Commerce, Tiruchengode. Our students need to know and get the practical knowledge in industrial area. So we kindly request you to give permission us and get approval from the industry on 30th May 2022 10.00 a.m.

Thanks You.

With Regards,

Dr. S.Kamaladevi,
Assistant Professor of Commerce,
Sengunthar Arts and Science College,
Tiruchengode - 637 205
Mobile - 9943024082
E-mail kamaldev@gmail.com

25/5/22

Phone : 7667067374
Email :uthusharajesh@gmail.com

BENCHMARK TEA EXPLORATORIUM

4/922, Sinclairs Road, Mel Kodappamund, Ooty - 643002

Date 25/5/22

Respected Madam/Sir,

With the reference to your mail dated 25/05/2022, We are very happy to welcome you to the most unique Tea Factory Benchmark which process four varieties and this process is unique which any could do get only in one place in India, or elsewhere in china.

Our tea factory is situated with Tea garden & Chocolate factory where everything is under one roof.

Taste varieties of Tea know varieties in Tea, Become a tea enthusiast and we would provide **6 VARITIES OF TEA TASTING ,CHOCOLATE BAR , INDIVIDUAL CERTIFICATE** to every student individually.

ENTRY CHARGES =Rs 42.5 + 18% GST = 50

Programmed Dated on : May 27th 2022

College : SENGUNTHAR ARTS AND SEIENCE COLLEGE,TIRUCHENGODE

(60 Students ,2 Staffs)

AC/NO : 39644207631

IFSC CODE : SBIN0000891

BANK NAME : BENCHMARK TEA EXPLORATORIUM

BANK : STATE BANK OF INDIA

Thanking You,

Yours Management

BENCHMARK TEA EXPLORATORIUM

25/5/22

LIST OF STUDENTS

I BCOM A & B

S. No.	Class	Roll No.	Name of the Student
1	I BCOM A	21BA201	ARULKUMAR M
2		21BA202	ASWIN P A
3		21BA203	BHARATHI K
4		21BA204	DHARANIKUMAR T
5		21BA206	DINESH S
6		21BA207	GAVISVARA P
7		21BA209	GUNASEELAN S
8		21BA210	JANARTHANAN Y
9		21BA211	KARTHIKEYAN V
10		21BA212	KAVIN K
11		21BA213	KESAVAHARIHARAN S
12		21BA215	LEELA PRASANTH V
13		21BA216	LOGANATHAN P
14		21BA217	NARESHKUMAR S
15		21BA218	NAVEEN V
16		21BA219	NAVINKUMAR P
17		21BA220	RABIN A
18		21BA221	SAKTHIVEL V
19		21BA222	SANJAY M
20		21BA224	SATHISH S
21		21BA225	SUNDHARRAJ D
22		21BA227	TAMILVANAN R
23		21BA228	VIGNESHWARAN R
24		21BA229	VIJAYANAND P
25		21BA230	VISHAL M D
26		21BA231	YESWANTHRAJ M
27		21BA232	ABISRE S B
28		21BA233	ANITHA S
29		21BA234	BOOMATHI M
30		21BA236	DHARSHINI A
31		21BA240	MONIKA M
32		21BA242	OVIYA G
33		21BA243	PAVITHRA S
34		21BA244	PAVITHRADEVI S
35		21BA245	PERIYANAYAKI M
36		21BA246	POORANI A
37		21BA247	PREETHI V
38		21BA248	SAKTHIKA S
39		21BA250	SENBAGAPRIYA M
40		21BA251	SNEKA K
41		21BA252	SOWMIYA S
42		21BA253	SREEJHA M

S. No.	Class	Roll No.	Name of the Student
43		21BBA254	SRI HARINI S
44		21BBA255	SRIMATHI A
45		21BBA259	THENMOZHI G
46		21BBA260	VIDHYA BHARATHI G
47	I BCOM B	21BBB201	DINESH S
48		21BBB202	GUNASEKAR D
49		21BBB203	KESAVAN D
50		21BBB204	NANDHAKUMAR G
51		21BBB205	PRASANTH A
52		21BBB206	SARUN K
53		21BBB207	BONISHA V
54		21BBB208	DEEPIKA K
55		21BBB209	KALAIYARASI M
56		21BBB210	KIRUTHIKA S
57		21BBB211	SANTHIYA R

H.O.D

PRINCIPAL

LIST OF STUDENTS

I BCOM A & B

S. No.	Roll No.	Name of the Student	Mobile Number	Signature
1	21BA201	ARULKUMAR M	8778797856	Arulkumar.
2	21BA202	ASWIN P A	9940924093	ASWIN P A.
3	21BA204	DHARANIKUMAR T	7708541140	Dharanikumar
4	21BA206	DINESH S	6382638641	Dinesh
5	21BA207	GAVISVARA P	9942105817	P Gavisvara
6	21BA209	GUNASEELAN S	9361193684	S [illegible]
7	21BA210	JANARTHANAN Y	9944068618	Y. J.
8	21BA211	KARTHIKEYAN V	7603810023	V. Karthikeyan
9	21BA212	KAVIN K	6379770616	K. Kavin
10	21BA213	KESAVAHARIHARAN S	9042955562	S. Kesavahariharan.
11	21BA215	LEELA PRASANTH V	9940928185	V. Leela Prasanth.
12	21BA216	LOGANATHAN P	9629610469	P Loganathan.
13	21BA217	NARESHKUMAR S	8754990124	S. [illegible]
14	21BA218	NAVEEN V	9629815575	[illegible]
15	21BA219	NAVINKUMAR P	8524997214	P. Navinkumar
16	21BA220	RABIN A	6382910521	Rabin
17	21BA221	SAKTHIVEL V	6382820124	V. Sakthivel
18	21BA222	SANJAY M	8925173194	M Sanjay
19	21BA224	SATHISH S	9095704130	S. Sathish
20	21BA225	SUNDHARRAJ D	9344934718	D Sundharraj
21	21BA227	TAMILVANAN R	6385540290	R. Tamilvanan
22	21BA228	VIGNESHWARAN R	9344204985	R. Vigneshwaran
23	21BA229	VIJAYANAND P	9344695421	Vijayanand
24	21BA230	VISHAL M D	9597144899	Vishal M.D.
25	21BA231	YESWANTHRAJ M	9789724622	yeswanthraj
26	21BA232	ABISRE S B	6974524256	S.B. Abisre.
27	21BA233	ANITHA S	8012081138	S Anitha.
28	21BA234	BOOMATHI M	6381985727	M. Boomathi
29	21BA203	BHARATH.K	8610728143	K. Bharath
30	21BA236	DHARSHINI A	6383966702	A. Dharshini
31	21BA240	MONIKA M	7358385700	M. Monika
32	21BA242	OVIYA G	9677968023	G. Oviya
33	21BA243	PAVITHRA S	8220127143	S. Pavithra
34	21BA244	PAVITHRADEVI S	6381203951	S. Pavithra Devi
35	21BA245	PERIYANAYAKI M	9361141851	M. Periyanayaki
36	21BA246	POORANI A	9500854078	A. Poorani
37	21BA247	PREETHI V	8807691173	Preethi. V
38	21BA248	SAKTHIKA S	9789716192	Sakthika S
39	21BA250	SENBAGAPRIYA M	8608917713	M. Senbagapriya
40	21BA251	SNEKA K	9976840105	K. Sneka
41	21BA252	SOWMIYA S	9750051676	S Sowmiya
42	21BA253	SREEJHA M	9789181819	Sreejha M





CERTIFICATE

S. No.	Roll No.	Name of the Student	Mobile Number	Signature
43	21BA254	SRI HARINI S	9095321127	S. Sri Harini
44	21BA255	SRIMATHI A	7708852577	A. Srimathi
45	21BA259	THENMOZHI G	6374462616	Thenmozhi G
46	21BA260	VIDHYA BHARATHI G	9789217011	G. Vidhya Bharathi
47	21BB201	DINESH S	7540046914	S. Dinesh
48	21BB202	GUNASEKAR D	9962762575	Gunasekar D
49	21BB203	KESAVAN D	6380043216	D. Kesavan
50	21BB204	NANDHAKUMAR G	9344582963	G. Nandhakumar
51	21BB205	PRASANTH A	9488618705	A. Prasanth
52	21BB206	SARUN K	6379009548	K. Sarun
53	21BB207	BONISHA V	6374445181	V. Bonisha
54	21BB208	DEEPIKA K	9788904041	K. Deepika
55	21BB209	KALAIYARASI M	8344467259	M. Kalaiyarasi
56	21BB210	KIRUTHIKA S	6380249790	S. Kiruthika
57	21BB211	SANTHIYA R	9344408719	R. Santhiya

P.U. Mythili 25/07/2022
H.O.D

PRINCIPAL

BENCHMARK

TEA FACTORY

Bench Mark, Melkodupmund, Ooty, The Nilgiris
E mail benchmarkfeedback rd@gmail.com

CERTIFICATE

This is to Certify that

Mr / Master / Miss / Mrs. ARUL KUMAR.M., I B.Com

Has Visited **BENCH MARK TEA FACTORY**

and Learnt Tea Processing & Tasting



For Bench mark Tea Factory

Date :

Signature

BENCHMARK

TEA FACTORY

Bench Mark, Melkodupmund, Ooty, The Nilgiris
E mail: benchmarkfeedback rd@gmail.com

CERTIFICATE

This is to Certify that

Mr / Master / Miss / Mrs. KALAIYARASI.M, I B.Com

Has Visited **BENCH MARK TEA FACTORY**

and Learnt Tea Processing & Tasting



For Bench mark Tea Factory

Date :

Signature

BENCHMARK

TEA FACTORY

Bench Mark, Melkodupmund, Ooty, The Nilgiris
E mail: benchmarkfeedback.rd@gmail.com

CERTIFICATE

This is to Certify that

Mr / Master / Miss / Mrs. KIRUTHIKA. S, I B.Com.,

Has Visited **BENCH MARK TEA FACTORY**

and Learnt Tea Processing & Tasting



For **Bench mark Tea Factory**

Signature

Date :

BENCHMARK

TEA FACTORY

Bench Mark, Melkodupmund, Ooty, The Nilgiris
E-mail: benchmarkfeedback.rd@gmail.com

CERTIFICATE

This is to Certify that

Mr / Master / Miss / Mrs. ASWIN. P.A, I B.Com....

Has Visited **BENCH MARK TEA FACTORY**

and Learnt Tea Processing & Tasting



For Bench mark Tea Factory

Signature

Date :

NCHMARK

TEA FACTORY

Bench Mark, Melkodupmund, Ooty. The Nilgiris

E mail benchmarkfeedback.rd@gmail.com

CERTIFICATE

This is to Certify that

Mr / Master / Miss / Mrs. BHARATH.K, I B.Com.,

Has Visited **BENCH MARK TEA FACTORY**

and Learnt Tea Processing & Tasting



For **Bench mark Tea Factory**

Date :

Signature

www.senguarts.co.in
info@senguarts.co.in

COLLEGE : 04288 - 283545, 283575
FAX : 04288 - 284344

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University, Salem and Approved by AICTE, New Delhi)
An ISO 9001:2008 Certified Institution
Recognized under section 2(f) and 12(B) of the UGC Act 1956 and Accredited by NAAC
TIRUCHENGODE - 637 205, NAMAKKAL DT, TAMILNADU.
Since 1991

Dr. S. RAVIKUMAR M.Sc., M.E., M.Phil., Ph.D.,
PRINCIPAL

Date: 26.05.2022

TO WHOMSOEVER IT MAY CONCERN

The following students of our Instution are on INUDUSTRIAL VISIT to Ooty from 27.05.2022 they are accompanied by our staff members Dr.S.Kamaladevi , Mr. P. Elayaraja

LIST OF STUDENTS

I BCOM A & B

S. No.	Class	Roll No.	Name of the Student
1	I BCOM A	21BA201	ARULKUMAR M
2		21BA202	ASWIN P A
3		21BA203	BHARATH K
4		21BA204	DHARANIKUMAR T
5		21BA206	DINESH.S
6		21BA207	GAVISVARA P
7		21BA209	GUNASEELAN S
8		21BA210	JANARTHANAN Y
9		21BA211	KARTHIKEYAN V
10		21BA212	KAVIN K
11		21BA213	KESAVAHARIHARAN S
12		21BA215	LEELA PRASANTH V
13		21BA216	LOGANATHAN P
14		21BA217	NARESHKUMAR S
15		21BA218	NAVEEN V
16		21BA219	NAVINKUMAR P
17		21BA220	RABIN A
18		21BA221	SAKTHIVEL V

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Since 1991

Dr. S. RAVIKUMAR M.Sc., M.E., M.Phil., Ph.D.,
PRINCIPAL

Date: 26.05.2022

19		21BA222	SANJAY M
20		21BA224	SATHISH S
21		21BA225	SUNDHARRAJ D
22		21BA227	TAMILVANAN R
23		21BA228	VIGNESHWARAN R
24		21BA229	VIJAYANAND P
25		21BA230	VISHAL M D
26		21BA231	YESWANTHRAJ M
27		21BA232	ABISRE S B
28		21BA233	ANITHA S
29		21BA234	BOOMATHI M
30		21BA236	DHARSHINI A
31		21BA240	MONIKA M
32		21BA242	OVIYA G
33		21BA243	PAVITHRA S
34		21BA244	PAVITHRADEVI S
35		21BA245	PERIYANAYAKI M
36		21BA246	POORANI A
37		21BA247	PREETHI V
38		21BA248	SAKTHIKA S
39		21BA250	SENBAGAPRIYA M
40		21BA251	SNEKA K
41		21BA252	SOWMIYA S
42		21BA253	SREEJHA M
43		21BA254	SRI HARINI S
44		21BA255	SRIMATHI A
45		21BA259	THENMOZHI G
46		21BA260	VIDHYA BHARATHI G

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Since 1991

Date: 26.05.2022

Dr. S. RAVIKUMAR M.Sc., M.E., M.Phil., Ph.D.,
PRINCIPAL

47	I BCOM B	21BB201	DINESH S
48		21BB202	GUNASEKAR D
49		21BB203	KESAVAN D
50		21BB204	NANDHAKUMAR G
51		21BB205	PRASANTH A
52		21BB206	SARUN K
53		21BB207	BONISHA V
54		21BB208	DEEPIKA K
55		21BB209	KALAIYARASI M
56		21BB210	KIRUTHIKA S
57		21BB211	SANTHIYA R

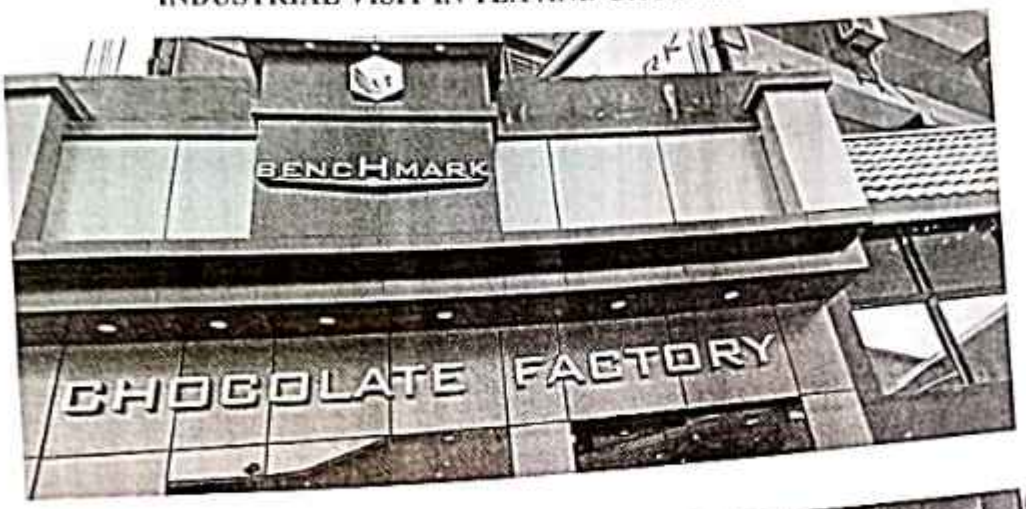
R.V. 26/5/2022
H.O.D

26/5/2022
PRINCIPAL

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Since 1991 TIRUCHENGODE – 637 205, NAMAKKAL DT., TAMILNADU

DEPARTMENT OF COMMERCE
INDUSTRIAL VISIT IN TEA AND CHOCOLATE FACTORU








NCHMARK
TEA FACTORY


BENCHMARK



செஞ்சுற்றுக் கலை, அறிவியல் கல்லூரி, திருச்செங்கோடு

தொலை பேசி :04288 -283575, 283545

கல்வி கற்றலை ஒறுதல் பற்றியது

வெ.தனிதரன், M.Sc., M.E., M.Phil., Ph.D.,
முதல்வர்

நாள்: 25.05.2022

அனுப்புனர்,

மாணாக்கன் தங்கள் மகன்/~~மகள்~~ Y. Janarthanan.

எண்ணம் I. B.Com. "A" பட்ட வகுப்பில் செங்கல்

கல்லூரியில் பயின்று வருகின்றார். இவர் இக்கல்வியாண்டில் கல்லூரி கலவி கற்றலை

(ஒருநாள்) only . Bench Mark Tea Exploration

Factory. Monkey Falls. Bottanical garden,

Deddapetta . Dhyanalinayam. ஆகிய இடங்களுக்கு

சென்று வர விரும்பம் தெரிவித்துள்ளார். தாங்களே தங்களின் முழுச் சம்மதத்துடன் சொந்தப்

பொறுப்பில் தங்கள் மகனை/மகளை அனுப்பி வைக்க வேண்டிக் கொள்கிறோம்.

இடம் : Tiruchengode

தேதி : 26.05.2022.

முதல்வர்

ஐயா,

மேற்கண்ட வாசகங்களைப் படித்துணர்ந்தேன். அதன்படி எனது மகன்/~~மகள்~~

Y. Janarithanan

என்பவரை சுற்றுலாவில் எனது சொந்த பொறுப்பில் தான் அனுப்புகிறேன்.

இடம் : Tiruchengode.

தேதி : 26.05.2022.

Y. ஜனார்த்தனன்

பெற்றோர் கையொப்பம்

Y. J.

மாணவர் கையொப்பம்

சேரன்ஸ் கலை, அறிவியல் கல்லூரி, திருச்செங்கோடு.

தொலை பேசி :04288 -283575, 283345

கல்வி சுற்றுலா ஒப்புதல் படிவம்

எம்.ஹரிஹரன், M.Sc., M.E.,M.Phil., Ph.D., முதல்வர்

நாள்: 26.05.2022

அன்புடையீர்,

வணக்கம். தங்கள் மகள்/~~மகன்~~ V. Karthikeyan

என்பவர் I - B.Com பட்ட வகுப்பில் என்கள் கல்லூரியில் பயின்று வருகின்றார். இவர் இக்கல்வியாண்டில் கல்லூரி கல்வி சுற்றுலா Ooty, Bench Mark tea Explanation Factory, Monkey Falls, Botanical garden, Doddabetta, Dayandingam ஆகிய இடங்களுக்கு சென்று வர விருப்பம் தெரிவித்துள்ளார். தாங்களே தங்களின் முழுச் சம்மதத்துடன் சொந்த பொறுப்பில் தங்கள் மகனை/மகளை அனுப்பி வைக்க வேண்டிக் கொள்ளுகிறோம்.

இடம் : Tiruchengode

தேதி : 26-05-2022

முதல்வர்

ஐயா,

மேற்கண்ட வாசகங்களைப் படித்துணர்ந்தேன். அதன்படி எனது மகள்/மகன் V. Karthikeyan என்பவரை சுற்றுலாவில் எனது சொந்த பொறுப்பில் தான் அனுப்புகிறேன்.

இடம் : Tiruchengode

தேதி : 26.05.2022.

V. MUTHULAKSHMI
பெற்றோர் கையொப்பம்

V. Karthikeyan
மாணவர் கையொப்பம்

செய்துங்கநல்லூர், திருச்செந்தூர் வட்டம்

தொலைபேசி :04288 -283575, 283345

கல்வி சுற்றுலா ஒப்புதல் படிவம்

வெ.ராமசுப்பிரமணியன், M.Sc., M.E., M.Phil., Ph.D.,
முதல்வர்

நாள்: 26.05.2022

அனுப்புனர்,

வணக்கம். தங்கள் மகன்/மகள் K. Kavin

வகுப்பு I. B.COM A. Commerce பயிலும் எங்கள்

கல்லூரியில் பயின்று வருகின்றார். இவர் இக்கல்லூரியால் கல்விச் சுற்றுலா

Ooty. Bench Mark. Tea Exploration Factory,
Monkey Falls. Botanical Garden, Doddapetta.
Dhyandhrgam. ஆகிய இடங்களுக்கு

சென்று வர விருப்பம் தெரிவித்துள்ளார். தாங்களே தங்களின் முழுச் சம்மதத்துடன் சொந்தப்

பொறுப்பில் தங்கள் மகனை/மகளை அனுப்பி வைக்க வேண்டிக் கொள்கிறோம்.

இடம் : Thuchengade

தேதி : 26. 05. 2022

முதல்வர்

ஐயா,

மேற்கண்ட வாசகங்களைப் படித்துணர்ந்தேன். அதன்படி எனது மகன்/மகள்

K. Kavin

என்பவரை சுற்றுலாவில் எனது சொந்த பொறுப்பில் தான் அனுப்புகிறேன்.

இடம் : Thuchengade

தேதி : 26. 05. 2022

C. கதிர்வேல்
பெற்றோர் கையொப்பம்

K. Kavin
மாணவர் கையொப்பம்

பல்கலைக் கழக, அறிவியற் கல்லூரி, திருச்செங்கோடு.

தொலை பேசி : 04288 -283575, 283545

கல்லூரி முதல்வர் முனைவர்

முனைவர் ஆ.கதிரேசன், M.Sc., M.E., M.Phil., Ph.D., நாள்: 26.05.2022
முதல்வர்

அனுப்புனர்,

பெறுநர் நலன் மகன்/மகள் திரு. S.கோபிநாதன்

வகுப்பு ..... I M.C.A. University Practical Viva-voce examination

வருகின்ற மாதம் நடைபெறும் முதல் இடைப்பருவத்தேர்வு முதுநிலை கல்லூரி

Electronic Tea Extraction Factory , Manley Fall,

Kotagiri, Nilgiris, Tamilnadu, India, Pincode - 643217

ஆகிய இடங்களுக்கு செல்ல விருப்பம் தெரிவித்துள்ளார். நாங்களே நேரில் அழைத்துச் சென்று மாணவர் நலனை/மகளை அறிய வைக்க வேண்டி கொள்கிறோம்.

இடம் : திருச்செங்கோடு

தேதி : 26.05.2022

முதல்வர்

நகல்.

மேற்கண்ட வாசகங்களை படித்துணர்ந்தேன். அதன்படி எனது மகன்/மகள்

திரு. கோபிநாதன்

என்பவரை கற்றுலாவில் எனது சொந்த பொறுப்பில் நான் அனுப்புகிறேன்.

இடம் : திருச்செங்கோடு

தேதி : 26.05.2022

பெற்றோர் கையொப்பம்

S. KESAVAHARIHARAN.

மாணவர் கையொப்பம்

செல்வமுத்தரி கலை, அறிவியற் கல்லூரி, திருச்செங்கோடு
தொலை பேசி :04288 -283575, 283345

கல்வி சுற்றுலா முடிவுக் படிவம்

பெ. தமிழ்செல்வன், M.Sc., M.E., M.Phil., Ph.D.,
முதல்வர்

நாள்: 26/05/2022

அன்புடைமை,

எனது மகள்/மகன் வி. லீலா பிரகாஷ்
எங்கள் பாரம்பரியம் மிகுந்த எதிர்கால பட்ட வகுப்பில் பயிலும்
மாணவி/மாணவர். இவர் இக்கல்லூரியால் ஏற்றுள்ள கல்வி சுற்றுலா
Bonhomie tea Explanation Factory monkey Fall.
Bottanical Garden. Pazhamudhir Cholai ஆகிய இடங்களுக்கு
சென்று வர விருப்பம் தெரிவித்துள்ளார். தாங்களே தங்களின் முழு சம்மதத்துடன் சொந்த
பொறுப்பில் தங்கள் மகனை/மகளை அனுப்பி வைக்க வேண்டிக் கொள்கிறோம்.

இடம் : திருச்செங்கோடு
தேதி : 26/05/2022

முதல்வர்

ஐயா,

மேற்கண்ட வாசகங்களைப் படித்துணர்ந்தேன். அதன்படி எனது மகன்/மகள்
வி. லீலா பிரகாஷ்
என்பவரை சுற்றுலாவில் எனது சொந்த பொறுப்பில் தான் அனுப்புகிறேன்.

இடம் :
தேதி :

V. Padmavathi
பெற்றோர் கையொப்பம்

வி. லீலா பிரகாஷ்
மாணவர் கையொப்பம்

செல்வதிதர் கலை, அறிவியற் கல்லூரி, திருச்செங்கோடு

தொலை பேசி :04288 -283575, 283945

கல்வி சுற்றுலா ஒப்புதல் படிவம்

முனைவர், M.Sc., M.E., M.Phil., Ph.D., நாள்: 26.05.2022
முதல்வர்

அன்புடையீர்,

எனக்கும், தங்கள் மகள்/மகன் U.Gowtham

பயிலும் I - வினையியல் பிரிவு மாணவி/மாணவர்

சுற்றுலாவில் பங்கு கொள்கிறார். இவர் இக்கல்லூரியால் ஏற்றுக் கொண்ட கல்வி சுற்றுலா

Bench mark tree Exploration Factory monkey falls, pothwind Erode, Daldepths Dhyandingam.

ஆகிய இடங்களுக்கு

சென்று வர விருப்பம் தெரிவித்துள்ளார். தாங்களே தங்களின் முழுச் சம்மதத்துடன் சொந்தப் பொறுப்பில் தங்கள் மகனை/மகளை அனுப்பி வைக்க வேண்டிக் கொள்கிறோம்.

இடம் : Tiruchengode

தேதி : 26.05.2022

முதல்வர்

ஐயா,

மேற்கண்ட வாசகங்களைப் படித்துணர்ந்தேன். அதன்படி எனது மகன்/மகள்

U.கௌதம்

என்பவரை சுற்றுலாவில் எனது சொந்த பொறுப்பில் தான் அனுப்புகிறேன்.

இடம் : Tiruchengode

தேதி : 26.05.2022

பெற்றோர் கையொப்பம்

U.கௌதம்

மாணவர் கையொப்பம்

SENGUNTHAR ARTS AND SCIENCE COLLEGE
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Class: II-MCA& M.Sc (CS) /Semester-III(2021-23 Batch)

Main Project Title

S.No	Roll.No	Reg.No	Name of the student	Title of the project
1	21M901	C21PG127CAP001	S.Ajay	Multi-cloud system to avoid service failure
2	21M904	C21PG127CAP003	N.Dinesh	Location-Based spatial query processing in wireless broadcast environment
3	21M905	C21PG127CAP004	A.Gokul	DSAS:A secure data sharing and authorized searchable framework for E-healthcare system
4	21M906	C21PG127CAP005	P.Jayaprakash	A proxy Re-encryption approach to secure data sharing in the Internet of things based on Black chain
5	21M907	C21PG127CAP006	P.Kaviyarasan	Dual Access control for cloud based data
6	21M908	C21PG127CAP001	K.Maitheesh	A Secure and efficient data sharing and searching scheme wireless sensor network
7	21M909	C21PG127CAP007	S.Midhunkumar	Privacy-Preserving and Truthful detection of pocket dropping attacks in wireless ad Hoc network
8	21M910	C21PG127CAP008	P.Ranjithkumar	Secure phrase search for Intelligent processing of encrypted data in cloud-based IOT
9	21M911	C21PG127CAP009	B.Santhoshkumar	An Attribute- Assisted re-banking model for web image search
10	21M912	C21PG127CAP010	V.Saran	Topology control in mobile Ad Hoc network with Cooperative communications
11	21M913	C21PG127CAP011	P.Sathishkumar	Criminal face detection
12	21M914	C21PG127CAP012	J.Vignesgh	Cell breathing techniques for load balancing in wireless LANs
13	21M915	C21PG127CAP013	S.Vikram	Dynamic routing with security consileration
14	21M916	C21PG127CAP014	S.Devipriya	E-Authentication system using QR code and OTP
15	21M917	C21PG127CAP015	M.Muthulakshmi	Attribute based Encryption with privacy protection and accountability for cloud IOT
16	21M918	C21PG127CAP016	R.Priyadharshini	Online Bug Tracking System
M.Sc-Computer Science				
1	21M1701	C21PG127CSC001	S.Karthickraja	Rainfall Prediction linear Regression
2	21M1704	C21PG127CSC004	S.Geethashri	Congestion free smart device by catching info in MANET and IOT

08/5/23

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SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

MULTI-CLOUD SYSTEM TO AVOID SERVER FAILURES

A dissertation submitted in partial fulfillment of the requirements

for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem – 11

BY

S.AJAY

Register Number: C21PG127CAP001

Under the Guidance of

Mrs.P.GAYATHRIDEVI, M.Sc (IT)., M.Phil.,M.A.,



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE - 637 205.

APRIL-2023

SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHNGODE-637205

CETIFICATE

This is to certify that dissertation entitled **"MULTI-CLOUD SYSTEM TO AVOID SERVER FAILURES"** submitted in partial fulfillment of the requirement for he degree of **MASTER OF COMPUTER APPLICATIONS** to the Periyar University, Salem is a of bonafide work carried out by **S.AJAY, Register No: C21PG127CAP001** under supervision and guidance and that no part of the has been submitted for the award of any degree or diploma.

Place: Tiruchengode

Date : 04.05.2023

Signature of the Guide

Mrs.P.GAYATHRIDEVI, M.Sc (IT)., M.Phil.,M.A.,

HEAD OF DEPARTMENT

(Mrs.R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the project Viva Voce Examination held on 04.05.2023

Internal Examiner

External Examiner

COGNITIVE i
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80155 67855
F-37,First floor,Murugan Kovil Street,Fairlands,
Salem - 636 016

Date: 24.04.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **S.AJAY** (Reg. No: **C21PG127CAP001**) student of **Master Of Computer Applications,** Sengunthar Arts and Science College, Tiruchengode, has successfully Completed with us to do his final year project entitled **"Multi-Cloud System to avoid Server Failures"** using Java/**MySQL** at Cognitive i, Salem from **December'2022** to **March'2023**.

During the period of project work his performance and conduct was found to be good.

We wish him the very best forever.

With Regards,

For Cognitive i,

24/4/23

Arunprakasam.T
Project Head

COGNITIVE i SALEM-6

ABSTRACT

The use of cloud computing has increased rapidly in many organizations. Cloud computing provides many benefits in terms of low cost and accessibility of data. Ensuring the security of cloud computing is a major factor in the cloud computing environment, as users often store sensitive information with cloud storage providers but these providers may be untrusted. Dealing with "single cloud" providers is predicted to become less popular with customers due to risks of service availability failure and the possibility of malicious insiders in the single cloud. A movement towards "multi-clouds", or in other words, "interclouds" or "cloud-of-clouds" has emerged recently. This paper surveys recent research related to single and multi-cloud security and addresses possible solutions. It is found that the research into the use of multi-cloud providers to maintain security has received less attention from the research community than has the use of single clouds. This work aims to promote the use of multi-clouds due to its ability to reduce security risks that affect the cloud computing user.

INTRODUCTION

5. CONCLUSION AND FUTURE ENHANCEMENT

It is clear that although the use of cloud computing has rapidly increased, cloud computing security is still considered the major issue in the cloud computing environment. Customers do not want to lose their private information as a result of malicious insiders in the cloud. In addition, the loss of service availability has caused many problems for a large number of customers recently. Furthermore, data intrusion leads to many problems for the users of cloud computing. The purpose of this work is to survey the recent research on single clouds and multi-clouds to address the security risks and solutions. We have found that much research has been done to ensure the security of the single cloud and cloud storage whereas multi-clouds have received less attention in the area of security. We support the migration to multi-clouds due to its ability to decrease security risks that affect the cloud computing user.

BIBLIOGRAPHY

LOCATION-BASED SPATIAL QUERY PROCESSING IN WIRELESS BROADCAST ENVIRONMENTS

A Project dissertation in partial fulfillment of the requirements

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to the

Periyar University, Salem – 11

BY

N.DINESH

Register Number: C21PG127CAP003

Under the Guidance of

Mrs.T.GAYATHRI,MCA.,M.Phil.,

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE - 637 205.

APRIL-2023

SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHNGODE-637205

CETIFICATE

This is to certify that project dissertation entitled **"LOCATION-BASED SPATIAL QUERY PROCESSING IN WIRELESS BROADCAST ENVIRONMENTS"** submitted in partial fulfillment of the requirement for the degree of **MASTER OF COMPUTER APPLICATIONS** to the Periyar University, Salem is a of bonafide work carried out by **N.DINESH, Register No: C21PG127CAP003** under supervision and guidance and that no part of the has been submitted for the award of any degree or diploma.

04/5/23

Place: Tiruchengode

Signature of the Guide

Date :04.05.23

Mrs.T.GAYATHRI,MCA.,M.Phil.,

4/5/23

HEAD OF DEPARTMENT

(Mrs.R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the project Viva Voce Examination held on 04.05.2023

4/5/23

Internal Examiner

External Examiner

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80155 67855
F-37,First floor,Murugan Kovil Street,Fairlands,
Salem - 636 016

Date: 24.04.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **N.DINESH** (Reg. No: **C21PG127CAP003**) student of **Master Of Computer Applications,** Sengunthar Arts and Science College, Tiruchengode, has successfully Completed with us to do his final year project entitled **"Location-Based Spatial Query Processing In Wireless Broadcast Environments"** using **Java/MySQL** at Cognitive i, Salem from **December'2022** to **March'2023**.

During the period of project work his performance and conduct was found to be good.

We wish him the very best forever.

With Regards,

For Cognitive i,

24/4/23

Arunprakasam.T
Project Head

COGNITIVE i SALEM-6

ABSTRACT

The wireless data broadcast model has good scalability for supporting an almost unlimited number of clients. Its main limitation lies in its sequential data access; the access latency becomes longer as the number of data items increases. If we can provide (approximate) answers to spatial queries before the arrival of the related data packets, it will overcome the limitation of the broadcast model. A novel component in our methodology is a verification algorithm that verifies whether a data item from neighboring peers is part of the solution set to a spatial query. Even if the verified results constitute only part of the solution set, in which case the query client needs to wait for the required data packets to get the remaining answers, the partial answer can be utilized by many applications that do not need exact solutions but require a short response time.

Location-based spatial queries (LBSQ s) refer to spatial queries whose answers rely on the location of the inquirer. Efficient processing of LBSQ s is of critical importance with the ever-increasing deployment and use of mobile technologies. We show that LBSQ s has certain unique characteristics that the traditional spatial query processing in centralized databases does not address. For example, a significant challenge is presented by wireless broadcasting environments, which have excellent scalability but often exhibit high-latency database access. In this paper, we present a novel query processing technique that, though maintaining high scalability and accuracy, manages to reduce the latency considerably in answering LBSQ s. Our approach is based on peer-to-peer sharing, which enables us to process queries without delay at a mobile host by using query results cached in its neighboring mobile peers. We demonstrate the feasibility of our approach through a probabilistic analysis, and we illustrate the appeal of our technique through extensive simulation results.

5. CONCLUSION AND FUTURE WORK

CONCLUSION

In this project, spatial query processing in wireless broadcast environments. Existing methods have some disadvantages e.g. increases complexity at server and client side. This can be overcome by above following ways. Spatial query processing in wireless broadcast environments and use shortest path computation as an example of specific challenges and solutions considered in that setting. Given the limitations faced in traditional query processing architectures and the ability of wireless broadcasting to alleviate many of them, it bears strong potential to serve as an alternative or a complement to common computation paradigms. A challenging problem is solved here with devising cost models for monitoring spatial queries processing in wireless broadcast environments.

FUTURE WORK

The continuing diffusion of mobile devices enables a flourishing market of location-based services, but also poses serious scalability concerns. This motivates the wireless broadcast model, where a server repeatedly transmits the entire database, while clients selectively tune in the communication channel and process their queries locally.

It is therefore a promising research direction to extend the air indexing literature with solutions for other query types, be them of a spatial nature or otherwise.

Another interesting direction is to study different types of spatial queries, such as reverse Nearest Neighbours, and to extend.

A PROXY RE-ENCRYPTION APPROACH TO SECURE DATASHARING IN THE INTERNET OF THINGSBASED ON BLOCKCHAIN

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to the

Periyar University, Salem – 11

BY

P.JAYAPRAKASH

Register Number: C21PG127CAP005

Under the Guidance of

Mrs.R.BHARATHI, M.Sc., M.Phil.,



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE - 637 205.

APRIL-2023

SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHNGODE-637205

CETIFICATE

This is to certify that dissertation entitled **"A PROXY RE-ENCRYPTION APPROACH TO SECURE DATASHARING IN THE INTERNET OF THINGSBASED ON BLOCKCHAIN"** submitted in partial fulfillment of the requirement for the degree of **MASTER OF COMPUTER APPLICATIONS** to the Periyar University, Salem is a of bonafide work carried out by **P.JAYAPRAKASH, Register No: C21PG127CAP005** under supervision and guidance and that no part of the has been submitted for the award of any degree or diploma.

Place: Tiruchengode

Date : 04/05/2023

Signature of the Guide

Mrs.R.BHARATHI, M.Sc., M.Phil.,

HEAD OF DEPARTMENT

(Mrs.R.BHARATHI, M.Sc., M.Phil.,)

PRINCIPAL

(Dr.S.RAVIKUMAR,M.Sc., M.Phil.,Ph.D.,)

Submitted for the project Viva Voce Examination held on 04/05/2023

Internal Examiner

External Examiner

COGNITIVE I
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80155 67855
F-37,First floor,Murugan Kovil Street,Fairlands,
Salem - 636 016

Date: 24.04.2023

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This is to certify that **JAYAPRAKASH.P** (Reg. No: **C21PG127CAP005**) student of **Master Of Computer Applications,** Sengunthar Arts and Science College, Tiruchengode, has successfully Completed with us to do his final year project entitled **"A Proxy Re-Encryption Approach to Secure Data Sharing in the Internet of Things Based on Block chain"** using Java/MySQL at Cognitive i, Salem from **December'2022** to **March'2023**

During the period of project work his performance and conduct was found to be good.

We wish him the very best forever.

With Regards,

For Cognitive i,

24/4/23

Arunprakasam.T
Project Head

COGNITIVE I SALEM-6

ABSTRACT

The evolution of the Internet of Things has seen data sharing as one of its most useful applications in cloud computing. As eye-catching as this technology has been, data security remains one of the obstacles it faces since the wrongful use of data leads to several damages. In this article, we propose a proxy re-encryption approach to secure data sharing in cloud environments. Data owners can outsource their encrypted data to the cloud using identity-based encryption, while proxy re-encryption construction will grant legitimate users access to the data. With the Internet of Things devices being resource-constrained, an edge device acts as a proxy server to handle intensive computations. Also, we make use of the features of information-centric networking to deliver cached content in the proxy effectively, thus improving the quality of service and making good use of the network bandwidth. Further, our system model is based on block chain, a disruptive technology that enables decentralization in data sharing. It mitigates the bottle necks in centralized systems and achieves fine-grained access control to data. The security analysis and evaluation of our scheme show the promise of our approach in ensuring data confidentiality, integrity, and security.

5. CONCLUSION AND FUTURE ENHANCEMENT

The emergence of the IoT has made data sharing one of its most prominent applications. To guarantee data confidentiality, integrity, and privacy, we propose a secure identity-based PREdata-sharing scheme in a cloud computing environment. Secure data sharing is realized with IBPRE technique, which allows the data owners to store their encrypted data in the cloud and share them with legitimate users efficiently. Due to resource constraints, an edge device serves as the proxy to handle the intensive computations. The scheme also incorporates the features of ICN to proficiently deliver cached content, thereby improving the quality of service and making great use of the network bandwidth. Then, we present a blockchain-based system model that allows for flexible authorization on encrypted data. Fine grained access control is achieved, and it can help data owners achieve privacy preservation in an adequate way. The analysis and results of the proposed model show how efficient our scheme is, compared to existing schemes.

DUAL ACCESS CONTROL FOR CLOUD-BASED DATA STORAGE AND SHARING

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for the award of the degree of

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to the

Periyar University, Salem – 11

BY

P.KAVIYARASAN

Register Number: C21PG127CAP006

Under the Guidance of

Mrs.P.GAYATHRIDEVI, M.Sc (IT)., M.Phil.,M.A.,



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE - 637 205.

APRIL-2023

SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHNGODE-637205

CETIFICATE

This is to certify that dissertation entitled "**DUAL ACCESS CONTROL FOR CLOUD-BASED DATA STORAGE AND SHARING**" submitted in partial fulfillment of the requirement for the degree of **MASTER OF COMPUTER APPLICATIONS** to the Periyar University, Salem is a of bonafide work carried out by **P.KAVIYARASAN , Register No: C21PG127CAP006** under supervision and guidance and that no part of the has been submitted for the award of any degree or diploma.

Place: Tiruchengode

Date : 04-05-2023

Signature of the Guide

Mrs.P.GAYATHRIDEVI, M.Sc (IT)., M.Phil.,M.A.,

HEAD OF DEPARTMENT

(Mrs.R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the project Viva Voce Examination held on 04-05-2023

Internal Examiner

External Examiner

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80155 67855
F-37,First floor,Murugan Kovil Street,Fairlands,
Salem - 636 016

Date: 24.04.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **P.KAVIYARASAN** (Reg. No: **C21PG127CAP006**) student of **Master Of Computer Applications,** Sengunthar Arts and Science College, Tiruchengode, has successfully Completed with us to do his final year project entitled **"Dual Access Control For Cloud Based Data Storage And Sharing"** using **Java/MySQL** at Cognitive i, Salem from **December'2022** to **March'2023.**

During the period of project work his performance and conduct was found to be good.

We wish him the very best forever.

With Regards,

For Cognitive i,

24/4/23

Arunprakasam.T
Project Head

COGNITIVE i SALEM-6

ABSTRACT

Cloud-based data storage service has drawn increasing interests from both academic and industry in the recent years due to its efficient and low cost management. Since it provides services in an open network, it is urgent for service providers to make use of secure data storage and sharing mechanism to ensure data confidentiality and service user privacy. To protect sensitive data from being compromised, the most widely used method is encryption. However, simply encrypting data (e.g., via AES) cannot fully address the practical need of data management. Besides, an effective access control over download request also needs to be considered so that Economic Denial of Sustainability (EDoS) attacks cannot be launched to hinder users from enjoying service. In this paper, we consider the dual access control, in the context of cloud-based storage, in the sense that we design a control mechanism over both data access and download request without loss of security and efficiency. Two dual access control systems are designed in this project, where each of them is for a distinct designed setting. The security and experimental analysis for the systems are also presented.

5. CONCLUSION AND FUTURE ENHANCEMENT

The project addressed an interesting and long-lasting problem in cloud-based data sharing, and presented two dual access control systems. The proposed systems are resistant to DDoS/EDoS attacks. We state that the technique used to achieve the feature of control on download request is "transplantable" to other CP-ABE constructions. Our experimental results show that the proposed systems do not impose any significant computational and communication overhead(compared to its underlying CP-ABE building block). In our enhanced system, we employ the fact that the secret information loaded into the enclave cannot be extracted. However, recent work shows that enclave may leak some amounts of its secret(s) to a malicious host through the memory access patterns or other related side-channel attacks. The model of transparent enclave execution ishence introduced. Constructing a dual access control system for cloud data sharing from transparent enclave isan interesting problem. In our future work, we will considerthe corresponding solution to the problem.

A SECURE AND EFFICIENT DATA SHARING AND SEARCHING SCHEME IN WIRELESS SENSOR NETWORK

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for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem – 11

BY

K.MAITHEESH

Register Number: C21PG127CAP007

Under the Guidance of

Mrs.T.GAYATHRI,MCA.,M.Phil.,



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE - 637 205.

APRIL-2023

SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHNGODE-637205

CETIFICATE

This is to certify that dissertation entitled **"A SECURE AND EFFICIENT DATA SHARING AND SEARCHING SCHEME IN WIRELESS SENSOR NETWORK"** submitted in partial fulfillment of the requirement for the degree of **MASTER OF COMPUTER APPLICATIONS** to the Periyar University, Salem is a of bonafide work carried out by **K.MAITHEESH, Register No: C21PG127CAP007** under supervision and guidance and that no part of the has been submitted for the award of any degree or diploma.

Place: Tiruchengode

Date : 04-05-2023

4/5/23
Signature of the Guide

Mrs.T.GAYATHRI,MCA.,M.Phil.,

4/5/23
HEAD OF DEPARTMENT

(Mrs.R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the project Viva Voce Examination held on _____

4/5/23
Internal Examiner

External Examiner

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80155 67855
F-37,First floor,Murugan Kovil Street,Fairlands,
Salem - 636 016

Date: 24.04.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **K.MAITHEESH** (Reg. No: **C21PG127CAP007**) student of **Master Of Computer Applications,** Sengunthar Arts and Science College, Tiruchengode, has successfully Completed with us to do his final year project entitled **"A Secure and Efficient Data Sharing and Searching Scheme in Wireless Sensor Network"** using **ASP.NET(C#)/ SQL Server** at Cognitive i, Salem from **December'2022** to **March'2023.**

During the period of project work his performance and conduct was found to be good.

We wish him the very best forever.

With Regards,

For Cognitive i,

24/4/23

Arunprakasam.T
Project Head

COGNITIVE i SALEM-6

ABSTRACT

Wireless sensor networks (WSN) generally utilize cloud computing to store and process sensing data in real time, namely, cloud-assisted WSN. However, the cloud-assisted WSN faces new security challenges, particularly outsourced data confidentiality. Data Encryption is a fundamental approach but it limits target data retrieval in massive encrypted data. Public key encryption with keyword search (PEKS) enables a data receiver to retrieve encrypted data containing some specific keyword in cloud-assisted WSN. However, the traditional PEKS schemes suffer from an inherent problem, namely, the keyword guessing attack (KGA). KGA includes off-line KGA and on-line KGA. To date, the existing literature on PEKS cannot simultaneously resist both off-line KGA and on-line KGA performed by an external adversary and an internal adversary. In this work, we propose a secure and efficient data sharing and searching scheme to address the aforementioned problem such that our scheme is secure against both off-line KGA and on-line KGA performed by external and internal adversaries. We would like to stress that our scheme simultaneously achieves document encryption/decryption and keyword search functions. We also prove our scheme achieves keyword security and document security. Furthermore, our scheme is more efficient than previous schemes by eliminating the pairing computation.

5. CONCLUSION

The combination of cloud computing and WSN provides a promising solution to handle massive data. Data security requirements have become a key challenge in cloud-assisted WSN. To address limitations inherent in data security problems, in this paper, we defined a secure and efficient DSS scheme that can resist both off-line KGA and on-line KGA performed by external adversary and internal adversary, and we proposed a specific construction. This construction can simultaneously resist both on-line KGA and off-line KGA in cloud-assisted WSN. Our scheme not only realizes the keyword search function in the cloud but also implements the data files encryption/decryption function. The performance analysis shows the computation overhead at lightweight mobile devices insignificantly reduced. We also formally proved that our schemes are provably secure.

PRIVACY-PRESERVING AND TRUTHFUL DETECTION OF PACKET DROPPING ATTACKS IN WIRELESS AD HOC NETWORKS

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for the award of the degree of

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to the

Periyar University, Salem – 11

BY

S.MIDHUNKUMAR

Register Number: C21PG127CAP008

Under the Guidance of

Mrs.R.BHARATHI, M.Sc., M.Phil.,



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE - 637 205.

APRIL-2023

SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHNGODE-637205

CETIFICATE

This is to certify that dissertation entitled "**PRIVACY-PRESERVING AND TRUTHFUL DETECTION OF PACKET DROPPING ATTACKS IN WIRELESS AD HOC NETWORKS**" submitted in partial fulfillment of the requirement for the degree of **MASTER OF COMPUTER APPLICATIONS** to the Periyar University, Salem is a of bonafide work carried out by **S.MIDHUNKUMAR, Register No: C21PG127CAP008** under supervision and guidance and that no part of the has been submitted for the award of any degree or diploma.

Place: Tiruchengode

Date : 04/05/2023

Signature of the Guide

Mrs.R.BHARATHI, M.Sc., M.Phil.,

HEAD OF DEPARTMENT

(Mrs.R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the project Viva Voce Examination held on 04/05/2023

Internal Examiner

External Examiner

COGNITIVE i
Intention • Action • Hope

80155 67855
F-37,First floor,Murugan Kovil Street,Fairlands,
Salem - 636 016

Date: 24.04.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **S.MIDHUNKUMAR** (Reg. No: **C21PG127CAP008**) student of Master Of **Computer Applications,** Sengunthar Arts and Science College, Tiruchengode, has successfully Completed with us to do his final year project entitled **"Privacy-Preserving and Truthful Detection of Packet Dropping Attacks in Wireless Ad Hoc Networks"** using **ASP.NET(C#)/ SQL Server** at Cognitive i, Salem from **December'2022** to **March'2023.**

During the period of project work his performance and conduct was found to be good.

We wish him the very best forever.

With Regards,

For Cognitive i,

24/4/23

Arunprakasam.T
Project Head

COGNITIVE i SALEM-6

ABSTRACT

Link error and malicious packet dropping are two sources for packet losses in multi-hop wireless ad hoc network. In this project, while observing a sequence of packet losses in the network, we are interested in determining whether the losses are caused by link errors only, or by the combined effect of link errors and malicious drop. We are especially interested in the insider-attack case, whereby malicious nodes that are part of the route exploit their knowledge of the communication context to selectively drop a small amount of packets critical to the network performance. Because the packet dropping rate in this case is comparable to the channel error rate, conventional algorithms that are based on detecting the packet loss rate cannot achieve satisfactory detection accuracy. To improve the detection accuracy, we propose to exploit the correlations between lost packets. Furthermore, to ensure truthful calculation of these correlations, which develop a homomorphic linear authenticator (HLA) based public auditing architecture that allows the detector to verify the truthfulness of the packet loss information reported by nodes. This construction is privacy preserving, collusion proof, and incurs low communication and storage overheads. To reduce the computation overhead of the baseline scheme, a packet-block-based mechanism is also proposed, which allows one to trade detection accuracy for lower computation complexity. Through extensive simulations, we verify that the proposed mechanisms achieve significantly better detection accuracy than conventional methods such as a maximum-likelihood based detection.

5. CONCLUSION AND FUTURE ENHANCEMENT

In this project, we showed that compared with conventional detection algorithms that utilize only the distribution of the number of lost packets, exploiting the correlation between lost packets significantly improves the accuracy in detecting malicious packet drops. Such improvement is especially visible when the number of maliciously dropped packets is comparable with those caused by link errors. To correctly calculate the correlation between lost packets, it is critical to acquire truthful packet-loss information at individual nodes. We developed an HLA-based public auditing architecture that ensures truthful packet-loss reporting by individual nodes. This architecture is collusion proof, requires relatively high computational capacity at the source node, but incurs low communication and storage overheads over the route. To reduce the computation overhead of the baseline construction, a packet-block-based mechanism was also proposed, which allows one to trade detection accuracy for lower computation complexity.

Some open issues remain to be explored in our future work. First, the proposed mechanisms are limited to static or quasi-static wireless ad hoc networks. Frequent changes on topology and link characteristics have not been considered. Extension to highly mobile environment will be studied in our future work. In addition, in this project we have assumed that source and destination are truthful in following the established protocol because delivering packets end-to-end is in their interest. Misbehaving source and destination will be pursued in our future research. Moreover, in this project, as a proof of concept, we mainly focused on showing the feasibility of the proposed cypto-primitives and how second order statistics of packet loss can be utilized to improve detection accuracy. As a first step in this direction, our analysis mainly emphasize the fundamental features of the problem, such as the untruthfulness nature of the attackers, the public verifiability of proofs, the privacy-preserving requirement for the auditing process, and the randomness of wireless channels and packet losses, but ignore the particular behavior of various protocols that may be used at different layers of the protocol stack. The implementation and optimization of the proposed mechanism under various particular protocols will be considered in our future studies.

SECURE PHRASE SEARCH FOR INTELLIGENT PROCESSING OF ENCRYPTED DATA IN CLOUD-BASED IOT

A dissertation submitted in partial fulfillment of the requirements

for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem – 11

BY

P.RANJITHKUMAR

Register Number: C21PG127CAP009

Under the Guidance of

Mrs.P.GAYATHRIDEVI, M.Sc (IT)., M.Phil.,M.A.,



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE - 637 205.

APRIL-2023

SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHNGODE-637205

CETIFICATE

This is to certify that project dissertation entitled **"SECURE PHRASE SEARCH FOR INTELLIGENT PROCESSING OF ENCRYPTED DATA IN CLOUD-BASED IOT"** submitted in partial fulfillment of the requirement for the degree of **MASTER OF COMPUTER APPLICATIONS** to the Periyar University, Salem is a of bonafide work carried out by **P.RANJITHKUMAR, Register No: C21PG127CAP009** under supervision and guidance and that no part of the has been submitted for the award of any degree or diploma.

04/5/23

Signature of the Guide

Place: Tiruchengode

Date : 04/05/2023

Mrs.P.GAYATHRIDEVI, M.Sc (IT)., M.Phil.,M.A.,

4/5/23

HEAD OF DEPARTMENT

(Mrs.R.BHARATHI, M.Sc., M.Phil.,)

PRINCIPAL

(Dr.S.RAVIKUMAR,M.Sc., M.Phil.,Ph.D.,)

Submitted for the project Viva Voce Examination held on 04/05/2023

04/5/23

Internal Examiner

4/5/23

External Examiner

COGNITIVE i
Intention • Action • Hope

80155 67855
F-37,First floor,Murugan Kovil Street,Fairlands,
Salem - 636 016

Date: 24.04.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **P.RANJITHKUMAR** (Reg. No: **C21PG127CAP009**) student of **Master Of Computer Applications,** Sengunthar Arts and Science College,Tiruchengode, has successfully Completed with us to do his final year project entitled **"Secure Phrase Search for Intelligent Processing of Encrypted Data in Cloud-Based IoT"** using **Java/MySQL** at Cognitive i, Salem from **December'2022** to **March'2023.**

During the period of project work his performance and conduct was found to be good.

We wish him the very best forever.

With Regards,

For Cognitive i,

24/4/23

Arunprakasam.T
Project Head

COGNITIVE i SALEM-6

ABSTRACT

Phrase search allows retrieval of documents containing an exact phrase, which plays an important role in many machine learning applications for cloud-based IoT, such as intelligent medical data analytics. In order to protect sensitive information from being leaked by service providers, documents(e.g., clinic records) are usually encrypted by data owners before being outsourced to the cloud. This, however, makes the search operation an extremely challenging task. Existing searchable encryption schemes for multi-keyword search operations fail to perform phrase search, as they are unable to determine the location relationship of multiple keywords in a queried phrase over encrypted data on the cloud server side.

In this project, propose **P3**, an efficient privacy-preserving phrase search scheme for intelligent encrypted data processing in cloud-based IoT. Our scheme exploits the homomorphic encryption and bilinear map to determine the location relationship of multiple queried keywords over encrypted data. It also utilizes a probabilistic trapdoor generation algorithm to protect users' search patterns. Thorough security analysis demonstrates the security guarantees achieved by **P3**. We implement a prototype and conduct extensive experiments on real-world datasets. The evaluation results show that compared with existing multi key word search schemes, **P3** can greatly improve the search accuracy with moderate overheads.

5. CONCLUSION AND FUTURE ENHANCEMENT

In this project, we presented a novel scheme, P3, which tackled the challenges in phrase search for intelligent encrypted data processing in cloud-based IoT. The scheme exploits the homomorphic encryption and bilinear map to determine the pair wise location relationship of queried keywords on the cloud server side. It eliminates the need of a trusted third party and greatly reduces communication overheads. Thorough security analysis illustrated that the proposed scheme provides the desired security guarantees. The experimental evaluation results demonstrated the effectiveness and efficiency of the proposed scheme. In future work, we plan to further improve the flexibility and efficiency of the scheme.

AN ATTRIBUTE-ASSISTED RERANKING MODEL FOR WEB IMAGE SEARCH

A dissertation Report submitted in partial fulfillment of the

requirementsfor the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem – 11

BY

B.SANTHOSH KUMAR

Register Number: C21PG127CAP010

Under the Guidance of

Mrs.R.BHARATHI, M.Sc., M.Phil.,



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE - 637 205.

APRIL-2023

SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHNGODE-637205

CETIFICATE

This is to certify that dissertation entitled **"AN ATTRIBUTE-ASSISTED RERANKING MODEL FOR WEB IMAGE SEARCH"** submitted in partial fulfillment of the requirement for the degree of **MASTER OF COMPUTER APPLICATIONS** to the Periyar University, Salem is a of bonafide work carried out by **B.SANTHOSH KUMAR, Register No: C21PG127CAP010** under supervision and guidance and that no part of the has been submitted for the award of any degree or diploma.

Place: Tiruchengode

Date : 04.05.2023

Signature of the Guide

Mrs.R.BHARATHI, M.Sc., M.Phil.,

HEAD OF DEPARTMENT

(Mrs.R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the project Viva Voce Examination held on 04.05.2023

Internal Examiner

External Examiner

COGNITIVE I
Intention • Action • Hope

80155 67855
F-37,First floor,Murugan Kovil Street,Fairlands,
Salem - 636 016

Date: 24.04.2023

TO WHOMSOEVER IT MAY CONCERN

is is to certify that **B.SANTHOSH KUMAR** (Reg. No: **C21PG127CAP010**) student of Master Of **mputer Applications,** Sengunthar Arts and Science College, Tiruchengode, has successfully mpleted with us to do his final year project entitled "**An Attribute-Assisted Reranking Model r Web Image Search**" using **Java/MySQL** at Cognitive i, Salem from **December'2022** to **arch'2023.**

uring the period of project work his performance and conduct was found to be good.

e wish him the very best forever.

Vith Regards,

or Cognitive i,

24/4/23

runprakasam.T
roject Head

COGNITIVE I SALEM-6

ABSTRACT

Image search reranking is an effective approach to refine the text-based image search esult. Most existing reranking approaches are based on low-level visual features. In this project, ropose to exploit semantic attributes for image search reranking. Based on the classifiers for all ie predefined attributes, each image is represented by an attribute feature consisting of the esponses from these classifiers. A hypergraph is then used to model the relationship between nages by integrating low-level visual features and attribute features. Hyper graph ranking is ien performed to order the images. Its basic principle is that visually similar images should have milar ranking scores. In this project, propose a visual-attribute joint hyper graph learning pproach to simultaneously explore two information sources. A hyper graph is constructed to nodel the relationship of all images. We conduct experiments on more than 1,000 queries in MSRA-MMV2.0 data set. The experimental results demonstrate the effectiveness of our pproach.

5. CONCLUSION AND FUTURE ENHANCEMENT

Image search reranking has been studied for several years and various approaches have been developed recently to boost the performance of text-based image search engine for general queries. This project serves as a first attempt to include the attributes in reranking framework. We observe that semantic attributes are expected to narrow down the semantic gap between low-level visual features and highlevel semantic meanings. Motivated by that, we propose a novel attribute-assisted retrieval model for reranking images. Based on the classifiers for all the predefined attributes, each image is represented by an attribute feature consisting of the responses from these classifiers. A hypergraph is then used to model the relationship between images by integrating low-level visual features and semantic attribute features. We perform hypergraph ranking to re-order the images, which is also constructed to model the relationship of all images. Its basic principle is that visually similar images should have similar ranking scores and a visual-attribute joint hypergraph learning approach has been proposed to simultaneously explore two information sources. We conduct extensive experiments on 1,000 queries in MSRA-MM V2.0 dataset. The experimental results demonstrate the effectiveness of our proposed attribute-assisted Web image search reranking method.

TOPOLOGY CONTROL IN MOBILE AD HOC NETWORKS WITH COOPERATIVE COMMUNICATIONS

A dissertation submitted in partial fulfillment of the requirements

for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem – 11

BY

U.SARAN

Register Number: C21PG127CAP011

Under the Guidance of

Mrs.R.BHARATHI, M.Sc., M.Phil.,



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE - 637 205.

APRIL-2023

SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHNGODE-637205

CETIFICATE

This is to certify that dissertation entitled **"TOPOLOGY CONTROL IN MOBILE AD HOC NETWORKS WITH COOPERATIVE COMMUNICATIONS"** submitted in partial fulfillment of the requirement for the degree of **MASTER OF COMPUTER APPLICATIONS** to the Periyar University, Salem is a of bonafide work carried out by **U.SARAN, Register No: C21PG127CAP011** under supervision and guidance and that no part of the has been submitted for the award of any degree or diploma.

Place: Tiruchengode

Date : 04.05.2023

Signature of the Guide

Mrs.R.BHARATHI, M.Sc., M.Phil.,

HEAD OF DEPARTMENT

(Mrs.R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the project Viva Voce Examination held on 04.05.2023

Internal Examiner

External Examiner

COGNITIVE i
Intention • Action • Hope

80155 67855
F-37,First floor,Murugan Kovil Street,Fairlands,
Salem - 636 016

Date: 24.04.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **U.SARAN** (Reg. No: **C21PG127CAP011**) student of **Master Of Computer Applications,** Sengunthar Arts and Science College, Tiruchengode, has successfully Completed with us to do his final year project entitled **"Topology Control In Mobile Ad Hoc Networks With Cooperative Communications"** using **Java/MySQL** at Cognitive i, Salem from **December'2022** to **March'2023.**

During the period of project work his performance and conduct was found to be good.

We wish him the very best forever.

With Regards,

For Cognitive i,

24/4/23

Arunprakasam.T
Project Head

COGNITIVE i SALEM-6

ABSTRACT

Cooperative communication has received tremendous interest for wireless networks. Most existing works on cooperative communications are focused on link-level physical layer issues. Consequently, the impacts of cooperative communications on network-level upper layer issues, such as topology control, routing and network capacity, are largely ignored. In this article, we propose a Capacity-Optimized Cooperative (COCO) topology control scheme to improve the network capacity in MANETs by jointly considering both upper layer network capacity and physical layer cooperative communications. Through simulations, we show that physical layer cooperative communications have significant impacts on the network capacity, and the proposed topology control scheme can substantially improve the network capacity in MANETs with cooperative communications.

1 INTRODUCTION

5. CONCLUSION AND FUTURE ENHANCEMENT

In this project, we have introduced physical layer cooperative communications, topology control, and network capacity in MANETs. To improve the network capacity of MANETs with cooperative communications, we have proposed a Capacity- Optimized Cooperative (COCO) topology control scheme that considers both upper layer network capacity and physical layer relay selection in cooperative communications. Simulation results have shown that physical layer cooperative communications techniques have significant impacts on the network capacity, and the proposed topology control scheme can substantially improve the network capacity in MANETs with cooperative communications. Future work is in progress to consider dynamic traffic patterns in the proposed scheme to further improve the performance of MANETs with cooperative communications.

BIBLIOGRAPHY

CRIMINAL FACE DETECTION

A dissertation submitted in partial fulfillment of the requirements

for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem – 11

BY

P.SATHISH KUMAR

Register Number: C21PG127CAP012

Under the Guidance of

Mrs.R.BHARATHI, M.Sc.,M.Phil.,



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE - 637 205.

APRIL-2023

SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHNGODE-637205

CETIFICATE

This is to certify that project report entitled "**CRIMINAL FACE DETECTION**" submitted in partial fulfillment of the requirement for the degree of **MASTER OF COMPUTER APPLICATIONS** to the Periyar University, Salem is a of bonafide work carried out by **P.SATHISH KUMAR, Register No: C21PG127CAP012** under supervision and guidance and that no part of the has been submitted for the award of any degree or diploma.

R.Bharathi
Signature of the Guide

Place: Tiruchengode

Date : 3.5.23

Mrs.R.BHARATHI, M.Sc., M.Phil.,

R.Bharathi
HEAD OF DEPARTMENT

(Mrs.R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the project Viva Voce Examination held on 5.5.23

R.Bharathi 3/5/23
Internal Examiner

External Examiner 5/5/23

COGNITIVE I
Intention • Action • Hope

80155 67855
F-37,First floor,Murugan Kovil Street,Fairlands,
Salem - 636 016

Date: 24.04.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **P.SATHISH KUMAR** (Reg. No: **C21PG127CAP012**) student of **Master Of Computer Applications,** Sengunthar Arts and Science College, Tiruchengode, has successfully Completed with us to do his final year project entitled "**Criminal Face Detection**" using **Java/MySQL** at Cognitive i, Salem from **December'2022** to **March'2023**.

During the period of project work his performance and conduct was found to be good.

We wish him the very best forever.

With Regards,

For Cognitive i,

24/4/23

Arunprakasam.T
Project Head

COGNITIVE I SALEM-6

ABSTRACT

Criminal record generally contains personal information about particular person along with photograph. To identify any criminal we need some identification regarding person, which are given by eyewitnesses. In most cases the quality and resolution of the recorded image-segments is poor and hard to identify a face. To overcome this sort of problem we are developing software. Identification can be done in many ways like fingerprint, eyes, DNA etc. One of the applications is face identification. The face is our primary focus of attention in social inter course playing a major role in conveying identity and emotion. Although the ability to infer intelligence or character from facial appearance is suspect, the human ability to recognize faces is remarkable.

The operator first logs into the system by entering username and password. Then depending on the work allotted he has to select the screens from main menu screen. There are mainly three important function which he can do they are adding details, clipping image and finally construction of the face by using the eyewitness. The face that is finally formed is one the who has done the crime.

5. CONCLUSION AND FUTURE ENHANCEMENT

The purpose of face identification system is to identify criminals. In past years this process is carried out by humans. This process gives the exact image of the criminal but it is very difficult to identify the criminal details and also it requires much amount of human burden. The main aim of our project is to overcome the drawbacks of human based system by using the machine based face identification process. In this process we store the details of criminal into the database along with his photo or image. Then we make the image into different clips containing hair, forehead, eyes, nose, lips and chin and store these clips into the database. When any crime occurs we compare the details given by the eyewitness with the clips already stored in the database and we will identify the criminal. This project can be extended to adjust the gaps between the clips after construction of the image to be a perfect photograph using Image processing Techniques.

CRIMINAL FACE DETECTION

A dissertation submitted in partial fulfillment of the requirements

for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem – 11

BY

P.SATHISH KUMAR

Register Number: C21PG127CAP012

Under the Guidance of

Mrs.R.BHARATHI, M.Sc.,M.Phil.,



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE - 637 205.

APRIL-2023

SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHNGODE-637205

CETIFICATE

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R.Bharathi
Signature of the Guide

Place: Tiruchengode

Date : 3.5.23

Mrs.R.BHARATHI, M.Sc., M.Phil.,

R.Bharathi
HEAD OF DEPARTMENT

(Mrs.R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the project Viva Voce Examination held on 5.5.23

R.Bharathi 3/5/23
Internal Examiner

External Examiner 5/5/23

COGNITIVE I
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80155 67855
F-37,First floor,Murugan Kovil Street,Fairlands,
Salem - 636 016

Date: 24.04.2023

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We wish him the very best forever.

With Regards,

For Cognitive i,

24/4/23

Arunprakasam.T
Project Head

COGNITIVE I SALEM-6

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The operator first logs into the system by entering username and password. Then depending on the work allotted he has to select the screens from main menu screen. There are mainly three important function which he can do they are adding details, clipping image and finally construction of the face by using the eyewitness. The face that is finally formed is one the who has done the crime.

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The purpose of face identification system is to identify criminals. In past years this process is carried out by humans. This process gives the exact image of the criminal but it is very difficult to identify the criminal details and also it requires much amount of human burden. The main aim of our project is to overcome the drawbacks of human based system by using the machine based face identification process. In this process we store the details of criminal into the database along with his photo or image. Then we make the image into different clips containing hair, forehead, eyes, nose, lips and chin and store these clips into the database. When any crime occurs we compare the details given by the eyewitness with the clips already stored in the database and we will identify the criminal. This project can be extended to adjust the gaps between the clips after construction of the image to be a perfect photograph using Image processing Techniques.

CELL BREATHING TECHNIQUES FOR LOAD BALANCING IN WIRELESS LANS

A Dissertation submitted in partial fulfillment of the requirements

for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem – 11

BY

J.VIGNESH

Register Number: C21PG127CAP013

Under the Guidance of

Mrs.T.GAYATHRI,MCA.,M.Phil.,



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE - 637 205.

APRIL-2023

SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHNGODE-637205

CETIFICATE

This is to certify that project report entitled **"CELL BREATHING TECHNIQUES FOR LOAD BALANCING IN WIRELESS LANS"** submitted in partial fulfillment of the requirement for the degree of **MASTER OF COMPUTER APPLICATIONS** to the Periyar University, Salem is a of bonafide work carried out by **J.VIGNESH, Register No: C21PG127CAP013** under supervision and guidance and that no part of the has been submitted for the award of any degree or diploma.

04/5/23

Signature of the Guide

Place: Tiruchengode

Date : 04-05-2023

Mrs.T.GAYATHRI,MCA.,M.Phil.,

4/5/23

HEAD OF DEPARTMENT

(Mrs.R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the project Viva Voce Examination held on 04-05-2023

4/5/23

Internal Examiner

4/5/23

External Examiner

COGNITIVE i
Intention • Action • Hope

80155 67855
F-37,First floor,Murugan Kovil Street,Fairlands,
Salem - 636 016

Date: 24.04.2023

TO WHOMSOEVER IT MAY CONCERN

is to certify that **J.VIGNESH** (Reg. No: **C21PG127CAP013**) student of **Master Of Computer lications,** Sengunthar Arts and Science College,Tiruchengode, has successfully Completed us to do his final year project entitled "**CELL BREATHING TECHNIQUES FOR LOAD ANCING IN WIRELESS LANS**" using **C#.NET/SQL Server** at Cognitive i, Salem from **ember'2022 to March'2023**.

ing the period of project work his performance and conduct was found to be good.

wish him the very best forever.

h Regards,

Cognitive i,

24/4/23

nprakasam.T
ject Head

COGNITIVE i SALEM-6

ABSTRACT

Maximizing network throughput while providing fairness is one of the key challenges in wireless LANs (WLANs). This goal is typically achieved when the load of access points (APs) is balanced. Recent studies on operational WLANs, however, have shown that AP load is often substantially uneven. To alleviate such imbalance of load, several load balancing schemes have been proposed. These schemes commonly require proprietary software or hardware at the user side for controlling the user-AP association. In this paper we present a new load balancing technique by controlling the size of WLAN cells (i.e., AP's coverage range), which is conceptually similar to cell breathing in cellular networks. The proposed scheme does not require any modification to the users neither the IEEE 802.11 standard. It only requires the ability of dynamically changing the transmission power of the AP beacon messages. We develop a set of polynomial time algorithms that find the optimal beacon power settings which minimize the load of the most congested AP. We also consider the problem of network-wide min-max load balancing. Simulation results show that the performance of the proposed method is comparable with or superior to the best existing association-based methods.

5. CONCLUSION

We presented a novel scheme for optimal load balancing in IEEE 802.11 WLANs. We provided rigorous analysis of the problem and presented two algorithms that find deterministic optimal solutions. The first algorithm minimizes the load of the congested AP(s) in the network, and the second algorithm produces an optimal min-max (priority) load balanced solution. These optimal solutions are obtained only with the minimal information which is readily available without any special assistance from the users or modification of the standard. We assume only the control on the transmission power of the AP beacon messages. The simulations show that even a small number of power levels, e.g., between 5 and 10, is enough to achieve near optimal results.

FUTURE ENHANCEMENT

This cell breathing mechanism has advantages over other documented schemes for a number of reasons. As already stated, it gives the network the ability to adapt to dynamically changing load conditions in a distributed fashion. Such a property is most desirable, particularly in the case of nomadic users whose mobility pattern is highly variable and causes hotspot movement throughout the network.

Another benefit of this scheme is that the load balancing procedure is transparent to network users. They are completely unaware of the transmit power changes and resulting reassociation procedures with neighbouring access points. While these characteristics are beneficial, the described algorithm does exhibit some weaknesses. The solution presented is a greedy one. Each access point is concerned with its own loading state only; the load at neighbouring access points is not considered before transmit power changes are applied. Therefore, it is possible that the cell breathing procedure could cause a load increase at an access point that is already in a congested state.

DYNAMIC ROUTING WITH SECURITY CONSIDERATIONS

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for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem – 11

BY

S.VIKRAM

Register Number: C21PG127CAP014

Under the Guidance of

Mrs.P.GAYATHRIDEVI, M.Sc (IT)., M.Phil.,M.A.,



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE - 637 205.

APRIL-2023

SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHNGODE-637205

CETIFICATE

This is to certify that project report entitled **"DYNAMIC ROUTING WITH SECURITY CONSIDERATIONS"** submitted in partial fulfillment of the requirement for the degree of **MASTER OF COMPUTER APPLICATIONS** to the Periyar University, Salem is a of bonafide work carried out by **S.VIKRAM, Register No: C21PG127CAP014** under supervision and guidance and that no part of the has been submitted for the award of any degree or diploma.

Place: Tiruchengode

Date : 04-05-2023

Signature of the Guide

Mrs.P.GAYATHRIDEVI, M.Sc (IT)., M.Phil.,M.A.,

HEAD OF DEPARTMENT

(Mrs.R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the project Viva Voce Examination held on 04-05-2023

Internal Examiner

External Examiner

COGNITIVE I
Intention • Action • Hope

80155 67855
F-37,First floor,Murugan Kovil Street,Fairlands,
Salem - 636 016

Date: 24.04.2023

TO WHOMSOEVER IT MAY CONCERN

his is to certify that **S.VIKRAM** (Reg. No: **C21PG127CAP014**) student of **Master Of Computer Applications,** Sengunthar Arts and Science College,Tiruchengode, has successfully Completed with us to do his final year project entitled "**Dynamic Routing with Security Considerations**" using **Java/MySQL** at Cognitive i, Salem from **December'2022** to **March'2023**.

During the period of project work his performance and conduct was found to be good.

We wish him the very best forever.

With Regards,

or Cognitive i,

24/4/23

runprakasam.T
roject Head

COGNITIVE I SALEM-6

ABSTRACT

Security has become one of the major issues for data communication over wired and wireless networks. To enhance the security of data transmission, existing system works on the cryptography based algorithms such as SSL, IPSec. Although IPSec and SSL accounts for great level of security, they introduce overheads. A mass of control messages exchanging also needed in order to adopt multiple path deliveries from source to destination. Different from the past work on the designs of cryptography algorithms and system infrastructures, we will propose a dynamic routing algorithm that could randomize delivery paths for data transmission. The algorithm is easy to implement and compatible with popular routing protocols, such as the Routing Information Protocol in wired networks and Destination-Sequenced Distance Vector protocol in wireless networks, without introducing extra control messages. An analytic study on the proposed algorithm is presented, and a series of simulation experiments are conducted to verify the analytic results and to show the capability of the proposed algorithm.

The main objective is to propose a dynamic routing algorithm to provide security enhanced data delivery without introducing any extra control messages. The objective of this work is to explore a security enhanced dynamic routing algorithm based on distributed routing information widely supported in existing wired and wireless networks. We aim at the randomization of delivery paths for data transmission to provide considerably small path similarity (i.e., the number of common links between two delivery paths) of two consecutive transmitted packets. The proposed algorithm should be easy to implement and compatible with popular routing protocols, such as the Routing Information Protocol (RIP) for wired networks and Destination- Sequenced Distance Vector (DSDV) protocol for wireless networks, over existing infrastructures. These protocols shall not increase the number of control messages if the proposed algorithm is adopted. An analytic study will be presented for the proposed routing algorithm, and a series of simulation study will be conducted to verify the analytic results and to show the capability of the proposed algorithm.

5. CONCLUSION AND FUTURE ENHANCEMENT

The main contribution of the project is in proposing a security-enhanced dynamic routing with security based on cryptographic algorithm, such as Blow fish algorithm in the Multi-Organization system. The main proposed of the project a dynamic routing with strong security algorithm, such as Blow fish algorithm, which is provided a fast and strong security from source to destination based on key length of algorithm. The dynamic routing could be used to a randomization of delivery paths from client to sever in the wire and wireless network. It avoids the path similarity and two same packets on the same path among the different paths in the network. This algorithm is a more performance than other algorithms such as DES, 3DES and AES .In this project main objective is provide a fast data encryption and decryption and strong security for data communication in the multiple-organization system. The objective of the project is a taking very less time for data processing to other algorithm and cost also very less to implement any kinds of the large networks ,we may use this algorithm, so The dynamic routing with security for data transmission in the multiple-organizations system.

. The proposed algorithm is easy to implement and compatible with popular routing protocols which includes RIP and DSDV in existing infrastructures. An substantial study was developed for the proposed algorithm and was verified against the experimental results. A simulation experiments were Conducted to show the capability of the proposed algorithm and for that we have very encouraging results. Thus we must point out that the pro-posed algorithm is completely orthogonal to the work based on the designs of cryptography algorithms and system infrastructures. Our security enhanced dynamic routing could be used with cryptography-based system designs to further improve the security of the data transmission over networks.

E-AUTHENTICATION SYSTEM USING QR CODE AND OTP

A dissertation submitted in partial fulfillment of the requirements

for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem – 11

BY

S.DEVIPRIYA

Register Number: C21PG127CAP015

Under the Guidance of

Mrs.T.GAYATHRI,MCA.,M.Phil.,



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE - 637 205.

APRIL-2023

SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHNGODE-637205

CETIFICATE

This is to certify that project report entitled "**E-AUTHENTICATION SYSTEM USING QR CODE AND OTP**" submitted in partial fulfillment of the requirement for the degree of **MASTER OF COMPUTER APPLICATIONS** to the Periyar University, Salem is a of bonafide work carried out by **S.DEVIPRIYA, Register No: C21PG127CAP015** under supervision and guidance and that no part of the has been submitted for the award of any degree or diploma.

04/5/23

Signature of the Guide

Place: Tiruchengode

Date : 04/05/2023

Mrs.T.GAYATHRI,MCA.,M.Phil.,

4/5/23

HEAD OF DEPARTMENT

(Mrs.R.BHARATHI, M.Sc., M.Phil.,)

PRINCIPAL

(Dr.S.RAVIKUMAR,M.Sc., M.Phil.,Ph.D.,)

Submitted for the project Viva Voce Examination held on 04/05/2023.

4/5/23

Internal Examiner

4/5/23

External Examiner

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80155 67855
F-37,First floor,Murugan Kovil Street,Fairlands,
Salem - 636 016

Date: 24.04.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **S.DEVIPRIYA** (Reg. No: **C21PG127CAP015**) student of **Master Of Computer Applications,** Sengunthar Arts and Science College, Tiruchengode, has successfully Completed with us to do her final year project entitled "**E-Authentication System using QR Code and OTP**" using **Java/MySQL** at Cognitive i, Salem from **December'2022** to **March'2023**.

During the period of project work her performance and conduct was found to be good.

We wish her the very best forever.

With Regards,

For Cognitive i,

24/4/23

Arunprakasam.T
Project Head

COGNITIVE i SALEM-6

ABSTRACT

In this project we develop E-Authentication System using QR code and OTP for the Students Attendance System. The use of QR code-based technologies and applications has become prevalent in recent years where QR codes are accepted to be a practical and intriguing data representation / processing mechanism amongst worldwide users. The aim of this study is to design and implement an alternative two-factor identity authentication system by using QR codes and to make the relevant mechanism and process that could be more user-friendly and practical than one-time password mechanisms used with similar purposes today. The proposed model in this project has been designed in order to enable the verification and validation steps with several security and networking options during the logon process. The model has been implemented by developing a two-factor identity verification system where the second factor is the user's email ID which can be accessed from PC or Mobile device and a pseudo-randomly generated alphanumerical QR code which is used as the one-time password token sent to the user via e-mail. The proposed model has been developed using Java & MYSQL languages with symmetrical and asymmetrical cryptography standards for database encryption / hashing and network infrastructure and it has been tested as a prototype where promising results are observed regarding the efficiency, speed and security requirements.

5. CONCLUSION AND FUTURE ENHANCEMENT

This project concludes that there are so many possibilities for QR Code"s use in different areas for authentication and to provide security and lot more are yet to be explored. In many countries, QR codes are used in most of the commercial market items. Essentially, QR codes are a convenient way to add the virtual to the physical to provide useful content, often at the time of need. QR codes are a low threshold technology, easy to use and implement and it's cheap. QR Code has various applications in numerous fields. Student Attendance system which involves high security transactions are made even more highly protected using QR codes .OTP distribution is made accessible by authenticated users with the help of QRcodes.

Future Enhancement:

As a Future Enhancement, this project can be developed using Android Application so the generation of the QR code and storing process is reduced and also receiving the OTP can be made directly to the Android App instead of the email so the application is more easily simplified to the users.

ATTRIBUTE BASED ENCRYPTION WITH PRIVACY PROTECTION AND ACCOUNTABILITY FOR CLOUD IOT

A dissertation submitted in partial fulfillment of the requirements

for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem – 11

BY

M.MUTHULAKSHMI

Register Number: C21PG127CAP016

Under the Guidance of

Mrs.T.GAYATHRI,MCA.,M.Phil.,



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE - 637 205.

APRIL-2023

SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHNGODE-637205

CETIFICATE

This is to certify that dissertation entitled **"ATTRIBUTE BASED ENCRYPTION WITH PRIVACY PROTECTION AND ACCOUNTABILITY FOR CLOUD IOT"** submitted in partial fulfillment of the requirement for the degree of **MASTER OF COMPUTER APPLICATIONS** to the Periyar University, Salem is a of bonafide work carried out by **M.MUTHULAKSHMI, Register No: C21PG127CAP016** under supervision and guidance and that no part of the has been submitted for the award of any degree or diploma.

Place: Tiruchengode

Date : 04.05.2023

04/5/23
Signature of the Guide

Mrs.T.GAYATHRI,MCA.,M.Phil.,

4/5/23
HEAD OF DEPARTMENT

(Mrs.R.BHARATHI, M.Sc., M.Phil.,)

PRINCIPAL

(Dr.S.RAVIKUMAR,M.Sc., M.Phil.,Ph.D.,)

Submitted for the project Viva Voce Examination held on 04.05.2023

4/5/23
Internal Examiner

External Examiner 4/5/23

COGNITIVE i
Intention • Action • Hope

80155 67855
F-37,First floor,Murugan Kovil Street,Fairlands,
Salem - 636 016

Date: 24.04.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **M.MUTHULAKSHMI** (Reg. No: **C21PG127CAP016**) student of **Master Of Computer Applications,** Sengunthar Arts and Science College, Tiruchengode, has successfully Completed with us to do her final year project entitled "**Attribute Based Encryption with Privacy Protection and Accountability for Cloud IoT**" using **Java/MySQL** at Cognitive i, Salem from **December'2022** to **March'2023**.

During the period of project work her performance and conduct was found to be good.

We wish her the very best forever.

With Regards,

For Cognitive i,

24/4/23

Arunprakasam.T
Project Head

COGNITIVE i SALEM-6

ABSTRACT

In CloudIoT platform, the data is collected and shared by IoT-enabled devices and further processed and stored on the cloud. Although CloudIoT has obvious advantages, it is important to protect the confidentiality and privacy of the data by encrypting it before uploading to the cloud. One of the major challenges in CloudIoT is to authenticate IoT devices and prevent illegal users from accessing the platform. In this regard, the study proposes an access control system model for CloudIoT platform, based on attribute-based encryption (ABE) technique. This project proposes a novel Attribute Based Encryption (ABE) scheme with privacy protection and accountability for CloudIoT environments. The scheme aims to provide secure data sharing and access control in a dynamic and resource-constrained cloud environment, where a large number of Internet of Things (IoT) devices generate sensitive data.

The proposed scheme utilizes a privacy-preserving authentication mechanism and a multi-authority ABE scheme to achieve secure data sharing and accountability. The model involves five entities, namely, data owner, data user, attribute authority, cloud server, and auditor. The attribute authority generates system parameters and issues access credentials to data owner and data user. The data owner encrypts messages using relevant access structures and outsources the ciphertext to the cloud server. Each ciphertext is related to an access structure, and the private key of the data user is related to an attribute set. The authorized data user can decrypt the outsourced data if his/her attribute set satisfies the access structure. In case of doubts by the data owner regarding leaked access credentials, an auditor is required to take charge of audit and returns the trace and audit results to data owner and data user. The proposed system provides a secure and efficient access control mechanism for CloudIoT with accountability and privacy protection. Overall, the proposed scheme offers a practical solution to secure data sharing in the CloudIoT environment and can have significant implications for various real-world applications.

5. CONCLUSION AND FUTURE ENHANCEMENT

In conclusion, the proposed access control system model based on Attribute-Based Encryption (ABE) for CloudIoT platform with privacy protection and accountability provides a promising solution to address the security and privacy challenges in CloudIoT. By leveraging ABE, the system achieves secure data transmission, storage, and sharing, while preserving the confidentiality and privacy of the data. The model includes five entities, namely data owner, data user, attribute authority, cloud server, and auditor, which work together to ensure the integrity and traceability of the system. Compared to earlier systems, the proposed system offers several advantages, including efficient and secure access control, privacy-preserving authentication, and accountability for potential abuse or leakage of access credentials. However, the system may have some limitations or trade-offs, such as the overhead of audit and traceability, the complexity of the system, or the suitability for certain types of data and access patterns.

Overall, the proposed system presents a significant contribution to the field of CloudIoT security and can be a valuable reference for future research and development in this area. The system can help ensure the confidentiality, integrity, and availability of sensitive data in CloudIoT and promote the adoption and growth of this promising technology.

Future Enhancement:

There are several possible future enhancements for the proposed access control system model based on Attribute-Based Encryption (ABE) for CloudIoT platform with privacy protection and accountability. Some of them are:

- Performance optimization: The proposed system may have certain overheads due to the use of ABE and audit and traceability mechanisms. Future research can focus on optimizing the performance of the system by exploring new techniques, algorithms, and architectures that can reduce the computation and communication costs.
- Integration with blockchain: Blockchain technology can provide a decentralized and tamper-proof mechanism for audit and traceability, which can enhance the accountability and transparency of the system. Future research can investigate the integration of ABE-

ONLINE BUG TRACKING SYSTEM

A dissertation submitted in partial fulfillment of the requirements

for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem – 11

BY R.PRIYADHARSHINI

Register Number: C21PG127CAP017

Under the Guidance of

Mrs.R.BHARATHI, M.Sc., M.Phil.,



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY

TIRUCHENGODE - 637 205.

APRIL -2023

SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHNGODE-637205

CETIFICATE

This is to certify that project report entitled **"ONLINE BUG TRACKING SYSTEM"** submitted in partial fulfillment of the requirement for the degree of **MASTER OF COMPUTER APPLICATIONS** to the Periyar University, Salem is a of bonafide work carried out by **R.PRIYADHARSHINI, Register No: C21PG127CAP017** under supervision and guidance and that no part of the has been submitted for the award of any degree or diploma.

R.Bh 4/5/23
Signature of the Guide

Place: Tiruchengode

Date : 04/05/2023

Mrs.R.BHARATHI, M.Sc., M.Phil.,

R.Bh 4/5/23
HEAD OF DEPARTMENT

(Mrs.R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the project Viva Voce Examination held on 04/05/2023

R.Bh 4/5/23
Internal Examiner

External Examiner 4/5/23

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80155 67855
F-37,First floor,Murugan Kovil Street,Fairlands,
Salem - 636 016

Date: 24.04.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **R.PRIYADHARSHINI** (Reg. No: **C21PG127CAP017**) student of **Master Of Computer Applications,** Sengunthar Arts and Science College, Tiruchengode, has successfully Completed with us to do her final year project entitled **"Online Bug Tracking System"** using **PHP/MySQL** at Cognitive i, Salem from **December'2022** to **March'2023**.

During the period of project work her performance and conduct was found to be good.

We wish her the very best forever.

With Regards,

For Cognitive i,

24/4/23

Arunprakasam.T
Project Head

COGNITIVE i SALEM-6

Abstract

Nowadays, when project are so extensive, defects or bugs have been existed as a problem in the system and they are normally inevitable in software development. A bug could be in either a program's source code or its design. Huge amount of bugs could be found in system development. It is relatively difficult to manage bugs in simple word documents or remember everything in one's head. Because of that, it becomes very important to have appropriate bug tracking tool. Bug tracking tool makes communication between teams more effective and all the bugs and changes are recorded in web based system and hence the system is scalable. The purpose of this paper is to study different bug tracking tools, and purpose new set of selection criteria that gives more satisfying solution, as the industry needs criteria to select the best tool among the available set of tools that will help in fixing and tracking the progress of bug fixes.

Online Bug Tracking System on the Web is a web-based code bug tracking system which runs on the web portal. It is a open source package which is written in the PHP scripting language and it works with the pre-requisites MySQL Database, Microsoft SQL Database and PostgreSQL databases and the webserver. It can be installed on the different operating system such as Windows and Linux. Almost all the web browsers will be able to work as a client for tracking system. The Bug Tracking system generates the quick links to the auto generated individual searches such as like open issues, various Milestone to dolist, Most nonvoted issues and the Project wish list for all the different projects in a tracking system. These all the quick searches can also be easily accessed from the different Issues in the system and whenever users or developers in the project space of the bug tracking system. It is the intelligent search that lets you to specify the number of every code debugged in seconds for finding the most recent issues in real-time. The bug tracking system can easily debug the project codes in online user interface on the web. It is open source and easier for developers to work on it.

5. CONCLUSION AND FUTURE ENHANCEMENT

Existing bug tracking systems do not effectively accumulate all of the information needed by developers. Without this information developers cannot resolve bugs in a timely fashion and so we believe that improvements to the way issue tracking systems collect information are needed. We summarized criteria that are used in modem bug tracking systems. Such criteria often doesn"t give appropriate results in describing bug. So, we proposed an improved set of criteria that will give much more satisfying solution for the current system. This work can be important to the designers of the future bug and defect tracking systems. They should know importance of selection criteria for describing bug, because a well described bug will be easier to be trace and solved.

A survey on block chain technology evolution architecture and security

A project report submitted in partial fulfillment of the requirements for the award of the degree of

MASTEROFCOMPUTERSCIENCE

to the

PeriyarUniversity,Salem–11

By

KARTHICKRAJA.S

Reg.No: C21PG127CSC001

Under the Guidance of

Mrs.T.GAYATHRIM.C.A.,M.Phil.,

PGANDRESEARCHDEPARTMENTOFCOMPUTERSCIENCE

SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATEDTOPERIYARUNIVERSITY)

TIRUCHENGODE – 637 205.

APRIL –2023

SENGUNTHARARTSANDSCIENCECOLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)
TIRUCHENGODE – 637 205

CERTIFICATE

This is to certify that the project report entitled **"A survey on blockchain technology evolution architecture and security"** submitted inpartial fulfillment of the requirement for the degree of Master of computer science to the periyar university, Salem is a record of bonafide work carried out by **KARTHICKRAJAS.** Register No: **C21PG127CSC001** under supervision and guidance and that no part of the report has been submitted for the award of any degree or diploma.

Place:Tiruchengode Date
: 04.05.2023

04/5/23.

SIGNATUREOFTHEGUIDE

lrs.T.GAYATHRIM.C.A.,M.Phil,)

4/5/23

HEADOFTHE DEPARTMENT

(Mrs.R.BHARATHI,M.Sc.,M.Phil.,)

Submitted for the Viva-voce Examination held on 04/05/2023

04/5/23

InternalExaminer

External Examiner

A SURVEY ON BLOCKCHAIN TECHNOLOGY EVOLUTION ARCHITECTURE AND SECURITY

ABSTRACT

Blockchain is an emerging digital technology allowing ubiquitous financial ransactions among distributed untrusted parties, without the need of intermediaries such as anks. This article examines the impact of blockchain technology in agriculture and food upply chain, presents existing ongoing projects and initiatives, and discusses overall mplications, challenges and potential, with a critical view over the maturity of these projects.

Our findings indicate that blockchain is a promising technology towards a transparent supply chain of food, with many ongoing initiatives in various food products and food-related issues, but many barriers and challenges still exist, which hinder its wider popularity among farmers and systems. These challenges involve technical aspects, education, policies and regulatory frameworks.

CONCLUSION

Summing up, blockchain is a promising technology towards a transparent supply chain of food, but many barriers and challenges still exist, which hinder its wider popularity among farmers and food supply systems. The near future will show if and how these challenges could be addressed by governmental and private efforts, in order to establish blockchain technology as a secure, reliable and transparent way to ensure food safety and integrity. It is very interest to see how blockchain will be combined with other emerging technologies towards higher automation of the food supply processes, enhanced with full transparency and traceability. As a result the bitcoin sha – 256 algorithm proves it is faster , accurate and less likely traceable when compared with the previous algorithm

CONGESTION FREE SMART DEVICE BYCACHING INFORMATION IN MANET AND IOT

A Project report submitted in partial fulfillment of the requirement

for the award of the degree of

MASTER OF COMPUTER SCIENCE

to the

Periyar University, Salem-11

By

S.GEETHASHRI

REG.No: C21PG127CSC004

Under the guidance of

P.GAYATHRIDEVI M.Sc., M.Phil.,M.A.YOGA

PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE-637 205

APRIL-2023

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENCODE -637205

CERTIFICATE

This is to certify that the project report entitled **"Congestion Free Smart Device By Caching Information In Manet And Iot"** submitted in partial fulfillment of the requirement forthe award of the degree of **Master of Computer Applications** to the Periyar university, Salem is a record of bonafide work carried out by S.Geethashri, **Register No : C21PG127CSC004** under Supervision and guidance and that no part of the report has been submitted for the award for any degree or diploma .

Place: Tiruchengode

Date: 4.5.2023

3/4/23

Signature of the Guide
(P.GAYATHRIDEVI, M.Sc., M.Phil., M.A yoga)

4/5/23

HEAD OF THE DEPARTMENT
(Mrs.R.BHARATHI M.Sc.,M.Phil.,)

Submitted for the viva-vice examination held on 4.5.2023

4/5/23

Internal Examiner

4/5/23

External Examiner

COGNITIVE i
Intention • Action • Hope

80155 67855
F-37,First floor,Murugan Kovil Street,Fairlands,
Salem - 636 016

Date: 24.04.2023

TO WHOMSOEVER IT MAY CONCERN

his is to certify that **S.GEETHASHRI** (Reg. No: **C21PG127CSC004**) student of **M.Sc.,(Computer cience)**, Sengunthar Arts and Science College, Tiruchengode, has successfully Completed with s to do her final year project entitled **"Congestion free smart devices by catching information n MANET and IoT"** using JAVA at Cognitive i, Salem from December'2022 to March'2023.

)uring the period of project work her performance and conduct was found to be good.

Ve wish her the very best forever.

Vith Regards,

For Cognitive i,

24/4/23

Arunprakasam.T
Project Head

COGNITIVE i SALEM-6

ABSTRACT

Mobile ad-hoc networks (MANETs) comprise a large number of mobile wireless nodes that can move in a random fashion with the capability to join or leave the network anytime. Due to the rapid growth of devices on the Internet of Things (IoT), a large number of messages are transmitted during information exchange in dense areas. It can cause congestion that result in increasing transmission delay and packet loss. This problem is more severe in larger networks with more network traffic and high mobility that enforces dynamic topology. To resolve these issues, we present a bandwidth aware routing scheme (BARS) that can avoid congestion by monitoring residual bandwidth capacity in network paths and available space in queues to cache the information. The amount of available and consumed bandwidth along with residual cache must be worked out before transmitting messages. The BARS utilizes the feedback mechanism to intimate the traffic source for adjusting the data rate according to the availability of bandwidth and queue in the routing path.

5. CONCLUSION AND FUTURE ENHANCEMENT

5.1 CONCLUSION

The proposed scheme presents the bandwidth aware routing where the current network status is evaluated in terms of residual bandwidth and residual size of interface queue to cache the information. Packet from source to destination node can suffer from mutual interference between packets in the same flow that can cause congestion. To manage the congestion, Hello messages are used to predict residual bandwidth on a link by taking average of most recent values of residual bandwidth and cached entries in queues at intermediaries by checking queue sizes. Next, the estimation of consumed bandwidth involves the maximum amount of bandwidth that each node can support. On the basis of residual bandwidth, the source node transmits data packets accordingly and manages re-establishment of broken links by adopting capabilities of caching, computation and communication. The algorithm detects route break during neighbor discovery when Hello message is not received at neighbor node. To check the impact of proposed BARS, a number of simulations have been carried out to check its performance using NS 2.35. C language has been used to implement functionality for bandwidth estimation, rate control and queue management. Perl scripts are used to get results from a number of trace files obtained for existing and proposed schemes. Results show that the proposed BARS scheme outperforms counterparts in terms of packet delivery ratio, end-to-end delay, packet loss and throughput and probability for existence of congested node for static and dynamic scenarios. In future, we shall include quality of service factors like energy aware route selection in combination with bandwidth estimation.

5.2 FUTURE ENHANCEMENT

We will compare the extra power that CPU consumes for computing fingerprints with the power that the storage saves, thus systematically investigating the energy efficiency of POD.

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PG-DEPARTMENT OF COMPUTER SCIENCE

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Class: II-MCA/Sem-III(2021-23 Batch)

Mini Project Title

S.No	Roll.No	Reg.No	Name of the student	Title of the project
1	21M901	C21PG127CAP001	S.Ajay	Iot Early Flood Detection & Avoidance
2	21M904	C21PG127CAP003	N.Dinesh	Iot Based Circuit Breaker
3	21M905	C21PG127CAP004	A.Gokul	Iot Based Air Pollution Mointoring System
4	21M906	C21PG127CAP005	P.Jayaprakash	Congestion Avoidance For Smart Device By Caching Information Manet And Iot
5	21M907	C21PG127CAP006	P.Kaviyarasan	Smart Irrigation System Using Iot
6	21M908	C21PG127CAP001	K.Maltheesh	Disaster Management Flood Control Using Iot
7	21M909	C21PG127CAP007	S.Midhunkumar	Antitheft Detection System Using Iot
8	21M910	C21PG127CAP008	P.Ranjithkumar	Greenhouse Monitoring Using Raspberry Pi
9	21M911	C21PG127CAP009	B.Santhoshkumar	Online Crime Reporting System
10	21M912	C21PG127CAP010	V.Saran	Iot Based Smart Lamp For Smart Cities
11	21M913	C21PG127CAP011	P.Sathishkumar	Enabling Technologies For The Internet Of Health Things
12	21M914	C21PG127CAP012	J.Vignesgh	Online Examination System
13	21M915	C21PG127CAP013	S.Vikram	Id Card Generator Using Python
14	21M916	C21PG127CAP014	S.Devipriya	Solar Power Monitoring System
15	21M917	C21PG127CAP015	M.Muthulakshmi	Home Water Leakage Detection And Monitoring System Using Iot
16	21M918	C21PG127CAP016	R.Priyadharshini	Iot Based Home Automation For Paralyzed Patients Through Eyeblinck

R. Br 08/5/23
HOD

PRINCIPAL

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

SENGUNTHAR ARTS AND SCIENCE COLLEGE 637 205 NAMAKKAL DT TIRUCHENGODE

IOT EARLY FLOOD DETECTION & AVOIDANCE

A project report submitted in partial fulfillment of the requirements for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem – 11

By
S.AJAY

Reg. No: C21PG127CAP001

Under the Guidance of

P.GAYATHRIDEVI.,M.Sc(IT).,M.Phil., M.A.Yoga.,



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE
SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)
TIRUCHENGODE – 637 205.

NOV-DEC– 2022

SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)
TIRUCHENGODE – 637 205

CERTIFICATE

This is to certify that the project dissertation entitled **"IOT EARLY FLOOD DETECTION & AVOIDANCE"** submitted in partial fulfillment of the requirement for the degree of Master of computer science to the periyar university, Salem is a record of bonafide work carried out by S.AJAY Register No: C21PG127CAP001 under supervision and guidance and that no part of the report has been submitted for the award of any degree or diploma.

Place : Tiruchengode

Date : 02.12.2022

SIGNATURE OF THE GUIDE
(Mrs.P.GAYATHRIDEVI.,M.Sc(IT).,M.Phil.,M.A.yoga)

HEAD OF THE DEPARTMENT
(Mrs. R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the Viva-voce Examination held on 02.12.2022

Internal Examiner

External Examiner

ABSTRACT

Flood is unavoidable natural disaster, causing heavy flow of traffic and can also cause severe damage to properties and lives. Early flood detection and avoidance is an intelligent system which keeps close watch over various natural factors to predict a flood, so we can embrace ourselves for caution to minimize the damage caused by the flood. Main objective is to provide information on current water level in the particular area, such as river and drain. When, the water level increases beyond water level, using different sensors at different fields can detect water level and water flow at different sources can avoid flood in the areas near water bodies and then system sends alert notification to the citizens.

```
{
digitalWrite(20,HIGH);
lcd.clear();
lcd.setCursor(0,1);
lcd.print("Water level is rising. Kindly evacuate");
delay(2000);
}
else
{
digitalWrite(20,LOW);
delay(2000);
}
}
```

D.Conclusion

The Flood Observatory System is designed to be an intelligent gadget which is capable of sending real time water level information from a remote location to a monitoring station which could be at a distance away, regardless of time. The Flood Observatory System is a standalone unit which requires no additional devices or system to work with it. The selfmonitoring in the Flood Observatory System ensures that the system performs efficiently and reliably for the monitoring station. At the event of a system failure, which includes failure in the sensor unit and power supply unit failure will be notified to the monitoring station personnel in real time basis. The Flood Observatory System can be linked to a visual and audio unit to display warnings and alerts the users via text displays or traffic light system in an event of flooding. The implementation cost is invaluable to the efficiency and usefulness of the system towards mankind. The practicality of the system helps to minimize overheads due to floods and also prevents catastrophe at flood prone locations. A system for flood monitoring and alert system was developed especially for critical flood prone remote locations to ensure mankind safety and savings to all sectors.

IOT BASED CIRCUIT BRERAKER

A project report submitted in partial fulfillment of the requirements for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem – 11

By

N.DINESH

Reg. No: C21PG127CAP003

Under the Guidance of

Mrs.T.GAYATHRI.,MCA.,M.Phil.,



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE – 637 205.

NOV-DEC– 2022

SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)
TIRUCHENGODE – 637 205

CERTIFICATE

This is to certify that the project dissertation entitled **"Iot based Circuit Breraker"** submitted in partial fulfillment of the requirement for the degree of Master of computer science to the periyar university, Salem is a record of bonafide work carried out by N.DINESH Register No: C21PG127CAP003 under supervision and guidance and that no part of the report has been submitted for the award of any degree or diploma.

Place : Tiruchengode

Date : ০২.১২.২২

SIGNATURE OF THE GUIDE

(Mrs.T.GAYATHRI MCA.,M.Phil.,)

HEAD OF THE DEPARTMENT

(Mrs. R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the Viva-voce Examination held on ০২.১২.২০২২

Internal Examiner

External Examiner

ABSTRACT

The project is designed to shut down a power supply when it is overloaded by using a super-fast electronic circuit breaker. The concept of electronic circuit breaker came into focus realizing that the conventional circuit breakers such as MCBs take longer time to trip. Therefore, for sensitive loads, it is very important to activate a tripping mechanism at the shortest possible time, preferably instantaneously. The electronic circuit breaker is based on the voltage drop across a series element proportional to the load current, typically a low-value resistor. This voltage is sensed and rectified to DC, and then is compared with a preset voltage by a level comparator to generate an output that drives a relay through the MOSFET to trip the load. The relay use in place of a semiconductor switch is preferred because such solid state switches would invariably fail in case of accidental short circuits. A circuit breaker is automatic operated switch designed to shut down the power supply when overloaded.

The tripping depends on the current passing through the CTs which is connected in series with load. It uses the PIC- microcontroller into which program is dumped for the operation. The unit is extremely fast and over comes the drawback of thermal type circuit breaker like MCB based on a thermal bimetal lever-trip mechanism which is very slow.

CONCLUSION

By performing this project we can say that this project is used to operate the Electrical devices from very far distance. We can control the devices from any location of world just by sending SMS.

In this system, the time and life of the maintenance worker is saved. Maintenance worker will switch off the electric supply of pole by sending SMS. He will do the maintenance work easily without any risk. After completing the maintenance he will send the SMS to switch on the electric supply of pole.

So circuit break operation can be done by sending SMS using GSM. So our system is IoT based as we can control the switching any time and from any place

IOT BASED AIR POLLUTION MONITORING SYSTEM

A project report submitted in partial fulfillment of the

requirementfor the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem-11

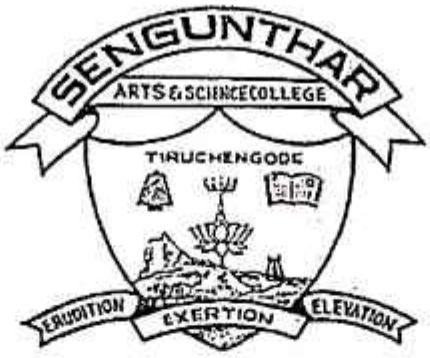
By

A.GOKUL

REG.No : C21PG127CAP004

Under the guidance of

P.GAYATHRIDEVI M.Sc(IT).,M.Phil.,M.Ayoga



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE-637 205

DEC-2022

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENCODE-637205

CERTIFICATE

This is to certify that the dissertation entitled **"IOT BASED AIR POLLUTION MONITORING SYSTEM "** submitted in partial fulfillment of the requirement for the award of the degree of **Master of Computer Applications** to the Periyar university, salem is a record of bonafide work carried out by **A.GOKUL, Register No: C21PG127CAP004** under Supervision and guidance and that no part of the report has been submitted for the award for anydegree or diploma .

Place: Tiruchengode

Date: 02.12.2022

Signature of the Guide

P.GAYATHRIDEVI M.Sc(IT).,M.Phil.,M.Ayoga

Head of the Department

(Mrs.R.BHARATHI M.Sc.,M.Phil.,)

Submitted for the viva-vice examination held on 02.12.2022

Internal Examiner

External Examiner

ABSTRACT

Air quality observation is that the method of mensuration the standard of air that gift within the atmosphere exploitation IoT. the most objective of the Air quality display is to live the standard of the gases quality of air within the Atmosphere. so air quality observation techniques square measure necessary to confirm the nice quality of air, in order that it will with success monitor the wide ranges of gases and their danger. The contaminated gases that square measure extremely active, additionally it affects heaps of lives in one and differently. in comparison to the tactic of commutation the total pollution level. Air qualitytechniques square measure necessary to confirm sensible quality of the gaseswithin the open atmosphere. This project deals with the entire analysis of the advance of air constant properties and it's Quality with the assistance of the web ofthings (IoT). With a similar objective the literature review is undertaken on utilization of the IoT platform for the advance of the Air and their performancewas mentioned

5. CONCLUSION

The system to monitor the air of environment using Arduino microcontroller, IOT Technology is proposed to improve quality of air. With the use of IOT technology enhances the process of monitoring various aspects of environment such as air quality monitoring issue proposed in this paper. Here, using the MQ135 and MQ6 gas sensor gives the sense of different type of dangerous gas and arduino is the heart of this project. Which control the entire process. Wi-Fi module connects the whole process to internet and LCD is used for the visual Output

CONGESTION AVOIDENCE FOR SMART DEVICE BY CACHING INFORMATIOIN MANET AND IOT

The A project report submitted in partial fulfillment of the requirements for the award of degree of

MASTER OF COMPUTER APPLICATIONS

To the
Periyar University, Salem – 11
By

P.JAYAPRAKASH

Reg. No: C21PG127CAP005

Under the Guidance of

Mrs.T.GAYATHRI MCA., M.Phil.,



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE – 637 205.
NOV-DEC– 2022

CERTIFICATE

This is to certify that the project dissertation entitled "**CONGESTION AVOIDENCE FOR SMART DEVICE BY CACHING INFORMATIOIN MANET AND IOT**" submitted in partial fulfillment of the requirement for the degree of Master of computer science to the periyar university, Salem is a record of bonafide work carried out by P.JAYAPRAKASH Register No: C21PG127CAP005 under supervision and guidance and that no part of the report has been submitted for the award of any degree or diploma.

Place : Tiruchengode

Date : 02-12-22

02/12/22

SIGNATURE OF THE GUIDE

(Mrs.T.GAYATHRI MCA.,M.Phil.,)

2/12/22

HEAD OF THE DEPARTMENT

(Mrs. R.BHARATHI M.Sc., M.Phil.,)

Submitted for the Viva-voce Examination held on 02/12-2022

2/12/22

Internal Examiner

02/12/22

External Examiner

ABSTRACT

Mobile ad-hoc networks (MANETs) comprise a large number of mobile wireless nodes that can move in a random fashion with the capability to join or leave the network anytime. Due to the rapid growth of devices on the Internet of Things (IoT), a large number of messages are transmitted during information exchange in dense areas. It can cause congestion that results in increasing transmission delay and packet loss. This problem is more severe in larger networks with more network traffic and high mobility that enforces dynamic topology. To resolve these issues, we present a bandwidth aware routing scheme (BARS) that can avoid congestion by monitoring residual bandwidth capacity in network paths and available space in queues to cache the information. The amount of available and consumed bandwidth along with residual cache must be worked out before transmitting messages. The BARS utilizes the feedback mechanism to intimate the traffic source for adjusting the data rate according to the availability of bandwidth and queue in the routing path.

CONCLUSION

The proposed scheme presents the bandwidth aware routing where the current network status is evaluated in terms of residual bandwidth and residual size of interface queue to cache the information. Packet from source to destination node can suffer from mutual interference between packets in the same flow that can cause congestion. To manage the congestion, Hello messages are used to predict residual bandwidth on a link by taking average of most recent values of residual bandwidth and cached entries in queues at intermediaries by checking queue sizes. Next, the estimation of consumed bandwidth involves the maximum amount of bandwidth that each node can support. On the basis of residual bandwidth, the source node transmits data packets accordingly and manages re-establishment of broken links by adopting capabilities of caching, computation and communication. The algorithm detects route break during neighbor discovery when Hello message is not received at neighbor node. To check the impact of proposed BARS, a number of simulations have been carried out to check its performance using NS 2.35. C language has been used to implement functionality for bandwidth estimation, rate control and queue management. Perl scripts are used to get results from a number of trace files obtained for existing and proposed schemes. Results show that the proposed BARS scheme outperforms counterparts in terms of packet delivery ratio, end-to-end delay, packet loss and throughput and probability for existence of congested node for static and dynamic scenarios. In future, we shall include quality of service factors like energy aware route selection in combination with bandwidth estimation.

SMART IRRIGATION SYSTEM USING IOT

A project report submitted in partial fulfillment of the requirements for the award of the degree of

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to the

Periyar University, Salem – 11

By

P. KAVIYARASAN

Reg. No: C21PG127CAP006

Under the Guidance of

Mrs.P.GAYATHRIDEVI., MSC(IT)., M.Phil.,M.A YOGA.,



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE – 637 205.

NOV-DEC– 2022

SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)
TIRUCHENGODE – 637 205

CERTIFICATE

This is to certify that the project dissertation entitled **"Smart Irrigation System Using Iot"** submitted in partial fulfillment of the requirement for the degree of Master of computer Applications to the periyar university, Salem is a record of bonafide work carried out by P.KAVIYARASAN Register No: C21PG127CAP006 under supervision and guidance and that no part of the report has been submitted for the award of any degree or diploma.

Place : Tiruchengode
Date : 02-12-2022

2/12/22 2/12/22

SIGNATURE OF THE GUIDE **HEAD OF THE DEPARTMENT**

(Mrs.P.GAYATHRIDEVI M.Sc(IT).,M.Phil.,M.A.yoga) (Mrs.R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the Viva-voce Examination held on 02-12-2022

2/12/22 02/12/22

Internal Examiner External Examiner

ABSTRACT

Agriculture is the major source of income for the largest population in India and is major contributor to Indian economy. The Internet of Things (IOT) is a technology where in a mobile device can be used to monitor the function of a device. Internet of Things (IOT) is a type of network technology, which senses the information fromdifferent sensors and makes anything to join the Internet to exchange information. This will be done employinga higher communication device like a Wi-Fi module. The data processed by the sensors is converted to meaningful data and relayed to the user. The user can view the data with the help of a handheld device such asa mobile phone or a tablet. This project helps the farmers to irrigate the farmland in an efficient manner with automated irrigation system based on soil moisture. The proposed system has been designed to overcome the unnecessary water flow into the agricultural lands. Temperature, moisture and humidity numerical values are always being continuously monitored by using temperature, moisture and humidity sensor and send these values to the assigned mobile. Android application continuously collects the data from that assigned IP address. Once the soil moisture values are exceeded the particular limit then the relay, which is connected to the ARDUINO microcontroller controls the Automation of irrigation system using IOT 79 motor. The motor status indicates thecurrent status of the pump. Then required water is supplied to the crop.

CONCLUSION

The utilization of horticulture organizing innovation is need of the advanced rural improvement, yet additionally a significant image of things to come level of rural improvement; it will be the future heading of agrarian advancement. In the wake of building the rural water system framework equipment and breaking down and inquiring about the system chain of importance highlights, usefulness and the comparing programming designof accuracy agribusiness water system frameworks, really applying the web of things to the profoundly viable and safe rural creation significantly affects guaranteeing the effective utilization of water assets just as guaranteeing the productivity and strength of the horticultural generation. With greater headway in the field of IOT expected in the coming years, these frameworks can be increasingly productive, a lot quicker and less costly. In the Future, this framework can be made as a savvy framework, where in the framework predicts client activities, precipitation design, time to collect, creature interloper in the field and conveying the data through trend setting innovation like IOT can be actualized with the goal that rural framework can be made free of human activity and thus quality and colossal amount yield can be acquired.

RASPBERRY PI BASED SMART WIFI DOOR BELL

A project report submitted in partial fulfillment of the requirements for the award of the degree of

MASTER OF COMPUTER APPLICATION

To the

Periyar University, Salem – 11

By

K.MAITHEESH

Reg. No: C21PG127CAP007

Under the Guidance of

Mrs. R.BHARATHI M.Sc., M.Phil.



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE – 637 205.

NOV-DEC– 2022

CERTIFICATE

This is to certify that the project report entitled **"RASPBERRY PI BASED SMART WIFI DOOR BELL"** submitted in partial fulfillment of the requirement for the degree of Master of Computer Application to the periyar university, Salem is a record of bonafide work carried **out by K.MAITHEESH Register No: C21PG127CAP007** under supervision and guidance and that no part of the report has been submitted for the award of any degree or diploma.

Place: Tiruchengode,

Date: 02-12-2022

R. Bharathi

SIGNATURE OF THE GUIDE

(Mrs. R.BHARATHI M.Sc., M.Phil.)

R. Bharathi 2/12/22

HEAD OF THE DEPARTMENT

(Mrs. R.BHARATHI M.Sc., M.Phil.)

Submitted for the Viva-voce Examination held on 02-12-2022

R. Bharathi 2/12/22

Internal Examiner

K. Raj 22/12/22

External Examiner

ABSTRACT

This project presents a real time smart door system for home security. Most of the proposed smart home systems try to bring solutions for this security problem, but many of those systems use numerous sensor devices. With the increasing security issues, it is necessary to use new technologies. Video based smart home security systems have recently become an efficient approach with the development of video technology and Raspberry Pi is a strong and reliable embedded system device for the complex and challenging tasks. Using these technologies in the proposed system will bring several advantages in providing safety and security in terms of visualizing and identifying people who visit the home. In the overall proposed system, there will be two different significant techniques to provide home security. One is to use video technology to see the front door in real time even if the home is empty and another is to provide communication between the door system and smart phone device. By connecting the smart door system with the mobile phone through the cellular network, the owner of the house may have several opportunities such as controlling the house, getting instant video streaming, receiving and sending message, talking to the visitor and starting the alarm system. The experimental results indicate that the proposed system may provide a consistent support and assistance for safe and secure life.

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ANTI-THEFT DETECTION SYSTEM USING

Raspberry Pi

A project report submitted in partial fulfillment of the requirements for the award of the degree of

MASTER OF COMPUTER APPLICATION

To the

Periyar University, Salem – 11

By

MIDHUNKUMAR.S

Reg. No: C21PG127CAP008

Under the Guidance of

Mrs. R.BHARATHI M.Sc., M.Phil.



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE – 637 205.

NOV-DEC– 2022

CERTIFICATE

This is to certify that the project report entitled "**Anti-theft detection system**" submitted in partial fulfillment of the requirement for the degree of Master of Computer Application to the periyar university, Salem is a record of bonafide work carried **out by MIDHUNKUMAR.S Register No: C21PG127CAP008** under supervision and guidance and that no part of the report has been submitted for the award of any degree or diploma.

Place: Tiruchengode,

Date: 02/12/2022

R.Bharathi 1/12/22

SIGNATURE OF THE GUIDE

(Mrs. R.BHARATHI M.Sc., M.Phil.)

R.Bharathi 1/12/22

HEAD OF THE DEPARTMENT

(Mrs. R.BHARATHI M.Sc., M.Phil.)

Submitted for the Viva-voce Examination held on 02/12/2022

R.Bharathi 2/12/22

Internal Examiner

K.Raj 02/12/22

External Examiner

ABSTRACT:

Recently security matter have grown tremendously, it is necessary for all to be able to safeguard their property from all worldly harms such as theft, destruction of property etc. As the technology is rising, the methodologies which are used by thieves and robbers are also equally improved in stealing. To Monitor and to investigate we use CCTV cameras. In monitoring, CCTV camera is expensive because of the use of a computer. It takes too much space for continuous recording and it also need manpower to discover the unauthorized Activity. Compare to actual System Raspberry Pi is much reasonable with better resolution and low power utilization features. This Project "IoT based anti theft flooring system using Raspberry Pi" where we will use image processing on live video to identify theft using motion and also feature the area where the act occurred. Image is send through IoT(on 'Gmail account of owner').Technology has reached a stage where mounting cameras to capture video imagery is cheap, but finding available human resources to sit and watch is imagery. In this system, we use a camera along with raspberry pi along with a circuit with LCD display IR for night vision and cloud for storage. As soon as camera gesture is detected in camera, the network uses image processing to detect an exact area of incident and highlights it accordingly

CONCLUSION:

The research work that will be carried out in this thesis would be mainly focused to design and develop efficient and convenient motion detection surveillance i.e. an Antitheft device to solve security problems which will help to reduce/stop theft. This system is suitable for small personal area surveillance. I.e. personal office cabin, bank locker room, parking entrance. Whenever the motion is detected through. The main Advantage of the project is Easy to implement, Low cost with High quality

ONLINE CRIME REPORTING SYSTEM

A project report submitted in partial fulfillment of the requirements for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem – 11

By

B.SANTHOSH KUMAR

Reg. No: C21PG127CAP010

Under the Guidance of

Mrs.R.BHARATHI M.Sc.,M.Phil



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE – 637 205.

NOV-DEC– 2022

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE – 637 205

CERTIFICATE

This is to certify that the project dissertation entitled **"ONLINE CRIME REPORTING SYSTEM**

submitted in partial fulfillment of the requirement for the degree of Master of computer application to the periyar university , Salem is a record of bonafide work carried out by **SANTHOSH**

submitted for the award of any degree or diploma.

Place : Tiruchengode

Date; 02.12.2022

R.Bh 2/12/22

SIGNATURE OF THE GUIDE

(Mrs.R.BHARATHI M.Sc.,M.Phil)

R.Bh 2/12/22

HEAD OF THE DEPARTMENT

(Mrs. R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the Viva-voce Examination held on 02.12.2022

R.Bh 2/12/22

Internal Examiner

K.Raj 2/12/22

External Examiner

ABSTRACT

Abstract --- Here we want to create an online crime reporting system software which is well accessible to the general public, the department of local government and there-fore the body department. The traditional public in Asian country is afraid to lodge a grievance as a result of their full of a false worry regarding the department of local government. A web grievance registering system can allay the fears of the general public and can conjointly facilitate within the public serving to the department of local government in catching criminals. This system has been taken as a protective and safety based application for both public and government interest.

CONCLUSION

The Online Crime Reporting System is a web application system which is too much helpful for all the common people, government organization and different societies. This is based on a very simple and non-complex approach. This has been created as a safety measure for all section of people and societies. Anything which is against the law or anyone who is violating the law will now have some fear as now filing an FIR is much easier than it was before. The Online Crime Reporting System is a success with satisfaction from both the people and government organizations. This has been tested and is a success. So, this make

Fake Detector Effective Fake News detection with deep diffusion neural network

A project report submitted in partial fulfillment of the requirements for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem – 11

By

U.SARAN

Reg. No: C21PG127CAP011

Under the Guidance of

Mrs.P.GAYATHRIDEVI M.Sc(IT)., M.Phil.,M.A YOGA



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE – 637 205.

NOV-DEC– 2022

SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)
TIRUCHENGODE – 637 205

CERTIFICATE

This is to certify that the project dissertation entitled **"Fake Detector Effective Fake News detection with deep diffusion neural network"** submitted in partial fulfillment of the requirement for the degree of Master of computer science to the periyar university, Salem is a record of bonafide work carried out by U.SARAN Register No: C21PG127CAP011 under supervision and guidance and that no part of the report has been submitted for the award of any degree or diploma.

Place : Tiruchengode

Date : 02.12.2022

SIGNATURE OF THE GUIDE
(Mrs.P.GAYATHRIDEVI M.Sc(IT).,M.Phil.,M.A.yoga)

HEAD OF THE DEPARTMENT
(Mrs. R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the Viva-voce Examination held on 02.12.2022

Internal Examiner

External Examiner

ABSTRACT

In recent years, due to the booming development of online social networks, fake news for various commercial and political purposes has been appearing in large numbers and widespread in the online world. With deceptive words, online social network users can get infected by these online fake news easily, which has brought about tremendous effects on the offline society already. An important goal in improving the trustworthiness of information in online social networks is to identify the fake news timely. This paper aims at investigating the principles, methodologies and algorithms for detecting fake news articles, creators and subjects from online social networks and evaluating the corresponding performance. This paper addresses the challenges introduced by the unknown characteristics of fake news and diverse connections among news articles, creators and subjects. This paper introduces a novel automatic fake news credibility inference model, namely FAKEDETECTOR. Based on a set of explicit and latent features extracted from the textual information, FAKEDETECTOR builds a deep diffusive network model to learn the representations of news articles, creators and subjects simultaneously. Extensive experiments have been done on a real-world fake news dataset to compare FAKEDETECTOR with several state-of-the-art models, and the experimental results have demonstrated the effectiveness of the proposed model.

CONCLUSION

Here, we have proposed a different approach for false news detection using one of the best trained deep neural techniques and LSTM. The LSTM helps in training faster with large datasets compared to other neural network models. Texts or images containing information are processed and recognized as reliable or unreliable using a deep neural network model. The preprocessing of the image are done using LSTM and it also proves to be more efficient than the existing systems. Analyzed image results are coverted into text and then processes it . The LSTM model has trained and validated with more than 1000 images collected from various online sources.

ENABLING TECHNOLOGIES FOR THE INTERNET OF HEALTH THINGS

A Project report submitted in partial fulfillment of the requirements for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem-11

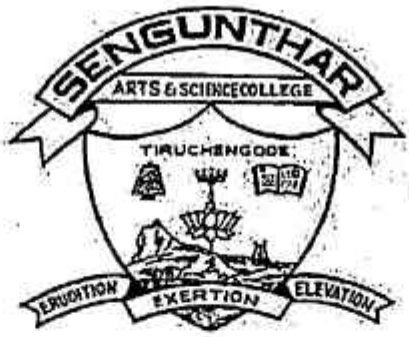
By

P.SATHISH KUMAR

Reg. No: C21PG127CAP012

Under the Guidance of

Mrs.R.BHARATHI M.Sc.,M.Phil.,



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE – 637 205.

NOV-DEC– 2022

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE – 637 205.

CERTIFICATE

This is to certify that the project dissertation entitled "**Enabling Technologies for the Internet of Health Things**" submitted in partial fulfillment ofthe requirement for the degree of Master of computer Applications to the periyar university, Salem is a record of bonafide work carried out by **P.SATHISH KUMAR** Register No: **C21PG127CAP012** under supervision and guidance and that no part ofthe report has been submitted for the award of any degree or diploma.

Place : Tiruchengode

Date : 02 - 12 - 2022

Signature of the Guide

(Mrs.R.BHARATHI, M.SC.,M.PHIL..)

HEAD OF THE DEPARTMENT

(Mrs.R.BHARATHI,M.Sc., M.Phil.,)

Submitted for the Viva-voce Examination heldon 02 - 12 - 2022

Internal Examiner

External Examiner

ABSTRACT

The Internet of Things (IoT) is one of the most promising technologies for the near future. Healthcare and well-being will receive great benefits with the evolution of this technology. This paper presents a review of techniques based on IoT for healthcare and ambient-assisted living, defined as the Internet of Health Things (IoHT), based on the most recent publications and products available in the market from industry for this segment. Also, this paper identifies the technological advances made so far, analysing the challenges to be overcome and provides an approach of future trends. Through selected works, it is possible to notice that further studies are important to improve current techniques and that novel concepts and technologies of IoHT are needed to overcome the identified challenges. The presented results aim to serve as a source of information for healthcare providers, researchers, technology specialists, and the general population to improve the IoHT.

CONCLUSION

With the wide use of internet, this work is concentrated to execute the internet technology to establish a system which would communicate through internet for better health. Internet of Things rules the whole world in various fields, mainly in health care sectors. Hence the present work is done to design an Internet of Things based smart patient health tracking system using an Arduino microcontroller. In this, pulse rate sensor is used to detect the heart beat and temperature sensor to read the temperature and sends the data to the cloud using internet. This information is also sent to the LCD display, so patient can easily know their health status. Duringcritical situations to alert the doctor, the warning message is sent to the doctor's phone and at the same time buzzer turns to alert the care taker. The doctor can view the sent data by logging the specific website or IP address. Hence continuous patient monitoring system is designed.

FUTURE WORK

The future work of the project is very essential in order to make the design system more advanced. In the designed system the enhancement would be connecting more sensors which measures various health parameters. We can also add a GPS module in IoT based health monitoring system using Arduino and Wi-Fi module. The GPS module will find out the location or position of the patient using longitude or latitude received. Then it will sent the location to thecloud using Internet Of Things and then doctors can find out the position of the patient in case they have to take some preventive action or nearest hospital will be informed automatically usingGPS and ambulance will be sent to the patient. And establishing a Wi-Fi-mesh network will also increase the communication range.

ONLINE EXAMINATION SYSTEM

A project report submitted in partial fulfillment of the requirements for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem – 11

By

J.VIGNESH

Reg. No: C21PG127CAP013

Under the Guidance of

Mrs.T.GAYATHRI., MCA., M.Phil.,



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE – 637 205.

NOV-DEC– 2022

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE – 637 205

CERTIFICATE

This is to certify that the project dissertation entitled **"ONLINE EXAMINATION SYSTEM**

submitted in partial fulfillment of the requirement for the degree of Master of computer science to the periyar university, Salem is a record of bonafide work carried out by **VIGNESH.J**

Register No: **C21PG127CAP013** under supervision and guidance and that no part of the report has been submitted for the award of any degree or diploma.

Place : Tiruchengode

Date : 02-12-2022

SIGNATURE OF THE GUIDE

(Mrs.P.GAYATHRI MCA,.,M.Phil.,)

HEAD OF THE DEPARTMENT

(Mrs. R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the Viva-voce Examination held on 02-12-2022

Internal Examiner

External Examiner

Abstract:

Online examination system is a web-based examination system where examinations are given online. either through the internet or intranet using computer system. The main goal of this online examination system is to effectively evaluate the student thoroughly through a totally automated system that not only reduce the required time but also obtain fast and accurate results.

The test case specification for system testing has to be submitted for review before system testing commences

CONCLUSION:

The package was designed in such a way that future modifications can be done easily. The following conclusions can be deduced from the development of the project.

- Automation of the entire system improves the efficiency
- It provides a friendly graphical user interface which proves to be better when compared to the existing system.
- It gives appropriate access to the authorized users depending on their permissions.
- It effectively overcomes the delay in communications.
- Updating of information becomes so easier.
- System security, data security and reliability are the striking features.
- The System has adequate scope for modification in future if it is necessary

FUTURE ENHANCEMENTS:

This application avoids the manual work and the problems concern with it. It is an easy way to obtain the information regarding the different scheduled examinations information that are Currently issued.

Well I and my team members have worked hard in order to present an improved website better than the existing one's regarding the information about the various activities. Still ,we found out that the project can be done in a better way. Primarily, when we request information about a particular schedules it just shows the exam date and platform. So, after getting the information we can get access to the onlineexam.

HOTEL MANAGEMENT SYSTEM USING PYTHON

A project report submitted in partial fulfillment of the requirements for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem – 11

By

S.VIKRAM

Reg. No: C21PG127CAP014

Under the Guidance of

Mrs.P.GAYATHRIDEVI M.Sc(IT)., M.Phil.,M.A YOGA



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE – 637 205.

NOV-DEC– 2022

SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)
TIRUCHENGODE – 637 205

CERTIFICATE

This is to certify that the project dissertation entitled **"Hotel management system using python"** fulfillment of the requirement for the degree of Master of computer science to the periyar university , Salem is a record of bonafide work carried out by S.VIKRAM Register No: C21PG127CAP014 under supervision and guidance and that no part of the report has been submitted for the award of any degree or diploma.

Place : Tiruchengode

Date : 02.12.2022

SIGNATURE OF THE GUIDE

(Mrs.P.GAYATHRIDEVI M.Sc(IT).,M.Phil.,M.A.yoga)

HEAD OF THE DEPARTMENT

. (Mrs. R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the Viva-voce Examination held on 02.12.2022

Internal Examiner

External Examiner

ABSTRACT

The Project hotel management system is a python based application that allows the hotel manager to handle all hotel activities online. Interactive and the ability to manage various hotel bookings and rooms make this system very flexible and convenient. This application gives him the power and flexibility to manage the entire system from a single online system. Hotel managementproject provides room booking, staff management and other necessary hotel management features. The system allows the manager to post available rooms in the system. Customers can view and book room online. Admin has the powerof either approving or disapproving the customer's booking request. The hotel activities. Other hotel services can also be viewed by the customers and can book them too. The system is henceuseful for both customer and manager to protably manage.

ONCLUSION

The project has been appreciated by all the users in the organization .it is easy to user, since it uses the GUI provided in the user friendly screens are provided. The usage ofsoftware increases the efficiency, decreases the effort. It has been efficiently employed as asite Management mechanism. It has been thoroughly tested and implemented.

Finally, in the Online hotel management system, we have developed a secure, user-friendly Hotel Management System . This System can take care of each member whether its Owner or Customer . This System will Help them to properly Manage their hotel and help in growth without creating any hassle.

This system is completely secure since every user is provided with a user ID and Password so there is no chance of any unauthorized access. Online Payment, Booking, and cancellation make it easier to use. So, using this system will help in reducing the labor and provide more facility for Customer to like Hotel and visit again and again.

SOLAR POWER MONITORING SYSTEM

A project report submitted in partial fulfillment of the requirements for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem – 11

By

S.DEVIPRIYA

Reg. No: C21PG127CAP015

Under the Guidance of

Mrs.T.GAYATHRI MCA., M.Phil.,



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE
SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)
TIRUCHENGODE – 637 205.
NOV-DEC– 2022

SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)
TIRUCHENGODE – 637 205

CERTIFICATE

This is to certify that the project dissertation entitled **"SOLAR POWER MONITORING SYSTEM"** submitted in partial fulfillment of the requirement for the degree of Master of computer Applications to the periyar university, Salem, is a record of bonafide work carried out by **S.DEVIPRIYA** **Register No: C21PG127CAP015** under supervision and guidance and that no part of the report has been submitted for the award of any degree or diploma.

Place : Tiruchengode
Date : 02/12/2022

02/12/22
SIGNATURE OF THE GUIDE
(Mrs.T.GAYATHRI.,MCA.,M.Phil.,)

R. Bh 1/12/22
HEAD OF THE DEPARTMENT
(Mrs. R.BHARATHI., M.Sc., M.Phil.,)

Submitted for the Viva-voce Examination held on 02/12/2022

R. Bh 2/12/22
Internal Examiner

K. Raj 02/12/22
External Examiner

ABSTRACT

Internet of things for solar power is an advanced solution to monitor energy and make this information available from anywhere in the world.The technology used in this project is a system monitor connects electronic devices, digital machines by internet. In this project used specialist equipment for evaluate the voltage and light intensity by using sensors to monitor solar power and than it send the information to website after make process by Arduino chip that was programmed by c language updated information of the development system can be accessed through mobile application.

D.Conclusion

The Internet of Things (IoT) is a system of related computing devices, mechanical and digital machines, objects, people or animals that are provided with unique identifiers and also the potential to transfer data over a network without requiring human-to-human or human-to-computer interaction. Physical items are no longer disconnected from the virtual world, but can be controlled remotely through Internet services.

At last we found from the result for simulation process to getting result of light and voltage are caser by using blynk by using wifi for because has a good transmission .Monitoring guides the user in analysis of renewable energy usage.

Recommendations:

- The solar board in the circuit could be replaced with another solar board itgives a higher voltage than 4.36 and there is a load to increase the current in the circuit .
- We can connect the circuit with internet directly through a web side.
- We must connect a punch of network to improve reading transmit to be true.

Home Water Leakage Detection and Monitoring System Using IOT

A project report submitted in partial fulfillment of the requirements for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem – 11

By

M.MUTHULAKSHMI

Reg. No: C21PG127CAP016

Under the Guidance of

Mrs.T.GAYATHRI., MCA., M.Phil.,



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE – 637 205.

NOV-DEC– 2022

SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)
TIRUCHENGODE – 637 205

CERTIFICATE

This is to certify that the project dissertation entitled "**Home Water Leakage Detection and Monitoring System Using IOT**" submitted in partial fulfillment of the requirement for the degree of Master of computer Applications to the periyar university, **Salem is a record of bonafide** work carried out by M.MUTHULAKSHMI Register No: C21PG127CAP016 under supervision and guidance and that no part of the report has been submitted for the award of any degree or diploma.

Place : Tiruchengode

Date : 02/12/2022

SIGNATURE OF THE GUIDE

(Mrs.T.GAYATHRI MCA.,M.Phil.,)

HEAD OF THE DEPARTMENT

(Mrs. R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the Viva-voce Examination held on 02/12/2022

Internal Examiner

External Examiner

ABSTRACT

Water is essential to human life. It is most precious not only for the human race but also for all the living things in the planet. It serves us in 360 degrees starting from households to hydroelectric plants of our life and so on. So it is very important and responsibility of everyone to manage the water in an efficient way. In this paper we propose an efficient water monitoring system based on the Internet of Things. If we keep wasting water continuously it can be very dangerous problem in future. We should start saving water from ourselves. There are various ways through which water get wasted. Leakage plays a vital role in water wastage. Whenever there is leakage somewhere we couldn't get it in initial stage but when it becomes a huge problem it causes large wastage of water. So it is better to take action immediately as soon as leakage takes place. In order to give a solution, we put forward a system that monitors the water level, water quality and water leakage using various sensors. The ultrasonic sensor and flow sensor senses the water level and the water leakage respectively. Once the flaw is identified, it is informed to control room through the internet (Email, twitter, SMS) and also nearby people can be informed in time. By placing this system, we will be able to collect and analyze the water usage patterns of the residents and save a lot of water in small as well large scale in future.

Final Output

S.No	Source	Destination	Ultrasonic Sensor	Temperature Sensor	Flow Sensor	Status
1	A	B	20	10	0	No Leakage
2	C	D	80	25	5	Leakage
3	E	F	40	55	15	Leakage
4	G	H	55	35	50	Leakage
5	I	J	95	60	40	Leakage

CONCLUSION

Our system receives three parameters from the sensors and activates the actuators if the actual values are more than the threshold values and also stores these values in the cloud database enabling them to be accessed from anywhere, anytime. This apcral so sheds light on the automatic control over the limatic conditions inside the greenhouse. There are different seasonal crops which can be grown only under certainconditions.Onions,garlic,shallotsetc.arethewintercropswhichrequirecoldconditionsf ortheirgrowth.Cucumbers,melonsetc.are the summer crops which require moderate or hot climatic conditions.

The prototype we used comprises of moisture sensors, temperature & humidity sensors, Raspberry PI and water pipes to supply water from tank controlled by DC motors. Moisture sensors (YL 69) are installed near the roots and temperature & humidity (DHT11) sensor is installed further away to detect the temperature and humidity. These sensors send their data to the Raspberry PI to analyze the results.

The Raspberry PI will turn the inlet value on, to water the spinach, until the soil moisture value becomes greater than the threshold value. Inside the greenhouse, if the temperature and humidity values are above the reference value (calculated according to the crop – spinach),to maintain them to be within the threshold levels, sliding door will be opened and fan will be switched ON.

IOT BASED SMART HOME FOR PARALYZED PATIENT THROUGH EYE BLINK

A project report submitted in partial fulfillment of the requirements for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

to the

Periyar University, Salem – 11

By

R.PRIYADHARSHINI

Reg. No: C21PG127CAP017

Under the Guidance of

Mrs.R.BHARATHI M.Sc.,M.Phil.,



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE – 637 205.

NOV-DEC– 2022

SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)
TIRUCHENGODE – 637 205.

CERTIFICATE

This is to certify that the project dissertation entitled "**IoT Based Smart Home For Paralyzed Patient Through Eye Blink**" submitted in partial fulfillment of the requirement for the degree of **Master of computer Applications** to the periyar university, Salem is a record of bonafide work carried out by **R.PRIYADHARSHINI Register No: C21PG127CAP017** under supervision and guidance and that no part of the report has been submitted for the award of any degree or diploma.

Place :Tiruchengode

Date : 02.12.2022

R.Bh 2/12/22

Signature of the Guide

(Mrs.R.BHARATHI, M.SC.,M.PHIL.,)

R.Bh 2/12/22

HEAD OF THE DEPARTMENT

(Mrs.R.BHARATHI,M.Sc., M.Phil.,)

Submitted for the Viva-voce Examination held on 02.12.2022

R.Bh 2/12/22

Internal Examiner

K.Raj 2/12/22

External Examiner

ABSTRACT

Newly designed high-tech devices are implanted in the patient's body to help him or he resume daily activities. Especially paralysis patients, such as tetraplegics, who suffer greatly due to their physical limitations. It is now critical to create a device that can assist paralysis patients such as tetraplegics. Furthermore , people are eager to digitize their everyday lives in order to reduce physical activity.

To meet these criteria, it's past time to create a framework that can assist Tetraplegic patients as well as those who want to live a more productive and relaxed life. Several prototypes have been developed in the past, the majority of them are not user-friendly or provide creative solutions

The project's goal is to create a home automation device based on an eye blink sensor that is small in size and easy to use to power home electricity appliances. This will also help to minimize energy waste and enable a paralyzed patient to regulate light and fans without the need for assistance from others.

CONCLUSION

We described a method of smart home for elderly and special we described a method of smart home for elderly and special needs users through the Internet of Things technology (IoT) to control the home appliances by using either a web page, mobile application. as well as using the added voice and eye tracking interfaces that accept voice commands and eye movement tracking sent to Azure cloud where Raspberry Pi microcomputer reads from SQL database to help control the appliance.

A comparison was performed describing the four major techniques used in eye tracking methodologies: ElectroOculography, Scleral Search Coil, Infrared Oculography, and Video Oculography. Moreover, studying the advantages and disadvantages of each technique to find the optimal method for this study. In this paper Tobii eye tracking system was chosen to develop the prototype due to the use of multiple cameras which capture high-speed images to display the user's eye, and projectors that make a pattern of infrared light on theuser's eyes.

Also, this system delivers higher resolution as it contains head movement compensation and low deflection effects, with dual-eye tracking. Results shows how users found accuracy in tracking the eye gaze and movement through how responsive the pointer on the interface was.

The response time of the system had an acceptable delay. Furthermore, the model shows simplicity of the voice interface option which shows that speech commands to regulate home appliances. Although multiple camera eye trackers are rather costly and lack capability to measure with eye torsion. It provides the ability to clinically observe and measure eye movement disorders, they can allow head free movement and fully remote recording. The goal is to make the system as reliable and useful as elders and users with special needs require in accomplishing their tasks.

For future studies in this field, the prototype can be added as a new feature in any existing system in homes for the elders and hospitals, as required for users with special needs. Different techniques and comparisons between Tobii system and other eye tracking techniques could be performed to see if development is possible on the algorithm with Artificial Intelligence. As well as integrating the ability to track the user's behavioral aspects and patterns automatically to the system.

Coal Mine Monitoring System Using Raspberry Pi And MQTT

A project report submitted in partial fulfillment of the requirements for the award of the degree of

MASTER OF COMPUTER SCIENCE

to the

Periyar University, Salem – 11

By

GEETHASHRI.S

Reg. No: C21PG127CSC004

Under the Guidance of

Mrs.T.GAYATHRI M.C.A., M.Phil.,



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)

TIRUCHENGODE – 637 205.

DECEMBER – 2022

SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)
TIRUCHENGODE – 637 205

CERTIFICATE

This is to certify that the project report entitled **"Coal Mine Monitoring System Using Raspberry Pi And MQTT"** submitted in partial fulfillment of the requirement for the degree of Master of computer science to the periyar university, Salem is a record of bonafide work carried out by **S.GEETHASHRI** Register No: **C21PG127CSC004** under supervision and guidance and that no part of the report has been submitted for the award of any degree or diploma.

Place : Tiruchengode

Date : 2.12.2022

SIGNATURE OF THE GUIDE

(Mrs.T.GAYATHRI M.C.A., M. Phil,)

HEAD OF THE DEPARTMENT

(Mrs. R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the Viva-voce Examination held on 2.12.2022

Internal Examiner

External Examiner

ABSTRACT

Coal Mine Monitoring System using Raspberry Pi and MQTT – Now a day's due to global warming and climate changes there are challenging situations in the coal mines. To reduce the cost as well as to improve productivity along with product quality automation in the field of a coal mine is necessary, which will also reduce the mineworker's efforts. This project proposes a design of an IoT system with MQTT protocol, with the help of a Raspberry pi controller which is able to monitor the temperature, humidity, gas, and status of smoke in an underground mine. This system utilizes low power, cost-effective Raspberry pi, a temperature sensor LM35, humidity sensor SYSH220, smoke detector, gas sensor for sensing the mine climate parameters, and Wi-Fi for remote logging of data at a central location to control the climate state. Every sensor value gets reported through the MQTT protocol at every certain interval of time. If there is any sudden increase in any of those sensor values along with the data log, ten seconds of video have been captured and sent to the server's mail. Coal Mine Monitoring System using Raspberry Pi and MQTT.

4. TESTING AND IMPLEMENTATION

4.1 References &Bibliography:-

Websites:

- http://www.iot-playground.com
- http://www.instructables.com
- http://en.wikipedia.org

RAINFALL PREDICTION USING LINEAR REGRESSION

A project report submitted in partial fulfillment of the requirements for the award of the degree of

MASTER OF COMPUTER SCIENCE
to the

Periyar University, Salem – 11

By

KARTHICKRAJA.S

Reg. No: C21PG127CSC001

Under the Guidance of Mrs.R.BHARTHI.M.SC., M.Phil.,



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE
SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)
TIRUCHENGODE – 637 205.

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SENGUNTHAR ARTS AND SCIENCE COLLEGE
(AFFILIATED TO PERIYAR UNIVERSITY)
TIRUCHENGODE – 637 205

CERTIFICATE

This is to certify that the project report entitled " **RAINFALL PREDICTION LINEAR REGRESSION**" submitted in partial fulfillment of the requirement for the degree of Master of computer science to the periyar university, Salem is a record of bonafide work carried out by **S.KARTHICKRAJA** Register No: **C21PG127CSC001** under supervision and guidance and that no part of the report has been submitted for the award of any degree or diploma.

Place : Tiruchengode

Date : 2-12-2022

R. Bh 1h 2/12/22

SIGNATURE OF THE GUIDE

Mrs.R.BHARATHI.M.SC., M. Phil,)

R Bh 1h 2/12/22

HEAD OF THE DEPARTMENT

(Mrs. R.BHARATHI, M.Sc., M.Phil.,)

Submitted for the Viva-voce Examination held on 2-12-2022

R. Bh 1h 2/12/22

Internal Examiner

K. Raj 2/12/22

External Examiner

ABSTRACT

Weather forecasting is the application of science and technology to predict the state of the atmosphere for a given location. Ancient weather forecasting methods usually relied on observed patterns of events, also termed pattern recognition. For example, it might be observed that if the sunset was particularly red, the following day often brought fair weather. However, not all of these predictions prove reliable.

Here this system will predict weather based on parameters such as temperature, humidity and wind. User will enter current temperature; humidity and wind, System will take this parameter and will predict weather (rainfall in inches) from previous data in database (dataset). The role of the admin is to add previous weather data in database, so that system will calculate weather (estimated rainfall ininches) based on these data. Weather forecasting system takes parameters such as temperature, humidity, and wind and will forecast weather based on previous record therefore this prediction will prove reliable. This system can be used in Air Traffic, Marine, Agriculture, Forestry, Military, and Navy etc.

CONCLUSION

Thus the project has been successfully predicted the rainfall using the linear regression but here this is not very accurate only sometimes any way it depends upon the climate changes to season to season. Here we are taking only summer season weather data set it only useful to predict rainfall in summer season This directly helps in improvement of national economy as well. In the necessity of an accurate and robust model to predict rainfall in the present work a novel Linear Regression based Hybrid Neural Network prediction of rainfall in Chennai in India has been proposed. A twostep method coupled with a pre training phase of feature selection has been employed on a dataset collected by IMD Chennai. Experimental results have suggested that feature selection can reasonably improve the performance of any classifier while predicting rainfall.

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1	21M1101	DHIVYARAJ A	Production of enzyme biocleaner fom citrus fruit peel by using bacteria and yeast
2	21M1102	DILIP S	Isolation of *Bacillus thuringiensis* from soil against mosquito larvae
3	21M1103	DIVAKAR T	Phytochemical analysis antibacterial activity and FTIR analysis of Wheat and Ragi
4	21M1104	INDRAJITH P	Invitro Antibacterial activity of *Foeniculum vulgare* seed extract against human pathogenic bacteria
5	21M1105	KESAVAMURTHY R	Effect of *Trichederma viridae* against various plant pathogenic fungi
6	21M1106	MOHAMED ARESHATHALI M	Citric acid production by soilid state fermentation using *Aspergillus niger*
7	21M1107	MOHANRAJ D	Antifungal activity of garlic extract of fungal plant pathogens
8	21M1108	PUGAZHENDHI S	Comparative study of throat pathogens from smokers and non smokers
9	21M1109	SELVAGANAPATHI K	Estimation of antimicrobial activity of Neem and Tulsi
10	21M1110	SRITHAR A	Antimicrobial activity of *Coleus ambionics* against urinary tract infections
11	21M1111	SURESH S	Antimicrobial activity of *Phyllanthus amarus* against Urinary tract infections
12	21M1112	SUZZENDRAN D	Scrreningof phytochemical properties and antimicrobial activity of *Psidium guajuva* leaf extract against bacterial pathogens
13	21M1113	LAVANYA S	Coffee waste management
14	21M1115	SRISIKAA N	Extraction of nanocurcumin from turmeric and its pharmaceutical efficacy against vancomycin resistant *Staphylococcus aureus*

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE,
TIRUCHENGODE - 637 205.

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

PRODUCTION OF ENZYME BIO-CLEANER FROM CITRUS FRUIT PEEL BY USING BACTERIA AND YEAST

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Mr. A. DHIVYARAJ

[Reg. No: C21PG127MIB001]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA

2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology.

Sengunthar Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06/05/2023

CERTIFICATE

This is to certify that the dissertation entitled on **"PRODUCTION OF ENZYME BIO-CLEANER FROM CITRUS FRUIT PEEL BY USING BACTERIA AND YEAST"** done by **A.DHIVYARAJ (Reg.No:C21PG127MIB001)** during academic year 2022-2023 in partial fulfillment for **Master Of Science in Microbiology**, Sengunthar Arts and Science College. Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

Head of the Department

Dr.P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE,
TIRUCHENGODE - 637 205, (TN).

Guide

Dr.P. VENKATACHALAM

Submitted for the viva-voice examination held no 06/05/2023

Examiners:

1.

2.

DECLARATION

I hereby declare that the dissertation entitled on **"PRODUCTION OF ENZYME BIO-CLEANER FROM CITRUS FRUIT PEEL BY USING BACTERIA AND YEAST"** submitted to Periyar University, salem, Tamilnadu, India. In partial fulfillment of **Master of Science In Microbiology**, is recorded of original work done by me under the Guidance of **Dr. P. Venkatachalam, M.Sc., M.Phil., Ph.D., Assistant Professor and Head, PG and Research Department of Microbiology, Senguthar Arts and Science College, Tiruchengode**, and it has not previously formed the basis for the award of degree, diploma, associate ship, fellowship, or other similar title to any candidate of any university.

Counter Signed by Guide

DR. P. VENKATACHALAM

Signature of the student

A. DHIVYARAJ

ACKNOWLEDGMENT

It is with greatest pleasure, I look back to acknowledge several people who had been a source of inspiration, encouragement throughout my project work.

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I will be failing in my duty if I do not express my deepest gratitude to those microbes, who sacrificed their life during my experiment.

SUMMARY

In the present study, the *Bacillus subtilis* and *S.cerevisiae* had significant ability to oduce mixture of enzymes under fermentation process using fruit waste as substrate. *Bacillus btilis* showed sustainable ability to produce amylase, protease, cellulase and lipase enzymes der Submerged Fermentation. After fermentation of one month, crude solution was filtered d analysed further for presence of different enzymes. Based on these tests different application e proposed. The formation of clear zone around the colonies confirms the production of kaline protease. The zone of hydrolysis and clearance indicates the presence of amylase and pase enzyme. Cellulase production is visualized by a translucent zone around the colonies.

Antimicrobial activity of Bio-enzyme solution has been evaluated. The zone around the ell was observed, which indicates the bio-enzyme solution kill the microbes present in the rface of the various places. A Bio-enzyme made from lemon peel is especially more effective om the orange peel and Makrut lime peel.

ISOLATION OF *Bacillus thuringiensis* FROM SOIL AGAINST MOSQUITO LARVAE

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Mr. S. DILIP

[Reg. No: C21PG127MIB002]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA

2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology.

Sengunthar Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06/05/2023

CERTIFICATE

This is to certify that the dissertation entitled on **"Isolation of *Bacillus thuringiensis* from soil Against Mosquito Larvae"** done by **S.DILIP (Reg.No:C21PG127MIB002)** during academic year 2022-2023 in partial fulfillment for **Master Of Science in Microbiology**, Sengunthar Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

Head of the Department

Dr.P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205. (TN).

Guide

Mr T.R. Prakash

Submitted for the viva-voice examination held on 06/05/2023

Examiners:

1.

2.

DECLARATION

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T. R. Prakash 02/05/2023.
Counter Signed by Guide

Mr T.R. Prakash

S. Dilip
Signature of the student

S. DILIP

ACKNOWLEDGMENT

It is with greatest pleasure, I look back to acknowledge several people who had been a source of inspiration, encouragement throughout my project work.

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I will be failing in my duty if I do not express my deepest gratitude to those microbes, who sacrificed their life during my experiment.

SUMMARY

Bacillus thuringiensis is a ubiquitous gram positive and spore forming bacterium, the organism produce intracellular crystalline proteins which are topic to insects during the sporulation phase of its growth cycle because of its insectividal activity *Bacillus thuringiensis* has been used for a long time as a biopesticide. However it is still necessary to search for more toxin to control insects orders which have the ability to develop resistance against such pesticide and to also provide alternative for chemical insecticide. Mosquito – toxin stains of *Bacillus thuringiensis* have been reported from different continent and their source include soil, plant, insect, animal feces and water. *Bacillus thuringiensis* belonged to other subspecies/serotype, within the subspecies there strain which exhibited different level of toxicity against the target organisms. Some were very high, while some are high, some moderate, others poor and non toxic, and certain subspecies showed dual toxicity to mosquito larvae.

A classical features of all the mosquitocidal *Bacillus thuringiensis* strain is that they all posses a large transferable plasmid which is responsible for the toxicity and it carries cry genes that code for cry toxins. Loss of plasmid from *Bacillus thuringiensis* strain is likely to make them non pathogen or non toxin.

The results obtained in this study clearly demonstrated the efficiency of the *Bacillus thuringiensis* in controlling mosquito larvae. The use of *Bacillus thuringiensis* as a biocontrol agent against mosquito larva is preferred as it is environmentally friendly and does not deplete the ozone layer unlike the regular pesticides used in killing mosquitoes in most communities.

It is still necessary to search for more microbial toxins to control insects' orders which have the ability to develop resistance against selected insecticides. Screening of soil samples from different sources and habitats may be useful to obtain *Bacillus thuringiensis* strain with broader host ranges and novel crystal proteins.

Bacillus thuringiensis naturally found in the soil has proved to be a good larvicidal agent against mosquito larvae in the laboratory. The organism and it product can be further studied to search for novel compounds that can be used in the control of mosquito-borne diseases such as malaria.

PHYTOCHEMICAL ANALYSIS, ANTIBACTERIAL ACTIVITY AND FTIR ANALYSIS OF WHEAT AND RAGI AGAINST BACTERIA CAUSING NOSOCOMIAL INFECTION

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Mr .T. DIVAKAR

[Reg. No: C21PG127MIB003]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA

2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology.

Senguntbar Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06/05/2023

CERTIFICATE

This is to certify that the dissertation entitled on **"Phytochemical analysis, Antibacterial activity and FTIR analysis of Wheat and Ragi against bacteria causing nosocomial infection"** done by **T.DIVAKAR (Reg.No:C21PG127MIB003)** during academic year 2022-2023 in partial fulfillment for **Master Of Science in Microbiology,** Senguntbar Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

Head of the Department

Dr.P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
KONGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205, (TN).

Guide

MS. T.NIVEDHARSHINI

Submitted for the viva-voice examination held no 06/05/2023

Examiners:

1.

2.

DECLARATION

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Counter Signed by Guide

MS. T. NIVEDHARSHINI

Signature of the student

T.DIVAKAR

ACKNOWLEDGMENT

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SUMMARY

This study showed the presence of various phytochemicals in the various extracts of wheat and ragi. The antibacterial efficacy of *Triticum aestivum* and *Eleusine coracana* against pathogenic microorganisms could be assigned to number of phytochemicals such as flavonoids, alkaloids, tannins and phenols and also the presence of various functional groups. These findings concludes that it can be used as an alternative to antibiotic drugs against the bacteria causing nosocomial infection.

IN VITRO ANTIBACTERIAL ACTIVITY OF *FOENICULUM VULGARE* SEED EXTRACT AGAINST HUMAN PATHOGENIC BACTERIA

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN

MICROBIOLOGY

Submitted by

Mr.P.INDIRAJITH

[Reg. No: C21PG127MIB004]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCECOLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205

TAMILNADU,INDIA

2022-2023

Dr.P.VENKATACHALAM M.Sc., M.Phil.,Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology,

Sengunthar Arts and Science College,

Tiruchengode -637205. Tamilnadu, India.

Date:
06.05.2023

CERTIFICATE

This is to certify that the dissertation entitled on " **In vitro Antibacterial Activity of *Foeniculum vulgare* Seed Extract Against Human Pathogenic Bacteria"** done by **P.INDIRAJITH(Reg. No. C21PG127MIB004)** during academic year 2022 -2023 in partial fulfillment for **Master of Science in Microbiology**, Sengunthar Arts and Science College, Tiruchengode, under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

A.P. 6/5/23

Head of the Department

Dr. A. P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE 637 205 (TN)

Guide

Dr. P. ASHOK KUMAR

Submitted for the viva-voice examination held on 06.05.2023

Examiners

1. 6/5/23

2. 6/5/23

DECLARATION

I hereby declare that the dissertation entitled " **In vitro Antibacterial Activity of *Foeniculum vulgare* Seed Extract Against Human Pathogenic Bacteria**" submitted to Periyar University, Salem, Tamilnadu, India. In partial fulfillment of **Master of Science in Microbiology**, is recorded of original work done by me under the guidance of **Dr. P. ASHOK KUMAR, M.Sc., Ph.D.,** Assistant Professor, **PG and Research Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode,** and it has not previously formed the basis for the award of degree, diploma, associateship, fellowship, or other similar title to any candidate of any University.

Counter Signed by Guide

Dr. P. ASHOK KUMAR

P Indirajith

Signature of the student

P.INDIRAJITH

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SUMMARY

...cherichia coli, Klebsiella pneumoniae, Pseudomonas aeruginosa and staphylococcus ...ere collected. *Foeniculum vulgare* seeds were collected from local market at Tiruchengode. ...y methanol extract and aqueous extract were prepared. Antibacterial activity of aqueous ...hanolic extract was tested of pathogenic bacteria by disc diffusion method .They are ...d for 48hrs at 37°c.

...tibacterial effect of the methanol extract showed the higest inhibition of pathogenic ... *K pneumoniae*. The zone indicates the activity of *F.vulgare* in respectively.

...his results suggested both extract as a antibacterial activity of pathogenic bacteria from ...*ium vulgare*.

EFFECT OF *Trichoderma viride* AGAINST VARIOUS PLANT PATHOGENIC FUNGI

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Mr. R.KESAVAMURTHIY

[Reg. No: C21PG127MIB005]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA
2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology.

Sengunthar Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06-05-2023

CERTIFICATE

This is to certify that the dissertation entitled on **"EFFECT OF *TRICHODERMA VIRIDE* AGAINST VARIOUS PLANT PATHOGENIC FUNGI"** done by R.KESAVAMURTHY **(Reg.No:C21PG127MIB005)** during academic year 2022-2023 in partial fulfillment for **Master Of Science in Microbiology**, Sengunthar Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

Head of the Department

Dr.P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE,
TIRUCHENGODE - 637 205, (TN).

Guide

MR.T.R.PRAKASH

Submitted for the viva-voice examination held no 06-05-2023

Examiners:

1.

2.

DECLARATION

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T. R. P 02/05/2023

Counter Signed by Guide

Mr.T.R.PRAKASH

R. Kesavamurthy

Signature of the student

R.KESAVAMURTHY

ACKNOWLEDGMENT

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SUMMARY

- The antagonistic activity of *Trichoderma viride* against different phytopathogenic fungi was investigated *Trichoderma viride* were isolated from soil sample
- The effectiveness of *Trichoderma viride* against the phytopathogenic fungi was evaluated by Dual culture Technique method
- Phytopathogenic fungi were isolated from infected banana,mango and guava leaf. Isolated three different fungus They are *Fusarium oxysporum,Cochilibolus geniculatus* and *Phytopthora parasitica*
- Antagonistic effect of the *Trichoderma viride* was very effective against *Fusarium oxysporum, Cochilibolus geniculatus* and *Phytopthora parasitica*
- Hence *Trichoderma viride* is recommended to control diseases in plants caused by *Fusarium oxysporum, Cochilibolus geniculatus* and *Phytopthora parasitica.*

CITRIC ACID PRODUCTION BY SOLID STATE FERMENTATION USING *Aspergillus niger.*

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Mr. M. MOHAMED ARESHATHALI

[Reg. No: C21PG127MIB006]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA

2022-2023

Dr. P. Venkatachalam, M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology,

Sengunthar Arts and Science College,

Tiruchengode - 637205. Tamilnadu, India.

Date: 06/05/2023

CERTIFICATE

This is to certify that the dissertation entitled on **"CITRIC ACID PRODUCTION BY SOLID STATE FERMENTATION USING *Aspergillus niger*"** done by **M. MOHAMED ARESHATHALI (Reg. No. C21PG127MIB006)** during academic year 2022 -2023 in partial fulfillment for **Master of Science in Microbiology**, Sengunthar Arts and Science College, Tiruchengode, under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

Head of the Department

Dr. A. P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205. (TN).

Guide

Dr. P. ASHOK KUMAR

Submitted for the viva-voice examination held on 06/05/2023

Examiners

1. _____

2. _____

DECLARATION

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Counter Signed by Guide

Dr. P. ASHOK KUMAR

Signature of the student

M. MOHAMED ARESHATHALI

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I will be failing in my duty if I do not express my deepest gratitude to those microbes, who sacrificed their life during my experiment.

SUMMARY

- Citric acid producing strains of *Aspergillus niger* were isolated from the soil.
- Selected isolate was used in the solid state fermentation studies and the organism was maintained in PDA slants at 4°c.
- Substrates used in the study: Sugar cane bagasse.
- Spore concentration used $2x10^6$spores/ml; Fermentation temperature: 30°C period 9 days.
- Each day citric acid production and sugar consumed were estimated.
- Sugar was estimated by dinitro salicylic acid and citric acid was estimated by acetic anhydride-pyridine method.
- The effect of different parameters like moisture content, particle size, sugar leave and methanol concentration in the medium were studied.
- Citric acid production and sugar consumption were higher in bagasse medium.
- The maximum citric acid concentration on bagasse medium was 9.4g/100gof dry solids used after 9 days of fermentation.
- Fermentation was carried at a moisture level of 65% and sugar level 29.6g/100g of dry solids for the production of citric acid. Maximum citric acid concentration 12.1g/100g of dry solid was obtained in medium M3 (particle size 1.2-1.6 mm) with a yield of 38.8% and sugar consumption of 97.5%.
- Citric acid production increased with increasing methanol concentration in the medium upto 4%.
- SSF was carried out using clarified and nonclarified bagasse in the presence of methanol.
- In the presence of methanol, the maximum concentration of citric acid 19.8 and 17.9g/100g of dry solid with yield of 64.5% and 60.3% was obtained from clarified and nonclarified bagasse in SSF.

ANTIFUNGAL ACTIVITY OF GARLIC EXTRACT TESTED ON FUNGAL PLANT PATHOGENS

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Mr. D.MOHANRAJ

[Reg. No: C21PG127MIB007]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA

2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology,

Senguntha Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06 – 05 – 2023

CERTIFICATE

This is to certify that the dissertation entitled on **"ANTIFUNGAL ACTIVITY OF GARLIC EXTRAXT TESTED ON FUNGAL PLANT PATHOGENS"** done by **D.MOHANRAJ (Reg.No:C21PG127MIB007)** during academic year 2022-2023 in partial fulfillment for **Master Of Science in Microbiology**, Senguntha Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

A.P. 8/5/23

Head of the Department

Dr.P. VENKATACHALAM
HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205. (TN)

A.P. 8/5/23

Guide

Dr.P. VENKATACHALAM

Submitted for the viva-voice examination held no 06 - 05 - 2023

Examiners:

1.

2. 06/05/23

DECLARATION

I hereby declare that the dissertation entitled on **"ANTIFUNGAL ACTIVITY OF GARLIC EXTRACT TESTED ON FUNGAL PLANT PATHOGENS"** submitted to Periyar University, salem, Tamilnadu, India. In partial fulfillment of **Master of Science In Microbiology**, is recorded of original work done by me under the Guidance of **Dr.P.Venkatachalam, M.Sc., M.Phil., Ph.D.,** Assistant Professor and Head, **PG and Research Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode,** and it has not previously formed the basis for the award of degree, diploma, associate ship, fellowship, or other similar title to any candidate of any university.

Counter Signed by Guide

Dr.P.VENKATACHALAM

Signature of the student

D.MOHANRAJ

ACKNOWLEDGMENT

It is with greatest pleasure, I look back to acknowledge several people who had been a source of inspiration, encouragement throughout my project work.

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I will be failing in my duty if I do not express my deepest gratitude to those microbes, who sacrificed their life during my experiment.

SUMMARY

Garlic has a long history of reputed value and actual use for its medicinal antimicrobial and pesticidal properties. Garlic juice extract belongs to such non-traditional treatments and among the natural fungicide substances, it has been found most active against many fungal species. Certain protective fungicides although hazardous to environment are still used for the control of fungal diseases. Likewise, use of pesticides of plant origin have been suggested by some workers as alternative to synthetic chemicals in order to counter the potential hazardous effect on the environment associated with the use of synthetic chemicals.

In the present study, plant pathogens such as, *Aspergillus niger*, *Fusarium oxysporum* and *Alternaria solani* were used as the test materials. Aqueous garlic extact was prepared and it was diluted to different concentrations, those dilutions were used to test the effect of mycelia growth and spore germination.

Mycelial growth and spore germination were completely inhibited at high concentrations of garlic extracts led to the reduction of mycelia growth and spore germination in all the phyto pathogenic fungi were tested.

COMPARATIVE STUDY OF TIIROAT PATHOGENS FROM SMOKER'S AND NON SMOKER'S

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Mr. S. PUGAZHENDHI

[Reg. No: C21PG127MIB008]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA
2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology.

Sengunthar Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06/05/2023

CERTIFICATE

This is to certify that the dissertation entitled on **"Comparative study of throat pathoges from Smoker's and non Smoker's"** done by **S.PUGAZHENDHI (Reg.No:C21PG127MB008)** during academic year 2022-2023 in partial fulfillment for **Master Of Science in Microbiology**, Sengunthar Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

Head of the Department

Dr.P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205. (TN).

Guide

MS. T.NIVEDHARSHINI

Submitted for the viva-voice examination held no 06/05/2023

Examiners:

1.

2.

DECLARATION

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Counter Signed by Guide

MS. T. NIVEDHARSHINI

Signature of the student

S.PUGAZHENDHI

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I will be failing in my duty if I do not express my deepest gratitude to those microbes, who sacrificed their life during my experiment.

UMMARY

The Throat swabs were collected from smokers and non - smokers in Namakkal district. amples can be inoculated in to the Blood agar, MacConkey's agar, Nutrient agar, Fluid oglycolate, Mannital salt agar plates and incubated at 37 ° C for 24 hours. After incubation served the colony morphology and cultural characters of the colonies. The suspected colonies of thogens were isolated by biochemical tests, such as catalase, coagulase, urease, nitrate, gelatin quification tests, etc.,The conformed pathgoens were inoculated into nutrient broth and incubated ° C for 4 -5 hours. Then inoculated into Nutrient agar plate and Fluid Thioglycolate and placed the tibiotic dises (Amikacin, Ceftriaxone, Tetracycline, Gentamycin and Erythromycin) and incubated 37 ° C for 24 hours. The zone of inhibition was observed and measured by um in diameter. The ne of inhibition (um) was interprated with standard chart and identified drug resistance. nsequently extensive studies have also been performed in this work.

ESTIMATION OF THE ANTIMICROBIAL ACTIVITY OF NEEM AND TULSI

Submitted To The Periyar University In Partial Fulfillment Of The Requirement For The Award Of The Degree Of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

MR.K.SELVAGANAPATHI

[Reg. No: C21PG127MIB009]

PG & RESEARCH DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205

TAMILNADU, INDIA

2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology.

Sengunthar Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06/05/23

CERTIFICATE

This is to certify that the dissertation entitled on **"ESTIMATION OF THE ANTIMICROBIAL AVTIVITY OF NEEM AND TULSI"** done by **K.SELVAGANAPATHI (Reg.No:C21PG127MIB009)** during academic year 2022-2023 in partial fulfillment for **Master Of Science in Microbiology**, Sengunthar Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

Head of the Department

Dr.P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE,
TIRUCHENGODE - 637 205, (TN).

Guide

Dr. P. Ashok kumar

Submitted for the viva-voice examination held no 06-05-23

Examiners:

1.

2.

DECLARATION

I hereby declare that the dissertation entitled on **"ESTIMATION OF THE ANTIMICROBIAL ACTIVITY OF NEEM AND TULSI"** submitted to Periyar University, salem, Tamilnadu, India, In partial fulfillment of **Master of Science In Microbiology**, is recorded of original work done by me under the Guidance of **Dr. P. ASHOK KUMAR, M.Sc., Ph.D.**, Assistant Professor and Head, **PG and Research Department of Microbiology, Senguthar Arts and Science College, Tiruchengode,** and it has not previously formed the basis for the award of degree, diploma, associate ship, fellowship, or other similar title to any candidate of any university.

Counter Signed by Guide

Dr. P. ASHOK KUMAR

Signature of the student

K. SELVAGANAPATHI

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SUMMARY

This project aimed at the determination of antimicrobial activity of local plants in against ...m pathogenic bacteria collected from hospitalwas -processed for the isolation and ...ification of pathogenic bacteria.

The hospital was obtained from a station Pathogens such as Staphylococcus aureus, ...ebsella sp Salmonella sp and E.coli were identified in the sample. concentration was ...rmined by hole plate method.

The leaves of local plants namely, Neem,Tulsi holy basil were taken and a methanol ...ract was prepared.

Antimicrobial activty of the leef extracts at varying Of the Two plants used henna was ...nd to be effective against all the pathogens, while the others were effective only against some ...the pathogens at different concentrations.

Recently there has been considerable interest in the use of plant material as an alternative ...thod to control pathogenic microorganism and many components of plants products have been ...wn to be specially targeted against resistant pathogenic bacteria. The emergence of multidrug ...stant strain of many pathogens is a serious threat and makes chemotherapy more difficult. ...reover, the current cost of most of the chemotherapeutic agents is unbearable to the public ...cially in developing countries like India .

Therefore attempts must be directed towards the development of effective natural, non- ...drug for treatment.

The present work was a explore the antimicrobial property of *Azadiraachta indica ...m) and Ocimum tenuiflorum(Tulasi)* Many reports are available on the antiviral, ...bacterial antifungal, anthelmintic, antimolluscal and Antimicrobial Activity of Medicinal ...s Against Human Pathogenic Bacteria inflammatory properties of plants (Mahesh and ...h, 2008).

The methanol leaf extract of *Azadiraachta indica (Neem) and Ocimum tenuiflorum ...sil)* showed the activity against all the four tested microorganisms but the activity was very ...ficant against . The plant based products have been effectively proven for their utilization as ...e for antimicrobial compounds. For instance, methanol extracts of A. ferox and W. ...ifera exhibited inhibitory activity against all strains of N. gonorrhoea (Kambizi and ...yan, 2008).

The methanol and aqueous extract of medicinal plants were significantly active against ...phylococcus species (Selvamohan 2012). The antimicrobial activities and phytochmical

creening of leaf extracts showed significant antimicrobial activity *Azadiraachta indica (Neem)* nd *Ocimum tenuiflorum(Tulasi)* and photochemical constituents showed most of the ctibacterial activities (Bipul Biswas 2013).

The present study shows that the methanolic and aqueous extract of leaves of have all the ytochemical constituent studied with negligible variation.

Thus, the significant activity against *K.pneumoniae* and *E.coli* may be due to their ytochemical or secondary metabolites

It is concluded that this study would lead to the establishment of some valuable mpound that has to be used to formulate new, different and more potent antimicrobial drugs of tural origin. Further studies are needed to identify the biologically active compounds and to aluate the efficiency of the compound against pathogenic microorganisms associated with rious human diseases

ANTIMICROBIAL ACTIVITY OF *Coleus ambonicus* AGAINST URINARY TRACT BACTERIAL PATHOGENS

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Mr. A. SRITHAR

[Reg. No: C21PG127MIB010]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA

2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology.

Senguntha Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06/05/2023

CERTIFICATE

This is to certify that the dissertation entitled on **"Antimicrobial activity of *Coleus amboinicus* against urinary tract bacterial pathogens"** done by **A.SRITHAR (Reg.No:C21PG127MIB010)** during academic year 2022-2023 in partial fulfillment for **Master of Science in Microbiology**, Senguntha Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

Head of the Department

Dr.P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205. (TN).

Guide

MS. T.NIVEDHARSHINI

Submitted for the viva-voice examination held on 06/05/2023

Examiners:

1.

2.

DECLARATION

I hereby declare that the dissertation entitled on "**Antimicrobial activity of *Coleus amboinicus* against urinary tract bacterial pathogens**" submitted to Periyar University, salem, Tamilnadu, India. In partial fulfillment of Master of Science In Microbiology, is recorded of original work done by me under the Guidance of **Ms. T. NIVEDHARSHINI, M.sc., M.phil.,** Assistant Professor, PG and Research Department of Microbiology, Senguntha Arts and Science College, Tiruchengode, and it has not previously formed the basis for the award of degree, diploma, associateship, fellowship, or other similar title to any candidate of any university.

Counter Signed by Guide

MS. T. NIVEDHARSHINI

Signature of the student

A. SRITHAR

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I will be failing in my duty if I do not express my deepest gratitude to those microbes, who sacrificed their life during my experiment.

SUMMARY

The active phytochemical constituents present in these medicinal plants imports high the rapeutic properties that can prevent ,respiratory infection and reduce the number of transient microbial flora ,and hence these medicinal plants acts as a best alternative source of synthetic medicins used for the medicins ,and these medicinal plants also contain higher amount of polyphenolic compounds which acts as a higher antimicrobial action on the Urinary infection causing microorganisms ,and so these medicinal plants acts as an best alternative source for the synthetic medicines.

ANTIMICROBIAL ACTIVITY OF *Pyhllanthus amarus* AGAINST URINARY TRACT BACTERIAL PATHOGENS

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Mr. S.SURESH

[Reg. No: C21PG127MIB011]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA

2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology.

Sengunthar Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06.05.2023

CERTIFICATE

This is to certify that the dissertation entitled on **"Antimicrobial activity of *Phyllanthus amarus* against urinary tract bacterial pathogens"** done by **S.SURESH (Reg.No:C21PG127MIB011)** during academic year 2022-2023 in partial fulfillment for **Master of Science in Microbiology**, Sengunthar Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

A.P. 4/5/23

Head of the Department

Dr.P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205. (TN).

A.P. 4/5/23

Guide

Dr.P. VENKATACHALAM

Submitted for the viva-voice examination held on 06.05.2023

Examiners:

1. 6/5/23

2. 6/5/23

DECLARATION

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Counter Signed by Guide

Dr.P. VENKATACHALAM

Signature of the student

S.SURESH

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SUMMARY

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SCREENING OF PHYTOCHEMICAL PROPERTIES AND ANTIMICROBIAL ACTIVITY OF *Psidium guajava* LEAF EXTRACT AGAINST BACTERIAL PATHOGENS

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Mr. D. SUZZENDARAN

[Reg. No: C21PG127MIB012]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA

2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology.

Sengunthar Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06/05/2023

CERTIFICATE

This is to certify that the dissertation entitled on **"SCREENING OF PHYTOCHEMICAL PROPERTIES AND ANTIMICROBIAL ACTIVITY OF** *Psidium guajava* **LEAF EXTRACT AGAINST BACTERIAL PATHOGENS"** done by **D. SUZZENDARAN (Reg.No:C21PG127MIB012)** during academic year 2022-2023 in partial fulfillment for **Master Of Science in Microbiology**, Sengunthar Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

Head of the Department

Dr.P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205, (TNV).

Guide 04/05/2023.

MR.T.R.PRAKASH

Submitted for the viva-voice examination held on 06-05-2023

Examiners:

1.

2. 06/05/23

DECLARATION

I hereby declare that the dissertation entitled on **"SCREENING OF PHYTOCHEMICAL PROPERTIES AND ANTIMICROBIAL ACTIVITY OF *Psidium guajava* LEAF EXTRACT AGAINST BACTERIAL PATHOGENS"** submitted to Periyar University, salem, Tamilnadu, India In partial fulfillment of **Master of Science In Microbiology**, is recorded of original work done by me under the Guidance of **Mr T.R.PRAKASH, M.sc., M.phil.,** Assistant Professor, **PG and Research Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode,** and it has not previously formed the basis for the award of degree, diploma, associate ship, fellowship, or other similar title to any candidate of any university.

Counter Signed by Guide

Mr.T.R.PRAKASH

Signature of the student

D. SUZZENDARAN

ACKNOWLEDGMENT

It is with greatest pleasure, I look back to acknowledge several people who had been a source of inspiration, encouragement throughout my project work.

With great sense of truthfulness, I render my gratitude and sincere thanks to my guide and supervisor, **Mr T.R.PRAKASH M.Sc., M.Phil.,** Assistant Professor, Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode for provided me an opportunity to do my M.Sc research and which has enriched me tremendously. He has taught me how to critically approach a difficult problem to seek a solution through perseverance and hard work.

I am deeply grateful to our Excellency our College, Correspondent **Prof. A. Baladhandapani, M.A., M.Phil.,**

Dr. S. Ravikumar,M.Sc., M.Phil., Ph.D., Principal Sengunthar Arts and Science College, Tiruchengode, for the encouragement during the entire course of study for providing me an opportunity to undertake this study.

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My heartfelt thanks to my faculty members **Dr. P. Ashok kumar, M.Sc., Ph.D., Ms. T. Nivedharshini, M.Sc., M.Phil.,** and **T.R. Prakash M.Sc., M.Phil.,** Assistant professor, Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode for their encouragement and support.

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I will be failing in my duty if I do not express my deepest gratitude to those microbes, who sacrificed their life during my experiment.

SUMMARY

Psidium guajava have active components that help to treat and manage various infectious diseases . The many parts of the plant can been used in traditional medicine to manage medical. Its leaf contains copious amounts of phenolic phytochemicals which inhibit peroxidation reaction in the living body, and therefore can be expected to prevent various chronic diseases such as diabetes, cancer, heart-disease . Guava is rich in tannins, phenols, triterpenes, flavonoids, essential oils, saponins, carotenoids, lectins, vitamins, fiber and fatty acids. The leaves of guava are rich in flavonoids and phenols.

Guava (*Psidium guajava*) in medicine, extracts of leaves are used to treat gastroenteritis, vomiting, diarrhea, dysentery, wounds, ulcers, toothache, coughs, sore throat, inflamed gums, and a number of other conditions. Guava leaves contain essential oil with the main components being α-pinene, β-pinene, limonene, menthol, terpenyl acetate, isopropyl alcohol, longicyclene, caryophyllene, β-bisabolene, caryophyllene oxide, β-copaene, farnesene, humulene, selinene, cardinene, and curcumene . *Psidium guajava* is a phytotherapic plant commonly known as guava. It is also known as poor man's apple. Guava is proven for its antidiarrheal, antimicrobial, antiparasitic, antitussive, hepatoprotective, antioxidant, antigenotoxic, antimutagenic, antiallergic, anticancer, and antihyperglycemic effects.

COFFEE WASTE MANAGEMENT

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Ms. S. LAVANYA

[Reg. No: C21PG127MIB013]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA

2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology.

Sengunthar Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06.05.2023

CERTIFICATE

This is to certify that the dissertation entitled on **"COFFEE WASTE MANAGEMENT"** done by **S.LAVANYA (Reg.No:C21PG127MIB013)** during academic year 2022-2023 in partial fulfillment for **Master Of Science in Microbiology**, Sengunthar Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

A.P. 4/5/23

Head of the Department

Dr. P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205 (TN)

A.P. 4/5/23

Guide

Dr. P. VENKATACHALAM

Submitted for the viva-voice examination held no 06.05.2023

Examiners:

1. 6/5/23

2. 06/05/23

DECLARATION

I hereby declare that the dissertation entitled on **"COFFEE WASTE MANAGEMENT"** submitted to Periyar University, salem, Tamilnadu, India. In partial fulfillment of **Master of Science In Microbiology**, is recorded of original work done by me under the Guidance of **Dr. P. Venkatachalam, M.Sc., M.Phil., Ph.D.,** Assistant Professor and Head, **PG and Research Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode**, and it has not previously formed the basis for the award of degree, diploma, associate ship, fellowship, or other similar title to any candidate of any university.

Counter Signed by Guide

DR. P. VENKATACHALAM

Signature of the student

S. LAVANYA

ACKNOWLEDGMENT

It is with greatest pleasure, I look back to acknowledge several people who had been a source of inspiration, encouragement throughout my project work.

With great sense of truthfulness, I render my gratitude and sincere thanks to my guide and supervisor, **Dr.P.Venkatachalam, M.Sc., M.Phil., Ph.D.,** Assistant Professor and Head, Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode for provided me an opportunity to do my M.Sc research and which has enriched me tremendously. He has taught me how to critically approach a difficult problem to seek a solution through perseverance and hard work.

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I will be failing in my duty if I do not express my deepest gratitude to those microbes, who sacrificed their life during my experiment.

SUMMARY

Considering the spectrum of coffee wastes that are obtained under varied conditions of coffee processing and their possible utilization, there seems to be only a few practical uses at estate level.

The present study dealt with the coffee waste management and the use of coffee waste for the following purposes.

Basal media was formulated for bacteria and fungi using sugar source.Coffee pulp was used as the substrate for oyster mushroom production was observed that oyster mushroom yield was greater while using coffee pulp compound.

Coffee pulp extract was used as the substrate for alcohol production (0.22%) per ml.

EXTRACTION OF NANOCURCUMIN FROM TURMERIC AND ITS PHARMACEUTICALS EFFIGACY AGAINST VANCOMYCIN RESISTANT *Staphylococcus aureus*

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Ms. N. SRISIKAA

[Reg. No: C21PG127MIB015]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA

2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology,

Sengunthar Arts and Science college,

Tiruchengode - 637205,Tamilnadu, India

Date: 06.05.2023

CERTIFICATE

This is to certify that the dissertation entitled on **"EXTRACTION OF NANOCURCUMIN FROM TURMERIC AND ITS PHARMACEUTICALS EFFICACY AGAINST VANCOMYCIN RESISTANT *Staphylococcus aureus*"** done by **N. SRISIKAA (Reg.No:C2IPG127MIB015)** during academic year 2022-2023 in partial fulfillment for **Master Of Science in Microbiology**, Sengunthar Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

Head of the Department

DR. P. VENKATACHALAM
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205, (TN).

Guide

DR. P. ASHOK KUMAR

Submitted for the viva-voice examination held no 06.05.2023

Examiners:

1.

2.

DECLARATION

I hereby declare that the dissertation entitled on **"EXTRACTION OF NANOCURCUMIN FROM TURMERIC AND ITS PHARMACEUTICALS EFFICACY AGAINST VANCOMYCIN RESISTANT *Staphylococcus aureus*"** submitted to Periyar University, Salem, Tamilnadu, India. In partial fulfillment of **Master of Science In Microbiology**, is recorded of original work done by me under the Guidance of **Dr. P. Ashok kumar, M.Sc., Ph.D.**, Assistant Professor, **PG and Research Department of Microbiology, Senguntha Arts and Science College, Tiruchengode,** and it has not previously formed the basis for the award of degree, diploma, associate ship, fellowship, or other similar title to any candidate of any university.

Counter Signed by Guide

DR. P. ASHOK KUMAR

Signature of the student

N. SRISIKAA

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SUMMARY AND CONCLUSION

- 10 different Strains of Clinical pathogens were isolated from wound samples and it were identified as Vancomycin Resistant *Staphylococcus aureus* based on the morphological and biochemical characters and selective media. Out of 10 strains, 5 strains were selected according to the drug resistance pattern.

- 10 different antibiotics were used to determine the phenotypic characterization. Based on that 5 VRSA strains were selected for further study like S2,S3,S4,S6 and S10.

- Curcumin was extracted from *Curcuma longa* and *Curcuma aromatic* it showed yellow gel in nature. The qualitative analysis showed that it was curcumin.

- Antibacterial activity of curcumin extracts *Curcuma longa* were studied. Maximum zone of inhibition (30mm) was recorded in *Curcuma aromatic* VRSA S2 and S4 strain and *Curcuma longa* showed 18mm for S3.

- Curcunim were done by using *Curcuma longa* and *Curcuma aromatica* extracts. Nanoparticle suspension were subjected to UV-visible spectra for the spectrometric analysis to confirm the formation or presence of the nanoparticles. Antibacterial activity of nanocurcumin synthesized using *Curcuma longa* and *Curcuma aromatica* was studied. Zone of inhibition showed that nanocurcumin of *Curcuma longa* was 30mm (S3) & 33mm(S4) of *Curcuma aromatic*.

- The least Minimum inhibition concentration of curcumin and nanocurcumin range from 31.25 to 62.5 mg/ml concentration for *Curcuma longa* and *Curcuma aromatic*.

- These curcumin extract were spotted on TLC plates and stained like vanillin-sulphuric acid reagent. It showed Rf value 0.46, which confirmed curcumin.

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5	C21PG127COS005	V.DEEPIKA	A STUDY ON EMPLOYEES STRESS IN COMFORT MEDITEX INDIA(P) LTD, KAILSAMPALAYAM.	COMFORT MEDITEX INDIA(P) LTD, KAILSAMPALAYAM	DR.N.SANTHI
6	C21PG127COS006	G.GOMATHI	A STUDY ON EMPLOYEES MOTIVATION IN PODARAN FOODS INDIA PVT LTD, KAGAYAM.	PODARAN FOODS INDIA PVT LTD, KAGAYAM.	DR.N.SANTHI
7	C21PG127COS007	S.INDHU	A STUDY ON EMPLOYEES PERFORMANCE APPRAISAL IN P.K.P.N SPINNING MILLS(P) LIMITED, SOWDAPURAM.	P.K.P.N SPINNING MILLS(P) LIMITED, SOWDAPURAM.	DR.N.SANTHI
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HOD

SENGUNTHAR ARTS AND SCIENCE COLLEGE

POST GRADUATE DEPARTMENT OF COMMERCE (CS)

TIRUCHENGODE – 637 205.

CERTIFICATE

This is to certify that this project report is submitted by **HARIHARAN.B** (Reg.No.C21PG127COS001) a bonafide student of **MASTER OF COMMERCE CORPORATE SECRETARYSHIP)** of **SENGUNTHAR ARTS AND SCIENCE COLLEGE,TIRUCHENGODE** who has undergone training at **"SELECT SMALL SCALE GARMENTS AND APPAREL INDUSTRIES IN TIRUPUR CITY"** from 02.01.2023 to 03.03.2023 in partial fulfillment of requirements for the degree of **MASTER OF COMMRCE(CORPORATESECRETARYSHIP)**of **PERIYAR UNIVERSITY.**

PLACE: Tiruchengode
DATE : 28/04/2023

HEAD OF THE DEPARTMENT
(Dr. N. SANTHI,M.C.S., M.Com., M.Phil., Ph.D.,)

GUIDE AND SUPERVISOR
(Dr. N. SANTHI,M.C.S., M.Com., M.Phil.,Ph.D.,)

Date of Viva-Voce Exam: 28/04/2023

INTERNAL EXAMINAR

EXTERNAL EXAMINAR

SENGUNTHAR ARTS AND SCIENCE COLLEGE

POST GRADUATE DEPARTMENT OF COMMERCE (CS)

TIRUCHENGODE – 637 205.

CERTIFICATE

This is to certify that this project report is submitted by **MURUGAN.R** (Reg.No.C21PG127COS002) a bonafide student of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **SENGUNTHAR ARTS AND SCIENCE COLLEGE,TIRUCHENGODE** who has undergone training at **"NANDHI DALL MILLS.,"** from 02.01.2023 to 03.03.2023 in partial fulfillment of requirements for the degree of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **PERIYAR UNIVERSITY.**

PLACE: Tiruchengode

DATE : 28/04/2023

HEAD OF THE DEPARTMENT

(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

GUIDE AND SUPERVISOR

(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

Date of Viva-Voce Exam: 28-04-23

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SENGUNTHAR ARTS AND SCIENCE COLLEGE

POST GRADUATE DEPARTMENT OF COMMERCE (CS)

TIRUCHENGODE – 637 205.

CERTIFICATE

This is to certify that this project report is submitted by RAJAMANICKAM.K (Reg.No:C21PG127COS003) a bonafide student of MASTER OF COMMERCE (CORPORATE SECRETARYSHIP) of SENGUNTHAR ARTS AND SCIENCE COLLEGE,TIRUCHENGODE who has undergone training at "SRI SOWDESWARI MILLS (P) LTD.," from 02.01.2023 to 03.03.2023 in partial fulfillment of requirements for the degree of MASTER OF COMMERCE (CORPORATE SECRETARYSHIP) of PERIYAR UNIVERSITY.

PLACE: Tiruchengode

DATE : 28-04-23

HEAD OF THE DEPARTMENT

(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

~~Ph.D)~~

GUIDE AND SUPERVISOR

(Dr. N. SANTHI, M.C.S., M.Com, M.Phil.,

Date of Viva-Voce Exam: 28/04/23.

INTERNAL EXAMINAR

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SENGUNTHAR ARTS AND SCIENCE COLLEGE

POST GRADUATE DEPARTMENT OF COMMERCE (CORPORATE SECRETARYSHIP)

TIRUCHENGODE – 637 205.

CERTIFICATE

This is to certify that the project report is submitted by **M.SABARI RAGHUMAN** (Reg.No.C21PG127COS004) a bonafide student of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE** who has undergone training a **"JANSONS INDUSTRIES LIMITED, TIRUCHENGODE"** from 02.-01-2023 to 03-03-2023in partial fulfillment of requirements for the degree of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **PERIYAR UNIVERSITY.**

PLACE: Tiruchengode
DATE : 28/4/23

HEAD OF THE DEPARTMENT
(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

GUIDE AND SUPERVISOR
(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

Date of Viva-Voce Exam: 28/4/23

INTERNAL EXAMINAR

28/04/2023
EXTERNAL EXAMINAR

SENGUNTHAR ARTS AND SCIENCE COLLEGE

POST GRADUATE DEPARTMENT OF COMMERCE (CS)

TIRUCHENGODE – 637 205.

CERTIFICATE

This is to certify that this project report is submitted by DEEPIKA.V (Reg.No:C21PG127COS005) a bonafide student of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE** who has undergone training at **"COMFORT MEDITEX INDIA (P) LTD.,"** from 02.01.2023 to 03.03.2023 in partial fulfillment of requirements for the degree of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **PERIYAR UNIVERSITY.**

PLACE: Tiruchengode
DATE : 28.04.2023.

HEAD OF THE DEPARTMENT
(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

GUIDE AND SUPERVISOR
(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

Date of Viva-Voce Exam: 28.04.2023

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SENGUNTHAR ARTS AND SCIENCE COLLEGE

POST GRADUATE DEPARTMENT OF COMMERCE (C.S)

TIRUCHENGODE – 637 205.

CERTIFICATE

This is to certify that this project report is submitted by GOMATHI.G (Reg.No:C21PG127COS006) a bonafide student of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE,** who has undergone training at **"PODARAN FOODS INDIA PVT LTD"** from 02.01.2023 to 03.03.2023 in partial fulfillment of requirements for the degree of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **PERIYAR UNIVERSITY.**

PLACE: Tiruchengode

DATE : 28/04/23

HEAD OF THE DEPARTMENT

(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

28/4/23

GUIDE AND SUPERVISOR

(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

Date of Viva-Voce Exam: 28/4/23

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TIRUCHENGODE – 637 205.

CERTIFICATE

This is to certify that this project report is submitted by INDHU.S (Reg.No:C21PG127COS007) a bonafide student of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **SENGUNTHAR ARTS AND SCIENCE COLLEGE,TIRUCHENGODE,** who has undergone training at **"P.K.P.N SPINNING MILLS (P) LTD.,"** from 02.01.2023 to 03.03.2023 in partial fulfillment of requirements for the degree of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **PERIYAR UNIVERSITY.**

PLACE: Tiruchengode

DATE : 28-04-2023

HEAD OF THE DEPARTMENT

(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

GUIDE AND SUPERVISOR

(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

Date of Viva-Voce Exam: 28-04-2023

INTERNAL EXAMINAR

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SENGUNTHAR ARTS AND SCIENCE COLLEGE

POST GRADUATE DEPARTMENT OF COMMERCE (CS)

TIRUCHENGODE – 637 205.

CERTIFICATE

This is to certify that this project report is submitted by JOTHIMANI.K (Reg.No:C21PG127COS008) a bonafide student of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE** who has undergone training at "**AAVIN MILK PRODUCTS IN SELECT CO-OPERATIVE STORE AT SALEM CITY.,**" from 02.01.2023 to 03.03.2023 in partial fulfilment of requirements for the degree of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **PERIYAR UNIVERSITY.**

PLACE: Tiruchengode

DATE : 28.04.2023

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HEAD OF THE DEPARTMENT
(Dr. N. SANTHI,M.C.S., M.Com., M.Phil., Ph.D.,)

GUIDE AND SUPERVISOR
(Dr. N. SANTHI,M.C.S., M.Com., M.Phil.,Ph.D.,)

INTERNAL EXAMINAR

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Tiruchengode – 637 205, Namakkal dt., Tamilnadu

Since 1991

DEPARTMENT OF COMMERCE

PROJECT TITLE

CLESS: III B.COM A&B **BATCH : 2020- 2023**

S.No	SReg.No	Student Name	Project Title
1	20UCM2647	V.Ajaykumar	A Study on Financial Analysis of Amazon Company
2	20UCM2648	M.Arunjayaprakash	A Study on Financial Analysis of Amazon Company
3	20UCM2649	S.Arunprasanth	A Study on Financial Analysis of Amazon Company
4	20UCM2650	L.Balaji	A Study on Financial Analysis of Amazon Company
5	20UCM2651	G.Boopathi	A Study on Financial Analysis of Amazon Company
6	20UCM2652	D.Dhanushkumar	A Study on Financial Analysis of Amazon Company
7	20UCM2653	M.Dharmaseelan	A Study on Financial Analysis of Amazon Company
8	20UCM2654	S.Dhineshkumar	A Study on Financial Perfomance Analysis of HDFC Bank
9	20UCM2656	L.Gowrisankar	A Study on Financial Perfomance Analysis of HDFC Bank
10	20UCM2657	R.Gowtham	A Study on Financial Perfomance Analysis of HDFC Bank
11	20UCM2658	S.Harish	A Study on Financial Perfomance Analysis of HDFC Bank
12	20UCM2659	M.Harishkumar	A Study on Financial Perfomance Analysis of HDFC Bank
13	20UCM2660	R S.Jagadeeshwar	A Study on Financial Perfomance Analysis of HDFC BankS
14	20UCM2661	M.Jagadeeshwaran	A Study on Online Shopping Behaviour of College Students with special reference to Namakkal City
15	20UCM2662	M.Jaganathan	A Study on Online Shopping Behaviour of College Students with special reference to Namakkal City
16	20UCM2663	V.Jeevanandham	A Study on Online Shopping Behaviour of College Students with special reference to Namakkal City
17	20UCM2664	A.Kannan	A Study on Online Shopping Behaviour of College Students with

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			special reference to Namakkal City
18	20UCM2665	R.Karthi	A Study on Online Shopping Behaviour of College Students with special reference to Namakkal City
19	20UCM2666	D K.Karthick	A Study on Online Shopping Behaviour of College Students with special reference to Namakkal City
20	20UCM2667	S.Karthikeyan	A Study on Online Shopping Behaviour of College Students with special reference to Namakkal City
21	20UCM2668	P.Kavibharathi	A Study on Consumer satisfaction towards Honda Two Wheelers in Namakkal City
22	20UCM2669	P.Kavinkumar	A Study on Consumer satisfaction towards Honda Two Wheelers in Namakkal City
23	20UCM2670	S.Kesavan	A Study on Consumer satisfaction towards Honda Two Wheelers in Namakkal City
24	20UCM2671	G.Kirubhakaran	A Study on Consumer satisfaction towards Honda Two Wheelers in Namakkal City
25	20UCM2672	P.Kodeeshwaran	A Study on Consumer satisfaction towards Honda Two Wheelers in Namakkal City
26	20UCM2673	R.Krishna	A Study on Consumer satisfaction towards Honda Two Wheelers in Namakkal City
27	20UCM2674	M.Krishnamoorthi	A Study on Consumer satisfaction towards Honda Two Wheelers in Namakkal City
28	20UCM2675	P.Lokesh	A Study on Customer Perception towards Royal Enfield in Namakkal City
29	20UCM2676	S.Madhan	A Study on Customer Perception towards Royal Enfield in Namakkal City
30	20UCM2677	R.Mayilraj	A Study on Customer Perception towards Royal Enfield in Namakkal City
31	20UCM2678	R.Murali	A Study on Customer Perception towards Royal Enfield in Namakkal City
32	20UCM2680	K.Nanthakumar	A Study on Customer Perception towards Royal Enfield in Namakkal City
33	20UCM2681	M.Naveen	A Study on Customer Perception towards Royal Enfield in Namakkal City

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34	20UCM2682	G.Nishanth	A Study on Financial Performance and Statement Analysis in ICICI Bank
35	20UCM2683	S.Perumal	A Study on Financial Performance and Statement Analysis in ICICI Bank
36	20UCM2684	V.Pradeep	A Study on Financial Performance and Statement Analysis in ICICI Bank
37	20UCM2685	K.Prakash	A Study on Financial Performance and Statement Analysis in ICICI Bank
38	20UCM2686	K.Ragu	A Study on Financial Performance and Statement Analysis in ICICI Bank
39	20UCM2687	M.Ragul	A Study on Financial Performance and Statement Analysis in ICICI Bank
40	20UCM2688	R.Ragul	A Study on Customer Satisfaction about online shopping of Flipkart App
41	20UCM2689	G.Raja	A Study on Customer Satisfaction about online shopping of Flipkart App
42	20UCM2690	R.Ranjithkumar	A Study on Customer Satisfaction about online shopping of Flipkart App
43	20UCM2691	A.Sakthivel	A Study on Customer Satisfaction about online shopping of Flipkart App
44	20UCM2692	S.Sasikumar	A Study on Customer Satisfaction about online shopping of Flipkart App
45	20UCM2693	M.Senthilkumar	A Study on Customer Satisfaction about online shopping of Flipkart App
46	20UCM2694	M. Sivakumar	A Study on Customer Satisfaction about online shopping of Flipkart App
47	20UCM2695	R V.Sivaraman	A Study on Financial Performance Analysis of UltraTech Cement Limited
48	20UCM2696	M.Surendharan	A Study on Financial Performance Analysis of UltraTech Cement Limited
49	20UCM2697	S.Thirumurugan	A Study on Financial Performance Analysis of UltraTech Cement Limited
50	20UCM2698	R.Veeramanikandan	A Study on Financial Performance Analysis of UltraTech Cement Limited
51	20UCM2699	D.Vigneshraj	A Study on Financial Performance Analysis of UltraTech Cement Limited
52	20UCM2700	A.Abinayakiruthiga	A Study on Customer Satisfaction towards Fastrack watch in Namakkal District
53	20UCM2701	R.Bhuvaneshwari	A Study on Customer Satisfaction towards Fastrack watch in Namakkal District
54	20UCM2702	K.Daksha	A Study on Customer Satisfaction towards Fastrack watch in Namakkal

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			District
55	20UCM2704	P.Divya	A Study on Customer Satisfaction towards Fastrack watch in Namakkal District
56	20UCM2705	J.Geethapriya	A Study on Customer Satisfaction towards Fastrack watch in Namakkal District
57	20UCM2706	V.Gomathi	A Study on Customer Satisfaction towards Fastrack watch in Namakkal District
58	20UCM2707	S.Gunasri	A Study on Customer Satisfaction towards Fastrack watch in Namakkal District
59	20UCM2708	P.Ishwarya	A Study on Customer Satisfaction towards Apple Iphone in Namakkal City
60	20UCM2709	V.Jothika	A Study on Customer Satisfaction towards Apple Iphone in Namakkal City
61	20UCM2710	S.Kalaivani	A Study on Customer Satisfaction towards Apple Iphone in Namakkal City
62	20UCM2711	D.Karthika	A Study on Customer Satisfaction towards Apple Iphone in Namakkal City
63	20UCM2712	V.Kavya	A Study on Customer Satisfaction towards Apple Iphone in Namakkal City
64	20UCM2713	S.Kowsalya	A Study on Customer Satisfaction towards Apple Iphone in Namakkal City
65	20UCM2714	D.Lekha	A Study on Financial Performance Analysis of Seshasyee Paper and Board Limited
66	20UCM2715	M.Maha Vidhya	A Study on Financial Performance Analysis of Seshasyee Paper and Board Limited
67	20UCM2716	S.Mariyayee	A Study on Financial Performance Analysis of Seshasyee Paper and Board Limited
68	20UCM2718	S.Monika	A Study on Financial Performance Analysis of Seshasyee Paper and Board Limited
69	20UCM2719	P.Mynavarshini	A Study on Financial Performance Analysis of Seshasyee Paper and Board Limited
70	20UCM2721	M.Nivetha	A Study on Financial Performance Analysis of Seshasyee Paper and Board Limited

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71	20UCM2722	U.Pavithra	A study on Financial Performance Analysis of Ponni Sugar (Erode) Limited
72	20UCM2723	B.Praveena	A study on Financial Performance Analysis of Ponni Sugar (Erode) Limited
73	20UCM2727	D.Ramyadevi	A study on Financial Performance Analysis of Ponni Sugar (Erode) Limited
74	20UCM2728	B.Ranjani	A study on Financial Performance Analysis of Ponni Sugar (Erode) Limited
75	20UCM2729	P.Roja	A study on Financial Performance Analysis of Ponni Sugar (Erode) Limited
76	20UCM2730	R.Roja	A study on Financial Performance Analysis of Ponni Sugar (Erode) Limited
77	20UCM2731	C.Rubeswari	A Study on Customer Satisfaction of Hyundai cars with special Reference to Namakkal City
78	20UCM2732	V.Rudhra Priya	A Study on Customer Satisfaction of Hyundai cars with special Reference to Namakkal City
79	20UCM2734	M.Sandhiya	A Study on Customer Satisfaction of Hyundai cars with special Reference to Namakkal City
80	20UCM2735	G.Sangeetha	A Study on Customer Satisfaction of Hyundai cars with special Reference to Namakkal City
81	20UCM2737	R.Saranya	A Study on Customer Satisfaction of Hyundai cars with special Reference to Namakkal City
82	20UCM2738	V.Saranya	A Study on Customer Satisfaction of Hyundai cars with special Reference to Namakkal City
83	20UCM2739	J.Sathya	A Study on Customer Satisfaction towards Bajaj Auto Limited with special Reference to Namakkal City
84	20UCM2742	M.Sharmila	A Study on Customer Satisfaction towards Bajaj Auto Limited with special Reference to Namakkal City
85	20UCM2743	R.Soundharya	A Study on Customer Satisfaction towards Bajaj Auto Limited with special Reference to Namakkal City
86	20UCM2744	A.Sowndarya	A Study on Customer Satisfaction towards Bajaj Auto Limited with special Reference to Namakkal City

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87	20UCM2745	J.Sridevi	A Study on Customer Satisfaction towards Bajaj Auto Limited with special Reference to Namakkal City
88	20UCM2746	B.Srimalini	A Study on Customer Satisfaction towards Bajaj Auto Limited with special Reference to Namakkal City
89	20UCM2747	R M.Srimathi	A Study on Customer Satisfaction towards Reliance JIO with special reference in Salem City
90	20UCM2748	T.Srisuruthiga	A Study on Customer Satisfaction towards Reliance JIO with special reference in Salem City
91	20UCM2749	S.Sujithasri	A Study on Customer Satisfaction towards Reliance JIO with special reference in Salem City
92	20UCM2750	R.Suvathi	A Study on Customer Satisfaction towards Reliance JIO with special reference in Salem City
93	20UCM2751	R.Usha	A Study on Customer Satisfaction towards Reliance JIO with special reference in Salem City
94	20UCM2752	R.Vijiyarani	A Study on Customer Satisfaction towards Reliance JIO with special reference in Salem City
95	20UCM2753	M.Vishalini	A Study on Customer Satisfaction towards Reliance JIO with special reference in Salem City

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PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is certify that the project report entitled, **A STUDY ON FINANCIAL ANALYSIS OF AMAZON COMPANY** submitted to the Periyar University in Partial fulfilment of the requirements for the award of the degree "BACHELOR OF COMMERCE" is a record of Bonafide Project work carried out by **AJAY KUMAR.V(Reg .No: 20UCM2647)** during in the period of his study in the Department of Commerce, Sengunthar Arts and Science College, Tiruchengode, under my guidance and Supervision. No part of this Project work has been submitted for the award of any Degree, Diploma, Fellowship or Other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or Magazines.

Date : 28.11.2022

Place: TIRUCHENGODE

28/11/2022

Signature of the Head of the Department

28/11/2022

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Sci ıce College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 01.12.2022

01/12/2022

Internal Examiner

1/12/22

External Examiner

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SENGUNTHAR ARTS AND SCIENCE COLLEGE
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CERTIFICATE

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Date : 28.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 01.12.2022

01/12/2022

Internal Examiner

External Examiner

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PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

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Date : 30.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637

Date of Viva-Voce Exam: 1.12.2022

Internal Examiner

External Examiner

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PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

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Date : 28.11.2022

Place: TIRUCHENGODE

P.U.M. 28/11/2022

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

P.U.M. 28/11/2022

Signature of the Supervisor

Date of Viva-Voce Exam: 01.12.2022

P.U.M. 01/12/2022

Internal Examiner

1/12/22

External Examiner

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PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

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Date : 28.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 01.12.2022

Internal Examiner

External Examiner

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PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

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Date : 30.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Signature of the Supervisor

Date of Viva-Voce Exam: 1.12.2022

Internal Examiner

External Examiner

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PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is certify that the project report entitled, "**A STUDY ON FINANCIAL PERFORMANCE ANALYSIS OF HDFC BANK**" submitted to the Periyar University in Partial fulfilment of the requirements for the award of the degree "BACHELOR OF COMMERCE" is a record of Bonafide Project work carried out by **DHINESHKUMAR S (Reg. No: 20UCM2654)** during in the period of his study in the Department of Commerce, Sengunthar Arts and Science College, Tiruchengode, under my guidance and Supervision. No part of this Project work has been submitted for the award of any Degree, Diploma, Fellowship or Other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or Magazines.

Date : 28/11/2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205, Namakkal-Dt.

Date of Viva-Voce Exam: 1/12/2022

Internal Examiner

External Examiner

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PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is certify that the project report entitled, **"A STUDY ON FINANCIAL PERFORMANCE ANALYSIS OF HDFC BANK"** submitted to the Periyar University in Partial fulfilment of the requirements for the award of the degree "BACHELOR OF COMMERCE" is a record of Bonafide Project work carried out by **GOWRISANKAR L (Reg. No: 20UCM2656)** during in the period of his study in the Department of Commerce, Sengunthar Arts and Science College, Tiruchengode, under my guidance and Supervision. No part of this Project work has been submitted for the award of any Degree, Diploma, Fellowship or Other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or Magazines.

Date : 28.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt.

Date of Viva-Voce Exam: 01.12.2022

Internal Examiner

External Examiner

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PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

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Date : 28.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Signature of the Supervisor

Date of Viva-Voce Exam: 01.12.2022

Internal Examiner

External Examiner

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SENGUNTHAR ARTS AND SCIENCE COLLEGE
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Date : 28.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 01.12.2022

Internal Examiner

External Examiner

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SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

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Date : 28-11-2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Signature of the Supervisor

Date of Viva-Voce Exam: 01-12-2022

Internal Examiner

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TIRUCHENGODE - 637 205.

CERTIFICATE

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Date : 28.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Signature of the Supervisor

Date of Viva-Voce Exam: 01.12.2022

Internal Examiner

External Examiner

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PRINCIPAL,
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is certify that the project report entitled, **"ONLINE SHOPPING BEHAVIOUR OF COLLEGE STUDENTS (A STUDY WITH REFERENCE TO NAMAKKAL CITY)"** submitted to the Periyar University in Partial fulfilment of the requirements for the award of the degree "BACHELOR OF COMMERCE" is a record of Bonafide Project work carried out by **JAGADEESHWARAN M (Reg.No: 20UCM2661)** during in the period of his study in the Department of Commerce, Sengunthar Arts and Science College, Tiruchengode, under my guidance and Supervision. No part of this Project work has been submitted for the award of any Degree, Diploma, Fellowship or Other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or Magazines.

Date : 29.11.2022

Place: TIRUCHENGODE

R.U.H 29/11/2022

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

R.U.H 29/11/2022

Signature of the Supervisor

Date of Viva-Voce Exam: 1.12.2022

R.U.H 01/12/22

Internal Examiner

1/12/22

External Examiner

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PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is certify that the project report entitled, **"ONLINE SHOPPING BEHAVIOUR OF COLLEGE STUDENTS (A STUDY WITH REFERENCE TO NAMAKKAL CITY)"** submitted to the Periyar University in Partial fulfilment of the requirements for the award of the degree "BACHELOR OF COMMERCE" is a record of Bonafide Project work carried out by **JAGANATHAN M (Reg. NO: 20UCM2666)** during in the period of his study in the Department of Commerce, Sengunthar Arts and Science College, Tiruchengode, under my guidance and Supervision. No part of this Project work has been submitted for the award of any Degree, Diploma, Fellowship or Other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or Magazines.

Date : 28.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Signature of the Supervisor

Date of Viva-Voce Exam: 01.12.2022

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PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is certify that the project report entitled, **"ONLINE SHOPPING BEHAVIOUR OF COLLEGE STUDENTS (A STUDY WITH REFERENCE TO NAMAKKAL CITY)"** submitted to the Periyar University in Partial fulfilment of the requirements for the award of the degree "BACHELOR OF COMMERCE" is a record of Bonafide Project work carried out by **JEEVANANDHAM V (Reg. NO: 20UCM2663)** during in the period of his study in the Department of Commerce, Sengunthar Arts and Science College, Tiruchengode, under my guidance and Supervision. No part of this Project work has been submitted for the award of any Degree, Diploma, Fellowship or Other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or Magazines.

Date : 28.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Signature of the Supervisor

Date of Viva-Voce Exam: 01.12.2022

Internal Examiner

External Examiner

ATTESTED

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Date : 28.11.2022

Place: TIRUCHENGODE

R.U.Hgh 28/11/2022
Signature of the Head of the Department

R.U.Hgh 28/11/2022
Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 01.12.2022

R.U.Hgh 01/12/22
Internal Examiner

1/12/22
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Date : 28.11.2022

Place: TIRUCHENGODE

R.U.Hgle 28/11/2022
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Signature of the Supervisor

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Date of Viva-Voce Exam: 01-12-2022

R.U.Hgle 01/12/22
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1/12/22
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Date : 29.11.2022

Place: TIRUCHENGODE

29/11/2022

Signature of the Head of the Department

29/11/2022

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 01.12.2022

01/12/22

External Examiner

1/12/22

External Examiner

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Date : 28/11/2022

Place: TIRUCHENGODE

28/11/2022

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt.

28/11/2022

Signature of the Supervisor

Date of Viva-Voce Exam: 01/12/2022

01/12/22

Internal Examiner

1/12/22

External Examiner

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Date : 28.11.2022

Place: TIRUCHENGODE

28/11/2022

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

28/11/2022

Signature of the Supervisor

Date of Viva-Voce Exam: 01.12.2022

01/12/22

Internal Examiner

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SENGUNTHAR ARTS AND SCIENCE COLLEGE
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Date : 28:11:2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Head,
Department of Commerce,
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Tiruchengode-637205. Namakkal-Dt

Signature of the Supervisor

Date of Viva-Voce Exam: 01:12:2022

Internal Examiner

External Examiner

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Date : 28/11/2022

Place: TIRUCHENGODE

28/11/2022

Signature of the Head of the Department

28/11/2022

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 1.12.2022

01/12/22

Internal Examiner

1/12/22

External Examiner

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Date : 28.11.2022

Place: TIRUCHENGODE

R.U.H 28/11/2022

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt.

R.U.H 28/11/2022

Signature of the Supervisor

Date of Viva-Voce Exam: 01.12.2022

R.U.H 01/12/22

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Date : 28.11.2022

Place: TIRUCHENGODE

R.U.Mgle 28/11/2022

Signature of the Head of the Department

R.U.Mgle 28/11/2022

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 01.12.2022

R.U.Mgle 01/12/22

Internal Examiner

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Date : 28.12.2022

Place: TIRUCHENGODE

R.U. 28/11/2022

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

R.U. 28/11/2022

Signature of the Supervisor

Date of Viva-Voce Exam: 01.12.2022

R.U. 01/12/22

Internal Examiner

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Date : 29.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 01.12.2022

Internal Examiner

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TIRUCHENGODE - 637 205.

CERTIFICATE

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Date : 28.11.2022

Place: TIRUCHENGODE

R.D.Hyle 28/11/2022
Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt.

R.D.Hyle 28/11/2022
Signature of the Supervisor

Date of Viva-Voce Exam: 1.12.2022

R.D.Hyle 01/12/2022
Internal Examiner

External Examiner

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
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Date : 28-11-2022

Place: TIRUCHENGODE

28/11/2022

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Scionce College,
Tiruchengode-637205. Namakkal-Dt

28/11/2022

Signature of the Supervisor

Date of Viva-Voce Exam: 01.12.2022

01/12/2022

Internal Examiner

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Date : 28.11.2022

Place: TIRUCHENGODE

R.U.Rajesh 28/11/2022

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

R.U.Rajesh 28/11/2022

Signature of the Supervisor

Date of Viva-Voce Exam: 1.12.2022

R.U.Rajesh 01/12/2022

Internal Examiner

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Date : 28.11.2022.

Place: TIRUCHENGODE

28/11/2022

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205, Namakkal-Dt

28/11/2022

Signature of the Supervisor

Date of Viva-Voce Exam: 1.12.2022.

01/12/2022

Internal Examiner

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Date : 28.11.2022

Place: TIRUCHENGODE

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Signature of the Supervisor

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Department of Commerce,
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Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 01.12.2022

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Date : 29.11.2022

Place: TIRUCHENGODE

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Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

29/11/2022

Signature of the Supervisor

Date of Viva-Voce Exam: 01-12-2022

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Internal Examiner

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CERTIFICATE

This is certify that the project report entitled, **"A STUDY ON FINANCIAL PERFORMANCE AND STATEMENT ANALYSIS IN ICICI BANK"** submitted to the Periyar University in Partial fulfilment of the requirements for the award of the degree **"BACHELOR OF COMMERCE"** is a record of Bonafide Project work carried out by **NISHANTH G (Reg. No: 20UCM2682)** during in the period of his study in the Department of Commerce, Sengunthar Arts and Science College, Tiruchengode, under my guidance and Supervision. No part of this Project work has been submitted for the award of any Degree, Diploma, Fellowship or Other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

Date: 29/11/22

Place: TIRUCHENGODE

29/11/22

Signature of the Head of the Department

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Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

29/11/22

Signature of the Supervisor

Date of Viva-Voce Exam: 01.12.2022

1/12/22.

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Date: 29.11.22

Place: TIRUCHENGODE

29/11/2022

Signature of the Head of the Department

— Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

29/11/22

Signature of the Supervisor

Date of Viva-Voce Exam: 01.12.2022

01/12/22

Internal Examiner

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Date: 29/11/2022

Place: TIRUCHENGODE

29/11/2022

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

29/11/22

Signature of the Supervisor

Date of Viva-Voce Exam: 1/12/2022

01/12/22

Internal Examiner

1/12/22

External Examiner

ATTESTED

PRINCIPAL,
SENGUNTHAR [illegible] COLLEGE

CERTIFICATE

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Date: 29.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Head,
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Tiruchengode-637205, Namakkal-Dt

Signature of the Supervisor

Date of Viva-Voce Exam: 01.12.2022

Internal Examiner

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TIRUCHENGODE - 637 205.

CERTIFICATE

This is certify that the project report entitled, **"A STUDY ON FINANCIAL PERFORMANCE AND STATEMENT ANALYSIS IN ICICI BANK"** submitted to the Periyar University in Partial fulfilment of the requirements for the award of the degree **"BACHELOR OF COMMERCE"** is a record of Bonafide Project work carried out by **RAGU K (Reg. No: 20UCM2686)** during in the period of his study in the Department of Commerce, Sengunthar Arts and Science College, Tiruchengode, under my guidance and Supervision. No part of this Project work has been submitted for the award of any Degree, Diploma, Fellowship or Other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

Date: 29.11.2022

Place: TIRUCHENGODE

29/11/2022

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

29/11/22

Signature of the Supervisor

Date of Viva-Voce Exam: 01.12.2022

01/12/22

Internal Examiner

1/12/22

External Examiner

ATTESTED

PRINCIPAL.
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

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Date: 29. 11 2022

Place: TIRUCHENGODE

29/11/2022

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

29/11/22

Signature of the Supervisor

Date of Viva-Voce Exam: 01 12 2022

01/12/22

Internal Examiner

1/12/22

External Examiner

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is certify that the project report entitled, "**A STUDY ON CUSTOMER SATISFACTION ABOUT ONLINE SHOPPING OF FLIPKART APP**" submitted to the Periyar University in Partial fulfilment of the requirements for the award of the degree "**BACHELOR OF COMMERCE**" is a record of Bonafide Project work carried out by **RAGUL.R (Reg. No: 20UCM12688)**during in the period of his study in the Department of Commerce, Sengunthar Arts and Science College, Tiruchengode, under my guidance and Supervision. No part of this Project work has been submitted for the award of any Degree, Diploma, Fellowship or Other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or Magazines.

Date: 30.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 01.12.2022

Internal Examiner

External Examiner

ATTESTED

PRINCIPAL,
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

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Date: 30.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 01.12.2022

Internal Examiner

External Examiner

ATTESTED

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SENGUNTHAR ARTS AND SCIENCE COLLEGE
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Date: 30-11-2022

Place: TIRUCHENGODE

30/11/2022

Signature of the Head of the Department

Head
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt.

30/11/22

Signature of the Supervisor

Date of Viva-Voce Exam: 01-12-2022

01/12/22

Internal Examiner

1/12/22

External Examiner

ATTESTED

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Date: 30.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Signature of the Supervisor

Date of Viva-Voce Exam: 1.12.2022

Internal Examiner

External Examiner

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SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

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Date: 30.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205, Namakkal-Dt

Date of Viva-Voce Exam: 1.12.2022

Internal Examiner

External Examiner

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

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Date: 30/11/2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Signature of the Supervisor

Date of Viva-Voce Exam: 1.12.2022

Internal Examiner

External Examiner

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SENGUNTHAR ARTS AND SCIENCE COLLEGE
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Date: 30/11/2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 01.12.2022

Internal Examiner

External Examiner

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is certify that the project report entitled, "**A STUDY ON FINANCIAL PERFORMANCE ANALYSIS OF ULTRATECH CEMENT LIMITED**" submitted to the Periyar University in Partial fulfilment of the requirements for the award of the degree "BACHELOR OF COMMERCE" is a record of Bonafide Project work carried out by **SIVARAMAN R.V (Reg. No: 20UCM2695)** during in the period of his study in the Department of Commerce, Sengunthar Arts and Science College, Tiruchengode, under my guidance and Supervision. No part of this Project work has been submitted for the award of any Degree, Diploma, Fellowship or Other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or Magazines.

Date: 30.11.2022

Place: TIRUCHENGODE

30/11/2022

Signature of the Head of the Department

30/11/22

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 01.12.2022

1/12/22

Internal Examiner

1/12/22

External Examiner

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

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Date: 30.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Signature of the Supervisor

Date of Viva-Voce Exam: 02.12.2022

Internal Examiner

External Examiner

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

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Date: 30.11.2022

Place: TIRUCHENGODE

30/11/2022

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

30/11/22

Signature of the Supervisor

Date of Viva-Voce Exam: 02.12.2022

8/12/22

Internal Examiner

2/12/22

External Examiner

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

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Date: 30.11.2022

Place: TIRUCHENGODE

30/11/2022

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

30/11/22

Signature of the Supervisor

Date of Viva-Voce Exam: 02.12.2022

02/12/22

Internal Examiner

2/12/22

External Examiner

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode Tk. Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

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Date: 30.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Signature of the Supervisor

Date of Viva-Voce Exam: 02.12.2022

Internal Examiner

External Examiner

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON CUSTOMER SATISFACTION TOWARDS FASTRACK WATCH IN NAMAKKAL DISTRICT** is a bonafide work carried out by **A.ABINAYAKIRUTHIGA, REG. No - 20UCM2700** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the Degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

29/11/22

GUIDE'S SIGNATURE

29/11/2022

HOD'S SIGNATURE

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Project work evaluation viva-voce examination conducted on 02-12-2022

By

02/12/22

INTERNALEXAMINER

2/12/22

EXTERNALEXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON CUSTOMER SATISFACTION TOWARDS FASTRACK WATCH IN NAMAKKAL DISTRICT** is a bonafide work carried out by **R.BHUVANESHWARI, REG. No - 20UCM2701** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the Degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

29/11/22

GUIDE'S SIGNATURE

29/11/2022

HOD'S SIGNATURE

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Project work evaluation viva-voce examination conducted on 02-12-2022

By

02/12/22

EXTERNALEXAMINER

2/12/22

EXTERNALEXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON CUSTOMER SATISFACTION TOWARDS FASTRACK WATCH IN NAMAKKAL DISTRICT** is a bonafide work carried out by **K.DAKSHA, REG. No - 20UCM2702** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the Degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

29/11/22

GUIDE'S SIGNATURE

29/11/2022

HOD'S SIGNATURE

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Project work evaluation viva-voce examination conducted on 02.12.2022

By

02/12/22

INTERNALEXAMINER

2/12/22

EXTERNALEXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., **M.Phil., Ph.D.,**
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON CUSTOMER SATISFACTION TOWARDS FASTRACK WATCH IN NAMAKKAL DISTRICT** is a bonafide work carried out by **P.DIVYA, REG. No - 20UCM2704** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the Degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

GUIDE'S SIGNATURE

HOD'S SIGNATURE
Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637... Namakkal-Dt

Project work evaluation viva-voce examination conducted on 08.12.2022

By

INTERNALEXAMINER

EXTERNALEXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON CUSTOMER SATISFACTION TOWARDS FASTRACK WATCH IN NAMAKKAL DISTRICT** is a bonafide work carried out by **J.GEETHAPRIYA, REG. No - 20UCM2705** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the Degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

GUIDE'S SIGNATURE

HOD'S SIGNATURE
Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Project work evaluation viva-voce examination conducted on 02.12.2022

By

INTERNALEXAMINER

EXTERNALEXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON CUSTOMER SATISFACTION TOWARDS FASTRACK WATCH IN NAMAKKAL DISTRICT** is a bonafide work carried out by **V.GOMATHI, REG. No - 20UCM2706** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the Degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

09/12/22

GUIDE'S SIGNATURE

HOD'S SIGNATURE

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637 205, Namakkal-Dt

Project work evaluation viva-voce examination conducted on 02/12/2022

By

02/12/22

INTERNALEXAMINER

2/12/22

EXTERNALEXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON CUSTOMER SATISFACTION TOWARDS FASTRACK WATCH IN NAMAKKAL DISTRICT** is a bonafide work carried out by **S.GUNASRI, REG. No - 20UCM2707** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the Degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

29/11/22
GUIDE'S SIGNATURE

29/11/22
HOD'S SIGNATURE
Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637[illegible] Namakkal-Dt

Project work evaluation viva-voce examination conducted on 02.12.2022

By

02/12/22
INTERNALEXAMINER

5/12/22
EXTERNALEXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON CUSTOMER SATISFACTION TOWARDS APPLE IPHONE IN NAMAKKAL CITY** is a bonafide work carried out by **P.ISHWARYA , REG. NO - 20UCM2708** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

29/11/22

GUIDE'S SIGNATURE

29/11/2022

HOD'S SIGNATURE

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Project work evaluation viva-voce examination conducted on 2.12.2022

By

2/12/22

INTERNAL EXAMINER

2/12/22

EXTERNAL EXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON CUSTOMER SATISFACTION TOWARDS APPLE IPHONE IN NAMAKKAL CITY** is a bonafide work carried out by **V.JOTHIKA , REG. NO - 20UCM2709** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

29/11/22

GUIDE'S SIGNATURE

29/11/2022

HOD'S SIGNATURE
Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt.

Project work evaluation viva-voce examination conducted on 02.12.2022

By

29/12/22

INTERNAL EXAMINER

2/12/22

EXTERNAL EXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Scien e College (A)
Kalippatti- 637 501. T.Gode Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON CUSTOMER SATISFACTION TOWARDS APPPLE IPHONE IN NAMAKKAL CITY** is a bonafide work carried out by **S.KALAIVANI , REG. NO - 20UCM2710** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

29/11/22

GUIDE'S SIGNATURE

29/11/2022

HOD'S SIGNATURE

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Project work evaluation viva-voce examination conducted on 02 12 2022

By

2/12/22

INTERNAL EXAMINER

2/12/22

EXTERNAL EXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON CUSTOMER SATISFACTION TOWARDS APPLE IPHONE IN NAMAKKAL CITY** is a bonafide work carried out by **D.KARTHIKA , REG. NO - 20UCM2711** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

30/11/22

GUIDE'S SIGNATURE

30/11/2022

HOD'S SIGNATURE

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Project work evaluation viva-voce examination conducted on 2.12.2022

By

2/12/22

INTERNAL EXAMINER

2/12/22

EXTERNAL EXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON CUSTOMER SATISFACTION TOWARDS APPLE IPHONE IN NAMAKKAL CITY** is a bonafide work carried out by **V.KAVYA , REG. NO - 20UCM2712** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

29/11/22

GUIDE'S SIGNATURE

29/11/2022

HOD'S SIGNATURE

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Project work evaluation viva-voce examination conducted on 02.12.2022

By

02/12/22

INTERNAL EXAMINER

2/12/22

EXTERNAL EXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON CUSTOMER SATISFACTION TOWARDS APPLE IPHONE IN NAMAKKAL CITY** is a bonafide work carried out by **S.KOWSALYA , REG. NO - 20UCM2713** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

29/11/22

GUIDE'S SIGNATURE

29/11/2022

HOD'S SIGNATURE

Head,
Department of Commerce,
Sengunthar Arts and Scionce College,
Tiruchengode-637205. Namakkal-Dt

Project work evaluation viva-voce examination conducted on 02.12.2022

By

02/12/22

INTERNAL EXAMINER

EXTERNAL EXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON FINANCIAL PERFORMANCE ANALYSIS OF SESHASEYEE PAPER AND BOARD LIMITED** is a bonafide work carried out by **D.LEKHA, REG.NO - 20UCM2714** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the Degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

29/11/22

GUIDE'S SIGNATURE

29/11/2022

HOD'S SIGNATURE

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Project work evaluation viva-voce examination conducted on 02.12.2022

By

02/12/2022

INTERNALEXAMINER

2/12/22

EXTERNAL EXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON FINANCIAL PERFORMANCE ANALYSIS OF SESHASEYEE PAPER AND BOARD LIMITED** is a bonafide work carried out by **M.MAHA VIDHYA, REG. NO - 20UCM2715** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the Degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

29/11/22

GUIDE'S SIGNATURE

29/11/2022

HOD'S SIGNATURE

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Project work evaluation viva-voce examination conducted on 02.12.2022

By

02/12/2022

INTERNALEXAMINER

2/12/22

EXTERNAL EXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON FINANCIAL PERFORMANCE ANALYSIS OF SESHASEYEE PAPER AND BOARD LIMITED** is a bonafide work carried out by **S.MARIYAYEE, REG. NO - 20UCM2716** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the Degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

29/11/22

GUIDE'S SIGNATURE

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HOD'S SIGNATURE

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Project work evaluation viva-voce examination conducted on 02.12.2022

By

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INTERNALEXAMINER

2/12/22

EXTERNAL EXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

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SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON FINANCIAL PERFORMANCE ANALYSIS OF SESHASEYEE PAPER AND BOARD LIMITED** is a bonafide work carried out by **S.MONIKA, REG. NO - 20UCM2718** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the Degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

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GUIDE'S SIGNATURE

29/11/2022

HOD'S SIGNATURE

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Project work evaluation viva-voce examination conducted on 02-12-2022

By

02/12/2022

INTERNALEXAMINER

2/12/22

EXTERNAL EXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

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SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON FINANCIAL PERFORMANCE ANALYSIS OF SESHASEYEE PAPER AND BOARD LIMITED** is a bonafide work carried out by **P.MYNAVARSHINI, REG. NO - 20UCM2719** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the Degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

29/11/22

GUIDE'S SIGNATURE

29/11/2022

HOD'S SIGNATURE

Head,
Department of Commerce,
Sengunthar Arts and Science College
Tiruchengode-637205. Namakkal-Dt

Project work evaluation viva-voce examination conducted on 02.12.2022

By

02/12/2022

INTERNALEXAMINER

2/12/22

EXTERNAL EXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON FINANCIAL PERFORMANCE ANALYSIS OF SESHASEYEE PAPER AND BOARD LIMITED** is a bonafide work carried out by **M.NIVETHA, REG. NO - 20UCM2721** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the Degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

29/11/22

GUIDE'S SIGNATURE

29/11/2022

HOD'S SIGNATURE

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Project work evaluation viva-voce examination conducted on 2.12.2022

By

02/12/2022

INTERNALEXAMINER

2/12/22

EXTERNAL EXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is certify that the project report entitled, "**A STUDY ON FINANCIAL PERFORMANCE ANALYSIS OF PONNI SUGAR (ERODE) LIMTED**"submitted to the Periyar University in Partial fulfilment of the requirements for the award of the degree "BACHELOR OF COMMERCE" is a record of Bonafide Project work carried out by **PAVITHRA U (Reg.No: 20UCM2722)**during in the period of his study in the Department of Commerce, Sengunthar Arts and Science College, Tiruchengode, under my guidance and Supervision. No part of this Project work has been submitted for the award of any Degree, Diploma, Fellowship or Other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or Magazines.

Date : 29.11.2022

Place: TIRUCHENGODE

29/11/2022

Signature of the Head of the Department

29/11/22

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 02.12.2022

02/12/2022

Internal Examiner

2/12/22

External Examiner

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is certify that the project report entitled, "**A STUDY ON FINANCIAL PERFORMANCE ANALYSIS OF PONNI SUGAR (ERODE) LIMTED**"submitted to the Periyar University in Partial fulfilment of the requirements for the award of the degree "BACHELOR OF COMMERCE" is a record of Bonafide Project work carried out by **PRAVEENA B (Reg.No: 20UCM2723)**during in the period of his study in the Department of Commerce, Sengunthar Arts and Science College, Tiruchengode, under my guidance and Supervision. No part of this Project work has been submitted for the award of any Degree, Diploma, Fellowship or Other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or Magazines.

Date : 29.11.2022

Place: TIRUCHENGODE

29/11/2022

Signature of the Head of the Department

29/11/22

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 02.12.2022

02/12/2022

Internal Examiner

2/12/22

External Examiner

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is certify that the project report entitled, **"A STUDY ON FINANCIAL PERFORMANCE ANALYSIS OF PONNI SUGAR (ERODE) LIMTED"**submitted to the Periyar University in Partial fulfilment of the requirements for the award of the degree "BACHELOR OF COMMERCE" is a record of Bonafide Project work carried out by **RAMYADEVI D (Reg.No: 20UCM2727)**during in the period of his study in the Department of Commerce, Sengunthar Arts and Science College, Tiruchengode, under my guidance and Supervision. No part of this Project work has been submitted for the award of any Degree, Diploma, Fellowship or Other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or Magazines.

Date : 29.11.2022
Place: TIRUCHENGODE

29/11/2022
Signature of the Head of the Department

29/11/22
Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 02.12.2022

02/12/2022
Internal Examiner

2/12/22
External Examiner

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

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SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

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Date : 29.11.2022

Place: TIRUCHENGODE

29/11/2022

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt.

29/11/22

Signature of the Supervisor

Date of Viva-Voce Exam: 02.12.2022

02/12/2022

Internal Examiner

2/12/22

External Examiner

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

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Date : 29.11.2022

Place: TIRUCHENGODE

29/11/2022

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt.

29/11/22

Signature of the Supervisor

Date of Viva-Voce Exam: 02.12.2022

02/12/2022

Internal Examiner

2/12/22

External Examiner

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is certify that the project report entitled, **"A STUDY ON FINANCIAL PERFORMANCE ANALYSIS OF PONNI SUGAR (ERODE) LIMTED"** submitted to the Periyar University in Partial fulfilment of the requirements for the award of the degree "BACHELOR OF COMMERCE" is a record of Bonafide Project work carried out by **ROJA R (Reg.No: 20UCM2730)** during in the period of his study in the Department of Commerce, Sengunthar Arts and Science College, Tiruchengode, under my guidance and Supervision. No part of this Project work has been submitted for the award of any Degree, Diploma, Fellowship or Other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or Magazines.

Date : 29.11.2022

Place: TIRUCHENGODE

29/11/2022

Signature of the Head of the Department

29/11/22

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt.

Date of Viva-Voce Exam: 02.12.2022

02/12/22

Internal Examiner

2/12/22

External Examiner

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., **Ph.D.,**
Associate Professor & **Head,**
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501, T.Gode Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON CUSTOMER SATISFACTION OF HYUNDAI CARS WITH SPECIAL REFERENCE TO NAMAKKAL CITY** is a bonafide work carried out by **C.RUBESWARI , REG. NO - 20UCM2731** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

29/11/22

GUIDE'S SIGNATURE

29/11/22

HOD'S SIGNATURE

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt.

Project work evaluation viva-voce examination conducted on 02.12.2022

By

02/12/22

INTERNAL EXAMINER

2/12/22

EXTERNAL EXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON CUSTOMER SATISFACTION OF HYUNDAI CARS WITH SPECIAL REFERENCE TO NAMAKKAL CITY** is a bonafide work carried out by **V.RUDHRA PRIYA , REG. NO - 20UCM2732** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

29/11/22

GUIDE'S SIGNATURE

29/11/2022

HOD'S SIGNATURE

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Project work evaluation viva-voce examination conducted on 02-12-2022

By

02/12/2022

INTERNAL EXAMINER

2/12/22

EXTERNAL EXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

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PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON CUSTOMER SATISFACTION OF HYUNDAI CARS WITH SPECIAL REFERENCE TO NAMAKKAL CITY** is a bonafide work carried out by **M. SANDHIYA , REG. NO - 20UCM2734** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

29/11/22

GUIDE'S SIGNATURE

29/11/2022

HOD'S SIGNATURE

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

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By

02/12/2022

INTERNAL EXAMINER

EXTERNAL EXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON CUSTOMER SATISFACTION OF HYUNDAI CARS WITH SPECIAL REFERENCE TO NAMAKKAL CITY** is a bonafide work carried out by **G.SANGEETHA , REG. NO - 20UCM2735** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

29/11/2022
GUIDE'S SIGNATURE

29/11/2022
HOD'S SIGNATURE
Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt.

Project work evaluation viva-voce examination conducted on 02/12/2022

By

02/12/2022
INTERNAL EXAMINER

2/12/22
EXTERNAL EXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501, T.Gode-Tk, Namakkal-Dt.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CERTIFICATE

This is to certify that the project entitled, **A STUDY ON CUSTOMER SATISFACTION OF HYUNDAI CARS WITH SPECIAL REFERENCE TO NAMAKKAL CITY** is a bonafide work carried out by **R.SARANYA , REG. NO - 20UCM2737** under my supervision and guidance during the academic year 2022-2023 in partial fulfillment of the requirement for the award of the degree of **BACHELOR OF COMMERCE** and the work is an original one and has not formed basis for the award of any Degree, Diploma, Associate ship fellowship or any other similar title.

29/11/22

GUIDE'S SIGNATURE

29/11/2022

HOD'S SIGNATURE

Head,
Department of Commerce,
Sengunthar Arts and Science College
Tiruchengode-637205. Namakkal-Dt

Project work evaluation viva-voce examination conducted on 02.12.2022

By

02/12/22

INTERNAL EXAMINER

2/12/22

EXTERNAL EXAMINER

Dr.K.SELVARAJ M.Com., M.B.A., M.Phil., Ph.D.,
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PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

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TIRUCHENGODE - 637 205.

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29/11/22

GUIDE'S SIGNATURE

HOD'S SIGNATURE

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Project work evaluation viva-voce examination conducted on 2.12.2022

By

02/12/2022

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2/12/22

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Date : 29.11.2022

Place: TIRUCHENGODE

29/11/2022

Signature of the Head of the Department

29/11/22

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt.

Date of Viva-Voce Exam: 02.12.2022

02/12/2022

Internal Examiner

2/12/22

External Examiner

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Date : 29.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 02.12.2022

Internal Examiner

External Examiner

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Date : 29/11/2022

Place: TIRUCHENGODE

29/11/2022

Signature of the Head of the Department

29/11/22

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 02.12.2022

02/12/2022

Internal Examiner

27/12/22

External Examiner

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Date : 29.11.2022

Place: TIRUCHENGODE

29/11/2022

Signature of the Head of the Department

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 02.12.2022

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Internal Examiner

2/12/22

External Examiner

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Date : 29/11/2022

Place: TIRUCHENGODE

29/11/22

Signature of the Head of the Department

29/11/22

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 02/12/2022

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Internal Examiner

2/12/22

External Examiner

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Date : 29.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Signature of the Supervisor

Date of Viva-Voce Exam: 02.12.2022

Internal Examiner

External Examiner

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Associate Professor & Head,
PG & Research Department of Commerce,
Mahendra Arts & Science College (A)
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CERTIFICATE

This is certify that the project report entitled, "**A STUDY ON CUSTOMER SATISFACTION TOWARDS RELIANCE JIO WITH SPECIAL REFERENCE IN SALEM CITY**" submitted to the Periyar University in Partial fulfilment of the requirements for the award of the degree "BACHELOR OF COMMERCE" is a record of Bonafide Project work carried out by **SRIMATHI R M (Reg.No: 20UCM2747)** during in the period of his study in the Department of Commerce, Sengunthar Arts and Science College,Tiruchengode, under my guidance and Supervision. No part of this Project work has been submitted for the award of any Degree, Diploma, Fellowship or Other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or Magazines.

Date : 29.11.2022

Place: TIRUCHENGODE

29/11/2022

Signature of the Head of the Department

29/11/22

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 2.12.2022

02/12/2022

Internal Examiner

2/12/22

External Examiner

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Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

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Date : 29.11.2022

Place: TIRUCHENGODE

29/11/2022

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

29/11/22

Signature of the Supervisor

Date of Viva-Voce Exam: 02.12.2022

02/12/2022

Internal Examiner

2/12/22

External Examiner

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Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

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Date : 29.11.2022

Place: TIRUCHENGODE

29/11/2022

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

29/11/22

Signature of the Supervisor

Date of Viva-Voce Exam: 02/12/2022

02/12/2022

Internal Examiner

2/12/22

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Date : 29.11.2022

Place: TIRUCHENGODE

29/11/2022

Signature of the Head of the Department

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

29/11/2022

Signature of the Supervisor

Date of Viva-Voce Exam: 2.12.2022

02/12/2022

Internal Examiner

2/12/22

External Examiner

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Date : 29.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 02.12.2022.

Internal Examiner

External Examiner

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Kalippatti- 637 501. T.Gode-Tk, Namakkal-Dt.

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Date : 29.11.2022

Place: TIRUCHENGODE

29/11/22

Signature of the Head of the Department

29/11/22

Signature of the Supervisor

Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 02.12.2022

02/12/2022

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Kalippatti- 637 501. T.Gode-Tk. Namakkal-Dt.

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Date : 29.11.2022

Place: TIRUCHENGODE

Signature of the Head of the Department

Signature of the Supervisor

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Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Date of Viva-Voce Exam: 02.12.2022

Internal Examiner

External Examiner 2/12/22

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SENGUNTHAR ARTS AND SCIENCE COLLCOLLEGE

(Affiliated to Periyar University, Salem and Approved by AICTE, New Delhi)

An ISO 9001:2015 Certified Institution

Recognized under section 2(f) and 12(B) of the UGC Act 1956Accredited by NAAC

Since 1991

TIRUCHENGODE - 637 205, NAMAKKAL DT.,

DEPARTMENT OF

BIOTECHNOLOGY & BOTANY

INDUSTRIAL VISIT REPORT ON

AAVIN DAIRY

DATE : 29.03.2023

PLACE: SITHANUR,SALEM.

29/3/23

Requisition Letter

From

The Head,
Department of Biotechnology & Botany,
Sengunthar Arts and Science college,
Tiruchengode - 637205.

To

The Principal,
Sengunthar Arts and Science college,
Tiruchengode - 637205.

Respected Sir,

Sub: Requesting for Industrial Visit - Reg.,

We have planned to visit "Aavin Dairy, Salem, in the last week of March 2023, for One day. Hereby requesting you sir to permit our students to visit the Dairy Industrial visit.

Thanking You,

Date: 13.03.2023
Place: Tiruchengode

Yours Sincerely,
13/3/23

The Salem.Co-op. Milk Producers' Union Ltd.,
Sithanur, Thalavaipatti Post, Salem- 636 302 (TN)
Phone: 7373704802
E-Mail :aavinslm@gmail.com

Ref.No: 4860 /Dairy Visit /DGM[P]/2019 Date:14-03-2023

To
The Principal,
Sengunthar Arts and Science College,
Tiruchengode – 637205,
Namakkal – Dt
Phone : 04288-283545, 283575

Sir,

Sub: SDCMPU Ltd.,Salem–Visit of Salem Dairy-Permission - Granted.

Ref: No: 13320/M/M4/2016, dated, 21-03-2022 of General Manager, SDCMPU Ltd., Salem.

*****

Permission is granted to **80 Nos** of students and Staff of your College / School to visit our Dairy **29-03-2023** by 10.00 A.M. To 1.00 P.M.

Kindly arrange to depute sufficient number of your staff to take care of the students during the visit of the Plant. Both the staff and students may be advised to observe the Dairy operations without any disturbance to the routine works of the Dairy. Further the students should be advised not to mishandle any products or articles inside the Dairy. No photographs should be taken inside the Dairy. '

It is hereby informed that ₹ 135/- [Rupees one hundred and Thirty five only] per head must be paid (including Teaching Staff) at Marketing Section. For ₹ . 135 /- they will be given Lunch , one 50 Grm Khoa and one Milk Shake (200 ml).

Kindly advise the students to discard the wastes in the dustbins only.

for Salem Dist Co-op. Milk
Producers' Union Ltd.,

Encl.: Visitor Health Questionnaire Form.

Assistance General Manager (Dairying)

Copy to :
1.The A.G.M. (Dairying),FBD,Salem
2.The A.G.M. [Mkg], Salem.
3.The Security Officer.
4.Aavin Canteen in-charge.

(By giving the assurance, we prepared for lunch but in case if you failed to attend the IV, The food amount will be reimbursed by the concerned college)

Copy submitted to: The General Manager,
- for kind information please.

Certain information for Advance Booking

1) Aavin Parlour at Salem Dairy (**9488062377**)
Cone Ice Cream, Khoa, Mysorepa, Badam Mix Powder, Butter (500 Grm pack), Ghee (200 ml, 500 ml, 1Lit, 5 Lit)
Tetra Products: Chocolate Milk, Strawberry, Cardamom, Mavin, 1 Lit. STD Milk, 1 Lit Toned Milk, ½ Lit. Fino.

www.senguarts.co.in
info@senguarts.co.in

COLLEGE : 04288 - 283545, 283575.
FAX : 04288 - 284344

SENGUNTHAR ARTS AND SCIENCE COLLEGE

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TIRUCHENGODE - 637 205, NAMAKKAL DT, TAMILNADU.

Since 1991

Dr. S. RAVIKUMAR M.Sc., M.E., M.Phil., Ph.D.,
PRINCIPAL

Date: 13.03.2023

To

The Managing Director
Aavin Dairy
Salem

Sub : Seeking Permission to visit your Industry – Regarding.

The students from the Department of Biotechnology & Botany of our college are eager to visit your Dairy Industry to gain first hand knowledge of its working. Approximately 80 students who are accompanied by 4 staff members will get benefited through the visit. I kindly request you to permit us to visit your industry and please let us know the day and time when we are permitted to visit. It would be more convenient for us if you permit us any one of the following days: 28, 29, 30.03.2023. Kindly do the needful.

Thanking you,

Yours faithfully,

13/3/2023

PRINCIPAL

www.senguarts.co.in
info@senguarts.co.in

COLLEGE : 04288 - 283545, 283575.
FAX : 04288 - 284344

SENGUNTHAR ARTS AND SCIENCE COLLEGE

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TIRUCHENGODE - 637 205, NAMAKKAL DT, TAMILNADU.

Since 1991

Dr. S. RAVIKUMAR M.Sc., M.E., M.Phil., Ph.D.,
PRINCIPAL

Date: 29.03.2023

TO WHOMSOEVER IT MAY CONCERN

The following students of our Instution on 29.03.2023 INUDUSTRIAL VISIT to Salem (Aavin) they are accompanied by our staff members Ms.R.Rajarajeswari, Mrs. K. Vishnukumari, Dr.D. Mahendran, Dr. S.Sudhakar.

DEPARTMENT OF BIOTECHNOLOGY & BOTANY
STUDENTS NAME LIST

S.No.	ROLL No.	NAME OF THE STUDENT	CLASS
1	22UBT1201	ARJUN A	I B.Sc., BIOTECHNOLOGY
2	22UBT1203	BASKAR V	I B.Sc., BIOTECHNOLOGY
3	22UBT1207	KASIPRASATH P.P	I B.Sc., BIOTECHNOLOGY
4	22UBT1211	NITHISHKUMAR M	I B.Sc., BIOTECHNOLOGY
5	22UBT1212	RAGUNATH V	I B.Sc., BIOTECHNOLOGY
6	22UBT1213	SELLAM SANJEEVAN.A	I B.Sc., BIOTECHNOLOGY
7	22UBT1215	SRIKANTH.D	I B.Sc., BIOTECHNOLOGY
8	22UBT1217	TAMILSELVAN.S	I B.Sc., BIOTECHNOLOGY
9	22UBT1219	VINOTHKUMAR.M	I B.Sc., BIOTECHNOLOGY
10	22UBT1225	KOWSALYA.T	I B.Sc., BIOTECHNOLOGY
11	22UBT1229	MEGA .K	I B.Sc., BIOTECHNOLOGY
12	22UBT1231	NISA .V	I B.Sc., BIOTECHNOLOGY
13	22UBT1232	ROOBINI.P	I B.Sc., BIOTECHNOLOGY
14	22UBT1234	SATHYA.R	I B.Sc., BIOTECHNOLOGY
15	22UBT1235	SHALINI .V	I B.Sc., BIOTECHNOLOGY
16	22UBT1237	THIVIJA.R	I B.Sc., BIOTECHNOLOGY

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Since 1991

Dr. S. RAVIKUMAR M.Sc., M.E., M.Phil., Ph.D.,
PRINCIPAL

Date:

17	22UBT1238	VINOTHINI.J	I B.Sc., BIOTECHNOLOGY
18	20B1214	CHITRA.R	III B.Sc., BIOTECHNOLOGY
19	20B1215	GOMATHI.S	III B.Sc., BIOTECHNOLOGY
20	20B1216	HEMALATHA.V	III B.Sc., BIOTECHNOLOGY
21	20B1217	KALAIVANI.P	III B.Sc., BIOTECHNOLOGY
22	20B1218	KIRUTHIKA.S	III B.Sc., BIOTECHNOLOGY
23	20B1219	LAVANYA.B	III B.Sc., BIOTECHNOLOGY
24	20B1220	MOHANAPRIYA.M	III B.Sc., BIOTECHNOLOGY
25	20B1221	MOUSIYA.V	III B.Sc., BIOTECHNOLOGY
26	20B1222	PAVITHRA.S	III B.Sc., BIOTECHNOLOGY
27	20B1223	PRANISHA.S	III B.Sc., BIOTECHNOLOGY
28	20B1224	PREETHA.R	III B.Sc., BIOTECHNOLOGY
29	20B1225	PREMA.M	III B.Sc., BIOTECHNOLOGY
30	20B1226	PRIYADHARSHINI.A	III B.Sc., BIOTECHNOLOGY
31	20B1201	ANAND.V	III B.Sc., BIOTECHNOLOGY
32	20B1202	BOOBALAN.R	III B.Sc., BIOTECHNOLOGY
33	20B1203	KAVINKMAR.S	III B.Sc., BIOTECHNOLOGY
34	20B1207	PRAKASH.S	III B.Sc., BIOTECHNOLOGY
35	20B1208	SAIVENU.C	III B.Sc., BIOTECHNOLOGY
36	20B1211	SINGARAVELL.M	III B.Sc., BIOTECHNOLOGY

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Since 1991

Dr. S. RAVIKUMAR M.Sc., M.E., M.Phil., Ph.D.,
PRINCIPAL

Date:

37	20B1228	SUGITHKUMAR	III B.Sc., BIOTECHNOLOGY
38	20B1212	TAMILARASAN.S	III B.Sc., BIOTECHNOLOGY
39	20B1213	VINOTHKUMAR.M	III B.Sc., BIOTECHNOLOGY
40	20B1227	RITHESH	III B.Sc., BIOTECHNOLOGY
41	21B1202	GOPINATH.A	II B.Sc., BIOTECHNOLOGY
42	21B1203	KIRUBAKARAN.L	II B.Sc., BIOTECHNOLOGY
43	21B1204	MEIYARASU.P	II B.Sc., BIOTECHNOLOGY
44	21B1206	PRAVIN KUMAR.S	II B.Sc., BIOTECHNOLOGY
45	21B1207	BRINDHA.K	II B.Sc., BIOTECHNOLOGY
46	22PBT1301	P.ASHOK	I M.Sc., BIOTECHNOLOGY
47	22PBT1302	M.DINESHKUMAR	I M.Sc., BIOTECHNOLOGY
48	22PBT1303	S.PRAKASH	I M.Sc., BIOTECHNOLOGY
49	22PBT1304	SOUNDARRAJAN.C.M	I M.Sc., BIOTECHNOLOGY
50	22PBT1307	MAIVIZHI.R	I M.Sc., BIOTECHNOLOGY
51	22PBT1309	VAISHALI.K	I M.Sc., BIOTECHNOLOGY
52	20B3001	B.NETHRA	III B.Sc., BOTANY
53	20B3004	S.SHARMILA	III B.Sc., BOTANY

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TIRUCHENGODE - 637 205.

REPORT ON INDUSTRIAL VISIT

Department of Biotechnology and Botany Organised Industrial Visit on a date of 29th March 2023 for 53 students with 4 faculties at AAVIN, The Salem Co-op, Milk Producers Union Ltd., Sithanur. The Dairy Development Department was established in Tamil Nadu in the year 1958 to oversee and regulate milk production and commercial distribution in the state. Aavin is a State Government Cooperative under the ownership of Tamil Nadu Cooperative Milk Producers Federation Limited, Ministry of Cooperation, Government of Tamil Nadu and the trademark of Tamil Nadu Co-operative Milk Producers Federation Limited. Aavin procures milk, processes it and sells milk and milk products to consumers. The company produces a wide range of products, including milk, butter, yogurt, ice cream, ghee, milk shake, tea, coffee, and chocolate, among other goods.

It was a great opportunity for the students to visit one of the most renowned Dairy Industries in Tamilnadu and acquire knowledge about the production line. During the visit, students visited and saw the making of various processes like Milk, Paneer and Butter preparation, etc. They showed a power point presentation about their operations worldwide

We arrived at Aavin, The Salem Co-op, Milk Producers Union Ltd., Sithanur at 10:00 AM. After that we gathered at the front gate and visited various sections of Aavin, The Salem Co-op, Milk Producers Union Ltd. The instruction was given by technical person to the students. After that the students visited 4 different sections Aavin Dairy Plant: 1) Butter plant, where the students were informed of butter production in Aavin Milk. 2) Milk powder plant, where the students visited manufacturing as well as packing and dispatching functions of Aavin Milk 3) Refrigeration Unit, where student were getting a knowledge about refrigeration system. 4) Milk process unit, where the students were informed of pasteurized milk production Process

It was a wonderful and interactive visit, where the students understood the production processes, products and operations of one of the best examples of co- operative achievement in a developing economy. The visit was very useful to students.

3/4/23

3/4/23

HOD

INDUSTRIAL VISIT



AAVIN DAIRY VISIT ON 29.03.2023



MILK POWDER PLANT

சென்தூர்தன் கலை, அறிவியல் கல்லூரி, திருச்செங்கோடு

தொலை பேசி :04288-283575, 283545

கல்வி சுற்றுலா ஒப்புதல் படிவம்

எஸ்.ரவிக்குமார், M.Sc., M.E., M.Phil., Ph.D
முதல்வர்

நாள்:

அன்புடையீர்,

வணக்கம். தங்கள் மகன்/மகள் ✓ S. PAVITHRA

எம்பவர் III - B.Sc, Biotechnology பட்ட வகுப்பில் எங்கள் கல்லூரியில் பயின்று வருகின்றார். இவர் இக்கல்வியாண்டில் கல்லூரிக் கல்விச் சுற்றுலா AAvin dairy, Salem

ஆகிய இடங்களுக்கு சென்று வர விருப்பம் தெரிவித்துள்ளார். நாங்களே நங்களின் முழுச் சம்மதத்துடன் சொந்தப் பொறுப்பில் தங்கள் மகனை/மகளை அனுப்பி வைக்க வேண்டிக் கொள்கிறோம்.

இடம் : Vanichampatti

நேதி : 28.03.2023

முதல்வர்

ஐயா,

மேற்கண்ட வாசகங்களைப் படித்துணர்ந்தேன். அதன்படி எனது மகன்/மகள் ✓ S. PAVITHRA

என்பவரை சுற்றுலாவில் எனது சொந்த பொறுப்பில் நான் அனுப்புகிறேன்.

இடம் : Vanichampatti

தேதி : 28.03.2023

பெற்றோர் கையொப்பம்

மாணவர் கையொப்பம்

FEEDBACK FORM

NAME : A. ARJUN
I. B.SC. BIOTECHNOLOGY.

DATE : 29.03.2023

PLACE : SALEM
AAVIN DIARY
[INDUSTRIAL VISIT]

FEED BACK :-

This industary visit is very useful. That atmansphare woas very good. I sane milk product Techique. and many diary produces making production It very useful to my feuture.

Thanking you


INSTITUTIONAL VISIT





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Since 1991

ISO 9001 REGISTERED

DEPARTMENT OF COMPUTER SCIENCE

STUDENTS ACHIEVMENTS AND ACTIVITIES

B.Sc(Computer Science) - Academic Year(2020-2023)

S.No	Roll.No	Name of the Student	Event
1.	20BA501	K.S.Abishek	Naan muthalvan-cloud computing-microsoftsap, One day seminar on Expertise in Computer Hardware Technologies, Workshop on Trouble shooting of mobile phones, Oneday webinar on Overview of IT.
2.	20BA512	M.Sasikumar	Naan muthalvan-cloud computing-microsoftsap.
3.	20BA514	S.Surya	Naan muthalvan-cloud computing-microsoftsap, Oneday seminar on Expertise in Computer Hardware Technologies, Workshop on Trouble shooting of mobile phones, Oneday webinar on Overview of IT.
4.	20BA516	T.Tamilselvan	Naan muthalvan-cloud computing-microsoftsap, One day seminar on Expertise in Computer Hardware Technologies, Oneday webinar on Overview of IT.
5.	20BA520	A.Vishva	Naan muthalvan-cloud computing-microsoftsap, One day seminar on Expertise in Computer Hardware Technologies,NSS.
6.	20BA521	M.Aarthi	Naan muthalvan-cloud computing-microsoftsap, One day seminar on Expertise in Computer Hardware Technologies.
7.	20BA522	M.Abinayasri	Naan muthalvan-cloud computing-microsoftsap, One day seminar on Expertise in Computer Hardware Technologies, Workshop on Trouble shooting of mobile phones.
8.	20BB505	V.Atchaya	Naan muthalvan-cloud computing-microsoftsap
9.	20BA524	K.Dhivya	Naan muthalvan-cloud computing-microsoftsap, NCC
10.	20BB506	S.Gowsalya	Naan muthalvan-cloud computing-microsoftsap
11.	20BA528	B.Haridharshini	Naan muthalvan-cloud computing-microsoftsap
12.	20BA529	S.Hemalatha	Naan muthalvan-cloud computing-microsoftsap, Workshop on Trouble shooting of mobile phones.
13.	20BA530	T.Lakshumayee	Naan muthalvan-cloud computing-microsoftsap
14.	20BA531	K.Manimalar	Naan muthalvan-cloud computing-microsoftsap

15.	20BA534	P.Nandhini	Naan muthalvan-cloud computing-microsoftsap, Workshop on Trouble shooting of mobile phones.
16.	20BA535	K.Preethika	Naan muthalvan-cloud computing-microsoftsap
17.	20BB507	M.Priyadharshini	Naan muthalvan-cloud computing-microsoftsap
18.	20BA536	T.Ramayee	Naan muthalvan-cloud computing-microsoftsap
19.	20BA537	V.Sabitha	Naan muthalvan-cloud computing-microsoftsap
20.	20BA538	J.Sakthivaishnavi	Naan muthalvan-cloud computing-microsoftsap
21.	20BA539	R.Saranya	Naan muthalvan-cloud computing-microsoftsap
22.	20BB508	M.Vidhyasree	Naan muthalvan-cloud computing-microsoftsap, Oneday webinar on Overview of IT. Workshop on Trouble shooting of mobile phones.

H.O.D.

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TechSaksham

Date of Issue: 25/07/2023

GOVERNMENT OF TAMIL NADU
TAMIL NADU SKILL DEVELOPMENT CORPORATION
NAAN MUDHALVAN SCHEME

TSPNM23_62787

CERTIFICATE OF ACHIEVEMENT

This certificate has been awarded to

Abishek K S

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by
Edunet Foundation.

Director Philanthropies Microsoft India	Chief Customer Officer SAP India	Executive Director Edunet Foundation	Managing Director TNSDC

CONNECT INFOSYSTEMS

4, MMDA Colony, Madhuravoyal, Chennai-95. care@connectinfosystems.in, www.connectinfosystems.in

THIS CERTIFIES THAT

K.S.ABISHEK,

III -B Sc -CS -STUDING IN

Sengunthar Arts and Science College

Salem Road, Tiruchengode, Namakkal Dist,
Tamil Nadu 637205.

has successfully completed the seminar

"Expertise in Computer Hardware Technologies",

and took hands on training on

"Computer Service / Repair & Maintenance Services"

and is therefore awarded this

CERTIFICATE

Date
16-09-2022

Master COMP
Computer
Hardware Technologies

Signature
Sr. Manager - Education

Sengunthar Arts and Science College

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TIRUCHENGODE - 637 205

New Technology Mobile Service & Training Institute

Coimbatore - 641 005.

Certificate

This is to certify that Mr/Ms. K. S. Abishek II B.Sc. C.S. of our College has undergone Two days workshop on "Trouble Shooting of Smart Phone" from 04.01.2022 to 05.01.2022 organized by the Department of Electronics and Communication & Physics in association with New Technology Mobile Service and Training Institute, Coimbatore - 05.

Mr.B. Krishna Kumar
Managing Director
New Technology

Mr.A. Kumaresan
Co-ordinator

Dr.S. Ravikumar
Principal

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Namakkal – 637 003. www.selvamarts.edu.in

CERTIFICATE
of Participation

Department of Computer Science

This is to certify that K.S.Abishek of Seguthar arts and science college has participated in the One Day International Webinar on **"Overview of IT and career opportunities"** organized by Department of Computer Science, Selvamm Arts and Science College, Namakkal on September 8, 2021.

Mrs. K.K.Kavitha	Dr. N.RAJAVEL	Dr. P.SELVARAJ
Organising Secretary	Principal	Chairman

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Date of Issue: 25/07/2023

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TAMIL NADU SKILL DEVELOPMENT CORPORATION
NAAN MUDHALVAN SCHEME

CERTIFICATE OF ACHIEVEMENT

TSPNM23_62641

This certificate has been awarded to

Sasikumar M

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by
Edunet Foundation.

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Date of Issue: 25/07/2023

GOVERNMENT OF TAMIL NADU
TAMIL NADU SKILL DEVELOPMENT CORPORATION
NAAN MUDHALVAN SCHEME

CERTIFICATE OF ACHIEVEMENT

TSPNM23_62792

This certificate has been awarded to

Surya S

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by
Edunet Foundation.

Director Philanthropies
Microsoft India

Chief Customer Officer
SAP India

Executive Director
Edunet Foundation

Managing Director
TNSDC

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4, MMDA Colony, Madhuravoyal, Chennai-95. care@connectinfosystems.in, www.connectinfosystems.in

THIS CERTIFIES THAT

S.SURYA,

III -B Sc -CS -STUDING IN

Sengunthar Arts and Science College

Salem Road, Tiruchengode, Namakkal Dist,
Tamil Nadu 637205.

has successfully completed the seminar

"Expertise in Computer Hardware Technologies",

and took hands on training on

"Computer Service / Repair & Maintenance Services"

and is therefore awarded this

CERTIFICATE

Master COMP
Computer
Hardware Technologies

Date
16-09-2022

Signature
Sr. Manager - Education

Sengunthar Arts and Science College

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TIRUCHENGODE - 637 205.

New Technology Mobile Service & Training Institute

Coimbatore - 641 005.

Certificate

This is to certify that Mr/Ms. S. SURYA II B.Sc. C.S. *of our College has undergone Two days workshop on "Trouble Shooting of Smart Phone" from 04.01.2022 to 05.01.2022 organized by the Department of Electronics and Communication & Physics in association with New Technology Mobile Service and Training Institute, Coimbatore - 05.*

Mr.B. Krishna Kumar	Mr.A. Kumaresan	Dr.S. Ravikumar
Managing Director New Technology	Co-ordinator	Principal



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Namakkal – 637 003. www.selvamarts.edu.in

CERTIFICATE
of Participation

Department of Computer Science

This is to certify that S.surya of Seguthar arts and science college has participated in the One Day International Webinar on **"Overview of IT and career opportunities"** organized by Department of Computer Science, Selvamm Arts and Science College, Namakkal on September 8, 2021.

Mrs. K.K.Kavitha	**Dr. N.RAJAVEL**	**Dr. P.SELVARAJ**
Organising Secretary	**Principal**	**Chairman**

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Date of Issue: 25/07/2023

GOVERNMENT OF TAMIL NADU
TAMIL NADU SKILL DEVELOPMENT CORPORATION
NAAN MUDHALVAN SCHEME

TSPNM23_62831

CERTIFICATE OF ACHIEVEMENT

This certificate has been awarded to

Tamilselvan T

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by
Edunet Foundation.

Director Philanthropies Microsoft India	Chief Customer Officer SAP India	Executive Director Edunet Foundation	Managing Director TNSDC

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THIS CERTIFIES THAT

T.TAMILSELVEN,

III -B Sc.-CS -STUDING IN

Sengunthar Arts and Science College

Salem Road, Tiruchengode, Namakkal Dist.
Tamil Nadu 637205.

has successfully completed the seminar

"Expertise in Computer Hardware Technologies",

and took hands on training on

"Computer Service / Repair & Maintenance Services"

and is therefore awarded this

CERTIFICATE

Master COMP
Computer
Hardware Technologies

Date
16-09-2022

Signature
Sr. Manager - Education

SELVAMM
ARTS & SCIENCE COLLEGE

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Namakkal – 637 003. www.selvamarts.edu.in

CERTIFICATE
of Participation

Department of Computer Science

This is to certify that Tamilselvan of Sengunthar arts and science college has participated in the One Day International Webinar on **"Overview of IT and career opportunities"** organized by Department of Computer Science, Selvamm Arts and Science College, Namakkal on September 8, 2021.

Mrs. K.K.Kavitha **Organising Secretary**	**Dr. N.RAJAVEL** **Principal**	**Dr. P.SELVARAJ** **Chairman**

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Date of Issue: 25/07/2023

GOVERNMENT OF TAMIL NADU
TAMIL NADU SKILL DEVELOPMENT CORPORATION
NAAN MUDHALVAN SCHEME

TSPNM23_62790

CERTIFICATE OF ACHIEVEMENT

This certificate has been awarded to

Vishva A

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by
Edunet Foundation.

Director Philanthropies Microsoft India	Chief Customer Officer SAP India	Executive Director Edunet Foundation	Managing Director TNSDC

CONNECT INFOSYSTEMS

4, MMDA Colony, Madhuravoyal, Chennai-95. care@connectinfosystems.in, www.connectinfosystems.in

THIS CERTIFIES THAT

A.VISHVA,

III -B Sc.-CS -STUDING IN

Sengunthar Arts and Science College

Salem Road, Tiruchengode, Namakkal Dist,
Tamil Nadu 637205.

has successfully completed the seminar

"Expertise in Computer Hardware Technologies",

and took hands on training on

"Computer Service / Repair & Maintenance Services"

and is therefore awarded this

CERTIFICATE

Master COMP
Computer
Hardware Technologies

Date
16-09-2022

Signature
Sr. Manager - Education

भारत सरकार

Government of India

युवा कार्यक्रम एवं खेल मंत्रालय

Ministry of Youth Affairs & Sports

राष्ट्रीय सेवा योजना

National Service Scheme

Book No. 52

SL.No. 2552

This is to Certify that

Mr/Ms A. VISHVA *Student of*

Class B.Sc (COMPUTER SCIENCE) *of* SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE *affiliated to Periyar University has rendered Social Service*

from 2020 *to* 2022 *as NSS Volunteer and attended NSS Special Camp*

from 21.03.2022 *to* 27.03.2022

Date 15-09-2022 *Head of Institution* *Programme Coordinator, NSS* *Regional Director, NSS* *Vice Chancellor*

Microsoft

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Date of Issue: 25/07/2023

GOVERNMENT OF TAMIL NADU
TAMIL NADU SKILL DEVELOPMENT CORPORATION
NAAN MUDHALVAN SCHEME

TSPNM23_62826

CERTIFICATE OF ACHIEVEMENT

This certificate has been awarded to

Aarthi M

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by
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Microsoft India

Chief Customer Officer
SAP India

Executive Director
Edunet Foundation

Managing Director
TNSDC

CONNECT INFOSYSTEMS

4, MMDA Colony, Madhuravoyal, Chennai-95. care@connectinfosystems.in, www.connectinfosystems.in

THIS CERTIFIES THAT

M.AARTHI,

III -B Sc -CS -STUDING IN

Sengunthar Arts and Science College

Salem Road, Tiruchengode, Namakkal Dist.
Tamil Nadu 637205.

has successfully completed the seminar

"Expertise in Computer Hardware Technologies",

and took hands on training on

"Computer Service / Repair & Maintenance Services"

and is therefore awarded this

CERTIFICATE

Master COMP
Computer
Hardware Technologies

Date
16-09-2022

Signature
Sr. Manager - Education

Microsoft

edunet foundation

SAP

TechSaksham

Date of Issue: 25/07/2023

GOVERNMENT OF TAMIL NADU
TAMIL NADU SKILL DEVELOPMENT CORPORATION
NAAN MUDHALVAN SCHEME

CERTIFICATE OF ACHIEVEMENT

TSPNM23_62825

This certificate has been awarded to

Abinayasri M

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by
Edunet Foundation.

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Managing Director
TNSDC

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4, MMDA Colony, Madhuravoyal, Chennai-95. care@connectinfosystems.in, www.connectinfosystems.in

THIS CERTIFIES THAT

M.ABINAYASRI,

III -B Sc -CS -STUDING IN

Sengunthar Arts and Science College

Salem Road, Tiruchengode, Namakkal Dist,
Tamil Nadu 637205.

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"Expertise in Computer Hardware Technologies",

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TIRUCHENGODE - 637 205.

New Technology Mobile Service & Training Institute

Coimbatore - 641 005.

Certificate

This is to certify that Mr/Ms. M. ABINAYASRI II B.Sc. C.S. *of our College has undergone Two days workshop on "Trouble Shooting of Smart Phone" from 04.01.2022 to 05.01.2022 organized by the Department of Electronics and Communication & Physics in association with New Technology Mobile Service and Training Institute, Coimbatore - 05.*

Mr.B. Krishna Kumar	Mr.A. Kumaresan	Dr.S. Ravikumar
Managing Director New Technology	Co-ordinator	Principal

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Department of Commerce(CA) & Commerce

ISO 9001 REGISTERED

75th INDEPENDENCE DAY CELEBRATION

Certificate of Appreciation

This is to certify that Mr./Ms./Dr. ABINAYASRI.M

..... has successfully completed the *Online Quiz*

conducted by the Department of Commerce CA & Commerce, Sengunthar Arts and Science College, Tiruchengode on 13.08.2022.

Mr.S.SEKAR	Mr.R.U.VIGNESH	Dr. S.RAVIKUMAR	Prof.A.BALADHANDAPANI
CONVENER	CO-CONVENER	PRINCIPAL	SECRETARY&CORRESPONDENT

E-Certificate - Signature not Required

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Managing Director New Technology	Co-ordinator	Principal

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Since 1991

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CERTIFICATE OF MERIT

Azadi Ka Amrit Mahotsav

This is to certify that ~~Mr.~~ / Miss. M. Abinayasri of

III - B.Sc [computer science] has won First / Second / Third / Consolation Prize

in the Essay writing Competition on the Occasion of

75th Independence day held on 10.08.2022

M. Kumaraja 12/8/22
Head of the Department

Principal

Correspondent

SENGUNTHAR ARTS AND SCIENCE COLLEGE

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Azadi Ka Amrit Mahotsav

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Azadi Ka Amrit Mahotsav

This is to certify that Mr. / Miss. M. ABINAYASRI of

III B.Sc., COMPUTER SCIENCE has won ~~First~~ / ~~Second~~ / Third / ~~Consolation~~ Prize

in the INDEPENDENCE DAY THEME PARTY Competition on the Occasion of

75TH INDEPENDENCE DAY CELEBRATION held on 11.08.2022

Co-ordinator

Head of the Department

Principal

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Co-ordinator

Head of the Department

Principal

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Date of Issue: 25/07/2023

GOVERNMENT OF TAMIL NADU
TAMIL NADU SKILL DEVELOPMENT CORPORATION
NAAN MUDHALVAN SCHEME

CERTIFICATE OF ACHIEVEMENT

TSPNM23_62800

This certificate has been awarded to

Atchaya V

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by
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Date of Issue: 25/07/2023

GOVERNMENT OF TAMIL NADU
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NAAN MUDHALVAN SCHEME

CERTIFICATE OF ACHIEVEMENT

TSPNM23_62822

This certificate has been awarded to

Dhivya K

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by
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Microsoft India

Chief Customer Officer
SAP India

Executive Director
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DGNCC/TNP&AN/C/2023/30463





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NATIONAL CADET CORPS

प्रमाण पत्र 'सी'
CERTIFICATE 'C'

सं. / No. TN20SWA833609

रैंक / Rank CDT

नाम / Name DHIVYA K

सुपुत्र / सुपुत्री / Son/Daughter of R KULANTHAIVEL

यूनिट / Unit 12 (TN) BN NCC

जन्म तिथि / Date of Birth 31 Mar 2003

राष्ट्रीय कैडेट कोर निदेशालय / NCC Directorate TAMILNADU, PUDUCHERRY & ANDAMAN NICOBAR

प्रमाणित किया जाता है कि ऊपरलिखित कैडेट ने रक्षा मंत्रालय, भारत सरकार के प्राधिकार के अधीन सन् 20 23 में हुई प्रमाणपत्र 'सी' परीक्षा B श्रेणी में पास कर ली है

This is to certify that the above mentioned Cadet has passed the Certificate 'C' Examination in B Grade held in 20 23 under the authority of Ministry of Defence, Government of India.

क्र. सं. / Ser. No. 001233

स्थान / Place

दिनांक / Date 04 JUL 2023

अतुल कुमार कस्तोगी / ATUL KUMAR KASTOGI
कमोडोर / Commodore
उप महा निदेशक / Dy Director General
अपर महानिदेशक, राष्ट्रीय कैडेट कोर
Addl Director General, National Cadet Corps
उप-महानिदेशक, राष्ट्रीय कैडेट कोर
Dy Director General, National Cadet Corps

NCC DIRECTORATE (TN, P & AN)
Training Branch

Microsoft edunet foundation SAP

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GOVERNMENT OF TAMIL NADU
TAMIL NADU SKILL DEVELOPMENT CORPORATION
NAAN MUDHALVAN SCHEME

CERTIFICATE OF ACHIEVEMENT

This certificate has been awarded to

Gowsalya S

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by Edunet Foundation.

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CERTIFICATE OF ACHIEVEMENT

TSPNM23_62824

This certificate has been awarded to

Haridharshini B

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by
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TSPNM23_62838

CERTIFICATE OF ACHIEVEMENT

This certificate has been awarded to

Hemalatha S

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by
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New Technology Mobile Service & Training Institute

Coimbatore - 641 005.

Certificate

This is to certify that Mr/Ms. S. HEMALATHA II B.Sc. C.S of our College has undergone Two days workshop on "Trouble Shooting of Smart Phone" from 04.01.2022 to 05.01.2022 organized by the Department of Electronics and Communication & Physics in association with New Technology Mobile Service and Training Institute, Coimbatore - 05.

Mr.B. Krishna Kumar
Managing Director
New Technology

Mr.A. Kumaresan
Co-ordinator

Dr.S. Ravikumar
Principal

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Date of Issue: 25/07/2023

GOVERNMENT OF TAMIL NADU
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CERTIFICATE OF ACHIEVEMENT

TSPNM23_62823

This certificate has been awarded to

Lakshumayee T

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by
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Date of Issue: 25/07/2023

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TAMIL NADU SKILL DEVELOPMENT CORPORATION
NAAN MUDHALVAN SCHEME

TSPNM23_62801

CERTIFICATE OF ACHIEVEMENT

This certificate has been awarded to

Manimalar K

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by
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CERTIFICATE OF ACHIEVEMENT

TSPNM23_62797

This certificate has been awarded to

Nandhini P

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by
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New Technology Mobile Service & Training Institute

Coimbatore - 641 005.

Certificate

This is to certify that Mr/Ms. P. NANDHINI II B.Sc. C.S. *of our College has undergone Two days workshop on "Trouble Shooting of Smart Phone" from 04.01.2022 to 05.01.2022 organized by the Department of Electronics and Communication & Physics in association with New Technology Mobile Service and Training Institute, Coimbatore - 05.*

Mr.B. Krishna Kumar	Mr.A. Kumaresan	Dr.S. Ravikumar
Managing Director New Technology	Co-ordinator	Principal

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Date of Issue: 25/07/2023

GOVERNMENT OF TAMIL NADU
TAMIL NADU SKILL DEVELOPMENT CORPORATION
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CERTIFICATE OF ACHIEVEMENT

TSPNM23_62806

This certificate has been awarded to

Preethika K

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by
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Date of Issue: 25/07/2023

GOVERNMENT OF TAMIL NADU
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CERTIFICATE OF ACHIEVEMENT

TSPNM23_62810

This certificate has been awarded to

Priyadharshini M

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by
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TSPNM23_62802

CERTIFICATE OF ACHIEVEMENT

This certificate has been awarded to

Ramayee T

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by
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NAAN MUDHALVAN SCHEME

TSPNM23_62799

CERTIFICATE OF ACHIEVEMENT

This certificate has been awarded to

Sabitha V

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by
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TSPNM23_62805

CERTIFICATE OF ACHIEVEMENT

This certificate has been awarded to

Sakthi Vaishnavi J

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by Edunet Foundation.

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GOVERNMENT OF TAMIL NADU
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CERTIFICATE OF ACHIEVEMENT

TSPNM23_62796

This certificate has been awarded to

Saranya R

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by
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GOVERNMENT OF TAMIL NADU
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CERTIFICATE OF ACHIEVEMENT

TSPNM23_62809

This certificate has been awarded to

Vidhyasree M

from Sengunthar Arts & Science College, Tiruchengode for successful completion of certification course in Cloud Computing sponsored by Microsoft and SAP, supported by Naan Mudhalvan Program, TamilNadu Skill Development Corporation and implemented by
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SAP India

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SELVAMM
ARTS & SCIENCE COLLEGE

Autonomous, 'A' Grade by NAAC, 2(f) & 12(B) by UGC
Namakkal – 637 003. www.selvamarts.edu.in

CERTIFICATE
of Participation

Department of Computer Science

This is to certify that **Vidhyasree** of **Sengunthar arts and science College**

has participated in the One Day International Webinar on **"Overview of IT and career opportunities"** organized by Department of Computer Science, Selvamm Arts and Science College, Namakkal on September 8, 2021.

Mrs. K.K.Kavitha	Dr. N.RAJAVEL	Dr. P.SELVARAJ
Organising Secretary	Principal	Chairman

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Managing Director New Technology	Co-ordinator	Principal

Since 1991

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Tiruchengode – 637 205, Namakkal dt., Tamilnadu

STUDENTS PARTICIPATION IN SEMINARS / WORKSHOPS / CONFERENCES

Department of .....BBA.....

Academic Year : ...2022-2023..... Semester: Even

S. No.	Name of the Student	Class	Organizer & Sponsor	Title of Seminar / Workshop / Conference	Date	Remarks
1	ARAVINTH N	IIBBA	PERIYAR UNIVERSITY&MICROSOFT	DIGITAL TRAINING ON MICROSOFT WORD NAAN MUDHALVAN	11.04.2023	SKILL BASED
2	ARUNRAJ N	IIBBA	PERIYAR UNIVERSITY&MICROSOFT	DIGITAL TRAINING ON MICROSOFT WORD NAAN MUDHALVAN	11.04.2023	SKILL BASED
3	DEEPANRAJ S	IIBBA	PERIYAR UNIVERSITY&MICROSOFT	DIGITAL TRAINING ON MICROSOFT WORD NAAN MUDHALVAN	11.04.2023	SKILLBASED
4	DHANUS R	IIBBA	PERIYAR UNIVERSITY&MICROSOFT	DIGITAL TRAINING ON MICROSOFT WORD NAAN MUDHALVAN	11.04.2023	SKILL BASED
5	DHANUSH S M	IIBBA	PERIYAR UNIVERSITY&MICROSOFT	DIGITAL TRAINING ON MICROSOFT WORD NAAN MUDHALVAN	11.04.2023	SKILLBASED
6	HARIHARAN J	IIBBA	PERIYAR UNIVERSITY&MICROSOFT	DIGITAL TRAINING ON MICROSOFT WORD NAAN MUDHALVAN	11.04.2023	SKILL BASED
7	JAYASURYA B	IIBBA	PERIYAR UNIVERSITY&MICROSOFT	DIGITAL TRAINING ON MICROSOFT WORD NAAN MUDHALVAN	11.04.2023	SKILLBASED
8	KALEESWARAN M	IIBBA	PERIYAR UNIVERSITY&MICROSOFT	DIGITAL TRAINING ON MICROSOFT WORD NAAN MUDHALVAN	11.04.2023	SKILL BASED
9	MALLA SWAMI	IIBBA	PERIYAR UNIVERSITY&MICROSOFT	DIGITAL TRAINING ON MICROSOFT WORD NAAN MUDHALVAN	11.04.2023	SKILLBASED
10	MEIYARASU S	IIBBA	PERIYAR UNIVERSITY&MICROSOFT	DIGITAL TRAINING ON MICROSOFT WORD NAAN MUDHALVAN	11.04.2023	SKILL BASED
11	PRADEEP P	IIBBA	PERIYAR UNIVERSITY&MICROSOFT	DIGITAL TRAINING ON MICROSOFT WORD NAAN MUDHALVAN	11.04.2023	SKILL BASED
12	SARANRAJ S	IIBBA	PERIYAR UNIVERSITY&MICROSOFT	DIGITAL TRAINING ON MICROSOFT WORD NAAN MUDHALVAN	11.04.2023	SKILL BASED

13	SIVASAMY A	IIBBA	PERIYAR UNIVERSITY&MICROSOFT	DIGITAL TRAINING ON MICROSOFT WORD NAAN MUDHALVAN	11.04.2023	SKILL BASED
14	SUBANESH M	IIBBA	PERIYAR UNIVERSITY&MICROSOFT	DIGITAL TRAINING ON MICROSOFT WORD NAAN MUDHALVAN	11.04.2023	SKILL BASED
15	TAMIZHARASAN D	IIBBA	PERIYAR UNIVERSITY&MICROSOFT	DIGITAL TRAINING ON MICROSOFT WORD NAAN MUDHALVAN	11.04.2023	SKILL BASED
16	UDHAYAKUMAR A	IIBBA	PERIYAR UNIVERSITY&MICROSOFT	DIGITAL TRAINING ON MICROSOFT WORD NAAN MUDHALVAN	11.04.2023	SKILL BASED
17	VIGNESH B	IIBBA	PERIYAR UNIVERSITY&MICROSOFT	DIGITAL TRAINING ON MICROSOFT WORD NAAN MUDHALVAN	11.04.2023	SKILL BASED
18	VISHNU B	IIBBA	PERIYAR UNIVERSITY&MICROSOFT	DIGITAL TRAINING ON MICROSOFT WORD NAAN MUDHALVAN	11.04.2023	SKILL BASED
19	LOGANA D	IIBBA	PERIYAR UNIVERSITY&MICROSOFT	DIGITAL TRAINING ON MICROSOFT WORD NAAN MUDHALVAN	11.04.2023	SKILL BASED
20	MADHUMITHA H	IIBBA	PERIYAR UNIVERSITY&MICROSOFT	DIGITAL TRAINING ON MICROSOFT WORD NAAN MUDHALVAN	11.04.2023	SKILL BASED
21	SELVASUDHA V	IIBBA	PERIYAR UNIVERSITY&MICROSOFT	DIGITAL TRAINING ON MICROSOFT WORD NAAN MUDHALVAN	11.04.2023	SKILL BASED

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Accredited by NAAC
Tiruchengode – 637 205, Namakkal dt., Tamilnadu

S. No.	Name of the Student	Class	Organizer & Sponsor	Title of Seminar / Workshop / Conference	Date	Remarks
1	ARULMURUGAN.R	III BBA	PERIYAR UNIVERSITY,SALEM	INCOME TAX&GST	05.05.2022	SKILL BASED
2	DHANUSH S	III BBA	PERIYAR UNIVERSITY,SALEM	INCOME TAX&GST	05.05.2022	SKILL BASED
3	GOPINATH.G	III BBA	PERIYAR UNIVERSITY,SALEM	INCOME TAX&GST	05.05.2022	SKILL BASED
4	GUNAL.G	III BBA	PERIYAR UNIVERSITY,SALEM	INCOME TAX&GST	05.05.2022	SKILL BASED
5	ILAYARAJA.G	III BBA	PERIYAR UNIVERSITY,SALEM	INCOME TAX&GST	05.05.2022	SKILL BASED
6	KALITHAS.G	III BBA	PERIYAR UNIVERSITY,SALEM	INCOME TAX&GST	05.05.2022	SKILL BASED
7	POOVARASAN. M	III BBA	PERIYAR UNIVERSITY,SALEM	INCOME TAX&GST	05.05.2022	SKILL BASED
8	RAJ KUMAR. V	III BBA	PERIYAR UNIVERSITY,SALEM	INCOME TAX&GST	05.05.2022	SKILL BASED
9	TAMIL SANTHOSH.G	III BBA	PERIYAR UNIVERSITY,SALEM	INCOME TAX&GST	05.05.2022	SKILL BASED
10	THAMODHARAN.K	III BBA	PERIYAR UNIVERSITY,SALEM	INCOME TAX&GST	05.05.2022	SKILL BASED
11	PRIYADHARSHINI.M	III BBA	PERIYAR UNIVERSITY,SALEM	INCOME TAX&GST	05.05.2022	SKILL BASED
12	PRAVEEN S	III BBA	PERIYAR UNIVERSITY,SALEM	INCOME TAX&GST	05.05.2022	SKILL BASED
13	SATHYA K S	III BBA	PERIYAR UNIVERSITY,SALEM	INCOME TAX&GST	05.05.2022	SKILL BASED

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S. No.	Name of the Student	Class	Organizer & Sponsor	Title of Seminar / Workshop / Conference	Date	Remarks
1	ANANTHAN G	I BBA	PERIYAR UNIVERSITY&CAMBRIDGE	NAAN MUDHALVAN	08.05.2023	SKILLBASED
2	DHARANI DHARAN K	I BBA	PERIYAR UNIVERSITY&CAMBRIDGE	NAAN MUDHALVAN	08.05.2023	SKILLBASED
3	GUNA S	I BBA	PERIYAR UNIVERSITY&CAMBRIDGE	NAAN MUDHALVAN	08.05.2023	SKILLBASED
4	KAMESHWARAN S	I BBA	PERIYAR UNIVERSITY&CAMBRIDGE	NAAN MUDHALVAN	08.05.2023	SKILLBASED
5	KARTHI S	I BBA	PERIYAR UNIVERSITY&CAMBRIDGE	NAAN MUDHALVAN	08.05.2023	SKILLBASED
6	KAVIN KUMAR S	I BBA	PERIYAR UNIVERSITY&CAMBRIDGE	NAAN MUDHALVAN	08.05.2023	SKILLBASED
7	KAVIYARASU P	I BBA	PERIYAR UNIVERSITY&CAMBRIDGE	NAAN MUDHALVAN	08.05.2023	SKILLBASED
8	MANOJ V	I BBA	PERIYAR UNIVERSITY&CAMBRIDGE	NAAN MUDHALVAN	08.05.2023	SKILLBASED
9	MOHANKUMAR M	I BBA	PERIYAR UNIVERSITY&CAMBRIDGE	NAAN MUDHALVAN	08.05.2023	SKILLBASED
10	SAKTHIVEL K	I BBA	PERIYAR UNIVERSITY&CAMBRIDGE	NAAN MUDHALVAN	08.05.2023	SKILLBASED
11	SANTHANA KUMAR S	I BBA	PERIYAR UNIVERSITY&CAMBRIDGE	NAAN MUDHALVAN	08.05.2023	SKILLBASED
12	SIVA SUBRAMANI G	I BBA	PERIYAR UNIVERSITY&CAMBRIDGE	NAAN MUDHALVAN	08.05.2023	SKILLBASED
13	STALIN V	I BBA	PERIYAR UNIVERSITY&CAMBRIDGE	NAAN MUDHALVAN	08.05.2023	SKILLBASED
14	YOUNKESWAR R	I BBA	PERIYAR UNIVERSITY&CAMBRIDGE	NAAN MUDHALVAN	08.05.2023	SKILLBASED
15	LOGESWARI V	I BBA	PERIYAR UNIVERSITY&CAMBRIDGE	NAAN MUDHALVAN	08.05.2023	SKILLBASED
16	PRIYA A	I BBA	PERIYAR UNIVERSITY&CAMBRIDGE	NAAN MUDHALVAN	08.05.2023	SKILLBASED
17	SUBASHINI E	I BBA	PERIYAR UNIVERSITY&CAMBRIDGE	NAAN MUDHALVAN	08.05.2023	SKILLBASED
18	TAMIZHARASI K	I BBA	PERIYAR UNIVERSITY&CAMBRIDGE	NAAN MUDHALVAN	08.05.2023	SKILLBASED

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NSE Academy

COURSE NAME	INCOME TAX & GST
SKILL OFFERING ID	2279
PROJECT TITLE	Project 2
PROJECT SUBMITTED TO YEAR	III YEAR BBA (2022-2023)
DEPARTMENT	BACHELOR OF BUSINESS ADMINISTRATION
SEMESTER	VI
GROUP NUMBER	002
MEMBERS OF THE GROUP	20UBA1395 POOVARASAN M 20UBA1396 PRAVEEN S 20UBA1397 RAJKUMAR V 20UBA1398 TAMIL SANTHOSH G 20UBA1399 THAMODHARAN K 20UBA1400 PRIYADHARSHINI M 19UBA1611 SATHYA K.S
GUIDED BY	Mrs. N.MAHESH
SPOC NAME	Mr: A. SHAKESPEAR

COURSE NAME	INCOME TAX &GST
SKILL OFFERING ID	2279
PROJECT TITLE	Project 1
YEAR	III YEAR BBA (2022 2023)
DEPARTMENT	BACHALOR OF BUSINESS ADMINSTRATION
SEMESTER	VI
GROUP NUMBER	001
MEMBERS OF THE GROUP	20UBA1389 ARULMURUGAN R 20UBA1390 DHANUSH S 20UBA1391 GOPINATH G 20UBA1392 GUNAL G 20UBA1393 ILAYARAJA G 20UBA1394 KALITHAS G
GUIDED BY	Mrs. N. MAHESH
SPOC NAME	Mr: A. SHAKESPEAR

Upskill from Cambridge

DATE ISSUED	Candidate ID
2023-05-08	ENG_322490

Test Report

Candidate Name

SANTHANA KUMAR S

On the CEFR scale

B1

READING	WRITING
B1	B1

SPEAKING	LISTENING
A2	B1

These results show that the candidate can:

Produce a short series of simple phrases and sentences on familiar topics.
Understand the general meaning of short, non-routine messages and longer articles within their work context.
Write straightforward messages to colleagues, customers, or contacts at other companies on a range of familiar subjects.
Understand the main ideas of clear speech on familiar topics found in the workplace.

நான் முதல்வன்

CAMBRIDGE English

Upskill assesses English language ability at A1, A2 and B1 on the Common European Framework of Reference (CEFR). For each skill assessed, candidates are awarded a CEFR level. If more than one skill is assessed, an average score is awarded. A short description of what a typical candidate can do at the achieved CEFR level is also reported. More detailed 'Can do' statements can be found at: www.coe.int/lang-CEFR.

SPEAKING	Level	Can do statements
Intermediate	B1	Can speak with colleagues or clients within own job area about simple matters.
Elementary	A2	Can produce a short series of simple phrases and sentences on familiar topics.
Beginner	A1	Can produce simple, mainly isolated phrases, on very familiar topics.

LISTENING	Level	Can do statements
Intermediate	B1	Can understand the main ideas of clear speech on familiar topics found in the workplace.
Elementary	A2	Can understand the main points of short, clear, slow speech.
Beginner	A1	Can recognise familiar words and very basic phrases from slow, clear speech.

READING	Level	Can do statements
Intermediate	B1	Can understand the general meaning of short, non-routine messages and longer articles within their work context.
Elementary	A2	Can understand short work-related documentation and messages within their area of expertise.
Beginner	A1	Can understand very short work-related messages if the language is simple and the topic is familiar.

WRITING	Level	Can do statements
Intermediate	B1	Can write straightforward messages to colleagues, customers, or contacts at other companies on a range of familiar subjects.
Elementary	A2	Can write simple messages to colleagues or known contacts at other companies.
Beginner	A1	Can write short, simple routine requests to colleagues.

நான் முதல்வன்
CAMBRIDGE English

MICROSOFT OFFICE 365 PRODUCTIVITY SUITE OFFERINGS

BEGINNERS LEVEL

This is to certify that **PRADEEP P Pradeep** has successfully completed the

Digital Training on Microsoft Office 365 Productivity Suite Offerings Beginners Course

offered by Naan Mudhalvan in partnership with Microsoft on April 12, 2023

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Microsoft

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MICROSOFT WORD

BEGINNERS LEVEL

This is to certify that **PRADEEP P Pradeep** has successfully completed the

Digital Training on Microsoft Word Beginners Level

offered by Naan Mudhalvan in partnership with Microsoft on April 11, 2023

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Microsoft

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MICROSOFT EXCEL

BEGINNERS LEVEL

This is to certify that **PRADEEP P Pradeep** has successfully completed the

Digital Training on Microsoft Excel Beginners Level

offered by Naan Mudhalvan in partnership with Microsoft on April 11, 2023

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MICROSOFT OUTLOOK

This is to certify that **PRADEEP P** has successfully completed the

Digital Training on Microsoft Outlook

offered by Naan Mudhalvan in partnership with Microsoft on April 25, 2023

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Microsoft

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MICROSOFT SHAREPOINT

This is to certify that **PRADEEP P** has successfully completed the

Digital Training on Microsoft SharePoint

offered by Naan Mudhalvan in partnership with Microsoft on April 25, 2023

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MICROSOFT POWERPOINT

ADVANCE LEVEL

This is to certify that **PRADEEP P** has successfully completed the

Digital Training on Microsoft PowerPoint Advance Level

offered by Naan Mudhalvan in partnership with Microsoft on April 25, 2023

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Microsoft

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MICROSOFT WORD

ADVANCE LEVEL

This is to certify that **PRADEEP P** has successfully completed the

Digital Training on Microsoft Word Advance Level

offered by Naan Mudhalvan in partnership with Microsoft on April 25, 2023

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MICROSOFT EXCEL

ADVANCE LEVEL

This is to certify that **PRADEEP P** has successfully completed the

Digital Training on Microsoft Excel Advance Level

offered by Naan Mudhalvan in partnership with Microsoft on April 25, 2023

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MICROSOFT ONEDRIVE

This is to certify that **PRADEEP P Pradeep** has successfully completed the

Digital Training on Microsoft OneDrive

offered by Naan Mudhalvan in partnership with Microsoft on April 12, 2023

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Microsoft

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MICROSOFT POWERPOINT

BEGINNERS LEVEL

This is to certify that **PRADEEP P Pradeep** has successfully completed the

Digital Training on Microsoft PowerPoint Beginners Level

offered by Naan Mudhalvan in partnership with Microsoft on April 11, 2023

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MICROSOFT TEAMS

This is to certify that **PRADEEP P Pradeep** has successfully completed the

Digital Training on Microsoft Teams

offered by Naan Mudhalvan in partnership with Microsoft on April 12, 2023

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TIRUCHENGODE-637 205, NAMAKKAL DT., TAMILNADU

From,

M.Kanagarajan,

Head, Assistant professor,

Department of English,

Sengunthar Arts and Science College,

Tiruchengode.

To:

The Principal,

Sengunthar Arts and Science College,

Tiruchengode.

Respected sir,

Subject: Requisition for organising Essay writing, Rangoli, patriotic mime, paper craft, drawing Competition-Reg.

I would like to bring to your kind notice that, our department is going to conduct various competition for 75th Independence day from 10-08-2022 to 12-08-2022, at MCA Conference Hall between 10 am to 4 pm. So, I request you to grant us permission to conduct the competitions for those days.

Thanking you,

Date: 06-08-2022
Place: Tiruchengode

Your's Sincerely,
M. Kanagarajan 6/8/22
(M.KANAGARAJAN)

PRINCIPAL

PRINCIPAL,
SENGUNTHAR ARTS AND SCIENCE COLLEGE,
TIRUCHENGODE - 637 205.
NAMAKKAL Dt, TAMIL NADU.

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CIRCULAR

DEPARTMENT OF ENGLISH

The following competitions are to be conducted by the Department of English in connection with 75th Independence Day 2021

S.No	Name of the competition	Title	Date
1	ESSAY WRITING	**PATRIOTIC**	10-08-2022(FN)
2	RANGOLI	**PATRIOTIC**	10-08-2022(AN)
3	PATRIOTIC MIME	**PATRIOTIC**	11-08-2022(FN)
4	INDEPENDENCE DAY PAPER CRAFT	**PATRIOTIC**	11-08-2022(AN)
5	DRAWING COMPETITION	**PATRIOTIC**	12-08-2022(FN)

Interested students are asked to enrol their names in the Department of English on or before 08-08-2022

M. Kumar Rajan 6/8/22
HOD

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SENGUNTHAR ARTS AND SCIENCE COLLEGE,
TIRUCHENGODE - 637 205.
NAMAKKAL Dt, TAMIL NADU.

Copy to:

1.All Classes

2.Notice board

3.IQAC

4.Office

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DEPARTMENT OF ENGLISH

RESULT OF COMPETITION HELD IN VIEW OF 75TH INDEPENDENCE DAY

PRIZE WINNERS LIST

ESSAY WRITING

S.NO.	NAME	COURSE	PLACE
1	M.ABINAYASRI	III BSC (COMP.SCI)	I
2	P.GAYATHRI	II BSC (CHEMISTRY)	II
3	D.ABIRAMI	III BSC (MATHS)	III

RANGOLI COMPETITON

S.NO.	NAME	COURSE	PLACE
1	K.SUHASHINI B.SANKARI B.DIVYA	III BSC (MATHS)	I
2	M.HEMALATHA V.TAMILSELVI A.RANJITHA	II BSC (MATHS)	II
3	A.SOWNDARYA P.ROJA V.SARANYA	III BCOM (B)	III
4	G.SANKARI PRIYA S.GEETHANJALI S.ABIRAMI	IIBSC(MICRO)	III

CO-ORDINATOR

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TIRUCHENGODE - 637 205.
NAMAKKAL Dt, TAMIL NADU.

MIME COMPETITION

S.NO.	NAME	COURSE	PLACE
1	S.ASHWIN KRISHNA S.DEEPAN G.MIDHUN M.SATHISHWARAN G.THILAGAVATH	III BA(ENGLISH	I
2	S.THARUNA V.MADHUJA S.PRASATHINI P.GAYATHRI R.DEVIKA S.THAKSHANYA R.DURGADEVI S.VARSHINI	III BSC (PHYSICS&CHEMISTRY)&II BSC(CHEMISTRY)	II
3	K.SABITHA B.SUGANESHWARI V.GOWSIKA B.SOWBARNAYA S.YOGALAKSHMI	III BSC (MICRO)	III

PAPER CRAFT

S.NO.	NAME	COURSE	PLACE
1	K.SABITHA	III BSC (MICRO)	I
2	R.GOWSHIKA	II BA(ENGLISH)	II
3	S.PAVITHRA	III BA(ENGLISH)	III

DRAWING COMPETITION

S.NO.	NAME	COURSE	PLACE
1	K.KOWSALYA	III BSC (MATHS)	I
2	P.GAYATHRI	III BSC(CHEMISTRY)	II
3	V.S.SHIVANI	III BSC(PHYSICS)	III

CO-ORDINATOR

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PARTICIPATION NAME LIST FOR ESSAY WRITING

S.No	Name of the Participation	Class
1	M.ABINAYA SRI	III BSC(COMP.SCI)
2	R.DEVIKA	III BSC(CHEMISTRY)
3	P.GAYATHRI	III BSC(CHEMISTRY)
4	V.S.SHIVANI	III BSC(PHYSICS)
5	S.PRASATHINI	III BSC(PHYSICS)
6	G.OVIYA	II BCOM
7	S.KIRUTHIKA	II BCOM
8	S.SOWMIYA	II BCOM
9	D.ABIRAMI	III BSC(MATHS)
10	M.SATHYA PRIYA	III BSC(MATHS)
11	M.POOJA SHREE	II BA(ENGLISH)
12	R.GOWSHIKA	II BA(ENGLISH)
13	S.SANTHIYA	II BA(ENGLISH)
14	G.AARTHI	II BA(ENGLISH)
15	S.DEEPAN	III BA(ENGLISH)
16	M.SATHISHWARAN	IIIBA(ENGLISH)
17	G.THILAGAVATH	IIIBA(ENGLISH)

CO-ORDINATOR

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PARTICIPATION NAME LIST RANGOLI COMPETITION

1	A.SOWNDARYA P.ROJA V.SARANYA	III BCOM(B)
2	M.MAHA VIDHYA P.ISWARYA R.ROJA	III BCOM(A)&(B)
3	A.ABINAYA KIRUTHIKA B.SRIMALINI J.SATHYA	III BCOM(A)&(B)
4	G.SHANKARI PRIYA S.GEETHANJALI S.ABIRAMI	IIBSC(MICRO)
5	V.RAMYA R.DHIVYA G.KIRUTHIKA	IIBSC(MICRO)
6	M.HEMALATHA V.TAMILSELVI A.RANJITHA	
7	R.DEEPA S.MOUNIKA S.SANTHIYA	II BSC(MATHS)
8	S.PAVITHARA V.SHOBANA M.MUBASHEERA	III BA (ENGLISH)
9	K.SUHASHINI B.SANKARI B.DIVYA	III BSC(MATHS)
10	DEVIPRIYA LAKSHMI DEVI R.YUVARANI	III BSC(MATHS)
11	S.NANDHINI D.KIRANMAI R.GOWSHIKA	II MA(ENGLISH)&II BA (ENGLISH)

PARTICIPATION NAME LIST MIME COMPETITION

1	S.ASHWIN KRISHNA S.DEEPAN G.MIDHUN M.SATHISWARAN G.THILAGAVATH	IIIBA(ENGLISH)
2	K.SABITHA B.SUGANESHWARI V.GOWSIKA B.SOWBARNAYA S.YOGALAKSHMI	III BSC (MICRO)

Co-ORDINATOR

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TIRUCHENGODE-637 205.
NAMAKKAL DT, TAMIL NADU.

3	S.THARUNA V.MADHUJA S.PRASATHINI P.GAYATHRI R.DEVIKA S.THAKSHANYA R.DURGADEVI S.VARSHINI	III BSC (PHYSICS&CHEMISTRY)&II BSC(CHEMISTRY)
4	S.ARFAZ P.JOTHEESWARAN S.RAMU R.ROHITH R.DHANRAJ GANESH A.SANJEEV	II BCOM(CA)
5	S.JANANI M.KAVIYA PRIYA G.PARAMESHWARI S.SUBASHRI V.SWEATHA S.TANYA	II BCOM(CA)
6	G.AARTHI R.GOWSHIKA S.SANTHIYA M.POOJASHREE V.SHOBANA M.MUBASHEERA S.PAVITHARA	II &IIIBA(ENGLISH)

PARTICIPATION NAME LIST PAPER CRAFT COMPETITION

1	R.DEVIKA	II BSC(CHEMISTRY)
2	P.ROJA	III BCOM(A)
3	M.MAHAVIDHYA	III BCOM(A)
4	M.SANDHIYA	III BCOM(B)
5	A.SOWNDHARYA	III BCOM(B)
6	M.POOJA SHREE	II BA(ENGLISH)
7	R.GOWSHIKA	II BA(ENGLISH)
8	G.AARTHI	II BA(ENGLISH)

CO-ORDINATOR

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NAMAKKAL Dt, TAMIL NADU.

9	G.MIDHUN	III BA(ENGLISH)
10	V.GOWSIKA	III BSC(MICRO)
11	S.R.SHRINIDHI	III BSC(MICRO)
12	B.SOWBARNIYA	III BSC(MICRO)
13	S.YOGALAKSHMI	III BSC(MICRO)
14	K.SABITHA	III BSC(MICRO)
15	V.SHOBANA	III BA(ENGLISH)
16	S.PAVITHRA	III BA(ENGLISH)
17	R.YUVA RANI B.DIVYA	III BSC(MATHS)
18	K.SUHASHINI G.LAKSHMI DEVI	III BSC(MATHS)
19	B.SANKARI S.PREETHA	III BSC(MATHS)
20	G.OVIYA S.SOWMIYA	II BCOM

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2	R.USHA	III BCOM(A)
3	V.SARANYA	III BCOM(B)
4	V.GOMATHI	III BCOM(B)
5	A.SOWNDHARYA	III BCOM(B)
6	P.ISHWARYA	III BCOM(A)
7	P.DHIVYA	III BCOM(B)
8	R.V.SIVARAMAN	III BCOM(B)
9	M.SURENDHARAN	III BCOM(B)
10	V.MADHUJA	III BSC (PHYSICS)
11	P.DHIVYA DHARSHINI	II BSC (CHEMISTRY)

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12	R.DURKA DEVI	II BSC (CHEMISTRY)
13	K.SABITHA	III BSC(MICRO)
14	V.GOWSIKA	III BSC(MICRO)
15	B.SOWBARNIYA	III BSC(MICRO)
16	S.YOGALAKSHMI	III BSC(MICRO)
17	V.S.SHIVANI	III BSC (PHYSICS)
18	S.THARUNA	III BSC (PHYSICS)
19	K.HARUSHNA	III BCA
20	S.SHRUTHIKA	III BCA
21	G.DHARANI	III BCA
22	N.S.HARINI	II BSC(MATHS)
23	P.GAYATHRI	II BSC(CHEMISTRY)
24	S.MOUNIKA	II BSC(MATHS)
25	S.SANTHIYA	II BSC(MATHS)
26	M.POOJA SHREE	II BA(ENGLISH)
27	R.GOWSHIKA	II BA(ENGLISH)
28	M.TAMILARASI	II BSC (BIO CHEM.)
29	V.SARAYA	II BSC (BIO CHEM.)
30	M.NIVETHA	II BSC (BIO CHEM.)
31	C.MONISHA	II BSC (BIO CHEM.)
32	V.TAMILSELVI	II BSC(MATHS)
33	K.KOWSALYA	II BSC(MATHS)
34	S.ROHINI	II BSC(MATHS)
35	M.VIKASHINI	II BSC(MATHS)
36	A.RANJTHA	II BSC(MATHS)
37	M.SANDHIYA	III BCOM(B)

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REPORT

We wish to express our heartfelt gratification to our Hon'ble Principal sir and management for provided their consent and support to organize the Competition for all interested UG/PG students on various competition like Essay Writing, Rangoli, Patriotic Mime, Paper Craft and Drawing Competition from 10-8-2022 to 12-08-2022 nearly 177 students from various discipline has participated.

On that day, it also helps to make confidents and face the competitive world. Meanwhile, it improves our presence of minds whenever we express our views, listens to what others are taking about. To achieve their dreams in anything they want to do, students need brain power with the short memory to become successful in life.

Considering the need of today's students to compete and face the challenges of the modern world, and to make them aware of the competitive examinations, the cell organized this talk to build among students a sense of awareness, provide guidance, necessary sites, and other information about various competitive examinations.

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Our Student is enacting the MIME Competition



Our Students are writing their Essay Competition

TITLE : 75th INDEPENDENCE DAY

DATE : 10-8-2022, 11-8-2022, 12-8-2022

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Our students are creatively doing their Paper Craft

Title: Patriotic

Dates: 10-8-2022, 11-8-2022, 12-8-2022

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Department of Chemistry

Students Participation 2022-2023

Sl.No	Student Name	Course	Program	Venue	Date
1	K.Desingu A.Jayasurya I.Pradeep S.Vignesh R.Devika P.Gayathri P.Monika S.Thakshanya	III B.Sc., Chemistry	National Intellectual Property Awareness Mission	Sengunthar Arts and Science College	27-01-2023
2	K.Desingu A.Jayasurya I.Pradeep S.Vignesh R.Devika P.Gayathri P.Monika S.Thakshanya	III B.Sc., Chemistry	National Science Day Quiz Programme	Sengunthar Arts and Science College	28-02-2023
3	M.Ashok D.Hariharan P.Divyadharshni R.Durkadevi S.Varshini	II B.Sc., Chemistry	Microsoft Office (Naan Muthalvan)	Sengunthar Arts and Science College	12-04-2023 to 03-05-2023

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MICROSOFT EXCEL

BEGINNERS LEVEL

This is to certify that **Hariharan .D** has successfully completed the

Digital Training on Microsoft Excel Beginners Level

offered by Naan Mudhalvan in partnership with Microsoft on April 12, 2023

நான் முதல்வன்

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MICROSOFT POWERPOINT

BEGINNERS LEVEL

This is to certify that **Hariharan .D** has successfully completed the

Digital Training on Microsoft PowerPoint Beginners Level

offered by Naan Mudhalvan in partnership with Microsoft on April 17, 2023

நான் முதல்வன்

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MICROSOFT WORD

BEGINNERS LEVEL

This is to certify that **Hariharan .D** has successfully completed the

Digital Training on Microsoft Word Beginners Level

offered by Naan Mudhalvan in partnership with Microsoft on April 17, 2023

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MICROSOFT TEAMS

This is to certify that **Hariharan .D** has successfully completed the

Digital Training on Microsoft Teams

offered by Naan Mudhalvan in partnership with Microsoft on April 18, 2023

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MICROSOFT ONEDRIVE

This is to certify that **Hariharan .D** has successfully completed the

Digital Training on Microsoft OneDrive

offered by Naan Mudhalvan in partnership with Microsoft on April 18, 2023

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MICROSOFT POWERPOINT

ADVANCE LEVEL

This is to certify that **Divyadharshini p** has successfully completed the

Digital Training on Microsoft PowerPoint Advance Level

offered by Naan Mudhalvan in partnership with Microsoft on April 28, 2023

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MICROSOFT EXCEL

ADVANCE LEVEL

This is to certify that **Divyadharshini p** has successfully completed the

Digital Training on Microsoft Excel Advance Level

offered by Naan Mudhalvan in partnership with Microsoft on April 27, 2023

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MICROSOFT SHAREPOINT

This is to certify that **Divyadharshini p** has successfully completed the

Digital Training on Microsoft SharePoint

offered by Naan Mudhalvan in partnership with Microsoft on April 30, 2023

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MICROSOFT OUTLOOK

This is to certify that **Divyadharshini p** has successfully completed the

Digital Training on Microsoft Outlook

offered by Naan Mudhalvan in partnership with Microsoft on April 29, 2023

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MICROSOFT EXCEL

BEGINNERS LEVEL

This is to certify that **Divyadharshini p** has successfully completed the

Digital Training on Microsoft Excel Beginners Level

offered by Naan Mudhalvan in partnership with Microsoft on April 16, 2023

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MICROSOFT POWERPOINT

BEGINNERS LEVEL

This is to certify that **Divyadharshini p** has successfully completed the

Digital Training on Microsoft PowerPoint Beginners Level

offered by Naan Mudhalvan in partnership with Microsoft on April 24, 2023

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MICROSOFT WORD

BEGINNERS LEVEL

This is to certify that **Divyadharshini p** has successfully completed the

Digital Training on Microsoft Word Beginners Level

offered by Naan Mudhalvan in partnership with Microsoft on April 23, 2023

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MICROSOFT TEAMS

This is to certify that **Divyadharshini p** has successfully completed the

Digital Training on Microsoft Teams

offered by Naan Mudhalvan in partnership with Microsoft on April 25, 2023

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MICROSOFT ONEDRIVE

This is to certify that **Divyadharshini p** has successfully completed the

Digital Training on Microsoft OneDrive

offered by Naan Mudhalvan in partnership with Microsoft on April 26, 2023

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MICROSOFT WORD

ADVANCE LEVEL

This is to certify that **Divyadharshini p** has successfully completed the

Digital Training on Microsoft Word Advance Level

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MICROSOFT TEAMS

This is to certify that **Durkadevi R** has successfully completed the

Digital Training on Microsoft Teams

offered by Naan Mudhalvan in partnership with Microsoft on April 14, 2023

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MICROSOFT ONEDRIVE

This is to certify that **Durkadevi R** has successfully completed the

Digital Training on Microsoft OneDrive

offered by Naan Mudhalvan in partnership with Microsoft on April 18, 2023

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MICROSOFT WORD

ADVANCE LEVEL

This is to certify that **Durkadevi R** has successfully completed the

Digital Training on Microsoft Word Advance Level

offered by Naan Mudhalvan in partnership with Microsoft on April 26, 2023

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MICROSOFT POWERPOINT

ADVANCE LEVEL

This is to certify that **Durkadevi R** has successfully completed the

Digital Training on Microsoft PowerPoint Advance Level

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MICROSOFT EXCEL

ADVANCE LEVEL

This is to certify that **Durkadevi R** has successfully completed the

Digital Training on Microsoft Excel Advance Level

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MICROSOFT OUTLOOK

This is to certify that **Durkadevi R** has successfully completed the

Digital Training on Microsoft Outlook

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MICROSOFT OFFICE 365 PRODUCTIVITY SUITE OFFERINGS

BEGINNERS LEVEL

This is to certify that **Durkadevi R** has successfully completed the

Digital Training on Microsoft Office 365 Productivity Suite Offerings Beginners Course

offered by Naan Mudhalvan in partnership with Microsoft on April 18, 2023

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CYBER SECURITY BASICS

This is to certify that **Durkadevi R,** student of **Periyar University** has successfully completed the

05 Hours of training on Cyber Security and Digital Safety Essentials

offered by Naan Mudhalvan in partnership with Microsoft on May 05, 2023

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MICROSOFT EXCEL

BEGINNERS LEVEL

This is to certify that **Durkadevi R** has successfully completed the

Digital Training on Microsoft Excel Beginners Level

offered by Naan Mudhalvan in partnership with Microsoft on April 13, 2023

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MICROSOFT POWERPOINT

BEGINNERS LEVEL

This is to certify that **Durkadevi R** has successfully completed the

Digital Training on Microsoft PowerPoint Beginners Level

offered by Naan Mudhalvan in partnership with Microsoft on April 14, 2023

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MICROSOFT WORD

BEGINNERS LEVEL

This is to certify that **Durkadevi R** has successfully completed the

Digital Training on Microsoft Word Beginners Level

offered by Naan Mudhalvan in partnership with Microsoft on April 13, 2023

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MICROSOFT EXCEL

BEGINNERS LEVEL

This is to certify that **Varshini S** has successfully completed the

Digital Training on Microsoft Excel Beginners Level

offered by Naan Mudhalvan in partnership with Microsoft on April 16, 2023

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MICROSOFT POWERPOINT

BEGINNERS LEVEL

This is to certify that **Varshini S** has successfully completed the

Digital Training on Microsoft PowerPoint Beginners Level

offered by Naan Mudhalvan in partnership with Microsoft on April 17, 2023

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MICROSOFT WORD

BEGINNERS LEVEL

This is to certify that **Varshini S** has successfully completed the

Digital Training on Microsoft Word Beginners Level

offered by Naan Mudhalvan in partnership with Microsoft on April 17, 2023

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MICROSOFT TEAMS

This is to certify that **Varshini S** has successfully completed the

Digital Training on Microsoft Teams

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MICROSOFT ONEDRIVE

This is to certify that **Varshini S** has successfully completed the

Digital Training on Microsoft OneDrive

offered by Naan Mudhalvan in partnership with Microsoft on April 17, 2023

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MICROSOFT WORD

ADVANCE LEVEL

This is to certify that **Varshini S** has successfully completed the

Digital Training on Microsoft Word Advance Level

offered by Naan Mudhalvan in partnership with Microsoft on April 21, 2023

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Digital Training on Microsoft PowerPoint Advance Level

offered by Naan Mudhalvan in partnership with Microsoft on April 25, 2023

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MICROSOFT EXCEL

ADVANCE LEVEL

This is to certify that **Varshini S** has successfully completed the

Digital Training on Microsoft Excel Advance Level

offered by Naan Mudhalvan in partnership with Microsoft on April 19, 2023

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MICROSOFT SHAREPOINT

This is to certify that **Varshini S** has successfully completed the

Digital Training on Microsoft SharePoint

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MICROSOFT OUTLOOK

This is to certify that **Varshini S** has successfully completed the

Digital Training on Microsoft Outlook

offered by Naan Mudhalvan in partnership with Microsoft on April 26, 2023

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Tiruchengode – 637 205, Namakkal dt., Tamilnadu

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ISO 9001 REGISTERED

PG AND RESEARCH DEPARTMENT BIOTECHNOLOGY

STUDENTS PARTICIPATIONS -2022-2023

S.No	Name of Students	Course	Program	Venue	Date
1	S.Pravinkumar P.Meiyarasu P.P.Kasiprasath M.Vinothkumar R.Preetha	II B.Sc.,Biotech II B.Sc.,Biotech I B.Sc Biotech III B.Sc Biotech III B.Sc Biotech	National Intellectual Property Awareness Mission	Sengunthar arts and science college	25.01.2023
2	R.Preetha S.Pravinkumar A.Gopinath P.P.Kasiprasath	III B.Sc Biotech II B.Sc Biotech II B.Sc Biotech I B.Sc.,Biotech	World Cancer Day Quiz Programme	Sengunthar arts and science college	04.02.2023
3	M.Dineshkumar S.Prakash C.M.Soundarrajan	I M.Sc Biotech I M.Sc Biotech I M.Sc Biotech	National Workshop on Advance Cell Culture Techniques	Bharathidasan College of Arts and Science	08.02.2023
4	S.Muthuvel	II M.Sc Biotech	SWYAM-NPTEL Online course	Online	July to October(12 Weeks)

H. O. D.

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TIRUCHENGODE - 637 205.

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Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
Office of the Controller General of Patents, Designs and Trade Marks

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Date:January 27,2023

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This is to certify that, **MR. P.MEIYARASU** of **SENGUNTHAR ARTS AND SCIENCE COLLEGE** has successfully participated in IP Awareness/Training program under

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This is to certify that, **MR. P.P.KASIPRASATH** of **SENGUNTHAR ARTS AND SCIENCE COLLEGE** has successfully participated in IP Awareness/Training program under

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This is to certify that, **MR. VINOTHKUMAR.M** of **SENGUNTHAR ARTS AND SCIENCE COLLEGE** has successfully participated in IP Awareness/Training program under

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This is to certify that, **MS. R. PREETHA** of **SENGUNTHAR ARTS AND SCIENCE COLLEGE**
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This is to certify that Dr./Mr./Ms. R. PRERTHA, 3 BSC biotechnology of Sengunthar arts and science college, trichengode has participated in WORLD CANCER DAY 2023 Online Quiz Programme, conducted by the PG & Research Department of Microbiology on 4-2-2023.

Dr.P.VENKATACHALAM	Dr.P.ASHOKKUMAR	Mr.P.. BALAMURUGAN	Dr.S.RAVIKUMAR	Prof. A. BALADHANDAPANI
Convener	Organizer	Co- Ordinator	Principal	Secretary & Correspondent

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Dr.P.VENKATACHALAM	Dr.P.ASHOKKUMAR	Mr.P.. BALAMURUGAN	Dr.S.RAVIKUMAR	Prof. A. BALADHANDAPANI
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Ellispettai, Erode, Tamil Nadu, India. Phone : 0424-2533121, 2533128

"National Workshop on Advance Cell Culture Techniques"

Organized by

PG and Research Department of Biochemistry

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This is to certify that Mr / ~~Ms / Dr.~~ M. Dinesh Kumar I- M.Sc., Biotechnology

Sengunthar Arts and Science, Thiruchengode

has participated in the "National Workshop on Advance Cell Culture Techniques" held on February 8th, 2023.

Dr.S.SELVI
Convenor

Dr.S.KAMESH
Principal

Thiru.N.K.K. PERIASAMY
Secretary and Correspondent

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"National Workshop on Advance Cell Culture Techniques"

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This is to certify that Mr / ~~Ms / Dr.~~ S. Prakash I- M.Sc., Biotechnology

Senguntar Arts and Science, Thiruchengode

has participated in the "National Workshop on Advance Cell Culture Techniques" held on February 8th, 2023.

Dr.S.SELVI	Dr.S.KAMESH	Thiru.N.K.K. PERIASAMY
Convenor	Principal	Secretary and Correspondent

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"National Workshop on Advance Cell Culture Techniques"

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This is to certify that Mr / ~~Ms~~ / ~~Dr~~. C.M. Sundar rajan I-M.Sc., Biotechnology

Sengunthar Arts and Science, Thiruchengode

has participated in the "National Workshop on Advance Cell Culture Techniques" held on February 8th, 2023.

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Convenor

Dr.S.KAMESH
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Coordinator, NPTEL
IIT Kharagpur

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swayam

Roll No: NPTEL22AG06S44230305

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No. of credits recommended: 3 or 4

PERMISSION LETTER

From

Mr. R.U.Vignesh

Head cum Assistant professor,

Department of Commerce,

Sengunthar Arts and Science College,

Tiruchengode.

To

The Principal,

SengunthарArts and Science College,

Tiruchengode.

Respected sir

Sub: Requesting Permission – Jayarani arts and Science College for women Salem Workshop -Reg

It is here to inform that our students willing to participate Jayarani arts and Science College for women Salem to conduct the program of artificial intelligence in "One day national workshop on soft skills for career development". So I kindly request you to give permission on the above said date.

Thanking you,

Your's faithfully,

R.U.Vig 23/02/2023

[Mr. R.U.Vignesh]

Place: Tiruchengode.

Date: 23.02.2023

R.U.Vig 23/02/2023

HOD

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SENGUNTHAR ARTS AND SCIENCE COLLEGE,
TIRUCHENGODE - 637 205.

Encl.: Participants Name List

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TIRUCHENGODE – 637 205
DEPARTMENT OF COMMERCE

Since 1991

LIST OF SEMINARS/SYMPOSIUM/CONFERENCES ATTENDED BY THE STUDENT

ACEAMIC YEAR 2022-2023

S.NO	ROLL NO	NAME OF THE STUDENT	NAME OF THE INSTITUTION	NAME OF THE PROGRAMME	DATE
1	20BA238	P. MYNAVARSHINI	Jayarani arts and Science College for women Salem	One day national workshop on soft skills for career development	24/02/2023
2	20BA242	B. PRAVEENA	Jayarani arts and Science College for women Salem	One day national workshop on soft skills for career development	24/02/2023
3	20BA259	S. SUJITHA SRI	Jayarani arts and Science College for women Salem	One day national workshop on soft skills for career development	24/02/2023
4	20BA247	P. ROJA	Jayarani arts and Science College for women Salem	One day national workshop on soft skills for career development	24/02/2023
5	20BA252	R. SARANYA	Jayarani arts and Science College for women Salem	One day national workshop on soft skills for career development	24/02/2023

6	20BB238	R. ROJA	Jayarani arts and Science College for women Salem	One day national workshop on soft skills for career development Success"	24/02/2023
7	20BA231	P. ISHWARYA	Jayarani arts and Science College for women Salem	One day national workshop on soft skills for career development	24/02/2023
8	20BA245	D. RAMYA DEVI	Jayarani arts and Science College for women Salem	One day national workshop on soft skills for career development	24/02/2023
9	20BA233	V. KAVYA	Jayarani arts and Science College for women Salem	One day national workshop on soft skills for career development	24/02/2023
10	20BA240	M. NIVETHA	Jayarani arts and Science College for women Salem	One day national workshop on soft skills for career development	24/02/2023

HOD 23/02/2023

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VENGUNTHAR ARTS AND SCIENCE COLLEGE,
TIRUCHENGODE - 637 205.

JAYARANI ARTS AND SCIENCE COLLEGE FOR WOMEN

Nethimedu, Salem - 636 002.

(Affiliated to Periyar University)

ONE DAY NATIONAL WORKSHOP

ON

SOFT SKILLS FOR CAREER DEVELOPMENT

Certificate

This is to certify that ~~Mr./Ms./Mrs./Dr.~~ B. PRAVEENA , III B.COM

SENGUNTHAR ARTS & SCIENCE COLLEGE

has participated in the One Day National Workshop on Soft Skills for Career Development on 24.02.2023, organised by the Department of English and Commerce, Jayarani Arts and Science College for Women, Nethimedu, Salem - 2.

Co-Convenor	Convenor	Co-Patron	Patron
Dr.M.Sivakami	Dr.N.Kirthyga	Dr.R.Suganthi	Rev. Sr.Dr.A.Maria Josephin

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ON

SOFT SKILLS FOR CAREER DEVELOPMENT

Certificate

This is to certify that ~~Mr.~~/Ms./~~Mrs.~~/~~Dr.~~ S. SUJITHA SRI , III B.COM

SENGUNTHAR ARTS & SCIENCE COLLEGE .

has participated in the One Day National Workshop on Soft Skills for Career Development on 24.02.2023, organised by the Department of English and Commerce, Jayarani Arts and Science College for Women, Nethimedu, Salem - 2.

M. Sivakami
Co-Convenor
Dr.M.Sivakami

N. Kirthyga
Convenor
Dr.N.Kirthyga

Co-Patron
Dr.R.Suganthi

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This is to certify that ~~Mr.~~/Ms./~~Mrs.~~/~~Dr.~~ P. ROJA B.COM

SENGUNTHAR ARTS & SCIENCE COLLEGE.

has participated in the One Day National Workshop on Soft Skills for Career Development on 24.02.2023, organised by the Department of English and Commerce, Jayarani Arts and Science College for Women, Nethimedu, Salem - 2.

M. Sivakami
Co-Convenor
Dr.M.Sivakami

N. Kirthyga
Convenor
Dr.N.Kirthyga

Co-Patron
Dr.R.Suganthi

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Certificate

This is to certify that ~~Mr./~~Ms./~~Mrs./Dr.~~ R. SARANYA III B.COM

SEGUNTHAR ARTS AND SCIENCE COLLEGE

has participated in the One Day National Workshop on Soft Skills for Career Development on 24.02.2023, organised by the Department of English and Commerce, Jayarani Arts and Science College for Women, Nethimedu, Salem - 2.

Co-Convenor	Convenor	Co-Patron	Patron
Dr.M.Sivakami	Dr.N.Kirthyga	Dr.R.Suganthi	Rev. Sr.Dr.A.Maria Josephin

JAYARANI ARTS AND SCIENCE COLLEGE FOR WOMEN

Nethimedu, Salem - 636 002.

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ONE DAY NATIONAL WORKSHOP

ON

SOFT SKILLS FOR CAREER DEVELOPMENT

Certificate

This is to certify that ~~Mr./Ms./Mrs./Dr.~~ R. ROJA III B.COM

SENGUNTHAR ARTS & SCIENCE COLLEGE

has participated in the One Day National Workshop on Soft Skills for Career Development on 24.02.2023, organised by the Department of English and Commerce, Jayarani Arts and Science College for Women, Nethimedu, Salem - 2.

M. Sivakami
Co-Convenor
Dr.M.Sivakami

N. Kirthyga
Convenor
Dr.N.Kirthyga

Co-Patron
Dr.R.Suganthi

Patron
Rev. Sr.Dr.A.Maria Josephin

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Nethimedu, Salem - 636 002.

(Affiliated to Periyar University)

ONE DAY NATIONAL WORKSHOP

ON

SOFT SKILLS FOR CAREER DEVELOPMENT

Certificate

This is to certify that ~~Mr.~~/Ms./~~Mrs.~~/~~Dr.~~ P. ISHWARYA , III B.COM

SENGUNTHAR ARTS AND SCIENCE COLLEGE .

has participated in the One Day National Workshop on Soft Skills for Career Development on 24.02.2023, organised by the Department of English and Commerce, Jayarani Arts and Science College for Women, Nethimedu, Salem - 2.

Co-Convenor	Convenor	Co-Patron	Patron
Dr.M.Sivakami	Dr.N.Kirthyga	Dr.R.Suganthi	Rev. Sr.Dr.A.Maria Josephin

JAYARANI ARTS AND SCIENCE COLLEGE FOR WOMEN

Nethimedu, Salem - 636 002.

(Affiliated to Periyar University)

ONE DAY NATIONAL WORKSHOP

ON

SOFT SKILLS FOR CAREER DEVELOPMENT

Certificate

This is to certify that Mr./Ms./~~Mrs.~~/~~Dr.~~ RAMYA DEVI . D III B.COM

SENGUNTHAR ARTS AND SCIENCE COLLEGE

has participated in the One Day National Workshop on Soft Skills for Career Development on 24.02.2023, organised by the Department of English and Commerce, Jayarani Arts and Science College for Women, Nethimedu, Salem - 2.

Co-Convenor	Convenor	Co-Patron	Patron
Dr.M.Sivakami	Dr.N.Kirthyga	Dr.R.Suganthi	Rev. Sr.Dr.A.Maria Josephin

JAYARANI ARTS AND SCIENCE COLLEGE FOR WOMEN

Nethimedu, Salem - 636 002.

(Affiliated to Periyar University)

ONE DAY NATIONAL WORKSHOP

ON

SOFT SKILLS FOR CAREER DEVELOPMENT

Certificate

This is to certify that ~~Mr.~~/Ms./~~Mrs.~~/~~Dr.~~ V. KAVYA III B.COM

SENGUTHAR ARTS & SCIENCE COLLEGE, TIRUCHENGODE.

has participated in the One Day National Workshop on Soft Skills for Career Development on 24.02.2023, organised by the Department of English and Commerce, Jayarani Arts and Science College for Women, Nethimedu, Salem - 2.

M. Sivakami
Co-Convenor
Dr.M.Sivakami

N. Kirthyga
Convenor
Dr.N.Kirthyga

Co-Patron
Dr.R.Suganthi

Patron
Rev. Sr.Dr.A.Maria Josephin

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Nethimedu, Salem - 636 002.

(Affiliated to Periyar University)

ONE DAY NATIONAL WORKSHOP

ON

SOFT SKILLS FOR CAREER DEVELOPMENT

Certificate

This is to certify that ~~Mr./Ms./Mrs./Dr.~~ M. NIVETHA III B.COM

SENGUNTHAR ARTS & SCIENCE COLLEGE, TIRUCHENGODE.

has participated in the One Day National Workshop on Soft Skills for Career Development on 24.02.2023, organised by the Department of English and Commerce, Jayarani Arts and Science College for Women, Nethimedu, Salem - 2.

M. Sivakami
Co-Convenor
Dr.M.Sivakami

N. Kirthyga
Convenor
Dr.N.Kirthyga

Co-Patron
Dr.R.Suganthi

Patron
Rev. Sr.Dr.A.Maria Josephin

PERMISSION LETTER

From

Mr. R.U.Vignesh

Head cum Assistant professor,

Department of Commerce,

Sengunthar Arts and Science College,

Tiruchengode.

To

The Principal,

SengunthарArts and Science College,

Tiruchengode.

Respected sir

Sub: Requesting Permission – Sri Vasavi arts and science college, International Conference -Reg

It is here to inform that our students willing to participate Sri Vasavi arts and science College Erode to conduct the program of artificial intelligence in International conference on "Creativity and Innovation Enhance Business Growth and Success". So I kindly request you to give permission on the above said date.

Thanking you,

Your's faithfully,

R.U.Vig 22/02/2023

[Mr. R.U.Vignesh]

Place: Tiruchengode.

Date: 22.02.2023

R.U.Vig 22/02/2023

HOD

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SENGUNTHAR ARTS AND SCIENCE COLLEGE,
TIRUCHENGODE - 637 205.

Encl.: Participants Name List

SENGUNTHAR ARTS AND SCIENCE COLLEGE

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DEPARTMENT OF COMMERCE

LIST OF SEMINARS/SYMPOSIUM/CONFERENCES ATTENDED BY THE STUDENT

ACEAMIC YEAR 2022-2023

S.NO	ROLL NO	NAME OF THE STUDENT	NAME OF THE INSTITUTION	NAME OF THE PROGRAMME	DATE
1	20BB218	MADHAN. S	Sri Vasavi Arts And Science college, Erode	International conference on "Creativity and Innovation Enhance Business Growth and Success"	23/02/2023 and 24/02/2023
2	20BB223	RAGUL. R	Sri Vasavi Arts And Science college, Erode	International conference on "Creativity and Innovation Enhance Business Growth and Success"	23/02/2023 and 24/02/2023
3	20BB211	KANNAN. A	Sri Vasavi Arts And Science college, Erode	International conference on "Creativity and Innovation Enhance Business Growth and Success"	23/02/2023 and 24/02/2023
4	20BB229	SURENDHARAN. M	Sri Vasavi Arts And Science college, Erode	International conference on "Creativity and Innovation Enhance Business Growth and Success"	23/02/2023 and 24/02/2023
5	20BB217	KRISHNA. R	Sri Vasavi Arts And Science college, Erode	International conference on "Creativity and Innovation Enhance Business Growth and Success"	23/02/2023 and 24/02/2023

6	20BB219	NISHANTH. G	Sri Vasavi Arts And Science college, Erode	International conference on "Creativity and Innovation Enhance Business Growth and Success"	23/02/2023 and 24/02/2023
7	20BA210	KARTHICK. D. K	Sri Vasavi Arts And Science college, Erode	International conference on "Creativity and Innovation Enhance Business Growth and Success"	23/02/2023 and 24/02/2023
8	20BA224	VIGNESHRAJ. D	Sri Vasavi Arts And Science college, Erode	International conference on "Creativity and Innovation Enhance Business Growth and Success"	23/02/2023 and 24/02/2023
9	20BB228	SIVARAMAN.R.V	Sri Vasavi Arts And Science college, Erode	International conference on "Creativity and Innovation Enhance Business Growth and Success"	23/02/2023 and 24/02/2023
10	20BB213	KAVIBHRATHI. P	Sri Vasavi Arts And Science college, Erode	International conference on "Creativity and Innovation Enhance Business Growth and Success"	23/02/2023 and 24/02/2023

R.U.Nithya 22/02/2023
HOD

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SRI VASAVI COLLEGE, ERODE

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Erode - 638 316, Tamil Nadu, India
Ph : 0424 2533542 / 2536083 | web : srivasavi.ac.in

PG & RESEARCH DEPARTMENT OF COMMERCE & COMMERCE AND MANAGEMENT ASSOCIATION INDIA

INTERNATIONAL CONFERENCE
on
"Creativity and Innovation Enhance Business Growth and Success"

Certificate

This is to certify that Dr/Mr/Ms SIVARAMAN.R.V III-B.COM

SENGUNTHAR ARTS & SCIENCE COLLEGE, TIRUCHENGODE

has participated / Presented the paper titled .....

.....

in the International Conference on "Creativity and Innovation Enhance Business Growth and Success" held on 23rd and 24th February 2023.

Dr.B.Jeeva Rekha
Convenor

Dr.M.Thamaraikannan
Co-Ordinator & HOD

Dr.P.Sivaprakasam
Principal (i/c)

SRI VASAVI COLLEGE, ERODE

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"Creativity and Innovation Enhance Business Growth and Success"

Certificate

This is to certify that Dr/Mr/Ms ...MADHAN.S...III - B.COM.....

SENGUNTHAR ARTS & SCIENCE COLLEGE, TIRUCHENGODE

has participated / Presented the paper titled ..CREATIVITY AND.....

INNOVATION ENHANCE BUSINESS GROWTH AND SUCCESS.

in the International Conference on "Creativity and Innovation Enhance Business Growth and Success" held on 23rd and 24th February 2023.

Dr.B.Jeeva Rekha	Dr.M.Thamaraikannan	Dr.P.Sivaprakasam
Convenor	Co-Ordinator & HOD	Principal (i/c)

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"Creativity and Innovation Enhance Business Growth and Success"

Certificate

This is to certify that Dr/Mr/Ms RAGHUL.R III.B.COM

SENGUNTHAR ARTS & SCIENCE COLLEGE TIRUCHENGODE

has participated / Presented the paper titled DIGITAL PAYMENT

.....

in the International Conference on "Creativity and Innovation Enhance Business Growth and Success" held on 23rd and 24th February 2023.

Dr.B.Jeeva Rekha	Dr.M.Thamaraikannan	Dr.P.Sivaprakasam
Convenor	Co-Ordinator & HOD	Principal (i/c)

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on
"Creativity and Innovation Enhance Business Growth and Success"

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This is to certify that Dr/Mr/Ms KANNAN. A III - B.COM

SENGUNTHAR ARTS & SCIENCE COLLEGE, TIRUCHENGODE

has participated / Presented the paper titled .....

.....

in the International Conference on "Creativity and Innovation Enhance Business Growth and Success" held on 23rd and 24th February 2023.

Dr.B.Jeeva Rekha
Convenor

Dr.M.Thamaraikannan
Co-Ordinator & HOD

Dr.P.Sivaprakasam
Principal (i/c)

SRI VASAVI COLLEGE, ERODE

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"Creativity and Innovation Enhance Business Growth and Success"

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This is to certify that Dr/Mr/Ms SURENDHARAN.M III-B.COM

SENGUNTHAR ARTS & SCIENCE COLLEGE, TIRUCHENGODE

has participated / Presented the paper titled .....

.....

in the International Conference on "Creativity and Innovation Enhance Business Growth and Success" held on 23rd and 24th February 2023.

Dr.B.Jeeva Rekha
Convenor

Dr.M.Thamaraikannan
Co-Ordinator & HOD

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"Creativity and Innovation Enhance Business Growth and Success"

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This is to certify that Dr/Mr/Ms K.R.I.S.H.N.A.R ..... III - B.COM .....

SENGUNTHAR ARTS & SCIENCE COLLEGE, TIRUCHENGODE ...

has participated / Presented the paper titled .....

.....

in the International Conference on "Creativity and Innovation Enhance Business Growth and Success" held on 23rd and 24th February 2023.

Dr.B.Jeeva Rekha	Dr.M.Thamaraikannan	Dr.P.Sivaprakasam
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This is to certify that Dr/Mr/Ms NISHANTH.G ..... III - B.COM ....

SENGUNTHAR ARTS & SCIENCE COLLEGE, TIRUCHENGODE.

has participated / Presented the paper titled .....

.....

in the International Conference on "Creativity and Innovation Enhance Business Growth and Success" held on 23rd and 24th February 2023.

Dr.B.Jeeva Rekha
Convenor

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Co-Ordinator & HOD

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"Creativity and Innovation Enhance Business Growth and Success"

Certificate

This is to certify that Dr/Mr/Ms VIGNESHRAJ.D III-B.COM

SENGUNTHAR ARTS & SCIENCE COLLEGE TIRUCHENGODE

has participated / Presented the paper titled .....

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Dr.B.Jeeva Rekha
Convenor

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Principal (i/c)

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"Creativity and Innovation Enhance Business Growth and Success"

Certificate

This is to certify that Dr/Mr/Ms KARTHICK.D.K ..... III - B.COM.

SENGUNTHAR ARTS & SCIENCE COLLEGE, TIRUCHENGODU

has participated / Presented the paper titled .....

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Dr.M.Thamaraikannan
Co-Ordinator & HOD

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"Creativity and Innovation Enhance Business Growth and Success"

Certificate

This is to certify that Dr/Mr/Ms KAVIBHRATHI.P III - B.COM

SENGUNTHAR ARTS & SCIENCE COLLEGE, TIRUCHENGODE

has participated / Presented the paper titled .....

.....

in the International Conference on "Creativity and Innovation Enhance Business Growth and Success" held on 23rd and 24th February 2023.

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Convenor

Dr.M.Thamaraikannan
Co-Ordinator & HOD

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PG DEPARTMENT OF COMPUTER SCIENCE

STUDENTS PARTICIPATION 2022-2023

S.No	Name	Course	Program	Venue	Date
1.	P.Ranjithkumar P.Kaviyarasan S.Devipriya S.Midhunkumar P.Jayaprakash M.Muthulakshmi S.Vasanthakumar N.Nagasanjay C.Gokulan C.Denish	II MCA & I MCA	One Day HandsOn Workshop In Web Development Bootcamp	IDM Techpark	18.12.2022
2.	S.Naveena R.Srinivetha M.Bakkiyalakshi C.Meenatchi	I MCA	National level conference on " Internet of things and analytical insight with SPSS-IoTAS '2023"	Vivekanandha Arts and Science College for Women	24.03.2023

21/3/23
HOD

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SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

certificate of participation

certification enrollment No: IDM182022012

This is certify that

RANJITHKUMAR P

Sengunthar Arts and Science College

has sucessfully completed their one Day Hands0n workshop in

WEB DEVELOPMENT BOOTCAMP

in our concern on 18.12.2022

MANAGING DIRECTOR

ADMINISTRATIVE HEAD

IDM TECHPARK

GUIDES FOR A PERFECT CAREER PATHWAY

www.idmtechpark.com

certificate of participation

certification enrollment No: IDM182022002

This is certify that

KAVIYARASAN P

Sengunthar Arts and Science College

has sucessfully completed their one Day Hands0n workshop in

WEB DEVELOPMENT BOOTCAMP

in our concern on 18.12.2022

MANAGING DIRECTOR

ADMINISTRATIVE HEAD

IDM TECHPARK

GUIDE'S FOR A PERFECT CAREER PATHWAY

www.idmtechpark.com

certificate of participation

certification enrollment No: IDM182022005

This is certify that

DEVIPRIYA S

Sengunthar Arts and Science College

has sucessfully completed their one Day Hands0n workshop in

WEB DEVELOPMENT BOOTCAMP

in our concern on 18.12.2022

MANAGING DIRECTOR

ADMINISTRATIVE HEAD

IDM TECHPARK
GUIDE'S FOR A PERFECT CAREER PATHWAY

www.idmtechpark.com

certificate of participation

certification enrollment No: IDM182022011

This is certify that

MIDHUN KUMAR S

Sengunthar Arts and Science College

has sucessfully completed their one Day Hands0n workshop in

WEB DEVELOPMENT BOOTCAMP

in our concern on 18.12.2022

MANAGING DIRECTOR

ADMINISTRATIVE HEAD

IDM TECHPARK

GUIDES FOR A PERFECT CAREER PATHWAY

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certificate of participation

certification enrollment No: IDM182022010

This is certify that

JAYAPRAKASH P

Sengunthar Arts and Science College

has sucessfully completed their one Day Hands0n workshop in

WEB DEVELOPMENT BOOTCAMP

in our concern on 18.12.2022

MANAGING DIRECTOR

ADMINISTRATIVE HEAD

IDM TECHPARK

GUIDES FOR A PERFECT CAREER PATHWAY

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certificate of participation

certification enrollment No: IDM182022004

This is certify that

MUTHULAKSHMI M

Sengunthar Arts and Science College

has sucessfully completed their one Day Hands0n workshop in

WEB DEVELOPMENT BOOTCAMP

in our concern on 18.12.2022

MANAGING DIRECTOR

ADMINISTRATIVE HEAD

IDM TECHPARK
GUIDE'S FOR A PERFECT CAREER PATHWAY
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certificate of participation

certification enrollment No: IDM182022007

This is certify that

PRAKASH N

Sengunthar Arts and Science College

has sucessfully completed their one Day Hands0n workshop in

WEB DEVELOPMENT BOOTCAMP

in our concern on 18.12.2022

MANAGING DIRECTOR

ADMINISTRATIVE HEAD

IDM TECHPARK
GUIDE'S FOR A PERFECT CAREER PATHWAY
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certificate of participation

certification enrollment No: IDM182022006

This is certify that

NAGASANJAY N

Sengunthar Arts and Science College

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SENGUNTHAR ARTS AND SCIENCE COLLEGE *has actively participated / presented / published a paper entitled* ..... *in the National Level Conference on "INTERNET OF THINGS AND ANALYTICAL INSIGHT WITH SPSS - IoTAS'2023" organized by the Department of Computer Science & Computer Applications and Department of Mathematics, held on 24th March 2023 at Vivekanandha Arts and Science College for Women, Sankagiri, Salem Dt., T.N.*

Mrs. M. VALARMATHI	Dr. S. LOGANAYAGI	Dr. R. JAYAKUMAR	Dr. B.T. SURESH KUMAR	Prof. Dr. M. KARUNANITHI
Head-CS & CA	Head-Maths	Dean-Academic	Principal	Chairman & Secretary

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Mrs. M. VALARMATHI	Dr. S. LOGANAYAGI	Dr. T. JAYAKUMAR	Dr. B.T. SURESH KUMAR	Prof. Dr. M. KARUNANITHI
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Mrs. M. VALARMATHI	Dr. S. LOGANAYAGI	Dr. B. JAYAKUMAR	Dr. B.T. SURESH KUMAR	Prof. Dr. M. KARUNANITHI
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IoTAS'2023

Certificate

This is to certify that ~~Dr.~~ / ~~Mr.~~ / ~~Mrs.~~ / Ms. S.NAVEENA - I M.C.A ..... *of* SENGUNTHAR ARTS AND SCIENCE COLLEGE ..... *has actively participated / presented / published a paper entitled* ..... *in the National Level Conference on "INTERNET OF THINGS AND ANALYTICAL INSIGHT WITH SPSS - IoTAS'2023" organized by the Department of Computer Science & Computer Applications and Department of Mathematics, held on 24th March 2023 at Vivekanandha Arts and Science College for Women, Sankagiri, Salem Dt., TN.*

Mrs. M. VALARMATHI	Dr. S. LOGANAYAGI	Dr. R. JAYAKUMAR	Dr. B.T. SURESH KUMAR	Prof. Dr. M. KARUNANITHI
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Tiruchengode – 637 205, Namakkal dt., Tamilnadu

BSCIC ISO 9001 REGISTERED

STUDENTS PARTICIPATION IN SEMINARS / WORKSHOPS / CONFERENCES

Department of ...Electronics & Communication

Academic Year : ...2022-2023..... Semester: Even

S. No.	Name of the Student	Class	Organizer & Sponsor	Title of Seminar / Workshop / Conference	Date	Remarks
1	S.Muruganatham V.Sathish O.Balakarthikeyen	III-B.Sc. Electronics & Communicaton	Department of Microbiology, Sengunthar Arts And Science College,Tiruchengode.	Quiz Competition	04.02.2023	Quiz
2	S.Muruganatham V.Sathish O.Balakarthikeyen	III-B.Sc. Electronics & Communicaton	Department of Microbiology, Sengunthar Arts And Science College,Tiruchengode.	Quiz Competition	28.02.2023	Quiz
3	S.Muruganatham V.Sathish O.Balakarthikeyen	III-B.Sc. Electronics & Communicaton	SmartBridge Educational Services (Naan Mudhalvan)	Data Analytics with Tableau	13.07.2023 To 16.07.2023	Naan Mudhalvan

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Trained on tableau

Certificate of Achievement

This certificate has been awarded to

Mr/Miss **BALAKARTHIKEYAN O** Reg No **F531BF4CA519121B41544915CEE7864B**

Branch **Electronics**

College Name **SENGUNTHAR ARTS & SCIENCE COLLEGE, TIRUCHENGODE.**

For the successful completion of **Data Analytics with Tableau** course sponsored by Naan Mudhalvan Program, Tamilnadu Skill Development Corporation and conducted by **SmartBridge Educational Services Pvt. Ltd.** During the course, the learner demonstrated initiative and commitment to advance in their career.

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Mr/Miss **MURUGANANTHAM S** Reg No **78172D1C58796E2A97E4E1C130EB15F5**

Branch **Electronics**

College Name **SENGUNTHAR ARTS & SCIENCE COLLEGE, TIRUCHENGODE.**

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Mr/Miss **SATHISH V** Reg No **3A5A9CA7EC151CEA89E449AB54BBF44B**

Branch **Electronics**

College Name **SENGUNTHAR ARTS & SCIENCE COLLEGE, TIRUCHENGODE.**

For the successful completion of **Data Analytics with Tableau** course sponsored by Naan Mudhalvan Program, Tamilnadu Skill Development Corporation and conducted by **SmartBridge Educational Services Pvt. Ltd.** During the course, the learner demonstrated initiative and commitment to advance in their career.

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This is to certify that Dr./Mr./Ms. V. SATHISH, B.Sc Electronics and communication of Sengunthar arts and science college has participated in "National Science Day Quiz Competition" conducted by the PG & Research Department of Microbiology on 28-2-2023.

Dr.P.VENKATACHALAM	Dr. P. ASHOKKUMAR	Mr.P.. BALAMURUGAN	Dr.S.RAVIKUMAR
Convener	Organizer	Co- Ordinator	Principal

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This is to certify that Dr./Mr./Ms. MURUGANANTHAM.S, Bsc.Electronics and Communication of Sengunthar Arts and Science College has participated in "National Science Day Quiz Competition" conducted by the PG & Research Department of Microbiology on 28-2-2023.

Dr.P.VENKATACHALAM	Dr. P. ASHOKKUMAR	Mr.P., BALAMURUGAN	Dr.S.RAVIKUMAR
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This is to certify that Dr./Mr./Ms. S.Muruganantham, Bsc Electronics and Communication of Sengunthar Arts and Science College has participated in WORLD CANCER DAY 2023 Online Quiz Programme, conducted by the PG & Research Department of Microbiology on 4-2-2023.

Dr.P.VENKATACHALAM	Dr.P.ASHOKKUMAR	Mr.P.. BALAMURUGAN	Dr.S.RAVIKUMAR	Prof. A. BALADHANDAPANI
Convener	Organizer	Co- Ordinator	Principal	Secretary & Correspondent

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STUDENTS PARTICIPATION IN SEMINARS / WORKSHOPS / CONFERENCES

Department of ...PHYSICS.....

Academic Year : ...2022-2023.....

Semester: Odd / Even

S. No.	Name of the Student	Class	Organizer & Sponsor	Title of Seminar / Workshop / Conference	Date	Remarks
1	S.THARUNA	III-B.Sc.PHYSICS	SENGUNTHAR ARTS AND SCIENCE COLLEGE	GLASS PAINTING	11.08.2022	PAINTING
2	V.S.SHIVANI	III-B.Sc.PHYSICS	SENGUNTHAR ARTS AND SCIENCE COLLEGE	POSTER PRESENTATION	12.08.2022	POSTER
3	S.THARUNA	III-B.Sc.PHYSICS	KURINJI KABILAR TAMIL SANGAM	NATIONAL LEVEL DRAWING COMPETITION	15.08.2022	DRAWING
4	V.MADHUJA	III-B.Sc.PHYSICS	SENGUNTHAR ARTS AND SCIENCE COLLEGE	POSTER PRESENTATION	28.02.2023	POSTER
5	V.S.SHIVANI	III-B.Sc.PHYSICS	SENGUNTHAR ARTS AND SCIENCE COLLEGE	POSTER PRESENTATION	28.02.2023	POSTER
6	S.THARUNA	III-B.Sc.PHYSICS	SENGUNTHAR ARTS AND SCIENCE COLLEGE	POSTER PRESENTATION	28.02.2023	POSTER
7	G.GOPIKA	I-B.Sc.PHYSICS	SENGUNTHAR ARTS AND SCIENCE COLLEGE	POSTER PRESENTATION	28.02.2023	POSTER
8	S.THARUNA	III-B.Sc.PHYSICS	SENGUNTHAR ARTS AND SCIENCE COLLEGE	CRAFT FROM WASTE	28.02.2023	CRAFT

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STUDENTS PARTICIPATION IN SEMINARS / WORKSHOPS / CONFERENCES

Department of ...PHYSICS.....

Academic Year : ...2022-2023.....

Semester: Even

S. No.	Name of the Student	Class	Organizer & Sponsor	Title of Seminar / Workshop / Conference	Date	Remarks
1	S.THARUNA	III-B.Sc.PHYSICS	DEPARTMENT OF MICROBIOLOGY, SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE.	QUIZ COMPETITION	04.02.2023	QUIZ
2	S.GOWTHAMRAJ	II-B.Sc.PHYSICS			04.02.2023	QUIZ
3	D.PURUSOTTHAMAN	II-B.Sc.PHYSICS			04.02.2023	QUIZ
4	G.GOPIKA	I-B.Sc.PHYSICS			04.02.2023	QUIZ
5	V.BHARATHI	I-B.Sc.PHYSICS			05.02.2023	QUIZ
6	S.THARUNA	III-B.Sc.PHYSICS			28.02.2023	QUIZ
7	V.S.SHIVANI	III-B.Sc.PHYSICS			28.02.2023	QUIZ

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Department of ...PHYSICS.....

Academic Year : ...2022-2023.....

Semester: Even

S. No.	Name of the Student	Class	Organizer & Sponsor	Title of Seminar / Workshop / Conference	Date	Remarks
1	S.Gowthamraj D.Purusotthaman	II-B.Sc.Physics	Microsoft Excel (Naan Mudhalvan)	Digital Training on Microsoft Excel Advance Level	12.04.2023 to 03.05.2023	Naan Mudhalvan
2	M.Praveenkumar V.Madhuja S.Prasathini V.S.Shivani S.Tharuna	III-B.Sc.Physics	SmartBridge Educational Services (Naan Mudhalvan)	Data Analytics with Tableau	13.07.2023 To 16.07.2023	Naan Mudhalvan

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Trained on

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This certificate has been awarded to

Mr/Miss **MADHUJA V** Reg No **08EC68413226B3A86A44D2F5D8C5FA6E**

Branch **Physics**

College Name **SENGUNTHAR ARTS & SCIENCE COLLEGE, TIRUCHENGODE.**

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Mr/Miss **PRAVEENKUMAR M** Reg No **23AF28B9D819AE9B51C49439C63596D8**

Branch **Physics**

College Name **SENGUNTHAR ARTS & SCIENCE COLLEGE, TIRUCHENGODE.**

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Mr/Miss **SHIVANI V S** Reg No **84462D2F6AB60DE97B0401CE45DC75E4**

Branch **Physics**

College Name **SENGUNTHAR ARTS & SCIENCE COLLEGE, TIRUCHENGODE.**

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Branch **Physics**

College Name **SENGUNTHAR ARTS & SCIENCE COLLEGE, TIRUCHENGODE.**

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Mr/Miss **PRASATHINI S** Reg No **3AE59D5F340CDAE9F684C9607B2002A9**

Branch **Physics**

College Name **SENGUNTHAR ARTS & SCIENCE COLLEGE, TIRUCHENGODE.**

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ISO 9001 REGISTERED

This is to certify that Dr./Mr./Ms. S.THARUNA, Student and Physics of Sengunthar Arts and Science College has participated in "National Science Day Quiz Competition" conducted by the PG & Research Department of Microbiology on 28-2-2023.

Dr.P.VENKATACHALAM	Dr. P. ASHOKKUMAR	Mr.P.. BALAMURUGAN	Dr.S.RAVIKUMAR
Convener	Organizer	Co- Ordinator	Principal

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This is to certify that Dr./Mr./Ms. SHIVANI.V.S, physics of Sengunthar arts and science college, Tiruchengode has participated in "National Science Day Quiz Competition" conducted by the PG & Research Department of Microbiology on 28-2-2023.

Dr.P.VENKATACHALAM	Dr. P. ASHOKKUMAR	Mr.P.. BALAMURUGAN	Dr.S.RAVIKUMAR
Convener	Organizer	Co- Ordinator	Principal

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DEPARTMENT OF PHYSICS

Azadi Ka Amrit Mahotsav

CERTIFICATE OF MERIT

Azadi Ka Amrit Mahotsav

This is to certify that Mr. / Miss. V.S. SHIVANI of

III B.Sc., PHYSICS has won ~~First~~ / ~~Second~~ / Third / ~~Consolation~~ Prize

in the POSTER PRESENTATION Competition on the Occasion of

75TH INDEPENDENCE DAY CELEBRATION held on 12.08.2022

M.N 12/8/22
Co-ordinator

12/8/22
Head of the Department

Principal

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Certificate of Merit

This is to certify that Mr./Miss. V. S. SHIVANI of III B.Sc PHYSICS has secured ~~First~~ / ~~Second~~ / Third / ~~Participated~~ in the POSTER PRESENTATION Competition on the Occasion of National Science Day Celebrations held on 28.02.2023 Organized by the Department of Electronics and Communication & Physics held at our College

Co-ordinator HOD Principal

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Certificate of Merit

This is to certify that Mr./Miss. S. THARUNA of III B.Sc. PHYSICS has secured ~~First~~ / ~~Second~~ / ~~Third~~ / Participated in the CRAFT FROM WASTE Competition on the Occasion of National Science Day Celebrations held on 28.02.2023 Organized by the Department of Electronics and Communication & Physics held at our College

Co-ordinator HOD Principal

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Azadi Ka Amrit Mahotsav

Certificate of Merit

Azadi Ka Amrit Mahotsav

This is to certify that Mr. / Miss. S. THARUNA of

III B.Sc., PHYSICS has won ~~First~~ / ~~Second~~ / Third / ~~Consolation~~ Prize

in the GLASS PAINTING Competition on the Occasion of

75TH INDEPENDENCE DAY CELEBRATION held on 11.08.2022

Co-ordinator

Head of the Department

Principal


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BSCIC
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Dr.P.VENKATACHALAM
Convener
Dr.P.ASHOKKUMAR
Organizer
Mr.P.. BALAMURUGAN
Co- Ordinator
Dr.S.RAVIKUMAR
Principal
Prof. A. BALADHANDAPANI
Secretary & Correspondent
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BSCIC JAS-ANZ ISO 9001 REGISTERED

This is to certify that ***Dr./Mr./Ms. BHARATHI V, Bsc physics*** *of* ***Senguthar arts and Science College thiruchengode*** *has participated in* ***WORLD CANCER DAY 2023 Online Quiz Programme,*** *conducted by the* ***PG & Research Department of Microbiology*** *on* **5-2-2023.**

Dr.P.VENKATACHALAM	Dr.P.ASHOKKUMAR	Mr.P. BALAMURUGAN	Dr.S.RAVIKUMAR	Prof. A. BALADHANDAPANI
Convener	Organizer	Co- Ordinator	Principal	Secretary & Correspondent

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Sengunthar Arts and Science College
(Affiliated to Periyar University, Salem and Approved by AICTE, New Delhi)
Recognized u/s 2(f) and 12(B) of UGC Act, 1956 and Accredited by NAAC
Tiruchengode - 637205, Namakkal Dt., Tamilnadu
BSCIC
JAS-ANZ
ISO 9001 REGISTERED
This is to certify that Dr./Mr./Ms. G.GOPIKA , I-B.sc.physics of Sengunthar arts and science college,Tiruchengode has participated in WORLD CANCER DAY 2023 Online Quiz Programme, conducted by the PG & Research Department of Microbiology on 4-2-2023.
Dr.P.VENKATACHALAM
Convener
Dr.P.ASHOKKUMAR
Organizer
Mr.P., BALAMURUGAN
Co- Ordinator
Dr.S.RAVIKUMAR
Principal
Prof. A. BALADHANDAPANI
Secretary & Correspondent
This is an e-Certificate, hence no signature is required.
Made for free with Certify'em

MICROSOFT EXCEL

BEGINNERS LEVEL

This is to certify that **Purusotthaman D** has successfully completed the

Digital Training on Microsoft Excel Beginners Level

offered by Naan Mudhalvan in partnership with Microsoft on April 13, 2023

நான் முதல்வன்

naanmudhalvan.tn.gov.in/

Microsoft

naanmudhalvan.azurewebsites.net/

MICROSOFT POWERPOINT

BEGINNERS LEVEL

This is to certify that **Purusotthaman D** has successfully completed the

Digital Training on Microsoft PowerPoint Beginners Level

offered by Naan Mudhalvan in partnership with Microsoft on April 14, 2023

நான் முதல்வன்

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Microsoft

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MICROSOFT WORD

BEGINNERS LEVEL

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Microsoft

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MICROSOFT TEAMS

This is to certify that **Purusotthaman D** has successfully completed the

Digital Training on Microsoft Teams

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Microsoft

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MICROSOFT ONEDRIVE

This is to certify that **Purusotthaman D** has successfully completed the

Digital Training on Microsoft OneDrive

offered by Naan Mudhalvan in partnership with Microsoft on April 16, 2023

நான் முதல்வன்

naanmudhalvan.tn.gov.in/

Microsoft

naanmudhalvan.azurewebsites.net/

MICROSOFT WORD

ADVANCE LEVEL

This is to certify that **Purusotthaman D** has successfully completed the

Digital Training on Microsoft Word Advance Level

offered by Naan Mudhalvan in partnership with Microsoft on April 17, 2023

நான் முதல்வன்

naanmudhalvan.tn.gov.in/

Microsoft

naanmudhalvan.azurewebsites.net/

MICROSOFT POWERPOINT

ADVANCE LEVEL

This is to certify that **Purusotthaman D** has successfully completed the

Digital Training on Microsoft PowerPoint Advance Level

offered by Naan Mudhalvan in partnership with Microsoft on April 17, 2023

நான் முதல்வன்

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Microsoft

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MICROSOFT EXCEL

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Microsoft

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MICROSOFT SHAREPOINT

This is to certify that **Purusotthaman D** has successfully completed the

Digital Training on Microsoft SharePoint

offered by Naan Mudhalvan in partnership with Microsoft on April 17, 2023

நான் முதல்வன்

naanmudhalvan.tn.gov.in/

Microsoft

naanmudhalvan.azurewebsites.net/

MICROSOFT OUTLOOK

This is to certify that **Purusotthaman D** has successfully completed the

Digital Training on Microsoft Outlook

offered by Naan Mudhalvan in partnership with Microsoft on April 17, 2023

நான் முதல்வன்

naanmudhalvan.tn.gov.in/

Microsoft

naanmudhalvan.azurewebsites.net/

MICROSOFT EXCEL

BEGINNERS LEVEL

This is to certify that **GOWTHAMRAJ S** has successfully completed the

Digital Training on Microsoft Excel Beginners Level

offered by Naan Mudhalvan in partnership with Microsoft on April 12, 2023

நான் முதல்வன்

naanmudhalvan.tn.gov.in/

Microsoft

naanmudhalvan.azurewebsites.net/

MICROSOFT POWERPOINT

BEGINNERS LEVEL

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நான் முதல்வன்

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Microsoft

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MICROSOFT WORD

BEGINNERS LEVEL

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Digital Training on Microsoft Word Beginners Level

offered by Naan Mudhalvan in partnership with Microsoft on April 12, 2023

நான் முதல்வன்

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MICROSOFT TEAMS

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Microsoft

naanmudhalvan.azurewebsites.net/

MICROSOFT ONEDRIVE

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Digital Training on Microsoft OneDrive

offered by Naan Mudhalvan in partnership with Microsoft on April 13, 2023

நான் முதல்வன்

naanmudhalvan.tn.gov.in/

Microsoft

naanmudhalvan.azurewebsites.net/

MICROSOFT WORD

ADVANCE LEVEL

This is to certify that **GOWTHAMRAJ S** has successfully completed the

Digital Training on Microsoft Word Advance Level

offered by Naan Mudhalvan in partnership with Microsoft on April 15, 2023

நான் முதல்வன்

naanmudhalvan.tn.gov.in/

Microsoft

naanmudhalvan.azurewebsites.net/

MICROSOFT POWERPOINT

ADVANCE LEVEL

This is to certify that **GOWTHAMRAJ S** has successfully completed the

Digital Training on Microsoft PowerPoint Advance Level

offered by Naan Mudhalvan in partnership with Microsoft on April 16, 2023

நான் முதல்வன்

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Microsoft

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MICROSOFT EXCEL

ADVANCE LEVEL

This is to certify that **GOWTHAMRAJ S** has successfully completed the

Digital Training on Microsoft Excel Advance Level

offered by Naan Mudhalvan in partnership with Microsoft on April 14, 2023

நான் முதல்வன்

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Microsoft

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MICROSOFT SHAREPOINT

This is to certify that **GOWTHAMRAJ S** has successfully completed the

Digital Training on Microsoft SharePoint

offered by Naan Mudhalvan in partnership with Microsoft on April 17, 2023

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Microsoft

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MICROSOFT OUTLOOK

This is to certify that **GOWTHAMRAJ S** has successfully completed the

Digital Training on Microsoft Outlook

offered by Naan Mudhalvan in partnership with Microsoft on April 16, 2023

நான் முதல்வன்

naanmudhalvan.tn.gov.in/

Microsoft

naanmudhalvan.azurewebsites.net/

CYBER SECURITY BASICS

This is to certify that **Purusotthaman D,** student of **Periyar University** has successfully completed the

03 Hours of training on Cyber Security and Digital Safety Essentials

offered by Naan Mudhalvan in partnership with Microsoft on May 02, 2023

நான் முதல்வன்

naanmudhalvan.tn.gov.in/

Microsoft

naanmudhalvan.azurewebsites.net/

PERIYAR UNIVERSITY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University, Salem And Approved by AICTE, New Delhi)
An ISO 9001:2015 Certified Institution

Recognised Under Section 2(f) and 12(B) of UGC Act 1956 and Accredited by NAAC

TIRUCHENGODE – 637205, NAMAKKAL DT., TAMILNADU.

Department of commerce

B.COM.,

This is to Certify that this is a bonafide record of the practical work done by A. ABINAYAKIRUTHIGA Reg.No 20ULM2300 in the Department of Commerce at Sengunthar Arts and Science College, Tiruchengode.

1. 20/04/2023
2. 20/4/23
3.
4. 20/4/23

Staff in-charge's

20/04/2023

Head of the Department
Head,
Department of Commerce,
Sengunthar Arts and Science College,
Tiruchengode-637205. Namakkal-Dt

Submitted for the University Practical Examinations held on 26.04.2023 at

Department of commerce. Sengunthar Arts and Science College, Tiruchengode.

INTERNAL EXAMINER

EXTERNAL EXAMINER

Place: TIRUCHENGODE

Date: 20-04-2023

RAM ENGINEERING LTD.
45/3-A, M.G ROAD,
MUMBAI-10

CASH PAYMENT VOUCHER

Rs. 5000/-

Voucher No: 3578

Date : 27/01/2023

Received with thanks Rupees FIVE THOUSAND ONLY

from MR. ARAVINDHAN towards

the PERSONAL EXPENSES

Signature of the party.

Witness:

1. KOWSALYA (Kowsalya)
2. LEKHA (Lekha)

L& T COMPANY LTD.,

34/2 Anna Salai,
Chennai-01.

RECEIPT

No: 125

Date: 25/01/2023

Received with thanks from Mr. Vijay

the sum of Rupees Ten Thousand Five hundred only

by Cash / Draft/ Cheque - through Cash.

Rs: 10500/-

For L&T COMPANY LTD.,

Cashier

INVOICE

DEEPIKA BOOK HOUSE

Telephone No : 04288 288 900

Cell No : 9486361877

Telegrams : 82487922221

Post Box No : 6

10, Brough Road,

Bangalore.

Invoice No : 100

Quantity	Particulars	Rate		Amount	
		Rs	p	Rs	p
100	Business Management Books	100		10000	
50	Principles of Management	150		7500	
				17500	
	Discount @ 10%			1750	
				15750	

E & O.E. For Deepika book house.,

Sales Manager

DELIVERY CHALLAN

From : Modern Spinning Mills To : The Chennai Silks

Challan No : 64893 Date : 30/01/2023

Date & Order NO : 23/01/2023 & 57 No. of Packages : 2

Despatched through : Professional Bill No. & Date : 25 & 01/02/2023

S.No	Particulars	Quantity	Rates		Amount	
			Rs	P	Rs	P
1.	Cotton Cloth	100m	225		22500	
	Twenty two thousand Five hundred only				22500	

Modern Spinning Mills
For Anbal - Auto.

Sales Manager.

MRF TYRES LTD.,

451/A-35, Manali,
Chennai - 27

ENTRY PASS

(Security Department)

No: 43216 Date: 31/01/2023

Vehicle No : TN 34 AZ 7417

Name of the Party : ABCD Pvt. Ltd.

Nature of the load : SPARES SPOTT OF RAW MATERIAL

Time of Entry : 11.00 Am

Time of Exit : 3.00 Pm

Security Department

RAMRAJ SPINNING MILL LTD.,

No. 6, Kempa Gowda Street,
Sivagi Nagar,
Bangalore

GATE PASS

No: A7898 Date: 01/02/2023

Returnable /
Non-returnable: Returnable

Please pass out the following materials for the purpose mentioned against each goods.

S No.	Name of the Materials	Purpose for which Pass Out	Remarks
1.	Cotton 100 tons	Sales	-
2.	Paper 100 tons	Sales	-

Passing Officer.

CAMLIN OFFICE EQUIPMENTS LTD.,

15, Park Street,
Erode -9.

DEBIT NOTE

Date: 02/02/2023

To AA Company,
618, Tajnagar,
Pallipalayam - 638008

DEBTOR TO Charan Book Store

Number and Date of Invoice	Particulars	Amount	
		Rs	P
25/01/2023	50 books at 100 each	5000	
23/01/2023	50 books at 150 each	7500	
	Twelve thousand Five hundred only	12500	

.E& O.E.

For Camlin Office Equipments Ltd.,

Accountant

BPL Co. Ltd.,

321/3A -1, Sivan Kovil Street,
Salem -2.

CREDIT NOTE

Date: 03/02/2023

To AA Company,
590, S.P.B. Colony,
Namakkal - 638010

CREDIT TO An account with Electronic

Number and Date of Invoice	Particulars	Amount	
		Rs	P
436 & 24/01/2023	10 - Tv nos of Rs.90 each instint of Rs. 10000	10000	
736 & 22/01/2023	6 - DVD Player Rs. 3000 each instint of Rs. 2500 each	2500	
	Twelve thousand Five hundred only	12500	

E& O.E.

For BPL Co, Ltd,

Accountant

TUBEKNIT FASHIONS LIMITED - PUBLIC ISSUE

THIS BOOK CONSISTS OF 12 PAGES INCLUDING FORM 2A. PLEASE ENSURE THAT YOU GET ALL PAGES.

100% BOOK BUILDING ISSUE

TUBEKNIT FASHIONS LIMITED

BID CUM APPLICATION FORM

FOR ENGINEERS & SERVICES (INDIA) LIMITED

BIDDING OPENS ON : WEDNESDAY, FEBRUARY 21, 2018

BIDDING CLOSES ON : TUESDAY, FEBRUARY 27, 2018

Bid cum Application Form No. 2727225

READ THE INSTRUCTIONS CAREFULLY BEFORE FILLING THIS FORM

Date : _____ 2018

SYNDICATE MEMBER'S STAMP & CODE	BROKER/AGENT'S STAMP & CODE	SUB-BROKER'S/SUB-AGENT'S STAMP & CODE	BANK BRANCH STAMP & CODE	BANK BRANCH SERIAL NO.	REGISTRAR'S SERIAL NO.
Religare Securities Ltd. 23/06537-32	KSBL 23/07701-38				

To,
The Board of Directors
TUBEKNIT FASHIONS LIMITED
SF No 137 Kanchipuram
Nadu Thalur - 631 206

[redacted]

Dear Sirs,

I/We hereby apply for allotment of Equity Shares of the Face Value of Rs. 10/- each at a premium of Rs. 90/- per Equity Share aggregating to Rs. 1,00,00,000/- (Rupees One Crore Only) in the Initial Public Offering of Tubeknit Fashions Limited. I/We have read the Prospectus dated February 21, 2018 and agree to abide by the terms and conditions thereof. I/We have not applied for any Equity Shares in any other Public Issue.

I/We authorize you to make the necessary entries in the Register of Members of the Company in respect of the Equity Shares that may be allotted to me/us and to send Share Certificate(s) by Ordinary Post at my/our risk to the sole/first Applicant at the address mentioned in this Bid cum Application Form.

I/We authorize you to credit the Equity Shares allotted to me/us in my/our Depository Account as mentioned in this Bid cum Application Form.

I/We authorize you to send the Refund Order(s) by Ordinary Post at my/our risk to the sole/first Applicant at the address mentioned in this Bid cum Application Form.

I/We authorize you to credit the Refund Amount, if any, in the bank account mentioned in this Bid cum Application Form.

I/We confirm that I/we am/are not a Promoter, Promoter Group or Relative of Promoter.

I/We confirm that I/we am/are not a Qualified Institutional Buyer.

I/We confirm that I/we am/are not a Non-Institutional Bidder.

I/We confirm that I/we am/are not a Retail Individual Bidder.

I/We confirm that I/we am/are not a Non-Resident.

I/We confirm that I/we am/are not a Mutual Fund.

I/We confirm that I/we am/are not a Banking Company registered with the Reserve Bank of India.

I/We confirm that I/we am/are not a Foreign Venture Capital Investor.

I/We confirm that I/we am/are not a Non-Resident Indian.

I/We confirm that I/we am/are not a Venture Capital Fund.

I/We confirm that I/we am/are not a Foreign Institutional Investor.

I/We confirm that I/we am/are not a Insurance Company registered with Insurance Regulatory and Development Authority.

I/We confirm that I/we am/are not a Provident Fund with minimum corpus of Rs. 25 crores.

I/We confirm that I/we am/are not a Pension Fund with minimum corpus of Rs. 25 crores.

I/We confirm that I/we am/are not a Multilateral and Bilateral Development Financial Institution.

I/We confirm that I/we am/are not a State Industrial Development Corporation.

I/We confirm that I/we am/are not a Trust registered under the Societies Registration Act, 1860 or a Co-operative Bank.

I/We confirm that I/we am/are not a Scheduled Commercial Bank.

I/We confirm that I/we am/are not a Qualified Foreign Investor.

I/We confirm that I/we am/are not a Foreign Portfolio Investor.

I/We confirm that I/we am/are not a Category III Foreign Portfolio Investor.

I/We confirm that I/we am/are not a Sub-Account.

I/We confirm that I/we am/are not a Foreign Corporate or Foreign Individual.

I/We confirm that I/we am/are not a Foreign Nationals.

I/We confirm that I/we am/are not a Overseas Corporate Body.

I/We confirm that I/we am/are not a Non-Resident Ordinary.

I/We confirm that I/we am/are not a Foreign National.

I/We confirm that I/we am/are not a Person of Indian Origin.

I/We confirm that I/we am/are not a Others.

I/We confirm that I/we am/are not a Applicant.

I/We confirm that I/we am/are not a Applicant.

I/We confirm that I/we am/are not a Applicant

HSC.co.in Industries Limited
S/59, Zoom Plaza, Mumbai
Tele: 80808 10080
Email: hsc.co.in@gmail.com

Ref.: D 34/2016
Mr. Kunal. Patil
F/24, Mumbai,
Karve Road, Mumbai - 1

Date: 07/02/2023

Sub: Allotment of Shares

Dear Sir,

This is to inform you that your application NO. 341555 dated 07.02.2023 was considered at the board meeting, held on 26.01.2023 . As per the Board Resolution No. 0053 details of allotment of equity shares are given below:

1	2	3	4	5
No. of Shares applied	No. of Shares allotted	Distinctive number of shares	Amount received as application money	Amount due on allotment
600	600	1001 - 1600	Rs. 1000	Rs. 1600

You are hereby requested to pay the aforesaid amount due on allotment mentioned in column 5 to our Company's Bankers Viz Bank of Baroda at any of its branches. Please make it convenient to pay the allotment money on or before . Dully signed and executed share certificate shall be exchanged against this letter of allotment and allotment receipt.

Thanking you.

Seal of the Company

Yours Faithfully,
For HSC Industrial Ltd
Sd/-
Secretary

SHARE TRANSFER FORM

(Pursuant to section 108 (1A) of the Companies Act, 1956)

Date of presentation to the Prescribed Authority

FOR THE CONSIDERATION stated below the "Transferor(s)" named do hereby transfer to the "Transferee(s)" named the securities specified below subject to the conditions on which the said shares are now held by the Transferor(s) and Transferee(s) do hereby agree to accept and hold the said shares subject to the conditions aforesaid.

FULL NAME OF COMPANY	NAME OF THE RECOGNISED STOCK EXCHANGE WHERE DEALT IN, IF ANY
VELAN COMPANY	BSC

DESCRIPTION OF EQUITY/PREFERENCE SHARES			Consideration (in words)
No. in Figures	Number in words	Consideration (in figures)	
60000/-	SIXTY THOUSAND ONLY	60000/-	SIXTY THOUSAND ONLY

Distinctive Numbers	From	2100				
	To	2200				
Corresponding Certificate Nos.						

TRANSFEROR(S) (SELLER(S)) PARTICULARS

Name(s) in Full — Regd. Folio No. A - SWETHA

1. A. Swetha
2.
3.
4.

Signature(s)

ATTESTATION

I Hereby attest the Signature of the Transferor(s) herein mentioned

Signature

Name

Address/Seal

* Please see overleaf instructions

Signature of Witness: HEMA

Name & Address of Witness: HEMA. Velan 12, Pallipalayam.

Pin

TRANSFEREE(S) (BUYER(S)) PARTICULARS

Name(s) in Full

1. SADHANA
2.
3.

Signature(s)

	OCCUPATION	ADDRESS	FATHER'S/HUSBAND'S NAME
1.	BUSINESS	101. PALLIPALAYAM	
2.			
3.			

Transferee(s) existing Folio if any, in same Order of Names

Value of Stamps affixed — Rs.

DATED this 08 day of FEBURARY Two Thousand 23 PLACE SALEM

For office use only

Checked by

Signature tallied by

Entered in Register of Transfer on

Folio

Company Code

Specimen Signature(s) of Transferee(s)

1.
2.
3.

To A-SAFFREEN OR BEARER

RUPEES ONE LAKH ONLY Rs. 1,00,000/-

S.B. A/c No. 1420

ICICI Bank
ICICI Bank Limited
VANAVASI Branch
442, Bazaar Street
Vanavasi
SALEM - 636 457

"000128" :0 A Saffreen

DATE 10/02/2023

PAY To PRIYA OR BEARER

RUPEES ONE LAKH FIFTY THOUSAND ONLY Rs. 1,50,000/-

S.B. A/c No. 1420

ICICI Bank
ICICI Bank Limited
VANAVASI Branch
442, Bazaar Street
Vanavasi
SALEM - 636 457

"000128" :0 Priya

DATE 10/02/2023

PAY To NANDHINI OR BEARER

RUPEES THREE LAKH ONLY Rs. 3,00,000/-

S.B. A/c No. 1420

ICICI Bank
ICICI Bank Limited
VANAVASI Branch
442, Bazaar Street
Vanavasi
SALEM - 636 457

"000128" :0 Nandhini

Amount payable only

10/02/2023

PAY To A. ARAVINDHAN

या धारक को OR BEARER

रुपये RUPEES ONE LAKH ONLY

अदा करें

रु. Rs. 1,00,000/-

CD/OD/CC A/c No. 129 | LF | Init.

दि फेडरल बैंक लिमिटेड
THE FEDERAL BANK LIMITED

Br. Tiruchengode (TK),
Namakkal Dt.
Pin: 637 204

AG No. 156077

Not Negotiable

10/02/2023

PAY To A. POOJA

या धारक को OR BEARER

रुपये RUPEES THREE LAKH ONLY

अदा करें

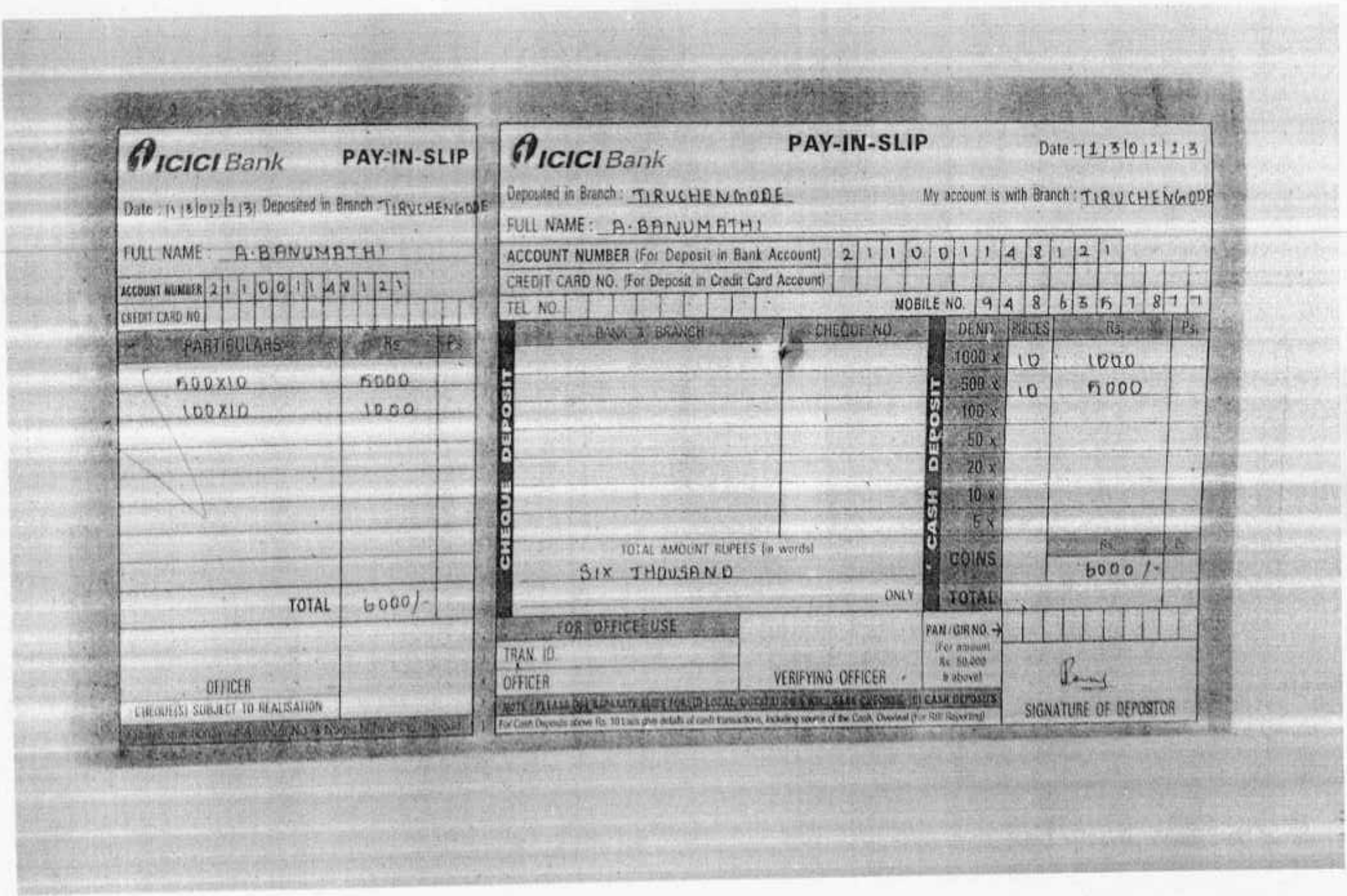
रु. Rs. 3,00,000/-

CD/OD/CC A/c No. 129 | LF | Init.

दि फेडरल बैंक लिमिटेड
THE FEDERAL BANK LIMITED

Br. Tiruchengode (TK),
Namakkal Dt.
Pin: 637 204

AG No. 156076



ICICI Bank PAY-IN-SLIP

Date : 13/02/13 Deposited in Branch TIRUCHENGODE

FULL NAME : A.BANUMATHI

ACCOUNT NUMBER 2 1 1 0 0 1 1 4 8 1 2 1

CREDIT CARD NO.

PARTICULARS	Rs	Ps
500X10	5000	
100X10	1000	
TOTAL	6000/-	

OFFICER

CHEQUE(S) SUBJECT TO REALISATION

ICICI Bank PAY-IN-SLIP Date : 13/02/13

Deposited in Branch : TIRUCHENGODE My account is with Branch : TIRUCHENGODE

FULL NAME : A.BANUMATHI

ACCOUNT NUMBER (For Deposit in Bank Account) 2 1 1 0 0 1 1 4 8 1 2 1

CREDIT CARD NO. (For Deposit in Credit Card Account)

TEL NO. MOBILE NO. 9 4 8 6 3 5 7 8 1 1

CHEQUE DEPOSIT

BANK & BRANCH	CHEQUE NO.

TOTAL AMOUNT RUPEES (in words)

SIX THOUSAND ONLY

CASH DEPOSIT

DENO	NOTES	Rs.	Ps.
1000 x	10	1000	
500 x	10	5000	
100 x			
50 x			
20 x			
10 x			
5 x			
COINS		Rs.	Ps.
TOTAL		6000/-	

FOR OFFICE USE

TRAN. ID.

OFFICER

VERIFYING OFFICER

PAN / GIR NO. → (For amount Rs. 50,000 & above)

SIGNATURE OF DEPOSTOR

NOTE : PLEASE QUOTE PAN / GIR NO. FOR LOCAL OUTSTATION CHEQUE DEPOSIT & CASH DEPOSITS

For Cash Deposits above Rs. 10 Lacs give details of cash transactions, including source of the Cash Deposit (For RBI Reporting)

PAY-IN-SLIP

ICICI Bank ICICI Bank Limited

Date : 13/02/2023 Branch : TIRUCHENGODE

A/C NO. 2 4 1 1 0 8 0 0 0 5 4 5

NAME : A. GOWSHIKA

PARTICULARS	Rs.	Ps.
Cash	2000	
Communication	60	
TOTAL	2060/-	
CHEQUE(S) SUBJECT TO REALISATION		

AM

PAY-IN SLIP

ICICI Bank ICICI Bank Limited

Date : 13/02/2023

APPLICATION FOR DRAFT ☑ BANKER'S CHEQUE ☐ FUND TRANSFER ☐ Branch : TIRUCHENGODE

BENEFICIARY'S NAME(S) WITH A/c. No. IF AVAILABLE

To registrar of Periyar University
Payable at Salem

Payable at Bank ICICI

Branch TIRUCHENGODE Code No.:

AMOUNT		EXCHANGE		P&T		Total	
Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
2000		60		-		2060/-	

Deposit Detail's	Rs.	Ps
2000 x 1	2000	
TOTAL	2000/-	

* THE BANK SHALL NOT BE LIABLE FOR ANY LOSS/DAMAGE ARISING FROM DELAY/ERROR IN TRANSMISSION AND NON-DELIVERY OF THE MESSAGE

APPLICANT'S NAME AND ADDRESS A. GOWSHIKA, 351- SPB COLONY, NAMAKAL

SIGNATURE

RECEIVED DRAFT/BANKER'S CHEQUE

APPLICANT'S SIGNATURE

FOR OFFICE USE

Trans. ID. | DD No. | AM | Auth. Sign.

ICICI Bank Limited

NOT ABOVE Rs.1,00,000/-

SALEM
(Issuing Branch)

DATE 13/02/2013

ON DEMAND PAY To Registar of the Periyar University Salem

OR ORDER

RUPEES Two Thousand Only

Rs. 2 0 0 0 /-

ICICI Bank

FOR VALUE RECEIVED

ICICI Bank Limited

For ICICI BANK LIMITED

SALEM
(Drawee Branch)

A. Alby
Authorised Signatory/ies

000229000

16

भारतीय स्टेट बैंक
State Bank of India
बचत खाता पास बुक
SAVINGS BANK PASS BOOK

नाम Name: Anabi

पता Address: 511, colony, Namakkal

व्यवसाय Occupation: Student

पास बुक क्र. Pass Book No: 9876543211

खाता-बही क्रमांक Ledger No: 00111

खाता क्रमांक Account No: 9876543211

शाखा प्रबंधक
BRANCH MANAGER

दिनांक DATE	विवरण PARTICULARS	चेक क्र. CHEQUE NO.	आहरित राशि AMOUNT WITHDRAWN	जमा की गई राशि AMOUNT DEPOSITED	खाता शेष BALANCE	संक्षिप्त हस्ताक्षर INITIALS
21/01/20	To Cash	-	-	10000	10000	Anabi
24/01/20	To Cheque	123456	-	4000	14000	Anabi
27/01/20	By cheque	64645	5000	-	9000	Anabi
28/01/20	By Bank Charge	-	250	-	8750	Anabi
29/01/20	To Cheque	64646	-	1400	10150	Anabi
30/01/20	To Cheque	45452	-	25000	35150	Anabi
02/02/20	To Cash	-	-	25000	58150	Anabi
05/02/20	By Cheque	64647	5300	-	52850	Anabi
10/02/20	By Cash	-	4000	-	48850	Anabi

SBI State Bank of India

ACCOUNT OPENING FORM FOR RESIDENT INDIVIDUALS (PART-I)
CUSTOMER INFORMATION SHEET (CIF Creation/Amendment)

(Fields marked with (*) are mandatory)

Date: 16/02/2023

Please fill up in BLOCK letters only and use black ink for signature

(For office use only)
Applicant CIF no.:

Account No.: 18480111001215111

Branch to affix rubber stamp of Name and Code No.

Application Type: ☑ New ☐ Update

CKYC number: (Mandatory for CKYC update)

☐ I do not have any account with SBI ☐ I have an account with SBI & the account number is:

1. Personal Details*

Please refer instructions (A&B) at

Customer Type: ☑ Public ☐ Staff ☐ Senior Citizen Residential Status* ☑ Resident Individual ☐ Non Resident Indian ☐ Foreign National ☐ Person of Indian Origin/Overseas Citizen

Name* (Same as ID proof): Prefix

Maiden name* (If Any): Prefix

Date of Birth*: 08/12/2001 Gender* ☐ M-Male ☐ F-Female ☑ Others/Transgender Marital Status* ☐ Married ☑ Unmarried ☐ Others

Aadhaar No*: (Issued by the Unique Identification Authority of India)
OR
Aadhaar Enrolment No.:

Name of Father*: Prefix RARUMUGAM

Name of Spouse: Prefix

Name of Mother*: Prefix BANUMATHI

Guardian's Name (In case of Minor)*:

Nationality* ☑ IN – Indian ☐ Others Country Name:

Citizenship* ☑ IN – Indian ☐ Others Country Name:

Occupation Type* ☐ S-Service ☐ Private Sector Service ☐ Public Sector ☐ Government Sector
☐ O-Others ☐ Professional ☐ Self employed ☐ Retired ☐ House Wife ☑ Student
☑ B-Business ☐ X – Not categorised – Please specify

ISO 3166 Country Code of Country of Tax Residence* IN (Code for India is IN)

Country Of Tax Residence In India Only And Not In Any Other Country Or Territory Outside India* ☑ Yes ☐ No
(If No please fill the details in column 8 or 9 in p

PAN* / Tax Identification Number or equivalent (If issued by jurisdiction)
(Please refer instructions (F) at the end)

OR Form 60 Submitted (as defined in Income Tax Rules, 1962) ☐

Place / City of Birth*: Salem Country of Birth*: India

2. Identification type & ID details* (Documents acceptable as Proof of Identity/Proof of Address Please tick the appropriate box (any one ID type) and give det

Please refer instructions (C) at t

☐ A – PASSPORT ☐ B – VOTER'S IDENTITY CARD ☐ C – DRIVING LICENCE ☐ D – NREGA JOB CARD
☐ E – Letter issued by National Population Register containing details of Name & Address ☐ F – OTHERS (Any document notified by the Central Government/RBI) (Please Specify)

Document No / Identification Number*:

Issued by*: Issue date:*

Issued at*: Expiry Date (If applicable):*

3. Proof of Address [illegible]

Please refer instructions (D) at the

Address Type* ☑ Residential / Business ☐ Residential ☐ Business ☐ Registered Office ☐ Unspecified

Proof of Address* ☐ Passport ☐ Driving Licence ☑ Voter ID Card ☐ NREGA Job Card ☐ Letter issued by National Population Register containing details of name & address ☐ Others

Address*: 5 18 COLONY
TIRUCHENGODE

City/Village*: TIRUCHENGODE District*: SALEM

State*: TAMILNADU PIN*: 638110

Country Name*: INDIA

Please attach one self-attested photocopy of the document. Originals shipped will have to be produced for verifica

Address*: A18 COLONY

City/Village*: TIRUCHENGODE | District*: SALEM

State*: TAMILNADU | PIN*: 638110

Country Name*: INDIA

5. Contact Details

Tel (Off): | Tel (Res): | Mobile No: 91-9A8635?87?

Fax: | Alternate Mobile No: 91-8248?92221 | Email ID:

6. Additional Details

Monthly Income* Rs. | Net Worth (approx value) Rs.

Religion: ☑ Hindu ☐ Muslim ☐ Christian ☐ Sikh ☐ Others

Category: ☑ General ☐ OBC ☐ SC ☐ ST

Educational Qualification: ☐ Below SSC ☐ SSC ☐ HSC ☑ Graduate ☐ Post Graduate ☐ Professional

Occupation's Name: | Designation/Profession: | Nature of Business

Please Tick the Applicable box*: ☐ Politically Exposed Person ☐ Related to Politically Exposed Person ☐ None

7. Details of Related Person (Fill the details in form B for each additional Related Person)

☐ Addition of Related Person ☐ Deletion of Related Person ☐ KYC Number of Related Person (If available)*

Related Person type* (in case of minor) ☐ Guardian of Minor | Related Person type* ☐ Assignee ☐ Authorised Representative

Name*: Prefix | RITHANISHA M

(If KYC Number and name are Provided, below details are optional)

PROOF OF IDENTITY (POI) OF RELATED PERSON*

☐ A - PASSPORT ☑ B - VOTER'S IDENTITY CARD ☐ C - PAN CARD ☐ D - DRIVING LICENCE

☐ F - NREGA JOB CARD ☐ Z - OTHERS (Any document notified by the Central Government/UT/S)

Document No / Identification Number*:

Issued by:*

Issued at:* | Issue date:*

Remarks | Expiry Date (If applicable):*

8. Multiple Tax Residency: Details of Country of Tax Residence in India, and/or in USA & And/or To any other Country or Territ... India as Under:

Country of tax residence*	Tax Identification Number or equivalent if issued by jurisdiction	Identification type (TIN or other, please specify)

#In case, country of tax residence is India, PAN is treated as TIN.

@ • A citizen of US including individual born in US but resident in another country (who has not given up US citizenship).
• A person residing in US including US green card holder.
• Certain persons who spend more than 180 days in US each year.

9. Address in the Jurisdiction Country - Where the Applicant is Resident outside India for Tax Purposes

Same as ☐ Overseas Address

Address*: A18 COLONY

City/Village*: TIRUCHENGODE | District*: SALEM

Sub-District: TAMILNADU

Country Name*: INDIA | State*: 638110

ZIP/ Post Code:

<< >>

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10 Form - 60

Name* (Same as ID proof) Prefix MS. KANISHKA

If applied for PAN and it is not yet generated, enter date of application [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] Or the acknowledgement number [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

If PAN not applied, fill estimated total income (including income of spouse, minor child, etc.) as per section 64 of Income Tax Act 1961 for the financial year in which the above transaction

Agricultural income (₹) [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

Other than Agricultural income (₹) [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

Verification

I KANISHKA do hereby declare that what is stated above is true to the best of my knowledge and belief. I further declare I do not have a permanent account number and my/our estimated total income (including income of spouse, minor child, etc.) as per section 64 of Income Tax Act 1961 computed in accordance with the provisions of Income Tax Act 1961 for the financial year in which the above transaction is held will be less than maximum amount not chargeable to tax.

Verified today, the Monday day of 15/02/2023

Place SALEM

(Signature of the declarant)

11 FOR OFFICE USE/ATTESTATION

Documents verified: ☐ Self certified ☐ True copies ☐ Notary

Whether self certification/ documents received as part of account opening process have been verified and found correct. YES/NO (Branch to proceed with account opening only when certification is (

Certified that the explications and conditions for the operation of the account have been explained to the depositor (only in case of illiterate applicant)

Depositor is: ☐ Illiterate ☐ Blind ☐ Staff [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

Details of one or two identification marks, if any, such as a mole or scar (mandatory for illiterate applicant)

Risk category* : ☐ High ☐ Medium ☐ Low

[redacted]

12 Instructions

A. Personal details

1. Name: please state the name with prefix (Mr/Mrs/Ms/Dr etc). the name should match the name mentioned in the Proof Of Identity.

B. Clarification/guidelines on filling TIN and Details of Multiple Tax Residency:

1. TIN is not required if jurisdiction of residence for Tax purpose is India only. In such cases, either PAN or Form 60 need to be furnished.
2. In case if an Individual is a resident in more than one jurisdiction for tax purpose, then the details for capturing multiple tax residency needs to be furnished in section 8 & 9.

C. Clarification on filling Proof of Identity Section:

1. Expiry date is mandatory for Passport and Driving License.

D. Clarification on Proof of Address: (Deemed OVDs)

1. In case of Aadhaar / Officially Valid Document furnished by the client does not contain updated address, the following documents shall be deemed to be officially valid documents for the limited purpose of proof of address.

Document code	Description
01	Utility bill which is not more than two months old of any service provider (electricity, telephone, post-paid mobile phone, piped gas, water bill)
02	Property or Municipal tax receipt
03	Pension or Family Pension payment orders (PPOs) issued to retired employees by Government Departments or Public Sector Undertakings, if they contain the address
04	Letter of allotment of accommodation from employer issued by State or Central Government departments, statutory or regulatory bodies Public sector undertakings, scheduled commercial banks, financial institutions and listed companies. Similarly, leave and license agreements with such employers allotting official accomodation.

Provided the client shall submit Aadhaar / Officially Valid Documents with current address within a period of 3 months of submitting the above documents.

E. Clarification on contact details

1. Please mention two digits country code and ten digits mobile number.
2. Do not add zero in the begining of the mobile number.

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...TION:

1. I confirm and declare that I have read over and understood the rules and regulations of the State Bank of India ("Bank") and those relating to the Bank (including but not limiting to debit card/internet banking/SMS banking/Tele-Banking/Mobile Banking/Virtual Banking and ... to abide by the same as amended/modified from time to time by the Bank/Regulator/Government published through circulars/ brochures/banner/paper publications, etc. I waive the rights, if any, to have personal notice in respect of such amendments/ modifications. transactions and requests executed in my account(s) through internet, mobile, tele- banking or virtual banking under my User ID and ... legally binding on me as I am responsible for the maintenance of secrecy and confidentiality of the authentication ... information/details/OTP/PIN, etc., in such matters. I agree that Bank has got all the rights to debit my account for any service charge, ... the Bank is entitled/liable to recover from me. I also authorise the Bank and agree to close/discontinue my account without any notice to me ... inform the Bank on any change in my communication address or constitution, and I shall submit the address proof in case of transfer of my ... to another branch.
2. In respect of accounts opened on the basis of Aadhaar details, I hereby declare that I have submitted the Aadhaar Card issued by UIDAI for ... address proof towards the compliance of KYC norms under the PMLA, 2002 and I hereby agree that the Bank may verify the same with the UIDAI ... UIDAI expressly to release the identity and address through biometric authentication to the Bank.
3. I confirm and declare that I am not prevented/prohibited/restricted by any applicable legal/regulatory/contractual or other provisions ... maintaining the accounts or to transact with the Bank in any other way.
4. I agree that my personal KYC details may be shared with Central KYC registry or any other competent authority. I hereby consent to receive ... Bank, Central KYC Registry, GoI/RBI or any other authority through SMS/e-mail on my registered mobile number/ e-mail address. I also agree ... of any such SMS/e-mail shall not make the Bank liable for any loss or damage whatsoever in nature.
5. I hereby certify that I have declared my status as per the rules applicable under section 285BA of the Income Tax Act, 1961 as notified by Central ... (CBDT) vide Notification No. S.O. 2155(E) dated 7 August 2015 and RBI Circular Ref No. DBR.AML.BC.No.36/14.01.001/2015-16 dated 28 August ... including any subsequent modification/amendment thereof.
6. I understand, acknowledge and authorize that as per the provisions of Income Tax Act, Rules made thereunder and the guidelines issued by the ... this matter, depending upon the residential status and/or other criteria stipulated therein, the Bank may have to report the details in respect of my ... the prescribed format to the Central Board of Direct Taxes (CBDT) or other Government Agencies to comply with the obligations as per the ... Agreements (IGA) in respect of Foreign Accounts Tax Compliance Act (FATCA) and Common Reporting Standards (CRS) and / or any other ...
7. I certify to declare that the information provided by me for opening loan account and availing other services herein or through website/electronic ... to me and signed/authenticated by me as well as in the documentary evidence provided by me for opening loan account and availing other services ... my knowledge and belief, true, correct and complete and that I have not withheld any material information that may affect the assessment of ... account as a U.S. Reportable Account or Other Reportable Account or otherwise. In case any of the information or details provided by me ... untrue or misleading or misrepresenting, I am aware that I may be held liable for it.
8. I undertake the responsibility to declare and disclose immediately and in no case beyond 30 days from the date of change, any changes that ... information provided herein/or otherwise, as well as in the documentary evidence provided by me or if any certification becomes incorrect or ... further undertake to provide fresh and valid self-certification along with documentary evidence as and when so required; nevertheless ... undertaking given herein will also be applicable to all such modified/amended documents/information provided by me unless revised self-certification ... provided to the Bank.
9. I also agree that my failure to disclose any material fact/information known to me now or in future or my failure to remedy ... documents/information/other details within the stipulated period, may invalidate me from transacting in the account and the Bank would be within ... restrictions in the operations of my account or to close it or to report to any regulator and/or any authority designated by the Government of India ... and purpose or take any other action as may be deemed appropriate by the Bank under the guidelines issued by CBDT/RBI/GoI from time to time.
10. I also agree to furnish and intimate to the Bank any other particulars that are called upon me to provide on account of any change in law either in ... the above matter or otherwise.
11. I shall indemnify the Bank from any loss/damage that may be caused to the Bank on account of any defect/mistake in the details provided herein ... providing incorrect or incomplete information by me.
12. I undertake to submit data/information together with fresh KYC documents for updation of KYC details at periodical intervals as may be required ...
13. I understand that the account will be activated and debits will be allowed only after completion of Customer Due Diligence relating to KYC by the ...
14. I undertake to submit Aadhaar and / or PAN within 6 months from the date of opening of account, failing which I understand my account will cease ... as per GOI guidelines, amending Prevention of Money -laundering (Maintenance of Records) Rules 2005. (In case the account is opened without ...
15. In case deemed OVDs are submitted for Current Address at the time of Account opening, I undertake to submit Aadhaar or any of the OVD having ... within 3 months from the date of account opening, failing which I understand that my account may cease to be operational as per GOI guidelines ...

PHOTO*

Please Paste a Recent Passport size Photograph inside this box

(Do not Staple)

Kamir Ishq

[redacted]

FINAL

S A L E M

DATE

D M Y Y

<<<< >>>>

SBI State Bank of India

(Fields marked astrisk (*) are mandatory)

ACCOUNT OPENING FORM FOR RESIDENT INDIVIDUALS (PART-II)
(SAVINGS BANK AND CURRENT ACCOUNT)
ACCOUNT DETAILS

Date: 1 5 0 2 2 0 2 3

Please fill up in BLOCK letters only and use black ink for signature.

(For office use only)
First - Applicant CIF No.
Second - Applicant CIF No.

Branch to affix rubber stamp of Name and Code No.

Account No. 1 8 4 3 0 1 1 0 1 1 2 2 6 8

Welcome Kit No.

Customer Segment: ☐ Salaried ☐ Others

I/we hereby give my/our consent to be part of Customer Segmentation as per Banks Terms & Conditions ☐ Yes ☐ No

☐ Silver ☐ Gold ☐ Diamond ☐ Platinum

Type of Account

☐ SAVING ACCOUNT ☐ CURRENT ACCOUNT ☐ RSBD ☐ Other (please specify) _____

☐ Savings Accounts for Minors (Regular) ☐ PEHLA KADAM (for Minors of any age) ☐ PEHLI UDAAN (for Minors older than 10 years)

Mode of Operation

☐ Self only ☐ Either or Survivor ☐ Former or Survivor ☐ Any one or Survivor ☐ Jointly ☐ Other _____

Services Required

1. ATM-CUM-DEBIT CARD:

1st Applicant	☐ YES	☐ NO
2nd Applicant	☐ YES	☑ NO

Name as would appear on the card: K A N I S H K A

#We understand that use of International Debit Card is subject to applicable Foreign Exchange Management Act (FEMA) guidelines issued by the Reserve Bank of India from time to time

Please mention any other account desired to be linked:

Account type	1 2 5 [illegible] 0 5 1 1	R A M Y A [illegible]
Account type	1 2 5 [illegible] 0 5 1 1	R A M Y A [illegible]

2. CHEQUE BOOK: (Only for Regular SB Accounts) ☐ YES ☐ NO
(Not available for RSBD account applicants)

3. INTERNET BANKING: (INB) Transaction rights required (First Applicant) ☐ YES ☑ No 2nd applicant ☐ YES ☐ No

4. SMS ALERTS (Charges applicable) SMS Alerts on Registered mobile Number ☑ YES ☐ NO

5. MOBILE BANKING: Mobile Banking Services to be enabled on Registered Mobile Number ☐ YES ☑ NO

Please SMS MBSREG to 9223440000 (from the mobile no. mentioned in Part I) to generate UserId/Pwd

6. PHONE BANKING SERVICES: ☐ Yes ☑ No

7. Registration for SBI Buddy required: ☐ Yes ☑ No

8. PASSBOOK REQUIRED (For Savings Bank Account): ☑ Yes ☐ No

9. STATEMENT FREQUENCY: ☐ Monthly ☐ Quarterly ☐ Half-yearly

e-Statement, in lieu of paper copy, to be sent to e-mail id as mentioned in Part-I: ☐ Required ☑ Not required

(Mobile number is mandatory for services from 2 to 7)

I/we do not want to nominate any person in this account

(Signature of the Applicant / Thumb impression of the Applicant/Applicants)

Form B (vi) (Nomination Only)

Nomination under section 45ZA of the Banking Regulation Act, 1949 and Rules 1985 in respect of Bank Deposits

I/we KANISHKA nominate the following person to whom in the event of my/our/minor's death the amount of Deposit, particulars where in are given below, may be returned by State Bank Of India

(Name and address of branch/office in which the deposit held.)

☐ I/we want the name of the nominee to be printed on the passbook

Particulars of Deposit

Type of Deposit: SAVINGS Account Number:

Particulars of the Nominee

Name: KANISHKA

Relationship with the Depositor..... Age .....Years Date of Birth of nominee in case of minor

Address: A18 COLONY

City/Village: SALEM PIN 636110 State: TAMILNADU

As the nominee is a minor on this date, I/we appoint Shri/Smt/Kum..... Age .....Years
Address.....
to receive the amount of deposit on behalf of the nominee in the event of my/our/minor's death during the minority of the nominee

Kanishka

Signature / Thumb impression of the Applicant/Applicants

Signature/Thumb impression of first witness
Name: KANISHKA
Address: A18, COLONY, PALLIPALAYAM

Signature/Thumb impression of second witness
Name:
Address:

(Witnesses are required only in case of applicant is illiterate and is affixing thumb impression)

Date: 16022023 Place: Salem

Aadhaar / Mobile Seeding in Bank Accounts

I, the holder of Aadhaar number 4621 4921 3211, hereby submit my Aadhaar number and voluntarily give my consent to the State Bank of India to:-

- Map it at NPCI to enable me to receive Direct Benefit Transfer (DBT) from GoI in this Account. ☐ Yes ☐ No
  I understand that if more than one benefit transfers is due to me, I will receive all Benefit transfers in this Account.
- Use my mobile number mentioned above for sending SMS alerts to me. ☐ Yes ☐ No

I have been given to understand that my information submitted to the bank herewith shall not be used for any purpose other than mentioned above or as per requirements of law.

Kanishka

Signature / Thumb impression of the
(Sole / First account holder)

DECLARATION CUM UNDERTAKING CUM SELF-CERTIFICATION

1. I/We have received the Welcome Kit containing INB Kit and ATM card/Cheque book and understand that in case of any misuse / misplacement of the contents of the the Bank will not be liable for any loss/damage.
2. I/We hereby certify that the Savings Bank Account would be used by me/us to route transactions of only non-business/ non-commercial nature. In the event of occurr of such transactions or any such transactions that may be construed as commercial/ business/ dubious or undesirable, the Bank reserves the right to unilaterally fr operations in such accounts and/or close the account.
3. I/We have been advised of Monthly Average balance requirement for the account to be opened and given to understand that these requirements are subjec revision/change and such revision/changes will be uploaded in the Bank's site which will be acceptable to me as a notice to that effect.
4. I confirm that the product features of BSBD account have been explained to me/us (applicable to BSBD account applicant/applicants)
5. I/We acknowledge receipt of rules and regulation of Savings Bank account.
6. I/We have been advised that if I/We do not provide my/our mobile number, I/We will not be eligible for any facility of electronic transactions other than ATM withdrawals.
7. (Applicable for accounts opened for credit of Social Welfare Benefits)
   I / We understand that this account will be opened under BSBD category. I /We also understand that in case, I /We do not wish to continue in this BSBD account, switch over to Regular Savings Bank account, I /We will have to maintain the Monthly Average Balance (MAB) applicable for Regular Savings Bank Account. I there undertake to maintain MAB in the account if I /We switch over to Regular Savings Bank account from BSBD.
8. Applicable for accounts opened in the name of Minors
   I understand that the requirement of Monthly Average Balance (MAB) and penalty for non-maintenance will be applicable in this account once the applicant beco Major. I therefore undertake to maintain (MAB) from the date of attaining majority.

Place: Salem
Date: 15/02/2023

Signature / Thumb impression of the Applicant/Applicat

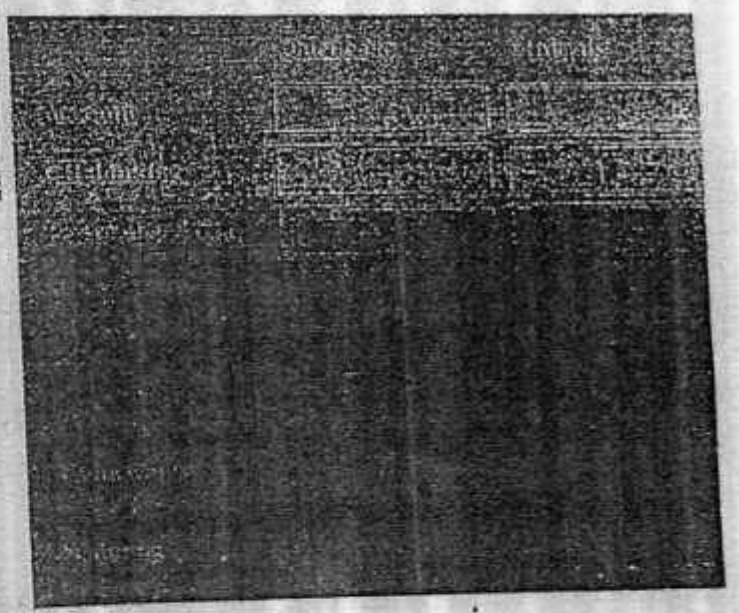
Auto-sweep

Threshold Amount: Rs. [ ] @ Min.: Rs.25,000/-

Sweep time: _____ day (example Monday, Tuesday) of every week OR _____ (example 1st,2nd) of every month beginning on [ ]

Under reverse sweep facility for breaking the MOD, the MOD to be broken by: [ ] Last in first out [ ] First in first out





i) Internet Banking (INB) Kit No. _____ _____

ii) INB Viewing [ ] Transaction [ ] rights given on: [ ]

iii) Mobile Banking MPIN given on: [ ]

iv) ATM Card data transmitted on: [ ]

v) Nomination Serial no.: [ ]

vi) Threshold (KYC) limit: [ ]

vii) Phone Banking [ ]

ACKNOWLEDGEMENT-DATA

We acknowledge receipt of nomination made by you in favour of

Name of the Nominee KANISHKA Dt 21 Mar 2023 Date 16/09/2023

With respect to your Account Number

Times (in Words)

Signature of Bank / Branch with Seal

SAVINGS BANK RULES (ABRIDGED)

Know Your Customer Guidelines
Any person fulfilling account opening requirements may, upon agreeing to comply with the prescribed rules, open a Savings Bank Account, provided she/he furnishes proof of identity and proof of address as required by the Bank. (Rule No. 1)

Nomination & Survivorship Facility
The nomination facility is available on Savings Bank Accounts and the account holders are advised to avail of this facility for smooth settlement of claims by legal heirs in unfortunate circumstances. Nomination can be made in favour of only one nominee. In case they do not wish to make a nomination, the fact should be recorded on the account opening form under their full signature. Joint accounts with survivorship benefit can be operated by the survivor, in such circumstances. (Rule Nos. 10, 7)

Types Of Accounts, Balance Stipulation & Service Charges
The applicants can open an account either with chequebook facility or without chequebook. The current monthly average balances prescribed for SB accounts and the charges prescribed for non-maintenance of minimum balance, are available at the Banks website bank.sbi and Contact Centre. The information can also be obtained from Branches. There is no ceiling on maximum balance in Savings Bank account, except for Minors account. (Rule Nos. 11, 12).

Minors Accounts
Minors who can affixe to uniform signature and are not less than ten years old can open accounts in their single name and maintain therein a maximum balance of Rs. 1,00,000/- (Rs. One lac only). Minors may open joint accounts with their guardians. (Rule No. 5)

How To Open An Account?
In ordinary course, applicant(s) should attend the Bank personally for completion of formalities for opening the account. They will duly fill in and sign the prescribed application form. Applicant(s) should submit KYC documents, declaration as applicable for KRA/CBDT and two copies of his/ her/ their recently taken passport size photographs. Applicants can also apply for opening an account online. Account holders signatures must be legible and well formed. Signatures should not be in capital or block letters. Each account will be given a distinctive account number. While dealing with the Bank, this number should be invariably quoted by the account holder(s). The account holders, in their self-interest, are expected to adhere to uniform signature as per specimen recorded with the Bank while opening the account and addressing any correspondence to the Bank. (Rule Nos. 7, 8, 9, 13)

Pass Book
The pass book and cheque book supplied to the account holder should be kept in a safe place. The Bank will not be responsible for any loss or incorrect payment attributable to the account holders neglect in this regard. (Rule Nos. 18, 20). For withdrawing cash by means of a withdrawal form, the pass book must be presented. Withdrawals using cheque forms and Debit card can be effected without pass book. Deposits may be made without production of the pass book. (Rule No. 15) Pass book should be got updated regularly. The pass book will be returned to the accountholder immediately after completion of the transaction duly updated. In case it is not collected within a weeks time, it will be returned to them by Registered A.D. post/ Courier at their cost. (Rule No. 16) The account holders should carefully examine the entries in their pass books and draw the Banks attention to errors or omissions, if any. (Rule No. 17)
Duplicate in lieu of the lost or mutilated pass book may be issued on receipt of a written request from the account holder after necessary enquiries, completion of formalities and recovery of prescribed charges. The current charges prescribed for this are available at the Banks website bank.sbi and Contact Centre. This information can also be obtained from Branches. (Rule No. 19).

Cheque Book
The Bank will issue the first cheque book after completion of all formalities with regard to opening of the account. No charge will be recovered for issue of first twenty five Multicity Cheque leaves. Thereafter, service charge will be charged to the customer's account. The current charges prescribed for this are available at the Banks website bank.sbi and Contact Centre. This information can also be obtained from Branches. The account holders must use only the cheques from the cheque books issued to them by the Bank. The Bank reserves the right to refuse payment of any cheques drawn otherwise. Ordinarily, Bank will not issue more than one cheque book at a time or before exhausting all or nearly all cheque leaves issued previously. (Rule No. 27) Cheques must be written legibly. (Rule No. 28). Stop payment instructions in respect of cheques issued or lost can be registered with the Bank on payment of a prescribed service charge. The current charges prescribed for this are available at the Banks website bank.sbi This information can also be obtained from Branches. (Rule No. 32)

General
Savings Bank account is essentially a facility to build up savings and hence must not be used as a Current Account. Bank may close an account should it have any reason to believe that the account holder has used his/his account for a purpose for which it is not allowed. (Rule No. 5)

Deposits
Only three cash deposit transactions are allowed free of cost in a month. No restrictions on cash deposit at Non - Home branch. No deposit in cash for less than Rs 100/- will be accepted. Cheques, drafts or other instruments drawn only in favour of the account holder will be accepted for credit of the account. Third party instruments endorsed in favour of the account holder will NOT be accepted. No drawings against accepted instruments will be normally permitted until these are realized. In satisfactorily conducted accounts, immediate credit will be afforded for outstation instruments deposited up to Rs 50000/- which may change from time to time. The normal collection and out of pocket charges will be recovered. The current limit and charges prescribed for this are available at the Banks website bank.sbi and Contact Centre. This information can also be obtained from Branches. Overdue interest will be recovered for instruments subsequently returned unpaid. (Rule Nos. 21, 22, 23)

Withdrawals
The accountholder can withdraw money personally from his/ her ordinary Savings Bank Account by using Banks standard withdrawal form. The pass book must accompany the withdrawal form. The withdrawal form can be used only for receiving payments by the accountholder himself/ herself. ATM cum Debit card can also be used in ATMs for cash withdrawal. The accountholder cannot withdraw an amount less than Rs. 500/-. All withdrawals must be in round Rupees only. Third party payments through withdrawal forms are not permitted. A letter of authority as per the prescribed format, along with the pass book should be sent to the Bank through an authorized representative to receive payment, in case the account holder is unable to attend personally to withdraw cash from her/his account. (Rule Nos. 24, 25, 26) The minimum drawing permitted per cheque form is limited to Rs. 50. (Rule No. 30). The maximum number of free debit entries permitted in an account depends on the AMB in the account or as decided by the Bank from time to time. Charges prescribed for exceeding this limit are available at the Banks website bank.sbi and Contact Centre. This information can also be obtained from Branches. (Rule No. 35) Cash withdrawal can be made from the accounts of the sick, old or incapacitated account holders who are unable to attend the Bank and/or also not able to put their signature or thumb impression for withdrawing cash by completing the laid down formalities. (Rule No. 31)

Overdrafts
Overdrafts in Savings Bank accounts may be permitted under exceptional circumstances with prior arrangements only. Cheques drawn in excess of the balance in the account will be returned unpaid. Service charge will be recovered each time a cheque is returned unpaid for want of sufficient funds. Charges prescribed for this are available at the Banks website bank.sbi and Contact Centre. This information can also be obtained from Branches. (Rule No. 31)

Inoperative Accounts
Account holders are advised to operate their accounts regularly. Accounts not operated are classified as Inoperative after the stipulated time period of 24 months since last operation. The current prescribed charges in this regard are available at the Banks website bank.sbi and Contact Centre. This information can also be obtained from Branches. (Rule Nos. 38, 39)

Standing Instructions
The account holder can request the Bank for effecting periodical payment of insurance premium, membership fees etc, by debit to her/ his account on payment of service charges. The current prescribed charges for Standing Instruction are available at the Banks website bank.sbi This information can also be obtained from Branches. (Rule No. 40)

Payment of Interest
As per RBI guidelines applicable from time to time, Interest will be calculated on a daily product basis. Interest will be credited to the accounts at quarterly intervals. Interest will be paid only if it works out to Re1/- or more. Then after fifty paise and more will be rounded off to the next higher rupee and anything less will be ignored. In case of accounts frozen by the enforcement authorities, Bank shall continue to credit the interest to the account on a regular basis. (Rule Nos. 41, 42)

Transfer & Closure Of Account
Accounts may be transferred between branches of the Bank at the request of the account holder(s). Request for closure of account should state the reason for closure. The pass book must accompany such request. Joint accounts can be closed only at the request of all such joint signatories. Service charge at prescribed rate will be recovered if an account is closed after 14 days upto one year of its opening. The current charges prescribed for this are available at the Banks website bank.sbi This information can also be obtained from Branches. (Rule Nos. 43, 44, 45). Accounts can be transferred ONLINE also.

Change in Rules
The Bank reserves the right to alter, delete or add to any of these Rules and service charges for which the customer will be duly notified through Bank's website bank.sbi and/ or branch notice board. (Rule Nos. 39, 46)

Features of BSBD account:

1. Maximum 4 withdrawals including withdrawals at own ATMs and other Bank's ATMs and other modes including RTGS, NEFT, Clearing, Branch cash withdrawals, Transfer, Internet debits, SI, EMI etc.
2. Only Basic Ilu Pay Card will be issued.
3. Cheque book will not be issued.

STATE BANK OF INDIA,
SME Branch, PALLIPALAYAM.

Account No. Date 15/02/2023

1 8 A 8 0 1 1 0 0 2 2 1 5

FOR THE CREDIT OF
KANISHKA

AMOUNT (in words)
THIRTY THOUSAND ONLY

PARTICULARS	Rs.	Ps.
2000 X10	20000	
500 X20	10000	
Total	30000/-	

CASHIER | CASH OFFICER / PASSING OFFICER

Code No.4681

STATE BANK OF INDIA,
SME Branch, PALLIPALAYAM.
IFSC.: SBIN0003358.

CA / SB / RD / CC / DL / TL / ACCOUNT PAY IN SLIP

NOTE : Please use seperate slips for depositing cash and cheques, drafts etc..

Date 15/02/2023

PARTICULARS	Rs.	Ps.
2000X10	20000	
500X20	10000	
Total	30000/-	

FOR THE CREDIT OF THE ACCOUNT OF (Name) KANISHKA

* INSTALMENT FOR ACCOUNT NUMBER

1 8 A 8 0 1 1 0 0 2 2 1 5

AMOUNT (in words) RUPEES THIRTY THOUSAND ONLY

Rs. 30000/- Ps.

CASHIER'S / SCROLL No.	CASHIER	CASH OFFICER / PASSING OFFICER	JOTTING BOOK	PARTITION No.

DEPOSITED BY (Signature) Kanish

Cell No. 9 4 8 6 3 5 7 8 7 7

Code No.4681 * IF APPLICABLE

SBI State Bank of India

ACCOUNT OPENING FORM FOR RESIDENT INDIVIDUALS (PART-I)
CUSTOMER INFORMATION SHEET (CIF Creation/Amendment)

Date 16/02/2023

(Fields marked asterix (*) are mandatory)

Please fill up in BLOCK letters only and use black ink for signature

(For office use only)
Applicant CIF No.

Affix recent passport size photograph and sign across the photograph

Account No. 18480110022161

Applicant Type* (KYC) ☑ New ☐ Update CKYC Number (Mandatory for CKYC updates)

☐ I do not have any account with SBI ☐ I have an account with SBI at the account number as

1. Personal Details*

Please refer instructions (A&B) at the end

Customer Type: ☑ Public ☐ Staff ☐ Senior Citizen Residential Status* ☑ Resident Individual ☐ Non Resident Indian ☐ Foreign National ☐ Person of Indian Origin Overseas Citizen

Prefix
Name* (Same as ID proof)

Prefix
Maiden name* (If Any)

Date of Birth* 08/12/2001 Gender* ☐ M-Male ☐ F-Female ☑ Others/ Transgender Marital Status* ☐ Married ☑ Unmarried ☐ Others

Aadhaar No* (Issued by the Unique Identification Authority of India)
OR
Aadhaar Enrolment No.

Prefix
Name of Father* R ARUMUGAM

Prefix
Name of Spouse

Prefix
Name of Mother* A BANUMATHI

Guardian's Name (In case of Minor)*

Nationality* ☑ IN - Indian ☐ Others Country Name

Citizenship* ☑ IN - Indian ☐ Others Country Name

Occupation Type* ☐ S-Service ☐ Private Sector Service ☐ Public Sector ☐ Government Sector
☐ O-Others ☐ Professional ☐ Self employed ☐ Retired ☐ House Wife ☑ Student
☑ B-Business ☐ X - Not categorised - Please specify

ISO 3166 Country Code of Country of Tax Residence* IN (Code for India is IN)

Country Of Tax Residence In India Only And Not In Any Other Country Or Territory Outside India* ☑ Yes ☐ No
(If No please fill the details in column 8 or 9 in p

PAN* / Tax Identification Number or equivalent (If issued by jurisdiction)
(Please refer instruction (I) at the end

OR Form 60 Submitted (as defined in Income Tax Rules, 1962) ☐

Place / City of Birth* Salem Country of Birth* India

2. Identity (Please tick type of ID details the Documents acceptable as Proof of Identity/Proof of Address. Please tick the appropriate box (any one ID type) and give det

☐ A - PASSPORT ☐ B - VOTER'S IDENTITY CARD ☐ C - DRIVING LICENCE ☐ D - NREGA JOB CARD Please refer instructions (C) at t

☐ E - Letter issued by National Population Register containing details of Name & Address ☐ F - OTHERS (Any document notified by the Central Government/RBI) (Please Specify)

Document No / Identification Number*

Issued by*

Issued at*

Issue date*

Expiry Date (If applicable)*

3. Proof of Address (Same as / Correspondence / Local)

Please refer instructions (D) at the

Address Type* ☑ Residential / Business ☐ Residential ☐ Business ☐ Registered Office ☐ Unspecified

Proof of Address* ☐ Passport ☐ Driving Licence ☑ Voter ID Card ☐ NREGA Job Card ☐ Letter issued by National Population Register containing details of name & address ☐ Others

Address* 18 COLONY
THIRUCHENGODE

City/Village* THIRUCHENGODE District* SALEM

State* TAMILNADU PIN* 638110

Country Name* INDIA

Please attach one self-attested photocopy of the document. Originals thereof will have to be produced for verifica

Address* A18COLONY

City/Village* TIRUCHENGODE District* SALEM

State* TAMILNADU PIN* 638110

Country Name* INDIA

5. Contact Details

Please enter

Tel (Off) - Tel (Res) -

Fax - Mobile No. 91-9A8635787

Alternate Mobile No. 91-8248792221 Email ID

6. Additional Details

Monthly Income*Rs. Net Worth (approx value) Rs.

Religion: ☑ Hindu ☐ Muslim ☐ Christian ☐ Sikh ☐ Others

Category: ☑ General ☐ OBC ☐ SC ☐ ST

Educational Qualification: ☐ Below SSC ☐ SSC ☐ HSC ☑ Graduate ☐ Post Graduate ☐ Professional

Occupation's Name: Designation/Profession: Nature of Business

Please Tick the Applicable box*: ☐ Politically Exposed Person ☐ Related to Politically Exposed Person ☐ None

7. Details of Related Person (Fill the details in form 8I for each additional Related Person)

☐ Addition of Related Person ☐ Deletion of Related Person ☐ KYC Number of Related Person (If available)*

Related Person type* (in case of minor) ☐ Guardian of Minor Related Person type* ☐ Assignee ☐ Authorised Representative

Name* Prefix First Name Middle Name Last Name

(If KYC Number and name are Provided, below details are optional)

PROOF OF IDENTITY (POI) OF RELATED PERSON*

☐ A - PASSPORT ☑ B - VOTER'S IDENTITY CARD ☐ C - PAN CARD ☐ D - DRIVING LICENCE ☐

☐ F - NREGA JOB CARD ☐ Z - OTHERS (Any document notified by the Central Government/RBI)

Document No / Identification Number*

Issued by:*

Issued at:* Issue date:*

Remarks Expiry Date (If applicable):*

8. Multiple Tax Residency: Details of Country of Tax Residence in India, and/or in USA@ And/or In any other Country or Territ

India as Under:

Country of tax residence*	Tax Identification Number or equivalent if issued by jurisdiction	Identification type (TIN or other, please specify)

#In case, country of tax residence is India, PAN is treated as TIN.

@ • A citizen of US including individual born in US but resident in another country (who has not given up US citizenship).
• A person residing in US including US green card holder.
• Certain persons who spend more than 180 days in US each year.

9. Address in the Jurisdiction Country - Where the Applicant is Resident not only India for Tax Purposes

Same as ☐ Overseas Address

Address* A18COLONY

City/Village* TIRUCHENGODE

Sub-District TAMILNADU District* SALEM

Country Name* INDIA State* 638110

<< >>

Zip/ Post Code:

10. Form - 60

"Name" (Same as ID proof) Prefix MS. KANISHKA

If applied for PAN and it is not yet generated, enter date of application ____ or the acknowledgement number. ____

If PAN not applied, fill estimated total income (including income of spouse, minor child, etc) as per section 64 of Income Tax Act 1961 for the financial year in which the above transaction is

Agricultural income (₹) ____ Other than Agricultural income (₹) ____

Verification

I, KANISHKA do hereby declare that what is stated above is true to the best of my knowledge and belief. I further declare I do not have a permanent account number and my/our estimated total income (including income of spouse, minor child, etc.) as per section 64 of Income Tax Act 1961 computed in accordance with the provisions of Income Tax Act 1961 for the financia year in which the above transaction is held will be less than maximum amount not chargeable to tax.

Verified today, the Monday day of 15/02/2023

Place: SALEM

(Signature of the declarant)

11. FOR OFFICE USE/ATTESTATION

Document's received: Self certified True copies Notary

Whether self-certification to documents received as part of account opening process have been verified and found correct, YES/NO (Branch to proceed with account opening only when certification is (

Certified that the implications and conditions for the operation of the account have been explained to the depositor (only in case of illiterate applicant)

Depositor is: Illiterate Blind Staff

Details of one or two identification marks, if any, such as a mole or scar (mandatory for illiterate applicant)

Risk category*: High Medium Low

[redacted]

12. Instructions

A. Personal details:

1. Name: please state the name with prefix (Mr/Mrs/Ms/Dr etc), the name should match the name mentioned in the Proof Of Identity.

B. Clarification/guidelines on filling TIN and Details of Multiple Tax Residency:

1. TIN is not required if jurisdiction of residence for Tax purpose is India only. In such cases, either PAN or Form 60 need to be furnished.
2. In case if an Individual is a resident in more than one jurisdiction for tax purpose, then the details for capturing multiple tax residency needs to be furnished in section 8 & 9.

C. Clarification on filling Proof of Identity Section:

1. Expiry date is mandatory for Passport and Driving License.

D. Clarification on Proof of Address: (Deemed OVDs)

1. In case of Aadhaar / Officially Valid Document furnished by the client does not contain updated address, the following documents shall be deemed to be officially valid documents for the limited purpose of proof of address.

Document code	Description
01	Utility bill which is not more than two months old of any service provider (electricity, telephone, post-paid mobile phone, piped gas, water bill)
02	Property or Municipal tax receipt
03	Pension or Family Pension payment orders (PPOs) issued to retired employees by Government Departments or Public Sector Undertakings, if they contain the address.
04	Letter of allotment of accommodation from employer issued by State or Central Government departments, statutory or regulatory bodies Public sector undertakings, scheduled commercial banks, financial institutions and listed companies. Similarly, leave and license agreements with such employers allotting official accomodation.

Provided the client shall submit Aadhaar / Officially Valid Documents with current address within a period of 3 months of submitting the above documents.

E. Clarification on contact details

1. Please mention two digits country code and ten digits mobile number.
2. Do not add zero to the beginning of the mobile number

...ATION:

1. I affirm and declare that I have read over and understood the rules and regulations of the State Bank of India ('Bank') and those relating to ... by the Bank including but not limiting to debit card/internet banking/SMS banking/Tele Banking/Mobile Banking/Virtual Banking and ... to abide by the same as amended/modified from time to time by the Bank/Regulator/Government published through circulars, ... hereof which may be by way of publication, etc. I waive the right, if any, to have personal notice in respect of such amendment(s)/modifications and requests executed in my account(s) through internet, mobile, tele-banking or virtual banking under my User ID and ... legally binding on me as I am responsible for the maintenance of secrecy and confidentiality of the authentication ... such as user-id/password/OTP/PIN, etc., in such matters. I agree that Bank has got all the rights to debit my account for any service charge, ... the Bank is entitled/liable to receive from me. I also authorise the Bank and agree to close/discontinue my account without any notice to me ... inform the Bank of any change in my correspondence address or constitution, and I shall submit the address proof in case of transfer of my ... to another branch.
2. In respect of accounts opened on the basis of Aadhaar details, I hereby declare that I have submitted the Aadhaar Card issued by UIDAI for ... address proof towards the compliance of KYC norms under the PMLA, 2002 and I hereby agree that the Bank may verify the same with the UIDAI. ... UIDAI expressly to release the identity and address through biometric authentication to the Bank.
3. I confirm and declare that I am not prevented/prohibited/restricted by any applicable legal/regulatory/contractual or other provisions ... maintaining the accounts or to transact with the Bank in any other way.
4. I agree that my personal KYC details may be shared with Central KYC registry or any other competent authority. I hereby consent to receive ... Bank/Central KYC Registry, GoI/RBI or any other authority through SMS/e-mail on my registered mobile number/ e-mail address. I also agree ... of any such SMS/e-mail shall not make the Bank liable for any loss or damage whatsoever in nature.
5. I hereby certify that I have declared my status as per the rules applicable under section 285BA of the Income Tax Act, 1961 as notified by Central ... (CBDT) vide Notification No. S.O. 2155(E) dated 7 August 2015 and RBI Circular Ref No. DBR.AML.BC.No.36/14.01.001/2015-16 dated 28 August ... including any subsequent modification/amendment thereof.
6. I understand, acknowledge and authorize that as per the provisions of Income Tax Act, Rules made thereunder and the guidelines issued by the ... the matter, depending upon the residential status and/or other criteria stipulated therein, the Bank may have to report the details in respect of my ... the prescribed format to the Central Board of Direct Taxes (CBDT) or other Government Agencies to comply with the obligations as per the ... Agreements (IGA) in respect of Foreign Accounts Tax Compliance Act (FATCA) and Common Reporting Standards (CRS) and / or any other ...
7. I certify & declare that the information provided by me for opening loan account and availing other services herein or through website/electronic ... to me and signed/authenticated by me as well as in the documentary evidence provided by me for opening loan account and availing other services ... my knowledge and belief, true, correct and complete and that I have not withheld any material information that may affect the assessment of ... account as a U.S. Reportable Account or Other Reportable Account or otherwise. In case any of the information or details provided by me is found ... untrue or misleading or misrepresenting, I am aware that I may be held liable for it.
8. I undertake the responsibility to declare and disclose immediately and in no case beyond 30 days from the date of change, any changes that ... information provided herein/or otherwise, as well as in the documentary evidence provided by me or if any certification becomes incorrect or ... further undertake to provide fresh and valid self-certification along with documentary evidence as and when so required; nevertheless ... undertaking given herein will also be applicable to all such modified/amended documents/information provided by me unless revised self-certification ... provided to the Bank.
9. I also agree that my failure to disclose any material fact/information known to me now or in future or my failure to remedy ... documents/information/other details within the stipulated period, may invalidate me from transacting in the account and the Bank would be within ... restrictions in the operations of my account or to close it or to report to any regulator and/or any authority designated by the Government of India for ... said purpose or take any other action as may be deemed appropriate by the Bank under the guidelines issued by CBDT/RBI/GoI from time to time.
10. I also agree to furnish and intimate to the Bank any other particulars that are called upon me to provide on account of any change in law either in ... the above matter or otherwise.
11. I shall indemnify the Bank from any loss/damage that may be caused to the Bank on account of any defect/mistake in the details provided herein ... providing incorrect or incomplete information by me.
12. I undertake to submit data/information together with fresh KYC documents for updation of KYC details at periodical intervals as may be required ...
13. I understand that the account will be activated and debits will be allowed only after completion of Customer Due Diligence relating to KYC by the ...
14. I undertake to submit Aadhaar and / or PAN within 6 months from the date of opening of account, failing which I understand my account will cease ... as per GOI guidelines, amending Prevention of Money -laundering (Maintenance of Records) Rules 2005. (In case the account is opened without ...
15. In case deemed OVDs are submitted for Current Address at the time of Account opening, I undertake to submit Aadhaar or any of the OVD having ... within 3 months from the date of account opening, failing which I understand that my account may cease to be operational as per GOI guidelines ...

PHOTO*

Please Paste
a Recent Passport size
Photograph inside
this box

(Do not Staple)

Kamir Ishq

[redacted]

Place: S A L E M

Date: [redacted]

<<<< >>>>

SBI State Bank of India

(Fields marked astrisk (*) are mandatory)

ACCOUNT OPENING FORM FOR RESIDENT INDIVIDUALS (PART-II)
(SAVINGS BANK AND CURRENT ACCOUNT)
ACCOUNT DETAILS

Date 1 5 0 2 2 0 1 2

Please fill up in BLOCK letters only and use black ink for signature.

(For office use only)
First - Applicant CIF No
Second -Applicant CIF No

Branch to affix rubber stamp of Name and Code No.

Account No. 1 8 4 8 0 1 1 0 1 1 2 2 5 8 Welcome Kit No.

Customer Segment: ☐ Salaried ☐ Others

I/we hereby give my/our consent to be part of Customer Segmentation as per Banks Terms & Conditions ☐ Yes ☐ No

☐ Silver ☐ Gold ☐ Diamond ☐ Platinum

Type of Account

☐ SAVING ACCOUNT ☐ CURRENT ACCOUNT ☐ BSBD ☐ Other (please specify)

☐ Savings Accounts for Minors (Regular) ☐ PEHLA KADAM (for Minors of any age) ☐ PEHLI UDAAN (for Minors older than 10 years)

Mode of Operation

☐ Self only ☐ Either or Survivor ☐ Former or Survivor ☐ Any one or Survivor ☐ Jointly ☐ Other

Services Required

1. ATM-CUM-DEBIT CARD:

1st Applicant	☐ YES	☐ NO
2nd Applicant	☐ YES	☑ NO

Name as would appear on the card
K A N I S H K A

I/We understand that use of International Debit Card is subject to applicable Foreign Exchange Management Act (FEMA) guidelines issued by the Reserve Bank of India from time to time

Please mention any other account desired to be linked:

Account type	1 2 5 [illegible] 0 0 5 1 1	R A M Y A
Account type	1 2 5 [illegible] 0 0 5 1 1	R A M Y A

2. CHEQUE BOOK: (Only for Regular SB Accounts) ☐ YES ☐ NO
(Not available for BSBD account applicants)

3. INTERNET BANKING: (INB) Transaction rights required (First Applicant) ☐ YES ☑ No 2nd applicant ☐ YES ☐ No

4. SMS ALERTS (Charges applicable) SMS Alerts on Registered mobile Number ☑ YES ☐ NO

5. MOBILE BANKING: Mobile Banking Services to be enabled on Registered Mobile Number ☐ YES ☑ NO

Please SMS MBSREG to 9223440000 (from the mobile no. mentioned in Part I) to generate username

6. PHONE BANKING SERVICES: ☐ Yes ☑ No

7. Registration for SBI Buddy required: ☐ Yes ☑ No

8. PASSBOOK REQUIRED (For Savings Bank Account): ☑ Yes ☐ No

9. STATEMENT FREQUENCY: ☐ Monthly ☐ Quarterly ☐ Half-yearly

e-Statement, in lieu of paper copy, to be sent to e-mail id as mentioned in Part-I: ☐ Required ☑ Not required

(Mobile number is mandatory for services from 2 to 7)

I/we do not want to nominate any person in this account

(Signature of the Applicant / Thumb impression of the Applicant/Applicants)

Form D.G (Nomination form)

Nomination under section 45ZA of the Banking Regulation Act, 1949 and Rules 1985 in respect of Bank Deposits

I/we KANISHKA nominate the following person to whom in the event of my/our/minor's death the amount of Deposit, particulars where are given below, may be returned by State Bank Of India

(Name and address of branch/office in which the deposit held.)

☐ I/we want the name of the nominee to be printed on the passbook

Particulars of Deposit

Type of Deposit: SAVINGS Account Number:

Particulars of the Nominee

Name: KANISHKA

Relationship with the Depositor: _____ Age: ____ Years Date of Birth of nominee in case of minor: - - - - - - - -

Address: A18 COLONY

City/Village: SALEM PIN: 636110 State: TAMILNADU

As the nominee is a minor on this date, I/we appoint Shri/Smt/Kum _____ Age: ____ Years

Address: _____

to receive the amount of deposit on behalf of the nominee in the event of my/our/minor's death during the minority of the nominee

Kanishka

Signature / Thumb impression of the Applicant/Applicants

Signature/Thumb impression of first witness

Name: KANISHKA

Address: 5 A 18, COLONY, PALLIPALAYAM

Signature/Thumb impression of second witness

Name: _____

Address: _____

(Witnesses are required only in case of applicant is illiterate and is affixing thumb impression)

Date: 16022023 Place: Salem

Aadhaar / Mobile Seeding in Bank Accounts

I, the holder of Aadhaar number 4621 4921 3211, hereby submit my Aadhaar number and voluntarily give my consent to the State Bank of India to:-

- Map it at NPCI to enable me to receive Direct Benefit Transfer (DBT) from GoI in this Account. ☐ Yes ☐ No
  I understand that if more than one benefit transfer is due to me, I will receive all Benefit transfers in this Account.
- Use my mobile number mentioned above for sending SMS alerts to me. ☐ Yes ☐ No

I have been given to understand that my information submitted to the bank herewith shall not be used for any purpose other than mentioned above or as per requirements of law.

Kanishka

Signature / Thumb impression of the Applicant

(Sole / First account holder)

DECLARATION CUM UNDERTAKING CUM SELF-CERTIFICATION

1. I/We have received the Welcome Kit containing INB Kit and ATM card/Cheque book and understand that in case of any misuse/ misplacement of the contents of the the Bank will not be liable for any loss/damage
2. I/We hereby certify that the Savings Bank Account would be used by me/us to route transactions of only non-business/ non-commercial nature. In the event of occurr of such transactions or any such transactions that may be construed as commercial/ business/ dubious or undesirable, the Bank reserves the right to unilaterally fr operations in such accounts and/or close the account.
3. I/We have been advised of Monthly Average balance requirement for the account to be opened and given to understand that these requirements are subjec revision/change and such revision/changes will be uploaded in the Bank's site which will be acceptable to me as a notice to that effect.
4. I confirm that the product features of BSBD account have been explained to me/us (applicable to BSBD account applicant/applicants)
5. I/We acknowledge receipt of rules and regulation of Savings Bank account.
6. I/We have been advised that if I/We do not provide my/our mobile number, I/We will not be eligible for any facility of electronic transactions other than ATM withdrawals.
7. (Applicable for accounts opened for credit of Social Welfare Benefits)
   I / We understand that this account will be opened under BSBD category. I /We also understand that in case, I /We do not wish to continue in this BSBD account, switch over to Regular Savings Bank account, I /We will have to maintain the Monthly Average Balance (MAB) applicable for Regular Savings Bank Account. I there undertake to maintain MAB in the account if I /We switch over to Regular Savings Bank account from BSBD.
8. Applicable for accounts opened in the name of Minors
   I understand that the requirement of Monthly Average Balance (MAB) and penalty for non-maintenance will be applicable in this account once the applicant beco Major. I therefore undertake to maintain (MAB) from the date of attaining majority.

Place: Salem
Date: 15/02/2023

Signature / Thumb impression of the Applicant/Applicat

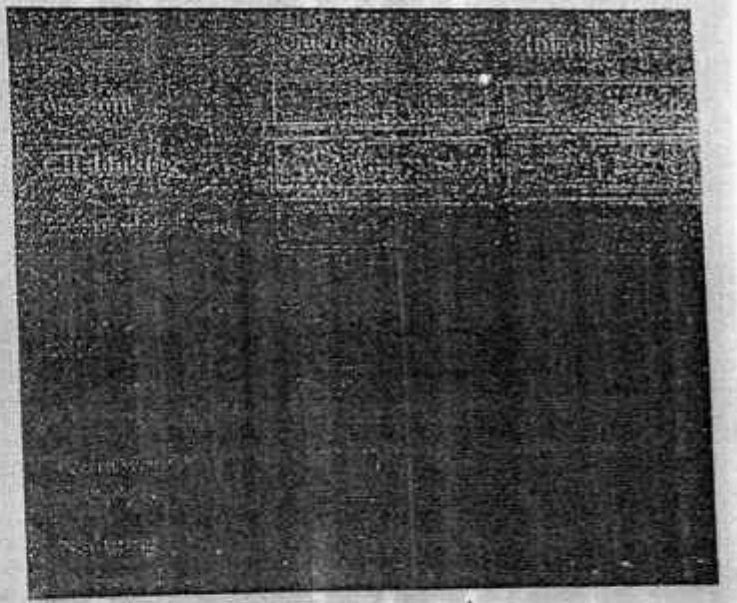
Auto-sweep

Threshold Amount: Rs. [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] @ Min.: Rs.25,000/-

Sweep time: _____ day (example Monday, Tuesday) of every week OR _____ (example 1st,2nd) of every month beginning on [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

Under reverse sweep facility for breaking the MOD, the MOD to be broken by: [ ] Last in first out [ ] First in first out





i) Internet Banking (INB) Kit No. _____

ii) INB Viewing [ ] Transaction [ ] rights given on: [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

iii) Mobile Banking MPIN given on: [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

iv) ATM Card data transmitted on: [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

v) Nomination Initial no: [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

vi) Threshold (KYC) limit: [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

vii) Phone Banking: [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

Initials

Initials

Initials

Initials

Initials

Initials

Initials

ACKNOWLEDGEMENT-DACT

We acknowledge receipt of nomination made by you in favour of

Name of the Nominee KANISHKA Age 21 Years 2023 Date 15/09/2023

With respect to your Account Number

Yours faithfully

Signature of Bank Official with Seal

SAVINGS BANK RULES (ABRIDGED)

Know Your Customer Guidelines
Any person fulfilling account opening requirements may, upon agreeing to comply with the prescribed rules, open a Savings Bank Account, provided she/he furnishes proof of identity and proof of address as required by the Bank. (Rule No. 1)

Nomination & Survivorship Facility
The nomination facility is available on Savings Bank Accounts and the account holders are advised to avail of this facility for smooth settlement of claim by legal heirs in unforeseen circumstances. However, nor can be made in favour of only one nominee. In case they do not wish to make a nomination, the fact should be recorded on the account opening form under their full signature. Joint accounts with survivorship benefit can be operated by the survivor, in such circumstances. (Rule Nos. 10, 2)

Types Of Accounts, Balance Stipulation & Service Charges
The applicants can open an account either with chequebook facility or without chequebook. The current monthly average balances prescribed for SB accounts and the charges recorded for non-maintenance of minimum balance, are available at the Banks website bank.sbi and Contact Centre. The information can also be obtained from Branches. There is no recording on minimum balance in Savings Bank account, except for Minors account. (Rule Nos. 11, 12).

Minors Accounts
Minors who can adhere to uniform signature and are not less than ten years old can open accounts in their single name and maintain therein a minimum balance of Rs. 1000/-(000/- (Rs. Two hundred only). Minors may open joint accounts with their guardians. (Rule No. 3)

How To Open An Account?
In ordinary course, applicant(s) should attend the Bank personally for completion of formalities for opening the account. They will duly fill in and sign the prescribed application form. Applicant(s) should submit KYC documents, declaration as applicable for RBI/CBDT and two copies of his/ her/ their recently taken passport size photographs. Applicants can also apply for opening an account online. Account holders signatures must be legible and well formed. Signatures should not be in capital or block letters. Each account will be given a distinctive account number. While dealing with the Bank this number should be invariably quoted by the account holder(s). The account holders, in their self interest, are expected to adhere to uniform signature as per specimen recorded with the Bank while operating the accounts and addressing any correspondence to the Bank. (Rule Nos. 7, 8, 9, 11)

Pass Book
The pass book and cheque book supplied to the account holder should be kept in a safe place. The Bank will not be responsible for any loss or incorrect payment attributable to the account holder's negligence in this regard (Rule Nos. 18, 29). For withdrawing cash by means of a withdrawal form, the pass book must be presented. Withdrawals using cheque forms and Debit card can be effected without pass book. Deposits may be made without production of the pass book. (Rule No. 15) Pass book should be got updated regularly. The pass book will be returned to the account holder immediately after completion of the transaction duly updated. In case it is not collected within a weeks time, it will be returned to them by Registered A.D. post/ Courier at their cost. (Rule No. 16) The account holders should carefully examine the entries in their pass books and draw the Banks attention to errors or omissions, if any. (Rule No. 17)
Duplicate in lieu of the lost or mutilated pass book may be issued on receipt of a written request from the account holder after necessary enquiries, completion of formalities and recovery of prescribed charges. The current charges prescribed for this are available at the Banks website bank.sbi and Contact Centre. This information can also be obtained from Branches. (Rule No. 30)

Cheque Book
The Bank will issue the first cheque book after completion of all formalities with regard to opening of the account. No charge will be recovered for issue of first twenty five Multicity Cheque leaves. Thereafter, service charge will be charged to the customer's account. The current charges prescribed for this are available at the Banks website bank.sbi and Contact Centre. This information can also be obtained from Branches. The account holders must use only the cheques from the cheque books issued to them by the Bank. The Bank reserves the right to refuse payment of any cheques drawn on he/ she. Ordinarily, Bank will not issue more than one cheque book at a time or before exhausting all or nearly all cheque leaves issued previously. (Rule No. 27) Cheques must be written legibly. (Rule No. 28)
Stop payment instructions in respect of cheques issued or lost can be registered with the Bank on payment of a prescribed service charge. The current charges prescribed for this are available at the Banks website bank.sbi This information can also be obtained from Branches. (Rule No. 32)

General
Savings Bank account is essentially a facility to build up savings and hence must not be used as a Current Account. Bank may close an account should it have any reason to believe that the account holder has used her/his account for a purpose for which it is not allowed. (Rule No. 5)

Deposits
Only three cash deposit transactions are allowed free of cost in a month. No restrictions on cash deposits at Non - Home branch. No deposit in cash for less than Rs 100/- will be accepted. Cheques, drafts or other instruments drawn only in favour of the account holder will be accepted for credit of the account. Third party instruments endorsed in favour of the account holder will NOT be accepted. No drawings against accepted instruments will be normally permitted until those are realized. In satisfactorily conducted accounts, immediate credit will be afforded for outstation instruments deposited up to Rs. 100000/- which may change from time to time. The normal collection and out of pocket charges will be recovered. The current limit and charges prescribed for this are available at the Banks website bank.sbi and Contact Centre. This information can also be obtained from Branches. Overdue interest will be recovered for instruments subsequently returned unpaid. (Rule Nos. 21, 22, 23)

Withdrawals
The accountholder can withdraw money personally from her/ his ordinary Savings Bank Account by using Banks standard withdrawal form. the pass book must accompany the withdrawal form. The withdrawal form can be used only for receiving payments by the accountholder himself/ herself. ATM cum Debit card can also be used in ATMs for cash withdrawal. The accountholder cannot withdraw an amount less than Rs. 500/-. All withdrawals must be in round Rupees only. Third party payments through withdrawal forms are not permitted. A letter of authority as per the prescribed format, along with the pass book should be sent to the Bank through an authorized representative to receive payment in case the account holder is unable to attend personally to withdraw cash from he/his account. (Rule Nos. 24, 25, 26) The maximum drawing permitted per cheque form is limited to Rs. 50. (Rule No. 30). The maximum number of free debit excities permitted in an account depends on the AMB in the account or as decided by the Bank from time to time. Charges prescribed for exceeding this limit are available at the Banks website bank.sbi and Contact Centre. This information can also be obtained from Branches. (Rule No. 35) Cash withdrawal can be made from the accounts of the sick, old or incapacitated account holders who are unable to attend the Bank and/or also not able to put their signature or thumb impression for withdrawing cash by completing the laid down formalities. (Rule No. 33)

Overdrafts
Overdrafts in Savings Bank accounts may be permitted under exceptional circumstances with prior arrangements only. Cheques drawn in excess of the balance in the account will be returned unpaid. Service charge will be recovered each time a cheque is returned unpaid for want of sufficient funds. Charges prescribed for this are available at the Banks website bank.sbi and Contact Centre. This information can also be obtained from Branches. (Rule No. 31)

Inoperative Accounts
Account holders are advised to operate their accounts regularly. Accounts not operated are classified as Inoperative after the stipulated time period of 24 months since last operation. The current prescribed charges in this regard are available at the Banks website bank.sbi and Contact Centre. This information can also be obtained from Branches. (Rule Nos. 36, 37)

Standing Instructions
The account holder can request the Bank for effecting periodical payment of insurance premium, membership fees etc. by debit to her/ his account on payment of service charges. The current prescribed charges for Standing Instruction are available at the Banks website bank.sbi This information can also be obtained from Branches. (Rule No. 40)

Payment of Interest
As per RBI guidelines applicable from time to time. Interest will be calculated on a daily product basis. Interest will be credited to the accounts at quarterly intervals. Interest will be paid only if it works out to Rs1/- or more. There after fifty paise and more will be rounded off to the next higher rupee and anything less will be ignored. In case of accounts frozen by the enforcement authorities, Bank shall continue to credit the interest to the account on a regular basis. (Rule Nos. 41, 42)

Transfer & Closure Of Account
Accounts may be transferred between branches of the Bank at the request of the account holder(s). Request for closure of account should state the reason for closure. The pass book must accompany such request. Joint accounts can be closed only at the request of all such joint signatories. Service charge at prescribed rate will be recovered if an account is closed after 14 days upto one year of its opening. The current charges prescribed for this are available at the Banks website bank.sbi This information can also be obtained from Branches. (Rule Nos. 43, 44, 45). Accounts can be transferred ONLINE also.

Change in Rules
The Bank reserves the right to alter, delete or add to any of these Rules and service charges for which the customer will be duly notified through Bank's website bank.sbi and/ or branch notice board. (Rule Nos. 39, 46)

Features of BSBD account.

1. Maximum 4 withdrawals including withdrawals at own ATMs and other Bank's ATMs and other modes including RTGS, NEFT, Clearing, Branch cash withdrawals, Transfer, Internet debits, SI, EMI etc.
2. Only Basic Ru Pay Card will be issued.
3. Cheque book will not be issued.

STATE BANK OF INDIA,
SME Branch, PALLIPALAYAM.

Account No. Date 15.02.2023

1 8 A 8 0 1 1 0 0 2 2 1 5

FOR THE CREDIT OF
KANISHKA

AMOUNT (in words)
THIRTY THOUSAND ONLY

PARTICULARS	Rs.	Ps.
2000 X 10	20000	
500 X 20	10000	
Total	30000/-	

CASHIER | CASH OFFICER / PASSING OFFICER

Code No.4681

STATE BANK OF INDIA,
SME Branch, PALLIPALAYAM.
IFSC.: SBIN0003358.

CA / SB / RD / CC / DL / TL / ACCOUNT PAY IN SLIP

NOTE : Please use seperate slips for depositing cash and cheques, drafts etc.,

Date 15.02.2023

PARTICULARS	Rs.	Ps.
2000 X 10	20000	
500 X 20	10000	
Total	30000/-	

FOR THE CREDIT OF THE ACCOUNT OF (Name) KANISHKA

* INSTALMENT FOR ACCOUNT NUMBER

1 8 A 8 0 1 1 0 0 2 2 1 5

AMOUNT (in words) RUPEES THIRTY THOUSAND ONLY

Rs. 30000/- Ps.

CASHIER'S / SCROLL No.	CASHIER	CASH OFFICER / PASSING OFFICER	JOTTING BOOK	PARTITION No.

DEPOSITED BY (Signature) Kanish

Code No.4681 * IF APPLICABLE

Cell No. 9 4 8 6 3 5 7 8 7 7

SBI State Bank of India

ACCOUNT OPENING FORM FOR RESIDENT INDIVIDUALS (PART-I)
CUSTOMER INFORMATION SHEET (CIF Creation/Amendment)

(Fields marked asterix (*) are mandatory)

Date 16/02/2023

Please fill up in BLOCK letters only and use black ink for signature.

(For office use only) Applicant CIF No.

Account No. 18430110012161

Application Type* ☑ New ☐ Update CKYC Number (Mandatory for CKYC update)

☐ I do not have any account with SBI ☐ I have an account with SBI & the account number is

1. Personal Details* — Please refer instructions (A&B) at the end

Customer Type* ☑ Public ☐ Staff ☐ Senior Citizen Residential Status* ☑ Resident Individual ☐ Non Resident Indian ☐ Foreign National ☐ Person of Indian Origin/Overseas Citizen of India

Prefix

Name* (same as ID proof)

Prefix

Maiden name* (If Any)

Date of Birth* 08/12/2001 Gender* ☐ M-Male ☐ F-Female ☑ Others/Transgender Marital Status* ☐ Married ☑ Unmarried ☐ Others

Aadhaar No* (Issued by the Unique Identification Authority of India)

OR

Aadhaar Enrolment No.

Prefix

Name of Father* R ARUMUGAM

Prefix

Name of Spouse

Prefix

Name of Mother* A BANU MATHI

Guardian's Name (In case of Minor)*

Nationality* ☑ IN – Indian ☐ Others Country Name

Citizenship* ☑ IN – Indian ☐ Others Country Name

Occupation Type* ☐ S-Service ☐ Private Sector Service ☐ Public Sector ☐ Government Sector

☐ O-Others ☐ Professional ☐ Self employed ☐ Retired ☐ House Wife ☑ Student

☑ B-Business ☐ X – Not categorised – Please specify

ISO 3166 Country Code of Country of Tax Residence* IN (Code for India is IN)

Country Of Tax Residence In India Only And Not In Any Other Country Or Territory Outside India* ☑ Yes ☐ No

(If No please fill the details in column 8 & 9 in p

PAN* / Tax Identification Number or equivalent (If issued by jurisdiction) (Please refer instructions (E) at the end)

OR Form 60 Submitted (as defined in Income Tax Rules, 1962) ☐

Place / City of Birth* Salem Country of Birth* India

2. Identification type & ID details/ Documents acceptable as Proof of Identity/ Proof of Address Please tick the appropriate box (any one ID type) and give det

☐ A – PASSPORT ☐ B – VOTER'S IDENTITY CARD ☐ C – DRIVING LICENCE ☐ D – NREGA JOB CARD Please refer instructions (C) at t

☐ E – Letter issued by National Population Register containing details of Name & Address ☐ F – OTHERS (Any document notified by the Central Government/RBI) (Please Specify)

Document No / Identification Number*

Issued by:* Issue date:*

Issued at:* Expiry Date (If applicable):*

3. Proof of Address — Current — Correspondence — Local — Please refer instructions (D) at the

Address Type* ☑ Residential / Business ☐ Residential ☐ Business ☐ Registered Office ☐ Unspecified

Proof of Address* ☐ Passport ☐ Driving Licence ☑ Voter ID Card ☐ NREGA Job Card ☐ Letter issued by National Population Register containing details of name & address ☐ Others

Address* 5 BLOCK 9 THIRUCHENGODE

City/Village* THIRUCHENGODE District* SALEM

State* TAMILNADU PIN* 638110

Country Name* INDIA Please attach one self-attested photocopy of the document. Originals thereof will have to be produced for verific

Address* A I 8 C O L O N Y

City/Village* T I R U C H E N G O D E District* S A L E M

State* T A M I L N A D U PIN* 6 3 8 1 1 0

Country Name* I N D I A

5. Contact Details

Tel (Off) - Tel (Res) -

Fax - Mobile No. 9 1 - 9 4 8 6 3 8 7 8 7 7

Alternate Mobile No. 9 1 - 8 2 4 8 7 9 2 2 2 1 Email ID

6. Additional Details

Monthly Income* Rs. Net Worth (approx value) Rs.

Religion ☑ Hindu ☐ Muslim ☐ Christian ☐ Sikh ☐ Others

Category ☑ General ☐ OBC ☐ SC ☐ ST

Educational Qualification ☐ Below SSC ☐ SSC ☐ HSC ☑ Graduate ☐ Post Graduate ☐ Professional

Occupation's Name Designation/Profession Nature of Business

Please Tick the Applicable box* ☐ Politically Exposed Person ☐ Related to Politically Exposed Person ☐ None

7. Details of Related Person (Fill the details in form 8I for each additional Related Person)

☐ Addition of Related Person ☐ Deletion of Related Person ☐ KYC Number of Related Person (If available)*

Related Person type* (in case of minor) ☐ Guardian of Minor Related Person type* ☐ Assignee ☐ Authorised Representative

Name* Prefix F I R S T N A M E M I D D L E N A M E L A S T

(If KYC Number and name are Provided, below details are optional)

PROOF OF IDENTITY (POI) OF RELATED PERSON*

☐ A - PASSPORT ☑ B - VOTER'S IDENTITY CARD ☐ C - PAN CARD ☐ D - DRIVING LICENCE

☐ F - NREGA JOB CARD ☐ Z - OTHERS (Any document notified by the Central Government to KC)

Document No./ Identification Number*

Issued by*

Issued at*

Issue date*

Remarks

Expiry Date (If applicable)*

8. Multiple Tax Residency: Details of Country of Tax Residence in India, and/or in USA & And/or in any other Country or Territory

Country of tax residence*	Tax Identification Number or equivalent if issued by jurisdiction	Identification type (TIN or other, please specify)

#In case, country of tax residence is India, PAN is treated as TIN.

* • A citizen of US including individual born in US but resident in another country (who has not given up US citizenship).
• A person residing in US including US green card holder.
• Certain persons who spend more than 180 days in US each year.

9. Address in the Jurisdiction of Country -Where the Applicant is Resident outside India for Tax Purposes

Same as ☐ Overseas Address

Address* A I 8 C O L O N Y

City/Village* T I R U C H E N G O D E

Sub-District T A M I L N A D U District* S A L E M

Country Name* I N D I A State* T A M I L N A D U

<< >>

ZIP/ Post Code

10. Form - 60

Name* (Name as per proof) Prefix: MS. KANISHKA

If applied for PAN and it is not yet generated, enter date of application [ ] [ ] [ ]

I/We am/are declare that I have read over and understood the rules and regulations of the State Bank of India ("Bank") and those relating to [illegible] by the Bank including but not limited to debit card/internet banking/SMS banking/Tele-Banking/Mobile Banking/Virtual Banking and any [illegible] to abide by the same as amended/modified from time to time by the Bank/Regulator/Government published through circulars, [illegible] boards/websites/newspaper publications, etc. I waive the rights, if any, to have personal notice in respect of such amendments/modifications. [illegible] transactions and requests executed in my account(s) through internet, mobile, tele-banking or virtual banking under my User ID and [illegible] legally binding on me & I am responsible for the maintenance of secrecy and confidentiality of the authentication [illegible] information details OTP/PIN, etc., in such matters. I agree that Bank has got all the rights to debit my account for any service charge, expense [illegible] the Bank is entitled/liable to recover from me. I also authorise the Bank and agree to close/discontinue my account without any notice to me [illegible] inform the Bank on any change in my communication address or constitution and I shall submit the address proof in case of transfer of my account [illegible] to another branch.

2. In respect of accounts opened on the basis of Aadhaar details, I hereby declare that I have submitted the Aadhaar Card issued by UIDAI for [illegible] address proof towards the compliance of KYC norms under the PMLA, 2002 and I hereby agree that the Bank may verify the same with the UIDAI. I [illegible] UIDAI expressly to release the identity and address through biometric authentication to the Bank.
3. I confirm and declare that I am not prevented/prohibited/restricted by any applicable legal/regulatory/contractual or other provisions [illegible] maintaining the accounts or to transact with the Bank in any other way.
4. I agree that my personal KYC details may be shared with Central KYC registry or any other competent authority. I hereby consent to receive [illegible] Bank/Central KYC Registry/GoI/RBI or any other authority through SMS/e-mail on my registered mobile number/ e-mail address. I also agree [illegible] or any such SMS/e-mail shall not make the Bank liable for any loss or damage whatsoever in nature.
5. I hereby certify that I have declared my status as per the rules applicable under section 285BA of the Income Tax Act, 1961 as notified by Central [illegible] (CBDT) vide Notification No. S.O. 2155(E) dated 7 August 2015 and RBI Circular Ref No. DBR.AML.BC.No.36/14.01.001/2015-16 dated 28 Aug [illegible] including any subsequent modification/amendment thereof.
6. I understand, acknowledge and authorize that as per the provisions of Income Tax Act, Rules made thereunder and the guidelines issued by the [illegible] the matter, depending upon the residential status and/or other criteria stipulated therein, the Bank may have to report the details in respect of my [illegible] the prescribed format to the Central Board of Direct Taxes (CBDT) or other Government Agencies to comply with the obligations as per the [illegible] Agreements (IGA) in respect of Foreign Accounts Tax Compliance Act (FATCA) and Common Reporting Standards (CRS) and / or any other [illegible]
7. I certify to declare that the information provided by me for opening loan account and availing other services herein or through website/[illegible] to me and signed/authenticated by me as well as in the documentary evidence provided by me for opening loan account and availing other services [illegible] my knowledge and belief, true, correct and complete and that I have not withheld any material information that may affect the assessment/[illegible] account as a U.S. Reportable Account or Other Reportable Account or otherwise. In case any of the information or details provided by me is [illegible] untrue or misleading or misrepresenting, I am aware that I may be held liable for it.
8. I undertake the responsibility to declare and disclose immediately and in no case beyond 30 days from the date of change, any changes that may [illegible] information provided herein/or otherwise, as well as in the documentary evidence provided by me or if any certification becomes incorrect or [illegible] further undertake to provide fresh and valid self-certification along with documentary evidence as and when so required; nevertheless [illegible] undertaking given herein will also be applicable to all such modified/amended documents/information provided by me unless revised self-[illegible] provided to the Bank.
9. I also agree that my failure to disclose any material fact/information known to me now or in future or my failure to furnish [illegible] documents/information/other details within the stipulated period, may invalidate me from transacting in the account and the Bank would be within [illegible] restrictions in the operations of my account or to close it or to report to any regulator and/or any authority designated by the Government of India [illegible] said purpose or take any other action as may be deemed appropriate by the Bank under the guidelines issued by CBDT/RBI/GoI from time to time [illegible]
10. I also agree to furnish and intimate to the Bank any other particulars that are called upon me to provide on account of any change in law either in the above matter or otherwise.
11. I shall indemnify the Bank from any loss/damage that may be caused to the Bank on account of any defect/mistake in the details provided herein [illegible] providing incorrect or incomplete information by me.
12. I undertake to submit data/information together with fresh KYC documents for updation of KYC details at periodical intervals as may be required [illegible]
13. I understand that the account will be activated and debits will be allowed only after completion of Customer Due Diligence relating to KYC by the [illegible]
14. I undertake to submit Aadhaar and / or PAN within 6 months from the date of opening of account, failing which I understand my account will cease [illegible] as per GOI guidelines, amending Prevention of Money -laundering (Maintenance of Records) Rules 2005. (In case the account is opened without [illegible]
15. In case deemed OVDs are submitted for Current Address at the time of Account opening, I undertake to submit Aadhaar or any of the OVD having [illegible] within 3 months from the date of account opening, failing which I understand that my account may cease to be operational as per GOI guidelines [illegible]

PHOTO

Please Paste a Recent Passport size Photograph inside this box

(Do not Staple)

Kamir Ishq

[redacted]

Place: SALEM

Date: [illegible]

<<<< >>>>

SBI State Bank of India

ACCOUNT OPENING FORM FOR RESIDENT INDIVIDUALS (PART-II)
(SAVINGS BANK AND CURRENT ACCOUNT)
ACCOUNT DETAILS

(Fields marked asterisk (*) are mandatory)

Date: 1 8 0 2 2 0 2 3

Please fill up in BLOCK letters only and use black ink for signature.

(For office use only)
First - Applicant CIF No
Second - Applicant CIF No

Branch to affix rubber stamped Name and Code No

Account No: 1 8 4 3 0 1 1 0 1 1 2 2 5 8

Welcome Kit No

Customer Segment: ☐ Salaried ☐ Others

I/we hereby give my/our consent to be part of Customer Segmentation as per Banks Terms & Conditions: ☐ Yes ☐ No

☐ Silver ☐ Gold ☐ Diamond ☐ Platinum

Type of Account

☐ SAVING ACCOUNT ☐ CURRENT ACCOUNT ☐ BSBD ☐ Other (please specify)

☐ Savings Accounts for Minors (Regular) ☐ PEHLA KADAM (for Minors of any age) ☐ PEHLI UDAAN (for Minors of age above 10 years)

Mode of Operation

☐ Self only ☐ Either or Survivor ☐ Former or Survivor ☐ Any one or Survivor ☐ Jointly ☐ Other

Services Required

1. ATM-CUM-DEBIT CARD:

1st Applicant	☐ YES	☐ NO
2nd Applicant	☐ YES	☑ NO

Name as would appear on the card: K A M I S H K A

I/We understand that use of International Debit Card is subject to applicable Foreign Exchange Management Act (FEMA) guidelines issued by the Reserve Bank of India from time to time.

Please mention any other account desired to be linked:

Account type	1 2 5 [illegible]	R A M Y A
Account type	1 2 5 [illegible]	R A M Y A

2. CHEQUE BOOK: (Only for Regular SB Accounts) ☐ YES ☐ NO
(Not available for BSBD account applicants)

3. INTERNET BANKING: (INB) Transaction rights required (First Applicant) ☐ YES ☑ No 2nd applicant ☐ YES ☐ No

4. SMS ALERTS (Charges applicable) SMS Alerts on Registered mobile Number ☑ YES ☐ NO

5. MOBILE BANKING: Mobile Banking Services to be enabled on Registered Mobile Number ☐ YES ☑ NO

Please SMS MBSREG to 9223440000 (from the mobile no. mentioned in Part I) to generate username

6. PHONE BANKING SERVICES: ☐ Yes ☑ No

7. Registration for SBI Buddy required: ☐ Yes ☑ No

8. PASSBOOK REQUIRED (For Savings Bank Account): ☑ Yes ☐ No

9. STATEMENT FREQUENCY: ☐ Monthly ☐ Quarterly ☐ Half-yearly

e-Statement, in lieu of paper copy, to be sent to e-mail id as mentioned in Part-I: ☐ Required ☑ Not required

(Mobile number is mandatory for services from 2 to 7)

I/we do not want to nominate any person in this account

Signature of the Applicant / Thumb impression of the Applicant/Applicants

Form D(A) (Nomination Form)

Nomination under section 45ZA of the Banking Regulation Act, 1949 and Rules 1985 in respect of Bank Deposits

I/we KANISHKA nominate the following person to whom in the event of my/our/minor's death the amount of Deposit, particulars where are given below, may be returned by State Bank Of India

(Name and address of branch/office in which the deposit held.)

☐ I/we want the name of the nominee to be printed on the passbook

Particulars of Deposit

Type of Deposit : SAVINGS Account Number:

Details of the Nominee

Name: KANISHKA

Relationship with the Depositor Age Years Date of Birth of nominee in case of minor

Address A18 COLONY

City/Village: SALEM PIN 636110 State: TAMILNADU

As the nominee is a minor on this date, I/we appoint Shri/Smt/Kum. Address Age Years

to receive the amount of deposit on behalf of the nominee in the event of my/our/minor's death during the nonority of the nominee

Kanishka

Signature / Thumb impression of the Applicant/Applicants

Signature/Thumb impression of first witness
Name: KANISHKA
Address: A18, COLONY, PALLIPALAYAM

Signature/Thumb impression of second witness
Name:
Address:

(Witnesses are required only in case of applicant is illiterate and is affixing thumb impression)

Date: 16/02/2023 Place: Salem

Aadhaar / Mobile Seeding in Bank Accounts

I, the holder of Aadhaar number : 4621 4921 3211 , State Bank of India to:

- Map it at NPCI to enable me to receive Direct Benefit Transfer (DBT) from GoI in this Account. ☐ Yes ☐ No
  I understand that if more than one benefit transfer is due to me, I will receive all Benefit transfers in this Account.
- Use my mobile number mentioned above for sending SMS alerts to me. ☐ Yes ☐ No

I have been given to understand that my information submitted to the bank herewith shall not be used for any purpose other than mentioned above or as per requirements of law

Kanishka

Signature / Thumb impression of the
(Sole / First account holder)

DECLARATION CUM UNDERTAKING CUM SELF-CERTIFICATION

1 I/We have received the Welcome Kit containing INB Kit and ATM card/Cheque book and understand that in case of any misuse/ misplacement of the contents of the Bank will not be liable for any loss/damage.

2 I/We hereby certify that the Savings Bank Account would be used by me/us to route transactions of only non-business/ non-commercial nature. In the event of occurr of such transactions or any such transactions that may be construed as commercial/ business/ dubious or undesirable, the Bank reserves the right to unilaterally fr operations in such accounts and/or close the account.

3 I/We have been advised of Monthly Average balance requirement for the account to be opened and given to understand that these requirements are subject revision/change and such revision/changes will be uploaded in the Bank's site which will be acceptable to me as a notice to that effect.

4 I confirm that the product features of BSBD account have been explained to me/us (applicable to BSBD account applicant/applicants)

5 I/We acknowledge receipt of rules and regulation of Savings Bank account.

6 I/We have been advised that if I/We do not provide my/our mobile number, I/We will not be eligible for any facility of electronic transactions other than ATM v withdrawals.

7 (Applicable for accounts opened for credit of Social Welfare Benefits)
I / We understand that this account will be opened under BSBD category. I /We also understand that in case, I /We do not wish to continue in this BSBD account, switch over to Regular Savings Bank account, I /We will have to maintain the Monthly Average Balance (MAB) applicable for Regular Savings Bank Account. I there undertake to maintain MAB in the account if I /We switch over to Regular Savings Bank account from BSBD.

8 Applicable for accounts opened in the name of Minors
I understand that the requirement of Monthly Average Balance (MAB) and penalty for non-maintenance will be applicable in this account once the applicant beco Major. I therefore undertake to maintain (MAB) from the date of attaining majority.

Place: Salem
Date: 15/02/2023

Signature / Thumb impression of the Applicant/Applica

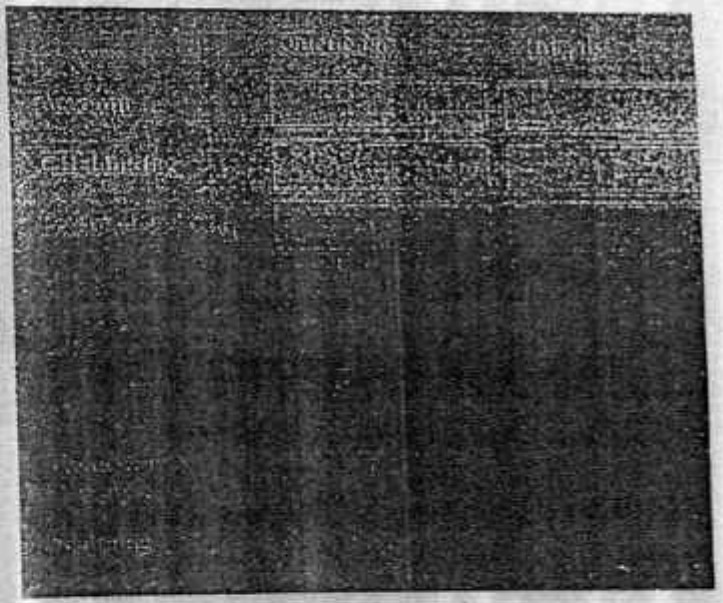
Auto Sweep

Threshold Amount: Rs. @ Min.: Rs.25,000/-

Sweep time: _____ day (example Monday, Tuesday) of every week OR _____ (example 1st,2nd) of every month beginning on:

Under reverse sweep facility for breaking the MOD, the MOD to be broken by: Last in first out First in first out





i) Internet Banking (INB) Kit No.:

ii) INB Viewing Transaction rights given on:

iii) Mobile Banking MPIN given on:

iv) ATM Card data transmitted on:

v) Nomination Serial no.:

vi) Threshold (KYC) limit:

vii) Phone Banking

Initials

Initials

Initials

Initials

Initials

Initials

Initials

ACKNOWLEDGEMENT-DA-1

We acknowledge receipt of nomination made by you in favour of

Name of the Nominee KANISHKA Age 21 Years 2023 Date 16/09/2023

With respect to your Account Number

Yours faithfully

Signature of Bank Official with Seal

SAVINGS BANK RULES (ABRIDGED)

Know Your Customer Guidelines
Any person fulfilling account opening requirements may, upon agreeing to comply with the prescribed rules, open a Savings Bank Account, provided she/he furnishes proof of identity and proof of address as required by the Bank. (Rule No. 1)

Nomination & Survivorship Facility
The nomination facility is available on Savings Bank Accounts and the account holders are advised to avail of this facility for smooth settlement of claim by legal heirs in unfortunate circumstances. Nomination can also be made in favour of only one nominee. In case they do not wish to make a nomination, the fact should be recorded on the account opening form under their full signature. Joint accounts with survivorship benefit can be operated by the survivor, in such circumstances. (Rule Nos. 30, 2)

Types Of Accounts, Balance Stipulation & Service Charges
The applicants can open an account either with chequebook facility or without chequebook. The current monthly average balances prescribed for SB accounts and the charges prescribed for non maintenance of minimum balance, are available at the Banks website bank.sbi and Contact Centre. The information can also be obtained from Branches. There is no ceiling on maximum balance in Savings Bank account, except for Minors account. (Rule Nos. 11, 12).

Minors Accounts
Minors who can adhere to uniform signatures and are not less than ten years old can open accounts in their single name and may also have a maximum balance of Rs 10,00,000/ (Rs. Ten lacs only). Minors may open joint accounts with their guardians. (Rule No. 3)

How To Open An Account?
In ordinary course, applicant(s) should attend the Bank personally for completion of formalities for opening the account. They will duly fill in and sign the prescribed application form. Applicant(s) should submit KYC documents, declaration as applicable for RBI/CIBIL and two copies of his/ her/ their recently taken passport size photographs. Applicants can also apply for opening an account online. Account holders signatures must be legible and well formed. Signatures should not be in capital or block letters. Each account will be given a distinctive account number. While dealing with the Bank, this number should be invariably quoted by the account holder(s). The account holders, in their self interest, are expected to adhere to uniform signature as per specimen recorded with the Bank while operating the accounts and addressing any correspondence to the Bank. (Rule Nos. 7, 8, 9, 13)

Pass Book
The pass book and cheque book supplied to the account holder should be kept in a safe place. The Bank will not be responsible for any loss or incorrect payment attributable to the account holders neglect in this regard. (Rule Nos. 18, 29). For withdrawing cash by means of a withdrawal form, the pass book must be presented. Withdrawals using cheque forms and Debit card can be effected without pass book. Deposits may be made without production of the pass book. (Rule No. 15) Pass book should be got updated regularly. The pass book will be returned to the account holder immediately after completion of the transaction duly updated. In case it is not collected within a weeks time, it will be returned to them by Registered A.D. post/ Courier at their cost. (Rule No. 16) The account holders should carefully examine the entries in their pass books and draw the Banks attention to errors or omissions, if any. (Rule No. 17)
Duplicate in lieu of the lost or mutilated pass book may be issued on receipt of a written request from the account holder after necessary enquiries, completion of formalities and recovery of prescribed charges. The current charges prescribed for this are available at the Banks website bank.sbi and Contact Centre. This information can also be obtained from Branches. (Rule No. 30)

Cheque Book
The Bank will issue the first cheque book after completion of all formalities with regard to opening of the account. No charge will be recovered for issue of first twenty five Multicity Cheque leaves. Thereafter, service charge will be charged to the customer's account. The current charges prescribed for this are available at the Banks website bank.sbi and Contact Centre. This information can also be obtained from Branches. The account holders must use only the cheques from the cheque books issued to them by the Bank. The Bank reserves the right to refuse payment of any cheques drawn otherwise. Ordinarily, Bank will not issue more than one cheque book at a time or before exhausting all or nearly all cheque leaves issued previously. (Rule No. 27) Cheques must be written legibly. (Rule No. 28)
Stop payment instructions in respect of cheques issued or lost can be registered with the Bank on payment of a prescribed service charge. The current charges prescribed for this are available at the Banks website bank.sbi This information can also be obtained from Branches. (Rule No. 32)

General
Savings Bank account is essentially a facility to build up savings and hence must not be used as a Current Account. Bank may close an account should it have any reason to believe that the account holder has used her/his account for a purpose for which it is not allowed. (Rule No. 5)

Deposits
Only three cash deposit transactions are allowed free of cost in a month. No restrictions on cash deposit at Non - Home branch. No deposit in cash for less than Rs 100/- will be accepted. Cheques, drafts or other instruments drawn only in favour of the account holder will be accepted for credit of the account. Third party instruments endorsed in favour of the account holder will NOT be accepted. No drawings against accepted instruments will be normally permitted until these are realized. In satisfactorily conducted accounts, immediate credit will be afforded for outstation instruments deposited up to Rs 100000/- which may change from time to time. The normal collection and out of pocket charges will be recovered. The current limit and charges prescribed for this are available at the Banks website bank.sbi and Contact Centre. This information can also be obtained from Branches. Overdue interest will be recovered for instruments subsequently returned unpaid. (Rule Nos. 21, 22, 23)

Withdrawals
The accountholder can withdraw money personally from her/ his ordinary Savings Bank Account by using Banks standard withdrawal form. The pass book must accompany the withdrawal form. The withdrawal form can be used only for receiving payments by the accountholder himself/ herself. ATM cum Debit card can also be used in ATMs for cash withdrawal. The accountholder cannot withdraw an amount less than Rs. 500/-. All withdrawals must be in round Rupees only. Third party payments through withdrawal forms are not permitted. A letter of authority as per the prescribed format, along with the pass book should be sent to the Bank through an authorized representative to receive payment in case the account holder is unable to attend personally to withdraw cash from her/his account. (Rule Nos. 24, 25, 26) The maximum drawing permitted per cheque form is limited to Rs. 50. (Rule No. 10). The maximum number of free debit entries permitted in an account depends on the AMB in the account or as decided by the Bank from time to time. Charges prescribed for exceeding this limit are available at the Banks website bank.sbi and Contact Centre. This information can also be obtained from Branches. (Rule No. 35) Cash withdrawal can be made from the accounts of the sick, old or incapacitated account holders who are unable to attend the Bank and/or also not able to put their signature or thumb impression for withdrawing cash by completing the laid down formalities. (Rule No. 33)

Overdrafts
Overdrafts in Savings Bank accounts may be permitted under exceptional circumstances with prior arrangements only. Cheques drawn in excess of the balance in the account will be returned unpaid. Service charge will be recovered each time a cheque is returned unpaid for want of sufficient funds. Charges prescribed for this are available at the Banks website bank.sbi and Contact Centre. This information can also be obtained from Branches. (Rule No. 31)

Inoperative Accounts
Account holders are advised to operate their accounts regularly. Accounts not operated are classified as Inoperative after the stipulated time period of 24 months since last operation. The current prescribed charges in this regard are available at the Banks website bank.sbi and Contact Centre. This information can also be obtained from Branches. (Rule Nos. 36, 37)

Standing Instructions
The account holder can request the Bank for effecting periodical payment of insurance premium, membership fees etc. by debit to her/ his account on payment of service charges. The current prescribed charges for Standing Instruction are available at the Banks website bank.sbi This information can also be obtained from Branches. (Rule No. 40)

Payment of Interest
As per RBI guidelines applicable from time to time. Interest will be calculated on a daily product basis. Interest will be credited to the account at quarterly intervals. Interest will be paid only if it works out to Re1/- or more. Then after fifty paise and more will be rounded off to the next higher rupee and anything less will be ignored. In case of accounts frozen by the enforcement authorities, Bank shall continue to credit the interest to the account on a regular basis. (Rule Nos. 41, 42)

Transfer & Closure Of Account
Accounts may be transferred between branches of the Bank at the request of the account holder(s). Request for closure of account should state the reason for closure. The pass book must accompany such request. Joint accounts can be closed only at the request of all such joint signatories. Service charge at prescribed rate will be recovered if an account is closed after 14 days upto one year of its opening. The current charges prescribed for this are available at the Banks website bank.sbi This information can also be obtained from Branches. (Rule Nos. 43, 44, 45). Accounts can be transferred ONLINE also.

Change in Rules
The Bank reserves the right to alter, delete or add to any of these Rules and service charges for which the customer will be duly notified through Bank's website bank.sbi and/ or branch notice board. (Rule Nos. 39, 46)

Features of BSBD account:

1. Maximum 4 withdrawals including withdrawals at other ATMs and other Bank's ATMs and other modes including RTGS, NEFT, Clearing, Branch cash withdrawals, Transfer, Internet debits, SI, EMI etc.
2. Only Basic Rupay Card will be issued.
3. Cheque book will not be issued.

STATE BANK OF INDIA,
SME Branch, PALLIPALAYAM.

Account No. 18480110022215 Date 15.02.2023

FOR THE CREDIT OF
KANISHKA

AMOUNT (in words)
THIRTY THOUSAND ONLY

PARTICULARS	Rs.	Ps.
2000 X10	20000	
500 X20	10000	
Total	30000/-	

CASHIER | CASH OFFICER / PASSING OFFICER

Code No.4681

STATE BANK OF INDIA,
SME Branch, PALLIPALAYAM.
IFSC.: SBIN0003358.

CA / SB / RD / CC / DL / TL / ACCOUNT PAY IN SLIP

NOTE : Please use separate slips for depositing cash and cheques, drafts etc..

Date 15.02.2023

PARTICULARS	Rs.	Ps.
2000X10	20000	
500X20	10000	
Total	30000/-	

FOR THE CREDIT OF THE ACCOUNT OF (Name) KANISHKA

* INSTALMENT FOR ACCOUNT NUMBER 18480110022215

AMOUNT (in words) RUPEES THIRTY THOUSAND ONLY

Rs. 30000/- Ps.

CASHIER'S / SCROLL No.	CASHIER	CASH OFFICER / PASSING OFFICER	JOTTING BOOK	PARTITION No.	DEPOSITED BY (Signature)
					Kanish

Code No.4681 * IF APPLICABLE

Cell No. 9486357877

ICICI Bank

TERM DEPOSIT RECEIPT

Account No. NI

Branch TIRUCHENGODE

Date 18/02/2023

Received from R. ARAVINDHAN

Rupees TWENTY FIVE THOUSAND ONLY

Amount Rs. 25000

Period 2 Year

Interest Rate Per Annum

Due Date 20/02/2023

Amount Payable on Maturity Rs. 29250

Payable To (E or S, Jointly etc.) R. ARAVINDHAN

LF F03566

Officer

Manager

ICICI Bank

ICICI Bank Limited.

NONTRANSFERABLE

Customer ID: 678642

Account No. 256311004621

No. 14

QUANTUM DEPOSIT

Branch TIRUCHENGODE

Date 18/02/2023

As a: FIXED DEPOSIT RECEIPT

* Received from R. ARAVINDHAN

* As Fixed Deposit (Traditional Plan) for
Cumulative Fixed Deposit (Reinvestment Plan) for
Days 20 months 2 years 23

Due On 24/02/2023

* Interest at % p.a. payable at quarterly rests.

* Repayable to R. ARAVINDHAN

* Maturity Value of Cumulative Fixed Deposit

* LF F03566

Deposit Received With Thanks
For ICICI Bank Limited

AUTHORISED SIGNATORY

Deposit is in Units of Rs. 1,000 each plus Residual Amount of Rs.

Note : Interest will cease on date of maturity. This receipt should be submitted to the branch on maturity, duly discharged for payment.

BILL OF EXCHANGE

Rs. 20000/- 19/02 20Ø 23

THREE MONTHS after date pay to ARABI

or order the sum of Rupees TWENTY THOUSAND

only for value received with interest from this date at 15%.

with QUARTERLY rests.

To ARABI,
TIRUCHENGODE,
NAMAKKAL.

Accepted
Arabi
ARABI

Stamp

Rs. 1,00,000/-

PROMOTE

Place TIRUCHENGODE
Date 21/02/2023

On demand I / We B. POOJA

Promise to pay

or order at their office, the sum of Rs. (1,00,000) Rupees ONE LAKH only

for value received together with interest at (10%) percent per annum from this the date of 21/02/2023 till the date of payment full interest is payable 21/02/2023

Witness with full address:

1) B SRIHALINI, TAJNAGAR

2) T. SATHYA, COLONY

Written by

Signature

படிவம் — 1 C.

தமிழ்நாடு கூட்டுறவு சங்கங்கள் 1983 ஆம் ஆண்டு திருத்தச் சட்டம் பிரிவு 27 (1) (a)

உறுப்பினர் சேர்க்கை விண்ணப்பம்

பெறுநர் செயலாளர் / தலைவர்,

ஐ. 4091, மல்லசமுத்திரம் தொடக்க வேளாண்மை கூட்டுறவு வங்கி.

ஐயா,

தங்கள் சங்கத்தில் எனது சங்கத்தில் உறுப்பினராக சேர்த்துக் கொள்ளும்படி வேண்டுகிறேன். எனது விபரங்கள் கீழ்வருமாறு :-

1. அ) முழு பெயர் — சு. கௌரிதா
   ஆ) இனம் — பெண்
2. தந்தை அல்லது கணவர் பெயர் — கிரா. சுப்புகம்
3. வயது — 21
4. வேளாண்மைத் தாழ்த்தப்பட்டவரா / மலைவாழினைச் சார்ந்தவரா — இல்லை
5. அ) தொழில் — கூலி
   ஆ) வருட வருமானம் ரூபாய் — 2,00,000
6. சுட்டு முகவரி (முழு முகவரி) (தெரு, தாலுக்கா, ஜில்லா) — 3ஹ7-A1, பள்ளிபாளையம், நாமக்கல்.
7. சொத்தின் விபரம் : (ஏதும் இருப்பின்) (தெளிவாக : அதன் மதிப்பு ரூ.)
   அ) சொந்த நிலம் — இல்லை
   ஆ) குத்தகை நிலம் — இல்லை
   இ) வேறு பிற சொத்துக்கள் — இல்லை
8. சங்கத்தில் முன்னால் உறுப்பினராக இருந்தால் :
   அ) சேர்க்கை நாள் — இல்லை
   ஆ) உறுப்பினர் எண். — இல்லை
   இ) எடுக்கப்பெற்ற பங்குகள் — இல்லை
   ஈ) உறுப்பினராயிருந்து விலகிய நாள் — இல்லை
   உ) உறுப்பினர் பதவி விலகக் காரணம் — இல்லை
9. இதே வகையான வேறு சங்கத்தில் உறுப்பினராக இருந்தால் : — இல்லை
   அ) சங்கத்தின் பெயர் — இல்லை
   ஆ) உறுப்பினர் எண். — இல்லை
   இ) பெற்ற பங்குகள் — இல்லை
   ஈ) சங்கத்திற்கு செலுத்த வேண்டியுள்ள நிலுவை — ம. இல்லை
10. விண்ணப்பதாரர் இதே வகையான சங்கத்தில் ஏதேனும் உறுப்பினராக இருக்கும்போது மீண்டும் உறுப்பினராக சேர விண்ணப்பிக்க வேண்டுமா? — இல்லை
11. விண்ணப்பதாரர் வேறு வகையான சங்கத்தில் / வங்கியில் உறுப்பினராக இருந்தால் :
   அ) சங்கத்தின் / வங்கியின் பெயர் — இல்லை
   ஆ) உறுப்பினர் எண். — இல்லை
   இ) வழங்கிய பங்குகள் (ரூபாயில்) — இல்லை
   ஈ) சங்கத்திற்கு / வங்கிக்கு செலுத்த வேண்டியுள்ள நிலுவை (ரூபாயில்) — இல்லை

(P.T.O.)

12. தேவையான பங்குகளின் எண்ணிக்கை — ஒன்று

13. அ) பங்குத் தொகைக்கான செலுத்தியபடி முத்திரையும், தாழ்வுக் கட்டணமும் (முகமில்) — ரூ.500

ஆ) செலுத்திய தேதி —

இ) செலுத்தப்பட்ட முறை — பணம்

ஈ) மேலும் ஏதும் அறுப்பீடுத்தல் தீர்ப்பாணை, ஏற்றும் அந்நிலத்தின் பெயர் குறிப்பிடப்படவேண்டும். — கிடையாது

14. நியமன விதி எண். 17 இணைக்கப்பட்டுள்ளதா? — ஆம்

நான் உறுதியளிப்பது என்னவென்றால் நான் இச்சங்கத்தில் உறுப்பினராவதற்கு தகுதி உடையவன் என்றும் தமிழ்நாடு 1983-ஆம் வருடத்திய கூட்டுறவு சங்கங்களின் சட்டம் மற்றும் தமிழ்நாடு 1988-ஆம் வருடத்திய கூட்டுறவு சங்கங்களின் விதிகள் மற்றும் சங்கத் துணைவிதிகளின்படி சங்கத்தில் உறுப்பினராவதற்கான அனைத்து தகுதிகளையும் பெற்றுள்ளேன் என்றும் கூறிக்கொள்கிறேன்.

மேற்படியும் நான் கூறிக்கொள்வது என்னவென்றால் மேற்கூறிய விவரங்கள் யாவும், எனக்குத்தெரிந்த வரையிலும் நான் நம்புகின்ற வரையிலும் உண்மையானது என்று கூறுகிறேன்.

தமிழ்நாடு கூட்டுறவு சங்கங்களின் 1983-ஆம் வருடத்திய சட்டம் மற்றும் தமிழ்நாடு கூட்டுறவு சங்கங்களின் 1988-ஆம் வருடத்திய விதிகள் ஆகியவற்றில் கூறப்பட்டுள்ள எவ்வித தகுதிகளையும் நான் பெற்றிருக்கவில்லையென்று உறுதியளிக்கிறேன்.

இடம்: சேலம்
தேதி: 23/02/2023

விண்ணப்பதாரின் கையொப்பம்.

சாட்சிகள் :-

சாட்சிகளின் முழு விபரம்

1. லோகா (நாமக்கல்)
2. பவித்ரா (சேலம்)

சங்கத்தால் பூர்த்தி செய்யப்பட வேண்டிய விபரங்கள்.

1. சங்கத்தில் விண்ணப்பம் பெறப்பட்ட தேதி —
2. விண்ணப்பம் பெறப்பட்ட தேதியிலிருந்து மூன்று நாட்கள்/இரண்டு மாதங்கள் முடிவடையும் தேதி —
3. விண்ணப்பம் குறித்து சங்க நிர்வாக சபையில் முடிவெடுக்கப்பட்ட தேதி —
   அ) நிர்வாக சபையால் சேர்க்கப்பட்டதா? —
   ஆ) ஆம் எனில் —
      1. வழங்கப்பட்ட அ. எண் —
      2. ஒதுக்கீடு செய்யப்பட்ட பங்குகளின் எண்ணிக்கை —
      3. பங்குத் தொகை மற்றும் தாழ்வுத் தொகை செலுத்தியது —
      4. செலுத்தப்பட்ட தேதி —
      5. செலுத்தப்பட்ட விதம் —
4. சேர்க்கை மறுக்கப்பட்டிருப்பின் சேர்க்கை மறுக்கப்பட்ட
   1. நிர்வாக சபையின் முடிவு அவருக்கு தெரிவிக்கப்பட்ட தேதி —
   2. சேர்க்க மறுக்கப்பட்டதற்கான காரணம்
5. அ) விண்ணப்பம் தொடர்பாக 30 நாட்களுக்குள் தகவல் தெரிவிக்க வேண்டும். ஒன்பது நாளுக்குள் தகவல் தெரிவிக்காததால் சேர்க்கப்பட்ட அவகாசத்தினால் தகுதிநீக்கம் தேதி —
   ஆ) ஆம் எனில் வழங்கப்பட்ட அவகாசத்தின் எண். —

தலைவர்/காரியதரிசி/தனி அலுவலர் கையொப்பம்.

No. 4091, Mallasamudram
Primary Agricultural Co-operative Bank Limited.

Application for Loan on Deposits

1. Name P. SANJAY
2. Address 361-A1, PALLIPALAYAM,
   NAMAKKAL - 638008
3. Amount of loan required Rs. 5,00,000/-
   and period of payment 60,000/-

DETAILS OF SECURITIES

4. Type of Deposit CURRENT ACCOUNT No. 6789
   Date 24/01/2023 Amount Rs. 5,00,000/-
   I / We request you to sanction the loan amount of
   Rs. 5,00,000
5. I/We tender the RDS / FD / RD
   Deposit Receipt / Pass Book No. 5577 herewith as security
   for the loan.

Place : Mallasamudram
Date 24/01/2023

P. Sanjay
Signature of the Depositor.

SECURITY DELIVERY LETTER

To

THE SECRETARY,
No. 10288, K.K.Valasai
Primary Agricultural Co-Operative Bank Ltd.,
K.K.Valasai.

Dear Sir,

Please take delivery of the under mentioned Pass Book / deposit receipt relating to my Fixed Deposit Account / Recurring Deposit Account / Reinvestment Deposit Account/ Puthayal Deposit Account and hold it as security for all monies now owing or which shall at any time hereafter be owing from me in any manner whatsover whether solely or jointly with others.

At any time or on the date of maturity of the said deposits, Please apply the proceeds of the said deposit or any portion of the deposit and interest accrued thereon, to my loan account and after satisfaction there of pay me the balance if any, by means of cash or cheque or money order.

Your's faithfully,

Pass Book / Receipt No. 35789 issued to me on 24/02/2023

Due date of the Deposit 24/02/2023

No. 001, Mallasamudram Primary Agricultural Co-op. Bank Ltd.

Date 24/02/2023

DEPOSIT LOAN ACKNOWLEDGEMENT CARD

Received from Thiru / Thirumathi SAFFREEN the CURRENT Deposit Receipt dt. 24/02/2023 for Rs. 6,00,000 Bearing No. A86 as Security for the loan applied for by him / her / them

Interest : %

Secretary.

DL. No.	Date	Amount Rs.	Due	L. F.	Initial
1.	24/02/2023	6,00,000	29/02/2023	6789	R.A.
2.	28/02/2023	30,000	06/03/2023	8703	R.A.

Date	Collection Prl. Rs.	Interest Rs.	Balance Rs.	Initial
24/02/2023	6,00,000	7600	6,07,600	R.A.
28/02/2023	30,000	600	30,600	R.A.

N. B. This card should be surrendered at the time of discharging the deposit loan.

தொடக்க வேளாண்மை கூட்டுறவு வங்கி லிமிடெட்.

பயிர்க்கடன் பத்திரம்

20 23 ம் ஆண்டு 02 மாதம் 24 த் தேதி நாமக்கல் மாவட்டம் திருச்செங்கோடு வட்டம் ஆரியம்பாளையம் கிராமத்தில் நிறுவப்பட்டிருக்கும் ஆரியம்பாளையம் தொடக்க வேளாண்மை கூட்டுறவு வங்கி செயலாளர் / தனி அலுவலர் அவர்களுக்கு கிராமத்தில் வசிக்கும் விவசாயம் சாதி விவசாயம் தொழில் இந்திய மகனும் மேற்படி வங்கியில் 1. என். உறுப்பினராயுள்ள சாதி தொழில் கிராமத்தில் வசிக்கும் மகனும் மேற்படி வங்கியில் 2. என். உறுப்பினராயுள்ள சாதி தொழில் கிராமத்தில் வசிக்கும் மகனும் மேற்படி வங்கியில் 3. என். உறுப்பினராயுள்ள சாதி தொழில் கிராமத்தில் வசிக்கும் மனைவி பயிர்க்கடன் பத்திரம். 4. ஆகிய நாங்கள் என். உறுப்பினராயுள்ள வரும் ஒருமித்து எழுதிக்கொடுத்த

2. எங்களில் யூனியன் வங்கி தனி அலுவலர் முன்னிலையில் குபாய். 1,50,000/- இலக்கமிட்டவர் நாளது தேதியில் மேற்படி வங்கியின் மகசூல் சாகுபடி செய்வதற்காக கடனாக பெற்றுக் கொண்டார். இந்த தொகை ரூ. (எழுத்தால் குபாய் பதினைந்தாயிரம் ஆண்டு 1-க்கு குபாய் 100-க்கு ரூ. வீதம் கூடும் வட்டியையும் அலையும்) க்கும் தேதிக்குள் கொடுத்து கடனை முழுவதும் கெடுவு தேதிக்குள் தீர்த்துவிடுகிறோம். அப்படி கெடுவுக்குள் செலுத்தத் தவறினால் உடனே எங்கள் கடன் கலைக்கை முடிவுகட்டி அப்படி முடிவு கட்டினதால் ஏற்படும் மொத்தத் தொகைக்கு களுக்கு முடிவு கட்டின தேதி முதல் கடன் தொகை வசூலாகும் தேதி வரையில் வருடம் 1-க்கு 100-க்கு ரூ. வீதம் வட்டி சேர்த்து அசல், வட்டி, செலவு முதலியவைகளையும் எங்களாலும் எங்கள் சொத்துக்களாலும் பங்கு வீதமில்லாமல் எங்கள் யாரொருவரிடமிருந்தாவது அல்லது எல்லோரிடத்திலிருந்தாவது சட்டப்படி வசூல் செய்து கொள்ளலாம்.

3. எங்களில் யூனியன் வங்கி இலக்கமிட்டவர் இந்த பத்திரத்தின் ஆதாரத்தின்பேரில் பெற்றுக்கும் கடன் தொகை. ரூ. 1,50,000/- ஐ கீழ்கண்ட நிலங்களில் பிரதி பயிர் செய்வதற்காக செலவிடுவார். இவ்விதம் பயிர் சாகுபடி செய்துவந்த விளை பொருளை ஆரியம்பாளையம் கூட்டுறவு விற்பனைச் சங்க மூலமாக விற்க கட்டுப்படுகிறோம். விற்றுவந்த விலையிலிருந்து மேற்படி விற்பனைச் சங்கத்தில் இந்த கடன் பாக்கியை பிடித்துக் கொள்ளவும் கட்டுப்படுகிறோம்.

4. நாங்கள் மேற்படி வங்கியில் இப்போதிருக்கும் விதிகளுக்கும் இனி ஏற்படும் விதிகளுக்கும் கட்டுப்பட்டவர்கள்.

5. நாங்கள் மேற்படி வங்கியில் வாங்கிய கடன் தொகைக்கு இந்தியன் சார்ல் வங்கி அவ்வப்போது நிர்ணயிக்கும் வட்டி விகிதத்தையே வட்டியாக செலுத்த ஒப்புக்கொள்கிறோம்.

பயிர் சாகுபடி செய்யும் நிலத்தின் விபரம்

சர்வே எண். 96762 பரப்பு ஏக்கர் 1 சென்ட் 50 விபரம் ராமாபுரம் கிராமம் கிழக்கில் உள்ளது

சாட்சி : 1. யாதினி

2. கனல

எழுதியவர் :

கையொப்பம்.

எங்கள் பரமுதலீடு டெபாசிட் திட்டத்தில் முதலீடு செய்துள்ள
S. 703, மல்லூர் தொடக்க வேளாண்மை கூட்டுறவு
வங்கி லிமிடெட்.

வரிசை எண். 2135 ரொக்கம்

கணக்கின் பெயர் தேமிப்பு தேதி 27/02 2023

கணக்கு எண். 1ஏ43215

பெயர் அரவிந்தன்

	ரூ.	பை.
தேமிப்பு கணக்கில் வரவு வைப்பதற்காக ரூபாய் பத்தாயிரம் செலுத்தப்பட்டது.	10000	
	10000/-	

ரூபாய் பத்தாயிரம்
மட்டும் பெற்றுக்கொள்ளப்பட்டது

அரவிந்த்
காசாளர்.

செயலாளர்.

S. 703, மல்லூர் தொடக்க வேளாண்மை கூட்டுறவு வங்கி லிமிடெட்.

வரிசை எண். 2135 கணக்கின் பெயர் தேமிப்பு கணக்கு எண். 1ஏ43215 தேதி 27/02 2023

	ரூ.	பை.
ரொக்கம்	10,000/-	
மொத்தம் ...	10000/-	

பெயர் அரவிந்தன்

தேமிப்பு கணக்கில் வரவு

வைப்பதற்காக ரூபாய் பத்தாயிரம்

செலுத்தப்பட்டது

செலுத்துபவரின் கையொப்பம் அரவிந்த்

ரூபாய் பத்தாயிரம்
மட்டும் பெற்றுக்கொள்ளப்பட்டது.

அரவிந்த்
காசாளர்.

பேரேடு பக்க எண் 2135

பதிவு எழுத்தர்.

செயலாளர்

S. 684 எகாபுரம்

தொடக்க வேளாண்மை கூட்டுறவு வங்கி லிமிடெட்

நகை மீட்டுக் கடன் விண்ணப்பம்

கடன் எண்.

நாள் 28/02/2023

1. உறுப்பினர் எண். மற்றும் பெயர் ... 366/தீபா

2. தகப்பனார் / கணவர் பெயர் — ஆறுமுகம்

3. வயது ... 21

4. முகவரி ... 367-A1, தாஜ்நகர், நாமக்கல்

5. தொழில் ... கூலி

6. கடன் கோரும் காரியம் ... விவசாயம்

7. விவசாயம் எனில்,

அ) நிலத்தின் பரப்பளவு ... 200 சதுரடி

ஆ) சாகுபடி செய்யும் பயிரின் பெயர் ... தோளம்

இ) அறுவடைக்காலம் ... ஏப்ரல்

8. கடன் தொகை ... 60000/-

9. வரப்தாக் காலம் ... 1 ஆண்டு 4 மாதம்

மேற்குறிப்பிட்ட உறுப்பினர் எண். 366/தீபா ஆகிய நான் எழுதிக்கொடுத்த விண்ணப்பம். இதனடியில் கண்ட நகைகளை வங்கி மதிப்பீளரால் மதிப்பீட்டப்பட்டு தங்கள் வங்கியில் ஈடு வைத்து கொண்டு, அதன் பேரில் எனக்கு கடனாக

ரூ. 60000 (ரூபாய் அறுபதாயிரம் மட்டும்)

விவசாயம் காரியத்திற்காக / செலவிற்காக 12 மாதம் / மூன்று ஆண்டு கால சம தவணையில் கொடுக்கும்படி கேட்டுக்கொள்கிறேன். மேற்படி நகைகள் எனக்கு சொந்தமானது என்றும். வேறு யாருக்கும் சொந்தம் இல்லை என்றும், போலி நகைகள் அல்ல என்றும், நல்ல உண்மையான தங்க நகைகள் என்றும், மேற்படி நகைகளை ஈடுவைக்க எனக்கு உரிமையுண்டு என்றும் தங்களை நம்பும்படியாக உறுதியாகச் சொல்கிறேன்.

நற்போதைய விலை நிலவரப்படி நான் கடுவித்துள்ள நகை நகைகளின் மதிப்பு குறைந்து போனால், அதனால் ஏற்படும் வித்தியாசத் தொகையைச் செலுத்தியபடியோ அல்லது அசல் தொகையைக் கெடு தேதிக்கு முன்னமே செலுத்தியபடியோ தாங்கள் கொடுக்கும் அறிவிப்புப்படி செலுத்த உடன்படுகிறேன். பின்னர், என்ட நகை மதிப்பாளரின் சரிபார்த்தபடி நகை மதிப்பீட்டை ஒப்புக்கொள்கிறேன். என்னைக் குறித்து இந்த விண்ணப்பத்தில் விவரித்துக்காட்டி இருக்கும் எல்லா விபரங்களும் உண்மை என உறுதி கூறுகிறேன். நான் கூட்டுறவு சட்டதிட்டங்களுக்கும் இப்போதுள்ள மற்றும் பிற வற்றுக்கும், உபவிதிகளுக்கும் இனி ஏற்படும் விதிகளுக்கும் உபவிதிகளுக்கும் கட்டுப்படுகிறேன்.

விண்ணப்பதாரர் கையொப்பம்.

வ. எண்.	நகைகளின் விபரம்		கி. கிராம்	மி. கிராம்
	மொத்த எடை	..	18	கிராம்
	தள்ளுபடி	...	10%	
	நிகர எடை	...	16%	
	மதிப்பு	...	60000	
	மொத்தம்			

மேற்கண்ட விபரப்படி எனது நகை விபரத்தையும், மதிப்பையும் ஒப்புக் கொள்கிறேன்.

விண்ணப்பதாரர் கையொப்பம்.

மேற்கண்ட விபரப்படி நகைகளின் மதிப்பு ரூ. 60000 என்று உறுதி கூறுகிறேன்.

நகை மதிப்பாளர் / உதவியாளர்.

சாட்சிகள் :

1) மோகனா

2) ரவி

நகையின் பேரில் பன்னை சார்ந்த/பன்னை சாராத/குறுகிய/மத்திய காலக் கடன் ரூ 60000 அனுமதிக்கப்பட்டது.

தலைவர் / தனி அலுவலர் / செயலாளர்.

சேலம் மாவட்ட மத்திய கூட்டுறவு வங்கி லிட்., எண். 151

நகை கடன் பதிவேடு

உ. எண் : 123

பெயர் : சுதா

முகவரி : சூரியம்பாளையம், திருச்செங்கோடு

நகை கடன் எண் : 356

நியமனதாரர் பெயர்

சன்மதி

க. தேதி	கடன் தொகை	காரியம்	வட்டி விகிதம்	தவணை தேதி	கடன் தீர்ந்த தேதி	
01/03/2023	60000	விவசாயம்	10 %	10/03/2023	31/03/2023	

ரூபாய்

நகைகளின் மதிப்பு

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—

மொத்த எடை : 18

நிகர எடை : 12

மதிப்பு : 60000

சாட்சிகள் :

1. சுகன்யா

2. ஜபரி

நகை மதிப்பீட்டாளர் கையொப்பம்

கிராம் மதிப்பு 18

கடன் தார் கையொப்பம்

மேலாளர்/கிளை மேலாளர்

சரிபார்க்கப்பட்டு இரட்டை பூட்டு பாதுகாப்புக்கு எங்களால் எடுத்து சொல்லப்பட்டது.

காசாளர்

மேலாளர்(காக)

மேலாளர்

கிளை மேலாளர்

நகைகளை சரிபார்த்து நல்ல நிலையில் திரும்ப பெற்றுக்கொண்டேன்.

சாட்சிகள்

கடன்தார் கையொப்பம்

1. சுகன்யா

2. ஜபரி

எங்களால் கொடுக்கப்பட்டது

ல திருப்பி

காசாளர்

மேலாளர்(காக)

மேலாளர்

கிளை மேலாளர்

கடன் எண்		கடன் வகுல் விபரம்								அசல் நிலுவை	எந்த தேதி வரை வட்டி	செலவு விபரம்			ஒப்பம்		
தேதி	அசல்	வட்டி ரூ.	வட்டி பை	பெருக்குத் தொகை								தேதி	விவரம்	தொகை ரூ. பை.	எ.	செ.	ஆ.
01/03/2021	60000	6000						6	0	0	0	60000							
01/03/2022	60000	6000															
01/03/2023	60000	6000															

BIN CARD

Bin No : 38 4765

Name of the Material : PIGMENT

Material code : X-60

Maximum stock level : 50000 Kg

Minimum stock level : 800 Kg

Reordering level : 25000 Kg

	Receipts		Issues		Balance	Stock verification		
Date	Goods received Note no.	Qty (Kgs)	Requisition Slip. No.	Qty (Kgs)	Quantity (Kgs)	Date	Remarks	Initial
01/04/20					2600	01/04/20		Anja
02/04/20			1	1000	24000	02/04/20		Anja
03/04/20	2	500			24500	03/04/20		Anja
04/04/20		500			25000	04/04/20		Anja
05/04/20				1000	24000	05/04/20		Anja
06/04/20				500	23500	06/04/20		Anja
07/04/20		600			24100	07/04/20		Anja
08/04/20		650		1050	24750	08/04/20		Anja
09/04/20				100	23700	09/04/20	✓	Anja

SIBI PROCESSING (INDIA) LIMITED

25A, Malayampalayam(post)
Pasur(via), Erode - 638154
www.sibi.com Ph: 0424-2338436, 2351869,9994885866
E-Mail: sibipil@yahoo.com Fax: 0424-2351888

COST SHEET

Particulars	Rs	Rs
Direct Materials	1,00,000	
Direct Labour	30,000	
Prime cost	1,30,000	
Add: Factory Overheads		
Wages of Forman	2500	
Oil and Water	500	
Factory Rent	6000	
Consumable Stores	2500	
Factory Cost	1,40,500	
Add: Administration overhead		
Office Rent	2500	
Office Lighting	500	
Manager Salary	6000	
Director Fees	1250	
Postage and Stationery	250	
Cost of Production	1,50,000	
Add: Selling and Distribution Expenses		
Carriage Outwards	365	
Salesmen Salary	1250	
Advertisement	1250	
Warehouse Charges	500	
Cost of Sales	153365	
Profit	36135	
SALES	1,89,500	

PLEASE USE BLOCK LETTERS

Life Insurance Corporation of India

(Established by the Life Insurance Corporation Act, 1956)

PROPOSAL FOR INSURANCE ON OWN LIFE

(Not to be used for Insurance on the Lives of Minors)

DIVISIONAL OFFICE : SALEM Branch Office : Salem

Proposal No.	F.No. 160 Rev. 02
Agent's Code Number: 1436	Branch: 603
Inward Number	Dev Code: 1076
Agent's Licence No.	Date: 13/03/2023
Date	
Whether in force	

All answers to be filled in legibly. Answers must be given in words. Stroke of the pen or dots or dashes will not be accepted as replies.

1 Full Name (Surname first) and Address to which communications are to be sent (in capital letters)

Subhasree.

Address Namakkal.

Ph- 638008

Pin 638110

Telephone-Resi.	Office	Mobile
		8248792221

e-mail-Id subha@gmail.com

Permanent Address

353, Namakkal,
Tamil Nadu.

Pin 638110

Object of Insurance	Place of Birth	Nationality	Sex M/F	Nature of Age-proof submitted	Age (nearer birthday)	Date of Birth
Savings	Salem	Indian	F	TC	21	08/07/2001

1A Short Name

Father's Full Name (Surname first)

2 Nominee's Full Name (Surname first) and address: Anumugam — Age: 52 — Relationship to yourself: Father

2A If Nominee is a Minor, Appointee's Full Name and Address — Age — Relationship to Nominee — Signature of Appointee as token of consent

3 Plan & Term	Sum Proposed Rs.	Term Rider Sum Proposed (if required) Rs.	Critical Illness Sum Proposed (if required) Rs.	PWB Sum proposed (if required) Rs.	Is accident benefit required Rs.	Amount Deposited Rs.	BSC No & Date
14-10	2,00,000	Yes	-	-	-	1450	1085

Mode (single / Yearly / Half-Yearly / Quarterly / Monthly / sss): Quarterly

Paying Authority Code | Dept. No. | If policy is to be dated back indicate date | Badge or S.R. No.

First Underwriting Decision with Underwriter's Full Signature with designation

4A Present Occupation: Business	Exact nature of Duties: Textile Business				
4B Name of present Employer & Address					Length of service with him
5 Educational Qualification	Annual Income Rs	Sources of Income: Business	If yes please give PAN No.	Are you an Income Tax Assessee?	

6 If you are employed in the Armed Forces, please state

Rank held	Rank Station	Date of last medical examination	Medical Category after Medical Examination	Were you ever below A-1 category? If so, when?

7 Is your life now being proposed for another assurance or an application for revival of a Policy on your life or for some alteration in any office of the Corporation & / any Insurance Company? If "Yes", give details

8A Has a Proposal for an application for revival of a Policy on your life made to any office of the Corporation / any Insurance Company ever been

(i) Withdrawn, Deferred, Dropped or Declined ? NO

(ii) Accepted with Extra premium or Lien ? NO

(iii) Accepted on terms otherwise than those proposed ? NO

8B Have you during past one year returned any policy of the Corporation as the same was not accepted by you? If so, give details

9 Please give details of your previous insurance (including Policies Surrendered / Lapsed during last 5 years):

Policy No.	Name of Insurance Co. (Life Insurance)	Table & Term	Sum Assured on main plan (Rs.)	Term Assurance Rider Sum Assured	Critical Illness Rider Sum Assured	Amount of Accident Benefit taken	Year of Issue	Whether accepted as proposed at Ordinary rates	Medical or Non-Medical	Whether in force for Full Sum Assured	If not, state the Sum Assured & premium paid or date surrendered
				NIL							

10 Particulars given in answer to the last two questions relate to the last two proposals made by me/us and to the last two policies issued on my/our life within the last 5 years.

11 Particulars given in answer to previous policy I shall/have been withdrawn, postponed or declined, give name of Insurer, date

Family History of the life to be assured	Living		Dead			
	Age	State of Health	Age of Death	Year of Death	Cause of Death	Duration of Illness
Father	62	Good				
Mother	40	Good				
Brothers Living No / Dead No	-	-				
Sisters Living No / Dead No	18	Good				
Husband / Wife	-	-				
Children Living No / Dead No	-	-				

Personal History	Answer 'Yes' or 'No'	If 'Yes', please give full details
(i) During the last five years did you consult a Medical Practitioner for any ailment requiring treatment for more than a week?	No	
(ii) Have you ever been admitted to any hospital or nursing home for general check up, observation, treatment or operation?	No	
(iii) Have you remained absent from place of work on grounds of health during the last 5 years?	No	
(iv) Are you suffering from or have you ever suffered from ailments pertaining to Liver, Stomach, Heart, Lungs, Kidney, Brain or Nervous system	No	
(v) Are you suffering from or have you ever suffered from Diabetes, Tuberculosis, High Blood pressure, Low Blood Pressure, Cancer, Epilepsy, Hernia, Hydrocele, Leprosy or any other disease?	No	
(vi) Do you have any bodily defect or deformity?	NO	
(vii) Did you ever have any accident or injury?	No	
(viii) Do you use or have you ever used (a) Alcoholic Drinks	No	
(b) Narcotics	No	
(c) Any other drugs	No	
(d) Tobacco in any form	No	
(ix) What has been your usual state of health?	Good	
(x) Have you ever received or at present availing/undergoing medical advice, treatment or tests in connection with Hepatitis B or an AIDS related condition?		
(xi) Are you wearing glasses? If so, power of glasses		
(xii) Missing teeth if any? If so, number missing	NO	
(xiii) Are you wearing well fitting denture? If so, for how many teeth?		
(xiv) Non-medical Cases, please state exact Height in cms. and Weight in kgs. without shoes:	Height 152	Weight 42

ADDITIONAL QUESTIONS IN THE CASE OF FEMALE LIVES

(i) Are you Pregnant now?	Date of last delivery 13/03/2023	Have you had any abortion or miscarriage or caesarian section? If so, give details.	Date of last Menstruation

(ii) Husband's Full Name	His age	His occupation	His Annual Income Rs

(iii) Name of Husband's Insurance | Present state of his health :

(iv) Policy No.	Insurance Companies from where the previous policy Policies have been purchased with address (If previous policies are from LIC of India, give name of Branch/DO)	Sum Assured Rs	Table & Term	Present Status of the Policy
	NIL			

14. Whether the terms & conditions of the proposed plan have been explained to you by the Agent? Yes/No ✓

15. Bank Account Details

a) Type of Account Saving / Current ✓

b) Your Account No. 2 5 1 0 0 0 1 1 1 4 0 1 5 0 1

c) 9 Digit MICR K V B 1 0 0 5 6 1

d) Name and Address of your Bank

State Bank of India,
Salem.

*Attach a Photocopy of cancelled cheque with the form.

SECTION 41 UNDER INSURANCE ACT, 1938

(1) No person shall allow or offer to allow, either directly or indirectly as an inducement to any person to take out or renew or continue insurance in respect of any kind of risk relating to lives or property in India, any rebate of the whole or part of the commission payable or any rebate of the premium shown on the policy, nor shall any person taking out or renewing or continuing a policy accept any rebate except such rebate as may be allowed in accordance with the published prospectuses or tables of the insurer. Provided that acceptance by an insurance agent of commission in connection with a policy of Life Insurance taken out by himself on his own life shall not be deemed to be acceptance of a rebate of premium within the meaning of this sub-section if at the time of such acceptance the insurance agent satisfies the prescribed conditions establishing that he is a bonafide insurance agent employed by the insurer.

(2) Any person making default in complying with the provisions of this section shall be punishable with fine which may extend to five hundred rupees.

N.B. : Rebate of premium shall be allowed only in accordance with the details given in the prospectus or table of premium rates or as the case may be, the relevant document, and that an offer or acceptance of any other rebate shall be an offence under section 41 of the Insurance Act, 1938.

SUMMARY OF SECTION 45 OF INSURANCE ACT, 1938

No policy of Life Insurance shall, after the expiry of two years from the date on which it was effected, be called in question by an Insurer on the ground that a statement made in the Insurance or in any report of a medical officer, or referee, or friend of the insured, or in any other document leading to the issue of the policy, was inaccurate or false, unless the insurer shows that such statement was on a material matter or suppressed facts which it was material to disclose and that it was fraudulently made by the policy holder and that the policyholder knew at the time of making it that the statement was false or that it suppressed facts which it was material to disclose.

Note : 'Material' shall mean and include all important, essential and relevant information in the context of underwriting the risk to be covered by the Corporation.

DECLARATION BY THE PROPOSER

I _____ the person whose life is herein before proposed to be assured
do hereby declare that the foregoing statements and answers have been given by me after fully understanding the question
are the same are true and complete in every particular and that I have not withheld any information and I do hereby agree and
declare that these statements and this declaration shall be the basis of the contract of assurance between me and the Life
Insurance Corporation of India and that if any untrue averment be contained therein the said contract shall be absolutely null
and void and all monies which shall have been paid in respect thereof shall stand forfeited to the Corporation.

Notwithstanding the provision of any law, usage, custom or convention for the time being in force and/or any doctor
hospital and / or employer from divulging any knowledge or information about me concerning my health or ailments on the
ground of secrecy. I, my heirs, executors, administrators and assignees or any other persons having such knowledge or
information, shall at any time be at a liberty to divulge any such knowledge or information to the Corporation.

And I further agree that if after the date of submission of the proposal but before the issue of the First Premium Receipt
(i) any change in my occupation or any adverse circumstances connected with my financial position or the general health of
myself or that of any members of my family, occurs or (ii) if a proposal for assurance or an application for revival of a Policy or
any bonus made to any office of the corporation has been withdrawn or dropped, deferred or accepted at an increased premium or
subject to a lien or terms other than as proposed I shall forthwith intimate the same to the Corporation in writing to reconsider
the terms of acceptance of assurance. Any omission on my part to do so shall render this Assurance invalid and all monies
which have been paid in respect thereof forfeited to the Corporation ANSWERS TO QUESTIONS ARE GIVEN AFTER READING
THE QUESTIONS CAREFULLY.

I certify that the contents of the form and documents have been fully explained to me by (Name and Designation)

M/s. Anavidhan and I have understood the significance of the proposed contract.

Dated at 13 on the Monday day of March 2023

Signature of Witness: Anavidhan

Name, Occupation & Address: Sree LIC Agent
518, Colony,
Pallipalayam, Namakkal

Anand
Signature or thumb impression of the person whose life is proposed to be assured

The answers and / or signature hereinabove are/is in vernacular then he/she should declare above his/her signature in own handwriting that the replies were given after fully and properly understanding the questions.

Declaration by the persons filling the form (in case form is filled up / signed in a language different from that of the proposal form)

Declarant's Name & Address: M Raja
Street, Salem.
Pin: 637018

"I hereby declare that I have fully explained the above questions to the Proposer and I have truthfully recorded the answers given by the Proposer."

Raja
Signature

IN CASE THE PROPOSER IS ILLITERATE: His/her thumb impression should be attested by a person of standing whose identity can easily be established, but unconnected with the Corporation and this declaration should be made by him.

Name & Address of the Declarant: KANMANI,
315 TATNAMAR,
NAMAKKAL - 637008
Pin: 637008

"I hereby declare that I have fully explained the contents of this Form to the Proposer in _____ language and that the Proposer has affixed the thumb impression above after fully understanding the contents thereof."

Raja
Signature

For Medical Cases only

* I certify that the Proposer has signed/put his/her thumb impression in my presence after admitting (his/)all the answers to Questions Nos. 10 and onwards of this form have been correctly recorded.

(Signature of the Medical Examiner)

Signature or thumb impression of the Life proposed

* Duplicate of thumb impression should be affixed in the presence of the Medical Examiner.

LIFE INSURANCE CORPORATION OF INDIA
DIVISIONAL OFFICE COIMBATORE

Branch Office : Kumarapalayam
Phone No. 8248792221 E-Mail : anavindhan203@gmail.com
please visit us at : www.licindia.com
E-mail Address : licbe@giasmd01.vsnl.net.in
To know your policy position, Please dial: 302888

PREMIUM INTIMATION LETTER

To Anavindhan,
012, Rajnagar,
Namakkal

Policy Number	Date of Commencement	Mode	Premium Amount
121499521	14/03/2023	Quarterly	20000/-
Plan & Term	**Sum Assured**	**Due date**	**Last Due Paid**
14-20	1,00,000/-	18/03/2023	30/03/2023
If Paid on or before		**Interest**	**Total Amount**
O/S Loan Amount		**First Loan Interest Due Date**	**Loan Interest Amount Due**
Reversionary Bonus Accrued as at 31st March (For with profit plans only)			
Insured and Life Saved			

Life Insurance Corporation of India
TIRUCHENGODE BRANCH

Agent Code: 1234 D. O. Code: 10TT Date 16/03/2023

வ. எண்.	பாலிசி எண்	பெயர்	தவணை எண்.	தொகை ரூ	தொகை காசு
1	614232121	சுகன்யா		10000	-
2					
3					
4					
5					
			மொத்தம்	10000/-	-

No.	Rs.	Ps.
1000 X		
500 X 20	10000	
100 X		
50 X		
20 X		
10 X		
5 X		
2 X		
1 X		
Total	10000/-	
Balance		

Date 16/3/23 Cashier

Life Insurance Corporation of India
TIRUCHENGODE BRANCH

வாழ்வில் வளம்பெற...

அன்புடன் இன்சூரன்ஸ்

Form NO. 2D

SARAL

ITS – 2D

Name: Anavindhan Anumugam

Father's name:

Address: 16, Pallipalayam, Namakkal

Permanent account number: 16 b23 PIN: 638008

Date of birth: 08/01/2001 Sex: Female

Status: Unmarried Telephone: 8248792221

Residential status: Resident Income of the Previous Year i.e.: 2021 to 2022

Ward/Circle: Salem Assessment Year: 2022 to 2023

Return: Original

Particulars of Bank accounts: (Mandatory in refund cases)

Name of the Bank	MICR Code	Address of the Bank Branch	Type of Account	Account Number	ECS (Y/N)

Credit card number: SB100208 Issued by: X - Savings

14	Income from salary (attach Form number 16)	701	1,80,000
15	Income from house property	702	2,10,000
16	(i) Income from business or profession	703	26000
	(ii) Profits and gains from transactions chargeable to securities transaction tax (included in (i) above)	597	20000

17 Capital gains	15/9		15/12		15/3		31/3		Total	
(a) Short-term (U/s 111A)	876	8000	877	40000	878	60000	879	80000	710	10000
(b) Short-term (Others)	645	4000	646	40000	647	60000	648	80000	704	10000
(c) Long-term	655	3000	656	40000	657	60000	658	80000	705	10000

18	Income from other sources	776	-
19	Income of any other person to be added	706	2,00,000
		775	1,80,000
21	Gross total income (15+16+17+18+19+20)	746	14,26,000
22	Less: Deduction under chapter VIA	747	80000
23	Total income (21 – 22)	750	1346000
24	Add: agricultural income (for rate purpose)	762	-
25	Income claimed to be exempt from income tax	125	-

26 Tax on total income

		Income		Income tax	
(a)	At normal rates	772	802		
(b)	At special rates	768	801	810	-

27 Less: Rebate: Sec 88 812 Sec 88B 813 Sec 88C 814 820 -

Sec88D 816 Sec 88E 818

28	Tax on profits and gains from transactions chargeable to securities transaction tax	816	-
(a)	Amount of securities transaction tax paid (Attach Form 10DB/10DC)	817	-
(b)	Rebate u/s 88E[lower of (i)/(ii) above]	818	-
29	Tax payable	826	800
30	Add: Surcharge	828	27800
31	Add: Education cess 2% Education Cess	834	-
32	Total tax payable: (28+29+30)	832	28000
33	Less: relief	832	-
34	Net tax payable	840	28000
35	Less: Tax deducted at source	873	-

36 Less: Advance tax paid

Name of the Bank Branch	BSR Code of Bank Branch	Date of deposit	Serial no. of Challan		Amount (Rs.)
Date of instalment	Up to 15/9 (858)	16/9 to 15/12 (859)	16/12 to 15/3 (860)	16/3 to 31/3 (861)		
Amount					862	
36a Add: Interest payable	234 A	234B	234 C	Total	851	
37 Less: Self-assessment tax paid					888	

Name of the Bank Branch	BSR Code of Bank Branch	Date of deposit	Serial no. of Challan		Amount (Rs.)
				891	

38 Balance tax: PAYABLE/ Refundable

Documents attached with the return

Form - 16

Verification

I (name in full and in block letters) son of ARUMUGAM, solemnly declare that to the best of my knowledge and belief, the information given in this return and the annexures and statements accompanying it are correct, complete and truly stated and in accordance with the provisions of the Income Tax Act, 1961, in respect of income chargeable to income tax for the previous year relevant to the assessment year

Seal

Signature of the receiving official

Receipt no: 234

Date: 17/05/2023

Place: Salem

Signature

Form No.49A

Form No.[illegible] 49A

025550566

Application for Allotment of Permanent Account Number
Under Section 139A of the income-Tax Act, 1961

(To avoid mistake(s), please follow the accompanying instruction and examples carefully before filling up the form)

To,

The Assessing Officer Salem

		Area Code	AO Type	Range Code	AO No.
Ward/Circle	Salem	1 2	1 3	1 0	2 1
Range	Salem				
Commissioner	Salem				

Only 'individuals' to affix recent photograph (3.5 cm x 2.5 cm)

Signature/Left Thumb Impression

Sir,

I/We hereby request that a permanent account number be allotted to me/us.
I/We give below necessary particulars:

1. Full Name (Full expanded name : initials are not permitted):

Please tick [✓] as applicable : Shri [ ] Smt [✓] Kumari [ ] M/s [ ]

Last Name/Surname: ARUMUGAM

First Name

Middle Name

2. Name you would like printed on the card: ANISHA A

3. Have you ever been known by any other name? Please tick [✓] as applicable Yes [ ] No [✓]

If yes, please give that other name.
(Full expanded name : Initials are not permitted) Shri [ ] Smt [ ] Kumari [ ] M/s [ ]

Last Name/Surname:

First Name

Middle Name

4. Father's Name (Only 'Individual' applicants: Even married women should give father's name only)

Last Name/Surname: ANWAR

First Name

Middle Name

5. Address:

R. Residential Address :

Flat/Door/Block No. 317-A1

Name of Premises/Building/Village TATNAGAR

Road/Street/Lane/Post Office PALLIPALAYAM

Area/Locality/Taluka/Sub-Division ODAPALLI

Town/City/District	State/Union Territory	Pin
NAMAKKAL	Tamil Nadu	6 3 8 0 0 8

O. Office Address : (Name of Office) (Indicating PIN is mandatory)

Flat/Door/Block No.

Name of Premises/Building/Village

Road/Street/Lane/Post Office

Area/Locality/Taluka/Sub-Division

Town/City/District	State/Union Territory	Pin

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6. Address for communication Please tick [✓] as applicable R [✓] or O [ ]

STD Code: 0 1 2 5 6 | Tel. Number: 2 9 3 5 6 7 | e-mail id: anisha200@gmail.com

8. Sex (For individuals / applicants only) Please tick (✓) as applicable — Male [ ] Female [✓]

9. Status of the Applicant : Please tick (✓) as applicable

Individual	I [ ]	Firm	F [ ]	Body of Individuals	B [ ]
Hindu Undivided Family	H [ ]	Association of Persons	A [✓]	Local Authority	L [ ]
Company	C [ ]	Association of Persons (Trusts)	T [ ]	Artificial Juridical Person	J [ ]

10. Date of Birth/Incorporation/Agreement/Partnership or Trust Deed/Formation of Body of Individuals/Association of Persons: D D 0 9 | M M 0 1 | Y Y Y Y 2 0 0 3

11. Registration Number (In case of Firms, Companies etc.)

12. Whether citizen of India? Please tick (✓) as applicable — Yes [✓] No [ ]

13. (a) Are you a salaried employee ? if yes, indicate : Government [ ] Others [✓]

Name of the Organisation where working: AA Company Pvt. Ltd.

(b) If you are engaged in a business / profession, indicate nature of business or profession and fill the relevant code:

Marketing

(c) If you are not covered by (a) or (b) above, indicate sources of income, if any

14. Full Name, address of the Representative Assessee, who is assessable under the Income Tax Act in respect of the person, whose particulars have been given in column 1 to 13

Full Name (Full expanded name : initials are not permitted): Please tick (✓) as applicable:

Shri [ ] Smt [ ] Kumari [✓] M/s [ ]

Last Name/Surname: ARUMUGAM | First Name:

Middle Name:

Address :

Flat/Door/Block No.: ANISHA A

Name of Premises/Building/Village: ERODE

Road/Street/Lane/Post Office:

Area/Locality/Taluka/Sub-Division: TIRUCHENGODE

Town/City/District: NAMAKKAL | State/Union Territory: Tamil Nadu | Pin: 6 3 7 2 3 1

(Indicating PIN is mandatory)

15. I/We have enclosed Electric Connection as proof of address and Ration Card as proof of identity

I/We Prasthi, the applicant, do hereby declare that what is stated above is true to the best of my/our information and belief.

Verified today, the 2 0 | 0 3 | 2 0 2 3 (D D M M Y Y Y Y)

A. Anja

Signature/Left thumb impression of Applicant (inside the box)

8 07 2023

தொடக்க வேளாண்மை கூட்டுறவு வங்கி லிட்.,
ஆமடையாகியபட்டி.

இட்டுவைப்பு ஆதாரக் கடன் பத்திரம்.

2023 ம் வருடம் 02 மாதம் 24 ந் தேதி நாமக்கல் மாவட்டம், திமராபாளையம்வட்டம், காடச்சநல்லூர் கிராமத்தில் ஸ்தாபிக்கப்பட்டிருக்கும் பள்ளிபாளையம் தொடக்கவேளாண்மை கூட்டுறவு வங்கியின் தனிஅலுவலர்/செயலாளர் அவர்களுக்கு வட்டம் திமராபாளையம் கிராமம் பள்ளிபாளையம் வசிக்கும் முதலியார் ஜாதி விவசாயம் தொழில் அருவிந்தன் குமாரரும் வங்கியின் 6678 உ. எண். நிரந்தரம் அங்கத்தினருமான கௌசிகா I. ஆகிய நான் எழுதிக்கொடுத்த இட்டுவைப்பு ஆதாரக் கடன் பத்திரம்.

2 நான் மேற்படி வங்கியில் நிரந்தரம் இட்டுவைப்பு எண் 6678 தேதி 24/02/2023 ல் இட்டுவைப்பு செய்துள்ள தொகை ரு. 60000 ன் ஆதாரத்தின் பேரில் நானது தேதியில் வங்கியில் விவசாயம் காரியத்திற்காக ரு. 60000 அறுபது ரூபாய் மட்டும் இட்டுவைப்பு ஆதாரக் கடனாகப் பெற்றுக்கொண்டேன். இந்த ரூபாய் 60000 க்கும் ஒரு ஆண்டு ஒன்றுக்கு ரூபாய் 100-க்கு ரு. 120 ஆக கூடும் வட்டியையும், அசலையும் 26/02/2023 தேதிக்குள் ஒரே மொத்தமாகவாவது சிலா சிலாவாகவாவது வங்கி விதிப்படி தவணை தவறாமல் கொடுத்து கடனை பூர்த்தியாய் மே கெடுவுக்குள் தீர்த்துவிடுகிறேன். அப்படி கெடுவுக்குள் செலுத்தத் தவறினால் உடனே என் இந்தக் கடன் கணக்கை முடிவு கட்டி அப்படி முடிவு கட்டினதால் ஏற்படும் மொத்தத் தொகைக்கு கணக்கு முடிவு கட்டின தேதி முதல் கடன் தொகை வசூலாகும் தேதி வரையில் ஒரு ஆண்டு ஒன்றுக்கு ரு. 100-க்கு ரு. _____ வீதம் வட்டி சேர்த்து கடன், அசல், வட்டி, செலவு முதலியவைகளையும் என்னாலும் மேலே காட்டியுள்ள என் இட்டுவைப்பு தொகையினாலும் என் ஜங்கம ஸ்தாவர சொத்துக்களாலும் பங்கு விதமில்லாமல் சட்டப்படி வசூல் செய்துகொள்ள சம்மதிக்கிறேன்.

3. நான் இப்போதிருக்கும் வங்கியின் விதிகளுக்கும் இனி ஏற்படும் விதிகளுக்கும் கட்டுப்படுகிறேன்.

சாட்சிகள்:

1. கௌசிகா
2. பார்வதி

கையொப்பம்.

எழுதியது:

எழுத்தர்.

SENGUNTHAR ARTS AND SCIENCE COLLEGE
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DEPARTMENT OF MICROBIOLOGY

Students Project 2022-2023

Degree / Branch / Year / Semester: *M.Sc/Microbiology/II/IV*
Academic year: 2022-2023

S.NO	ROLL.NO	NAMER OF THE STUDENT	Title of the Project
1	21M1101	DHIVYARAJ A	Production of enzyme biocleaner fom citrus fruit peel by using bacteria and yeast
2	21M1102	DILIP S	Isolation of *Bacillus thuringiensis* from soil against mosquito larvae
3	21M1103	DIVAKAR T	Phytochemical analysis antibacterial activity and FTIR analysis of Wheat and Ragi
4	21M1104	INDRAJITH P	Invitro Antibacterial activity of *Foeniculum vulgare* seed extract against human pathogenic bacteria
5	21M1105	KESAVAMURTHY R	Effect of *Trichederma viridae* against various plant pathogenic fungi
6	21M1106	MOHAMED ARESHATHALI M	Citric acid production by soilid state fermentation using *Aspergillus niger*
7	21M1107	MOHANRAJ D	Antifungal activity of garlic extract of fungal plant pathogens
8	21M1108	PUGAZHENDHI S	Comparative study of throat pathogens from smokers and non smokers
9	21M1109	SELVAGANAPATHI K	Estimation of antimicrobial activity of Neem and Tulsi
10	21M1110	SRITHAR A	Antimicrobial activity of *Coleus ambionics* against urinary tract infections
11	21M1111	SURESH S	Antimicrobial activity of *Phyllanthus amarus* against Urinary tract infections
12	21M1112	SUZZENDRAN D	Scrreningof phytochemical properties and antimicrobial activity of *Psidium guajuva* leaf extract against bacterial pathogens
13	21M1113	LAVANYA S	Coffee waste management
14	21M1115	SRISIKAA N	Extraction of nanocurcumin from turmeric and its pharmaceutical efficacy against vancomycin resistant *Staphylococcus aureus*

HEAD
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SENGUNTHAR ARTS & SCIENCE COLLEGE,
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SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

PRODUCTION OF ENZYME BIO-CLEANER FROM CITRUS FRUIT PEEL BY USING BACTERIA AND YEAST

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Mr. A. DHIVYARAJ

[Reg. No: C21PG127MIB001]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA

2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology.

Sengunthar Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06/05/2023

CERTIFICATE

This is to certify that the dissertation entitled on **"PRODUCTION OF ENZYME BIO-CLEANER FROM CITRUS FRUIT PEEL BY USING BACTERIA AND YEAST"** done by **A.DHIVYARAJ (Reg.No:C21PG127MIB001)** during academic year 2022-2023 in partial fulfillment for **Master Of Science in Microbiology**, Sengunthar Arts and Science College. Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

Head of the Department

Dr.P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE,
TIRUCHENGODE - 637 205, (TN).

Guide

Dr.P. VENKATACHALAM

Submitted for the viva-voice examination held no 06/05/2023

Examiners:

1.

2.

DECLARATION

I hereby declare that the dissertation entitled on **"PRODUCTION OF ENZYME BIO-CLEANER FROM CITRUS FRUIT PEEL BY USING BACTERIA AND YEAST"** submitted to Periyar University, salem, Tamilnadu, India. In partial fulfillment of **Master of Science In Microbiology**, is recorded of original work done by me under the Guidance of **Dr. P. Venkatachalam, M.Sc., M.Phil., Ph.D., Assistant Professor and Head, PG and Research Department of Microbiology, Senguthar Arts and Science College, Tiruchengode**, and it has not previously formed the basis for the award of degree, diploma, associate ship, fellowship, or other similar title to any candidate of any university.

Counter Signed by Guide

DR. P. VENKATACHALAM

Signature of the student

A. DHIVYARAJ

ACKNOWLEDGMENT

It is with greatest pleasure, I look back to acknowledge several people who had been a source of inspiration, encouragement throughout my project work.

With great sense of truthfulness, I render my gratitude and sincere thanks to my guide and supervisor, **Dr.P.Venkatachalam, M.Sc., M.Phil., Ph.D.,** Assistant Professor and Head, Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode for provided me an opportunity to do my M.Sc research and which has enriched me tremendously. He has taught me how to critically approach a difficult problem to seek a solution through perseverance and hard work.

I am deeply grateful to our Excellency our College, Correspondent **Prof.A.Baladhandapani, M.A., M.Phil.,**

Dr. S. Ravikumar,M.Sc., M.Phil., Ph.D., Principal Sengunthar Arts and Science College, Tiruchengode, for the encouragement during the entire course of study for providing me an opportunity to undertake this study.

I express my deep sense thanks to **Dr.P.Venkatachalam, M.Sc., M.Phil., Ph.D.,** Assistant Professor and Head, Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode for providing all the facilities for the successful completion of this project work

My heartfelt thanks to my faculty members **Dr. P. Ashok kumar, M.Sc., Ph.D., Ms. T. Nivedharshini, M.Sc., M.Phil.,** and **T.R. Prakash M.Sc., M.Phil.,** Assistant professor, Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode for their encouragement and support.

It is time to my special thanks to lab attender and office staffs **Mr. K. P. Gopal** and **Mrs. D. Santhakumari** for their timely help during my project work.

I express my lovely thanks to my **classmates, friends** and **my beloved parents** for their support, valuable suggestion and timely help during the course of period for the successful completion of my dissertation work. I express my heartfelt thanks to my **colleagues, friends** for their incessant help throughout the project work.

I will be failing in my duty if I do not express my deepest gratitude to those microbes, who sacrificed their life during my experiment.

SUMMARY

In the present study, the *Bacillus subtilis* and *S.cerevisiae* had significant ability to oduce mixture of enzymes under fermentation process using fruit waste as substrate. *Bacillus btilis* showed sustainable ability to produce amylase, protease, cellulase and lipase enzymes der Submerged Fermentation. After fermentation of one month, crude solution was filtered d analysed further for presence of different enzymes. Based on these tests different application e proposed. The formation of clear zone around the colonies confirms the production of kaline protease. The zone of hydrolysis and clearance indicates the presence of amylase and pase enzyme. Cellulase production is visualized by a translucent zone around the colonies.

Antimicrobial activity of Bio-enzyme solution has been evaluated. The zone around the ell was observed, which indicates the bio-enzyme solution kill the microbes present in the rface of the various places. A Bio-enzyme made from lemon peel is especially more effective om the orange peel and Makrut lime peel.

ISOLATION OF *Bacillus thuringiensis* FROM SOIL AGAINST MOSQUITO LARVAE

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Mr. S. DILIP

[Reg. No: C21PG127MIB002]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA

2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology.

Sengunthar Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06/05/2023

CERTIFICATE

This is to certify that the dissertation entitled on **"Isolation of *Bacillus thuringiensis* from soil Against Mosquito Larvae"** done by **S.DILIP (Reg.No:C21PG127MIB002)** during academic year 2022-2023 in partial fulfillment for **Master Of Science in Microbiology**, Sengunthar Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

Head of the Department

Dr.P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205. (TN).

Guide

Mr T.R. Prakash

Submitted for the viva-voice examination held on 06/05/2023

Examiners:

1.

2.

DECLARATION

I hereby declare that the dissertation entitled on **"Isolation of *Bacillus thuringiensis* from soil Against Mosquito Larvae"** submitted to Periyar University, salem, Tamilnadu, India. In partial fulfillment of **Master of Science In Microbiology**, is recorded of original work done by me under the Guidance of **Mr. T.R. Prakash M.Sc., M.Phil.,** Assiatant Professor, **PG and Research Department of Microbiology, Senguntar Arts and Science College, Tiruchengode**, and it has not previously formed the basis for the award of degree, diploma, associate ship, fellowship, or other similar title to any candidate of any university.

T. R. Prakash 02/05/2023.
Counter Signed by Guide

Mr T.R. Prakash

S. Dilip
Signature of the student

S. DILIP

ACKNOWLEDGMENT

It is with greatest pleasure, I look back to acknowledge several people who had been a source of inspiration, encouragement throughout my project work.

With great sense of truthfulness, I render my gratitude and sincere thanks to my guide and supervisor, **Mr. T.R. Prakash M.Sc., M.Phil.,** Assistant Professor, Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode for provided me an opportunity to do my M.Sc research and which has enriched me tremendously. He has taught me how to critically approach a difficult problem to seek a solution through perseverance and hard work.

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Dr. S. Ravikumar, M.Sc., M.Phil., Ph.D., Principal Sengunthar Arts and Science College, Tiruchengode, for the encouragement during the entire course of study for providing me an opportunity to undertake this study.

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I will be failing in my duty if I do not express my deepest gratitude to those microbes, who sacrificed their life during my experiment.

SUMMARY

Bacillus thuringiensis is a ubiquitous gram positive and spore forming bacterium, the organism produce intracellular crystalline proteins which are topic to insects during the sporulation phase of its growth cycle because of its insectividal activity *Bacillus thuringiensis* has been used for a long time as a biopesticide. However it is still necessary to search for more toxin to control insects orders which have the ability to develop resistance against such pesticide and to also provide alternative for chemical insecticide. Mosquito – toxin stains of *Bacillus thuringiensis* have been reported from different continent and their source include soil, plant, insect, animal feces and water. *Bacillus thuringiensis* belonged to other subspecies/serotype, within the subspecies there strain which exhibited different level of toxicity against the target organisms. Some were very high, while some are high, some moderate, others poor and non toxic, and certain subspecies showed dual toxicity to mosquito larvae.

A classical features of all the mosquitocidal *Bacillus thuringiensis* strain is that they all posses a large transferable plasmid which is responsible for the toxicity and it carries cry genes that code for cry toxins. Loss of plasmid from *Bacillus thuringiensis* strain is likely to make them non pathogen or non toxin.

The results obtained in this study clearly demonstrated the efficiency of the *Bacillus thuringiensis* in controlling mosquito larvae. The use of *Bacillus thuringiensis* as a biocontrol agent against mosquito larva is preferred as it is environmentally friendly and does not deplete the ozone layer unlike the regular pesticides used in killing mosquitoes in most communities.

It is still necessary to search for more microbial toxins to control insects' orders which have the ability to develop resistance against selected insecticides. Screening of soil samples from different sources and habitats may be useful to obtain *Bacillus thuringiensis* strain with broader host ranges and novel crystal proteins.

Bacillus thuringiensis naturally found in the soil has proved to be a good larvicidal agent against mosquito larvae in the laboratory. The organism and it product can be further studied to search for novel compounds that can be used in the control of mosquito-borne diseases such as malaria.

PHYTOCHEMICAL ANALYSIS, ANTIBACTERIAL ACTIVITY AND FTIR ANALYSIS OF WHEAT AND RAGI AGAINST BACTERIA CAUSING NOSOCOMIAL INFECTION

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Mr .T. DIVAKAR

[Reg. No: C21PG127MIB003]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA

2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology.

Senguntbar Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06/05/2023

CERTIFICATE

This is to certify that the dissertation entitled on **"Phytochemical analysis, Antibacterial activity and FTIR analysis of Wheat and Ragi against bacteria causing nosocomial infection"** done by **T.DIVAKAR (Reg.No:C21PG127MIB003)** during academic year 2022-2023 in partial fulfillment for **Master Of Science in Microbiology,** Senguntbar Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

Head of the Department

Dr.P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
KONGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205, (TN).

Guide

MS. T.NIVEDHARSHINI

Submitted for the viva-voice examination held no 06/05/2023

Examiners:

1. _____

2. _____

DECLARATION

I hereby declare that the dissertation entitled on **"Phytochemical analysis, Antibacterial activity and FTIR analysis of Wheat and Ragi against bacteria causing nosocomial infection"** submitted to Periyar University, salem, Tamilnadu, India. In partial fulfillment of **Master of Science In Microbiology**, is recorded of original work done by me under the Guidance of **Ms. T. NIVEDHARSHINI, M.sc., M.phil.,** Assiatant Professor, **PG and Research Department of Microbiology, Senguntbar Arts and Science College, Tiruchengode,** and it has not previously formed the basis for the award of degree, diploma, associate ship, fellowship, or other similar title to any candidate of any university.

Counter Signed by Guide

MS. T. NIVEDHARSHINI

Signature of the student

T.DIVAKAR

ACKNOWLEDGMENT

It is with greatest pleasure, I look back to acknowledge several people who had been a source of inspiration, encouragement throughout my project work.

With great sense of truthfulness, I render my gratitude and sincere thanks to my guide and supervisor, **MS. T. NIVEDHARSHINI, M.Sc., M.Phil.,** Assistant Professor, Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode for provided me an opportunity to do my M.Sc research and which has enriched me tremendously. He has taught me how to critically approach a difficult problem to seek a solution through perseverance and hard work.

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SUMMARY

This study showed the presence of various phytochemicals in the various extracts of wheat and ragi. The antibacterial efficacy of *Triticum aestivum* and *Eleusine coracana* against pathogenic microorganisms could be assigned to number of phytochemicals such as flavonoids, alkaloids, tannins and phenols and also the presence of various functional groups. These findings concludes that it can be used as an alternative to antibiotic drugs against the bacteria causing nosocomial infection.

IN VITRO ANTIBACTERIAL ACTIVITY OF *FOENICULUM VULGARE* SEED EXTRACT AGAINST HUMAN PATHOGENIC BACTERIA

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN

MICROBIOLOGY

Submitted by

Mr.P.INDIRAJITH

[Reg. No: C21PG127MIB004]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCECOLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205

TAMILNADU,INDIA

2022-2023

Dr.P.VENKATACHALAM M.Sc., M.Phil.,Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology,

Sengunthar Arts and Science College,

Tiruchengode -637205. Tamilnadu, India.

Date:
06.05.2023

CERTIFICATE

This is to certify that the dissertation entitled on " **In vitro Antibacterial Activity of *Foeniculum vulgare* Seed Extract Against Human Pathogenic Bacteria"** done by **P.INDIRAJITH(Reg. No. C21PG127MIB004)** during academic year 2022 -2023 in partial fulfillment for **Master of Science in Microbiology**, Sengunthar Arts and Science College, Tiruchengode, under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

A.P. 6/5/23

Head of the Department

Dr. A. P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE 637 205 (TN)

Guide

Dr. P. ASHOK KUMAR

Submitted for the viva-voice examination held on 06.05.2023

Examiners

1. 6/5/23

2. 6/5/23

DECLARATION

I hereby declare that the dissertation entitled " **In vitro Antibacterial Activity of *Foeniculum vulgare* Seed Extract Against Human Pathogenic Bacteria**" submitted to Periyar University, Salem, Tamilnadu, India. In partial fulfillment of **Master of Science in Microbiology**, is recorded of original work done by me under the guidance of **Dr. P. ASHOK KUMAR, M.Sc., Ph.D.,** Assistant Professor, **PG and Research Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode,** and it has not previously formed the basis for the award of degree, diploma, associateship, fellowship, or other similar title to any candidate of any University.

Counter Signed by Guide

Dr. P. ASHOK KUMAR

P Indirajith

Signature of the student

P.INDIRAJITH

ACKNOWLEDGMENT

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I will be failing in my duty if I do not express my deepest gratitude to those microbes, who sacrificed their life during my experiment.

SUMMARY

...cherichia coli, Klebsiella pneumoniae, Pseudomonas aeruginosa and staphylococcus ...ere collected. *Foeniculum vulgare* seeds were collected from local market at Tiruchengode. ...y methanol extract and aqueous extract were prepared. Antibacterial activity of aqueous ...hanolic extract was tested of pathogenic bacteria by disc diffusion method .They are ...d for 48hrs at 37°c.

...tibacterial effect of the methanol extract showed the higest inhibition of pathogenic ... *K pneumoniae*. The zone indicates the activity of *F.vulgare* in respectively.

...his results suggested both extract as a antibacterial activity of pathogenic bacteria from ...*ium vulgare*.

EFFECT OF *Trichoderma viride* AGAINST VARIOUS PLANT PATHOGENIC FUNGI

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Mr. R.KESAVAMURTHIY

[Reg. No: C21PG127MIB005]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA
2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology.

Sengunthar Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06-05-2023

CERTIFICATE

This is to certify that the dissertation entitled on **"EFFECT OF *TRICHODERMA VIRIDE* AGAINST VARIOUS PLANT PATHOGENIC FUNGI"** done by R.KESAVAMURTHY **(Reg.No:C21PG127MIB005)** during academic year 2022-2023 in partial fulfillment for **Master Of Science in Microbiology**, Sengunthar Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

Head of the Department

Dr.P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE,
TIRUCHENGODE - 637 205, (TN).

Guide

MR.T.R.PRAKASH

Submitted for the viva-voice examination held no 06-05-2023

Examiners:

1.

2.

DECLARATION

I hereby declare that the dissertation entitled on **"EFFECT OF *TRICHODERMA VIRIDE* AGAINST VARIOUS PLANT PATHOGENIC FUNGI"** submitted to Periyar University, salem, Tamilnadu, India. In partial fulfillment of **Master of Science In Microbiology**, is recorded of original work done by me under the Guidance of **Mr T.R.PRAKASH, M.sc., M.phil.,** Assiatant Professor, **PG and Research Department of Microbiology, Senguntbar Arts and Science College, Tiruchengode,** and it has not previously formed the basis for the award of degree, diploma, associate ship, fellowship, or other similar title to any candidate of any university.

T. R. P 02/05/2023

Counter Signed by Guide

Mr.T.R.PRAKASH

R. Kesavamurthy

Signature of the student

R.KESAVAMURTHY

ACKNOWLEDGMENT

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I will be failing in my duty if I do not express my deepest gratitude to those microbes, who sacrificed their life during my experiment.

SUMMARY

- The antagonistic activity of *Trichoderma viride* against different phytopathogenic fungi was investigated *Trichoderma viride* were isolated from soil sample
- The effectiveness of *Trichoderma viride* against the phytopathogenic fungi was evaluated by Dual culture Technique method
- Phytopathogenic fungi were isolated from infected banana,mango and guava leaf. Isolated three different fungus They are *Fusarium oxysporum,Cochilibolus geniculatus* and *Phytopthora parasitica*
- Antagonistic effect of the *Trichoderma viride* was very effective against *Fusarium oxysporum, Cochilibolus geniculatus* and *Phytopthora parasitica*
- Hence *Trichoderma viride* is recommended to control diseases in plants caused by *Fusarium oxysporum, Cochilibolus geniculatus* and *Phytopthora parasitica.*

CITRIC ACID PRODUCTION BY SOLID STATE FERMENTATION USING *Aspergillus niger.*

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Mr. M. MOHAMED ARESHATHALI

[Reg. No: C21PG127MIB006]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA

2022-2023

Dr. P. Venkatachalam, M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology,

Sengunthar Arts and Science College,

Tiruchengode - 637205. Tamilnadu, India.

Date: 06/05/2023

CERTIFICATE

This is to certify that the dissertation entitled on **"CITRIC ACID PRODUCTION BY SOLID STATE FERMENTATION USING *Aspergillus niger*"** done by **M. MOHAMED ARESHATHALI (Reg. No. C21PG127MIB006)** during academic year 2022 -2023 in partial fulfillment for **Master of Science in Microbiology**, Sengunthar Arts and Science College, Tiruchengode, under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

Head of the Department

Dr. A. P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205. (TN).

Guide

Dr. P. ASHOK KUMAR

Submitted for the viva-voice examination held on 06/05/2023

Examiners

1. _____

2. _____

DECLARATION

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Counter Signed by Guide

Dr. P. ASHOK KUMAR

Signature of the student

M. MOHAMED ARESHATHALI

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SUMMARY

- Citric acid producing strains of *Aspergillus niger* were isolated from the soil.
- Selected isolate was used in the solid state fermentation studies and the organism was maintained in PDA slants at 4°c.
- Substrates used in the study: Sugar cane bagasse.
- Spore concentration used $2x10^6$spores/ml; Fermentation temperature: 30°C period 9 days.
- Each day citric acid production and sugar consumed were estimated.
- Sugar was estimated by dinitro salicylic acid and citric acid was estimated by acetic anhydride-pyridine method.
- The effect of different parameters like moisture content, particle size, sugar leave and methanol concentration in the medium were studied.
- Citric acid production and sugar consumption were higher in bagasse medium.
- The maximum citric acid concentration on bagasse medium was 9.4g/100gof dry solids used after 9 days of fermentation.
- Fermentation was carried at a moisture level of 65% and sugar level 29.6g/100g of dry solids for the production of citric acid. Maximum citric acid concentration 12.1g/100g of dry solid was obtained in medium M3 (particle size 1.2-1.6 mm) with a yield of 38.8% and sugar consumption of 97.5%.
- Citric acid production increased with increasing methanol concentration in the medium upto 4%.
- SSF was carried out using clarified and nonclarified bagasse in the presence of methanol.
- In the presence of methanol, the maximum concentration of citric acid 19.8 and 17.9g/100g of dry solid with yield of 64.5% and 60.3% was obtained from clarified and nonclarified bagasse in SSF.

ANTIFUNGAL ACTIVITY OF GARLIC EXTRACT TESTED ON FUNGAL PLANT PATHOGENS

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Mr. D.MOHANRAJ

[Reg. No: C21PG127MIB007]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA

2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology,

Senguntha Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06 – 05 – 2023

CERTIFICATE

This is to certify that the dissertation entitled on **"ANTIFUNGAL ACTIVITY OF GARLIC EXTRAXT TESTED ON FUNGAL PLANT PATHOGENS"** done by **D.MOHANRAJ (Reg.No:C21PG127MIB007)** during academic year 2022-2023 in partial fulfillment for **Master Of Science in Microbiology**, Senguntha Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

A.P. 8/5/23

Head of the Department

Dr.P. VENKATACHALAM
HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205. (TN)

A.P. 8/5/23

Guide

Dr.P. VENKATACHALAM

Submitted for the viva-voice examination held no 06 - 05 - 2023

Examiners:

1.

2. 06/05/23

DECLARATION

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Counter Signed by Guide

Dr.P.VENKATACHALAM

Signature of the student

D.MOHANRAJ

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I will be failing in my duty if I do not express my deepest gratitude to those microbes, who sacrificed their life during my experiment.

SUMMARY

Garlic has a long history of reputed value and actual use for its medicinal antimicrobial and pesticidal properties. Garlic juice extract belongs to such non-traditional treatments and among the natural fungicide substances, it has been found most active against many fungal species. Certain protective fungicides although hazardous to environment are still used for the control of fungal diseases. Likewise, use of pesticides of plant origin have been suggested by some workers as alternative to synthetic chemicals in order to counter the potential hazardous effect on the environment associated with the use of synthetic chemicals.

In the present study, plant pathogens such as, *Aspergillus niger*, *Fusarium oxysporum* and *Alternaria solani* were used as the test materials. Aqueous garlic extact was prepared and it was diluted to different concentrations, those dilutions were used to test the effect of mycelia growth and spore germination.

Mycelial growth and spore germination were completely inhibited at high concentrations of garlic extracts led to the reduction of mycelia growth and spore germination in all the phyto pathogenic fungi were tested.

COMPARATIVE STUDY OF TIIROAT PATHOGENS FROM SMOKER'S AND NON SMOKER'S

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Mr. S. PUGAZHENDHI

[Reg. No: C21PG127MIB008]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA
2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology.

Sengunthar Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06/05/2023

CERTIFICATE

This is to certify that the dissertation entitled on **"Comparative study of throat pathoges from Smoker's and non Smoker's"** done by **S.PUGAZHENDHI (Reg.No:C21PG127MB008)** during academic year 2022-2023 in partial fulfillment for **Master Of Science in Microbiology**, Sengunthar Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

Head of the Department

Dr.P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205. (TN).

Guide

MS. T.NIVEDHARSHINI

Submitted for the viva-voice examination held no 06/05/2023

Examiners:

1.

2.

DECLARATION

I hereby declare that the dissertation entitled on **"Comparative study of throat pathoges from Smoker's and non Smoker's"** submitted to Periyar University, salem, Tamilnadu, India. In partial fulfillment of **Master of Science In Microbiology,** is recorded of original work done by me under the Guidance of **Ms. T. NIVEDHARSHINI, M.sc., M.phil.,** Assiatant Professor, **PG and Research Department of Microbiology, Senguthar Arts and Science College, Tiruchengode,** and it has not previously formed the basis for the award of degree, diploma, associate ship, fellowship, or other similar title to any candidate of any university.

Counter Signed by Guide

MS. T. NIVEDHARSHINI

Signature of the student

S.PUGAZHENDHI

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I will be failing in my duty if I do not express my deepest gratitude to those microbes, who sacrificed their life during my experiment.

UMMARY

The Throat swabs were collected from smokers and non - smokers in Namakkal district. amples can be inoculated in to the Blood agar, MacConkey's agar, Nutrient agar, Fluid oglycolate, Mannital salt agar plates and incubated at 37 ° C for 24 hours. After incubation served the colony morphology and cultural characters of the colonies. The suspected colonies of thogens were isolated by biochemical tests, such as catalase, coagulase, urease, nitrate, gelatin quification tests, etc.,The conformed pathgoens were inoculated into nutrient broth and incubated ° C for 4 -5 hours. Then inoculated into Nutrient agar plate and Fluid Thioglycolate and placed the tibiotic dises (Amikacin, Ceftriaxone, Tetracycline, Gentamycin and Erythromycin) and incubated 37 ° C for 24 hours. The zone of inhibition was observed and measured by um in diameter. The ne of inhibition (um) was interprated with standard chart and identified drug resistance. nsequently extensive studies have also been performed in this work.

ESTIMATION OF THE ANTIMICROBIAL ACTIVITY OF NEEM AND TULSI

Submitted To The Periyar University In Partial Fulfillment Of The Requirement For The Award Of The Degree Of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

MR.K.SELVAGANAPATHI

[Reg. No: C21PG127MIB009]

PG & RESEARCH DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205

TAMILNADU, INDIA

2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology.

Sengunthar Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06/05/23

CERTIFICATE

This is to certify that the dissertation entitled on **"ESTIMATION OF THE ANTIMICROBIAL AVTIVITY OF NEEM AND TULSI"** done by **K.SELVAGANAPATHI (Reg.No:C21PG127MIB009)** during academic year 2022-2023 in partial fulfillment for **Master Of Science in Microbiology**, Sengunthar Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

Head of the Department

Dr.P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE,
TIRUCHENGODE - 637 205, (TN).

Guide

Dr. P. Ashok kumar

Submitted for the viva-voice examination held no 06-05-23

Examiners:

1.

2.

DECLARATION

I hereby declare that the dissertation entitled on **"ESTIMATION OF THE ANTIMICROBIAL ACTIVITY OF NEEM AND TULSI"** submitted to Periyar University, salem, Tamilnadu, India, In partial fulfillment of **Master of Science In Microbiology**, is recorded of original work done by me under the Guidance of **Dr. P. ASHOK KUMAR, M.Sc., Ph.D.**, Assistant Professor and Head, **PG and Research Department of Microbiology, Senguthar Arts and Science College, Tiruchengode,** and it has not previously formed the basis for the award of degree, diploma, associate ship, fellowship, or other similar title to any candidate of any university.

Counter Signed by Guide

Dr. P. ASHOK KUMAR

Signature of the student

K. SELVAGANAPATHI

ACKNOWLEDGMENT

It is with greatest pleasure, I look back to acknowledge several people who had been a source of inspiration, encouragement throughout my project work.

With great sense of truthfulness, I render my gratitude and sincere thanks to my guide and supervisor, **Dr.P.Ashok Kumar,M.Sc.,Ph.D.,** Assistant Professor, Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode for provided me an opportunity to do my M.Sc research and which has enriched me tremendously. He has taught me how to critically approach a difficult problem to seek a solution through perseverance and hard work.

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SUMMARY

This project aimed at the determination of antimicrobial activity of local plants in against ...m pathogenic bacteria collected from hospitalwas -processed for the isolation and ...ification of pathogenic bacteria.

The hospital was obtained from a station Pathogens such as Staphylococcus aureus, ...ebsella sp Salmonella sp and E.coli were identified in the sample. concentration was ...rmined by hole plate method.

The leaves of local plants namely, Neem,Tulsi holy basil were taken and a methanol ...ract was prepared.

Antimicrobial activty of the leef extracts at varying Of the Two plants used henna was ...nd to be effective against all the pathogens, while the others were effective only against some ...the pathogens at different concentrations.

Recently there has been considerable interest in the use of plant material as an alternative ...thod to control pathogenic microorganism and many components of plants products have been ...wn to be specially targeted against resistant pathogenic bacteria. The emergence of multidrug ...stant strain of many pathogens is a serious threat and makes chemotherapy more difficult. ...reover, the current cost of most of the chemotherapeutic agents is unbearable to the public ...cially in developing countries like India .

Therefore attempts must be directed towards the development of effective natural, non- ...drug for treatment.

The present work was a explore the antimicrobial property of *Azadiraachta indica ...m) and Ocimum tenuiflorum(Tulasi)* Many reports are available on the antiviral, ...bacterial antifungal, anthelmintic, antimolluscal and Antimicrobial Activity of Medicinal ...s Against Human Pathogenic Bacteria inflammatory properties of plants (Mahesh and ...h, 2008).

The methanol leaf extract of *Azadiraachta indica (Neem) and Ocimum tenuiflorum ...sil)* showed the activity against all the four tested microorganisms but the activity was very ...ficant against . The plant based products have been effectively proven for their utilization as ...e for antimicrobial compounds. For instance, methanol extracts of A. ferox and W. ...ifera exhibited inhibitory activity against all strains of N. gonorrhoea (Kambizi and ...yan, 2008).

The methanol and aqueous extract of medicinal plants were significantly active against ...phylococcus species (Selvamohan 2012). The antimicrobial activities and phytochmical

creening of leaf extracts showed significant antimicrobial activity *Azadiraachta indica (Neem)* nd *Ocimum tenuiflorum(Tulasi)* and photochemical constituents showed most of the ctibacterial activities (Bipul Biswas 2013).

The present study shows that the methanolic and aqueous extract of leaves of have all the ytochemical constituent studied with negligible variation.

Thus, the significant activity against *K.pneumoniae* and *E.coli* may be due to their ytochemical or secondary metabolites

It is concluded that this study would lead to the establishment of some valuable mpound that has to be used to formulate new, different and more potent antimicrobial drugs of tural origin. Further studies are needed to identify the biologically active compounds and to aluate the efficiency of the compound against pathogenic microorganisms associated with rious human diseases

ANTIMICROBIAL ACTIVITY OF *Coleus ambonicus* AGAINST URINARY TRACT BACTERIAL PATHOGENS

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Mr. A. SRITHAR

[Reg. No: C21PG127MIB010]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA

2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology.

Senguntha Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06/05/2023

CERTIFICATE

This is to certify that the dissertation entitled on **"Antimicrobial activity of *Coleus amboinicus* against urinary tract bacterial pathogens"** done by **A.SRITHAR (Reg.No:C21PG127MIB010)** during academic year 2022-2023 in partial fulfillment for **Master of Science in Microbiology**, Senguntha Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

Head of the Department

Dr.P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205. (TN).

Guide

MS. T.NIVEDHARSHINI

Submitted for the viva-voice examination held on 06/05/2023

Examiners:

1.

2.

DECLARATION

I hereby declare that the dissertation entitled on "**Antimicrobial activity of *Coleus amboinicus* against urinary tract bacterial pathogens**" submitted to Periyar University, salem, Tamilnadu, India. In partial fulfillment of Master of Science In Microbiology, is recorded of original work done by me under the Guidance of **Ms. T. NIVEDHARSHINI, M.sc., M.phil.,** Assistant Professor, PG and Research Department of Microbiology, Senguntha Arts and Science College, Tiruchengode, and it has not previously formed the basis for the award of degree, diploma, associateship, fellowship, or other similar title to any candidate of any university.

Counter Signed by Guide

MS. T. NIVEDHARSHINI

Signature of the student

A. SRITHAR

ACKNOWLEDGMENT

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I will be failing in my duty if I do not express my deepest gratitude to those microbes, who sacrificed their life during my experiment.

SUMMARY

The active phytochemical constituents present in these medicinal plants imports high the rapeutic properties that can prevent ,respiratory infection and reduce the number of transient microbial flora ,and hence these medicinal plants acts as a best alternative source of synthetic medicins used for the medicins ,and these medicinal plants also contain higher amount of polyphenolic compounds which acts as a higher antimicrobial action on the Urinary infection causing microorganisms ,and so these medicinal plants acts as an best alternative source for the synthetic medicines.

ANTIMICROBIAL ACTIVITY OF *Pyhllanthus amarus* AGAINST URINARY TRACT BACTERIAL PATHOGENS

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Mr. S.SURESH

[Reg. No: C21PG127MIB011]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA

2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology.

Sengunthar Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06.05.2023

CERTIFICATE

This is to certify that the dissertation entitled on **"Antimicrobial activity of *Phyllanthus amarus* against urinary tract bacterial pathogens"** done by **S.SURESH (Reg.No:C21PG127MIB011)** during academic year 2022-2023 in partial fulfillment for **Master of Science in Microbiology**, Sengunthar Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

A.P. 4/5/23

Head of the Department

Dr.P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205. (TN).

A.P. 4/5/23

Guide

Dr.P. VENKATACHALAM

Submitted for the viva-voice examination held on 06.05.2023

Examiners:

1. 6/5/23

2. 6/5/23

DECLARATION

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Counter Signed by Guide

Dr.P. VENKATACHALAM

Signature of the student

S.SURESH

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SCREENING OF PHYTOCHEMICAL PROPERTIES AND ANTIMICROBIAL ACTIVITY OF *Psidium guajava* LEAF EXTRACT AGAINST BACTERIAL PATHOGENS

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Mr. D. SUZZENDARAN

[Reg. No: C21PG127MIB012]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA

2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology.

Sengunthar Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06/05/2023

CERTIFICATE

This is to certify that the dissertation entitled on **"SCREENING OF PHYTOCHEMICAL PROPERTIES AND ANTIMICROBIAL ACTIVITY OF** *Psidium guajava* **LEAF EXTRACT AGAINST BACTERIAL PATHOGENS"** done by **D. SUZZENDARAN (Reg.No:C21PG127MIB012)** during academic year 2022-2023 in partial fulfillment for **Master Of Science in Microbiology**, Sengunthar Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

Head of the Department

Dr.P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205, (TNV).

Guide 04/05/2023.

MR.T.R.PRAKASH

Submitted for the viva-voice examination held on 06-05-2023

Examiners:

1.

2. 06/05/23

DECLARATION

I hereby declare that the dissertation entitled on **"SCREENING OF PHYTOCHEMICAL PROPERTIES AND ANTIMICROBIAL ACTIVITY OF *Psidium guajava* LEAF EXTRACT AGAINST BACTERIAL PATHOGENS"** submitted to Periyar University, salem, Tamilnadu, India In partial fulfillment of **Master of Science In Microbiology**, is recorded of original work done by me under the Guidance of **Mr T.R.PRAKASH, M.sc., M.phil.,** Assistant Professor, **PG and Research Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode,** and it has not previously formed the basis for the award of degree, diploma, associate ship, fellowship, or other similar title to any candidate of any university.

Counter Signed by Guide

Mr.T.R.PRAKASH

Signature of the student

D. SUZZENDARAN

ACKNOWLEDGMENT

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SUMMARY

Psidium guajava have active components that help to treat and manage various infectious diseases . The many parts of the plant can been used in traditional medicine to manage medical. Its leaf contains copious amounts of phenolic phytochemicals which inhibit peroxidation reaction in the living body, and therefore can be expected to prevent various chronic diseases such as diabetes, cancer, heart-disease . Guava is rich in tannins, phenols, triterpenes, flavonoids, essential oils, saponins, carotenoids, lectins, vitamins, fiber and fatty acids. The leaves of guava are rich in flavonoids and phenols.

Guava (*Psidium guajava*) in medicine, extracts of leaves are used to treat gastroenteritis, vomiting, diarrhea, dysentery, wounds, ulcers, toothache, coughs, sore throat, inflamed gums, and a number of other conditions. Guava leaves contain essential oil with the main components being α-pinene, β-pinene, limonene, menthol, terpenyl acetate, isopropyl alcohol, longicyclene, caryophyllene, β-bisabolene, caryophyllene oxide, β-copaene, farnesene, humulene, selinene, cardinene, and curcumene . *Psidium guajava* is a phytotherapic plant commonly known as guava. It is also known as poor man's apple. Guava is proven for its antidiarrheal, antimicrobial, antiparasitic, antitussive, hepatoprotective, antioxidant, antigenotoxic, antimutagenic, antiallergic, anticancer, and antihyperglycemic effects.

COFFEE WASTE MANAGEMENT

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Ms. S. LAVANYA

[Reg. No: C21PG127MIB013]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA

2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology.

Sengunthar Arts and Science college.

Tiruchengode – 637205.Tamilnadu, India

Date: 06.05.2023

CERTIFICATE

This is to certify that the dissertation entitled on **"COFFEE WASTE MANAGEMENT"** done by **S.LAVANYA (Reg.No:C21PG127MIB013)** during academic year 2022-2023 in partial fulfillment for **Master Of Science in Microbiology**, Sengunthar Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

A.P. 4/5/23

Head of the Department

Dr. P. VENKATACHALAM

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205 (TN)

A.P. 4/5/23

Guide

Dr. P. VENKATACHALAM

Submitted for the viva-voice examination held no 06.05.2023

Examiners:

1. 6/5/23

2. 06/05/23

DECLARATION

I hereby declare that the dissertation entitled on **"COFFEE WASTE MANAGEMENT"** submitted to Periyar University, salem, Tamilnadu, India. In partial fulfillment of **Master of Science In Microbiology**, is recorded of original work done by me under the Guidance of **Dr. P. Venkatachalam, M.Sc., M.Phil., Ph.D.,** Assistant Professor and Head, **PG and Research Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode**, and it has not previously formed the basis for the award of degree, diploma, associate ship, fellowship, or other similar title to any candidate of any university.

Counter Signed by Guide

DR. P. VENKATACHALAM

Signature of the student

S. LAVANYA

ACKNOWLEDGMENT

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I will be failing in my duty if I do not express my deepest gratitude to those microbes, who sacrificed their life during my experiment.

SUMMARY

Considering the spectrum of coffee wastes that are obtained under varied conditions of coffee processing and their possible utilization, there seems to be only a few practical uses at estate level.

The present study dealt with the coffee waste management and the use of coffee waste for the following purposes.

Basal media was formulated for bacteria and fungi using sugar source.Coffee pulp was used as the substrate for oyster mushroom production was observed that oyster mushroom yield was greater while using coffee pulp compound.

Coffee pulp extract was used as the substrate for alcohol production (0.22%) per ml.

EXTRACTION OF NANOCURCUMIN FROM TURMERIC AND ITS PHARMACEUTICALS EFFIGACY AGAINST VANCOMYCIN RESISTANT *Staphylococcus aureus*

A dissertation submitted to the Periyar University in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

Ms. N. SRISIKAA

[Reg. No: C21PG127MIB015]

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University and Approved by AICTE, New Delhi)

TIRUCHENGODE – 637 205
TAMILNADU, INDIA

2022-2023

Dr. P. VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Head, Department of Microbiology

PG and Research Department of Microbiology,

Sengunthar Arts and Science college,

Tiruchengode - 637205,Tamilnadu, India

Date: 06.05.2023

CERTIFICATE

This is to certify that the dissertation entitled on **"EXTRACTION OF NANOCURCUMIN FROM TURMERIC AND ITS PHARMACEUTICALS EFFICACY AGAINST VANCOMYCIN RESISTANT *Staphylococcus aureus*"** done by **N. SRISIKAA (Reg.No:C2IPG127MIB015)** during academic year 2022-2023 in partial fulfillment for **Master Of Science in Microbiology**, Sengunthar Arts and Science College, Tiruchengode under my supervision. This work has not previously formed on the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

Head of the Department

DR. P. VENKATACHALAM
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205, (TN).

Guide

DR. P. ASHOK KUMAR

Submitted for the viva-voice examination held no 06.05.2023

Examiners:

1.

2.

DECLARATION

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Counter Signed by Guide

DR. P. ASHOK KUMAR

Signature of the student

N. SRISIKAA

ACKNOWLEDGMENT

It is with greatest pleasure, I look back to acknowledge several people who had been a source of inspiration, encouragement throughout my project work.

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I will be failing in my duty if I do not express my deepest gratitude to those microbes, who sacrificed their life during my experiment.

SUMMARY AND CONCLUSION

- 10 different Strains of Clinical pathogens were isolated from wound samples and it were identified as Vancomycin Resistant *Staphylococcus aureus* based on the morphological and biochemical characters and selective media. Out of 10 strains, 5 strains were selected according to the drug resistance pattern.

- 10 different antibiotics were used to determine the phenotypic characterization. Based on that 5 VRSA strains were selected for further study like S2,S3,S4,S6 and S10.

- Curcumin was extracted from *Curcuma longa* and *Curcuma aromatic* it showed yellow gel in nature. The qualitative analysis showed that it was curcumin.

- Antibacterial activity of curcumin extracts *Curcuma longa* were studied. Maximum zone of inhibition (30mm) was recorded in *Curcuma aromatic* VRSA S2 and S4 strain and *Curcuma longa* showed 18mm for S3.

- Curcunim were done by using *Curcuma longa* and *Curcuma aromatica* extracts. Nanoparticle suspension were subjected to UV-visible spectra for the spectrometric analysis to confirm the formation or presence of the nanoparticles. Antibacterial activity of nanocurcumin synthesized using *Curcuma longa* and *Curcuma aromatica* was studied. Zone of inhibition showed that nanocurcumin of *Curcuma longa* was 30mm (S3) & 33mm(S4) of *Curcuma aromatic*.

- The least Minimum inhibition concentration of curcumin and nanocurcumin range from 31.25 to 62.5 mg/ml concentration for *Curcuma longa* and *Curcuma aromatic*.

- These curcumin extract were spotted on TLC plates and stained like vanillin-sulphuric acid reagent. It showed Rf value 0.46, which confirmed curcumin.

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DEPARTMENT OF MICROBIOLOGY

Students MiniProject - 2022-2023

Degree / Branch / Year / Semester: B.Sc Microbiology/III/V

Academic year: 2022-2023

S.NO	ROLL.NO	NAMER OF THE STUDENT	Title of the Project
1	20UMB1309	BOOBALAN S	Degradation of Navy blue dye
2	20UMB1310	BOOPATHY S	Degradation of Navy blue dye
3	20UMB1311	DEEPAK M	Degradation of Navy blue dye
4	20UMB1312	DHANUSKUMAR S	Degradation of Navy blue dye
5	20UMB1313	DINESH KUMAR R	Microbial load in fermented rice
6	20UMB1314	HARIHARAN S	Microbial load in fermented rice
7	20UMB1315	KARTHICK RAJA S	Microbial load in fermented rice
8	20UMB1316	KARTHICK S	Microbial load in fermented rice
9	20UMB1317	MEIYARASAN P	Microbiological quality of Water
10	20UMB1318	MUKESH U G	Microbiological quality of Water
11	20UMB1320	RAJASEKAR B	Microbiological quality of Water
12	20UMB1321	SARATHI R	Microbiological quality of Water
13	20UMB1323	SATHISH KUMAR R	Microbiological quality of Water
14	20UMB1324	SATHISH KUMAR S	Parasitic contamination of fruits and vegetables
15	20UMB1326	SURYA A	Parasitic contamination of fruits and vegetables
16	20UMB1327	THIRUMOORTHI M	Parasitic contamination of fruits and vegetables
17	20UMB1328	VIGNESH P	Parasitic contamination of fruits and vegetables
18	20UMB1330	DEEPIKA M	Antibacterial activity of Guava
19	20UMB1332	GOWSALYA G	Antibacterial activity of Guava
20	20UMB1333	GOWSIKA V	Antibacterial activity of Guava
21	20UMB1334	HEMALATHA M	Antibacterial activity of Guava
22	20UMB1335	INTHUJA V	Antibacterial activity of Guava
23	20UMB1336	JEEVADHARSHINI S	Antimicrobial activity of garlic extract
24	20UMB1337	KATHIJA J	Antimicrobial activity of garlic extract
25	20UMB1338	MYTHILI S	Antimicrobial activity of garlic extract
26	20UMB1339	SABITHA K	Antimicrobial activity of garlic extract

27	20UMB1340	SANDHIYA J	Antimicrobial activity of garlic extract
28	20UMB1341	SARANYA S	Antibacterial activity of Citrus fruits
29	20UMB1342	SHALINI S	Antibacterial activity of Citrus fruits
30	20UMB1343	SRINIDHI S R	Antibacterial activity of Citrus fruits
31	20UMB1344	SOWBARNAYA B	Antibacterial activity of Citrus fruits
32	20UMB1345	SUBHASRI M.T	Antibacterial activity of Citrus fruits
33	20UMB1346	SUGANESHWARI P	Antagonistic activity of soil
34	20UMB1347	SUNMATHI M	Antagonistic activity of soil microorganisms
35	20UMB1349	YOGALAKSHMI S	Antagonistic activity of soil microorganisms
36	18UMB1565	DEEPA M	Antagonistic activity of soil microorganisms
37	20UMB1348	TAMILSELVI M	Antagonistic activity of soil microorganisms

DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE,
TIRUCHENGODE - 637 205.

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

ERUDITION EXERTION ELEVATION

ANTIBACTERIAL ACTIVITY OF CITRUS FRUITS AGAINST SOME BACTERIAL PATHOGEN

Mini project submitted in partial fulfillment
of the requirement for the Degree of

Bachelor of Science in Microbiology

Submitted by

**Ms.S.SARANYA,Ms.S.SHALINI,Ms.S.R.SHRINIDHI,Ms.B.SOWBARNIYA &
Ms.M.T.SUBHASRI**



DEPARTMENT OF MICROBIOLOGY

**SENGUNTHAR ARTS AND SCIENCE COLLEGE,
TIRUCHENGODE
NAMAKKAL-637205**

NOVEMBER-2022

CERTIFICATE

This is to certify that the entitled **"ANTIBACTERIAL ACTIVIY OF CITRUS FRUITS AGAINST SOME BACTERIAL PATHOGENS"** submitted in partial fulfillment of the requirement of the degree of BACHELOR OF SCIENCE IN MICROBIOLOGY to the PERIYAR UNIVERSITY,Salem is the record of bonafied research work carried out by Ms.S.SARANYA(Reg.no.20UMB1341),Ms.S.SHALINI(Reg.no.20UMB1342), Ms.SHRINIDHI(Reg.no.20UMB1343),Ms.B.SOWBARNIYA(Reg.no.20UMB 1344),Ms.M.T.SUBHASRI(Reg.no.20UMB1345) under my supervison and guidance, that no part of the project has been submitted for the award of any degree,diploma,fellowship or other similar title or prizes and that the work has not been published in part of full in any scientific popular journals or magazines.

Signature of the Head

HEAD
DEPARTMENT OF MICROBIOLOGY,
KSR COLLEGE OF ARTS & SCIENCE
TIRUCHENGODE - 637 215.

Signature of Guide

The Viva Voice Examination held on - 26.11.22

External Examiners

1.

2.

DECLARATION

I hereby declare the mini project entitled " **ANTIBACTERIAL ACTIVITY OF CITRUS FRUITS AGAINST SOME BACTERIAL PATHOGENS** " submitted to PERIYAR UNIVERSITY,Salem is partial fulfillment of the requirement to the award of the degree **BACHELOR OF MICROBIOLOGY,** is a record of original research work done by me under the guidance of **Dr. P.ASHOKKUMAR M.Sc.,Ph.D.,** Assistant Professor,Department of Microbiology,Sengunthar Arts and Science College,Tiruchengode and it has not formed that basic for the award of any Degree/ Diploma/ Associate ship/ fellowship or other similar title to any candidate of this University.

SIGNATURE OF SUPERVISOR
(Dr.P.ASHOKKUMAR)

SIGNATURE OF CANDIDATE
(S.SARANYA)
(S.SHALINI)
(S.R.SRINIDHI)
(B.SOWBARNIYA)
(M.T.SUBHASRI)

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First and foremost, I would like to extend my greatest and deepest gratitude to my Supervisor, **Dr. P.ASHOKKUMAR M.Sc., PhD.,** Assistant Professor, Department of Microbiology, for his constant encouragement, invaluable guidance, untailmg co-operation and keen interest evinced in my work helped to complete the thesis.

My profound thanks to **Dr. A.P.VENKATACHALAM, M.Sc., M.Phil, PhD,** Head of the Department, Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode, for providing facilities to undertake the course of study.

I express my heart full thanks to our Principal Dr. P.RAVIKUMAR., M.Sc., M.Phil, Ph.D., and the Management of Sengunthar Arts and Science College, Tiruchengode, for the encouragement during the entire course of study.

T also wish to express my thanks to staff memberS of Sengunthar Arts and Science College, Tiruchengode. **Ms.T.NIVEDHARSINI., M.Sc.,** and **Mr.PRAKASH.,M.Sc M.Phil,** for their encouragement during the entire course of study.

I express my thanks to **Mr. K.P. GOPAL** and **Ms. D.SHANTHAKUMARI,** Technical staff for their timely help during my project work.

ANTIBACTERIAL ACTIVITY OF CITRUS FRUITS AGAINST SOME BACTERIAL PATHOGENS

INTRODUCTION:

Natural products such as plants have been integral part traditional medicine system in ancient such as Chinese, Ayurvedic and Egyptian [1]. Several published reports had described the antimicrobial activity of various crude extracts of plants either in single or in combination [2]. It has been estimated that about 2.5 million species of higher plants and their therapeutic values are yet to be determined. However, herbal extracts are becoming popular as natural medicine; preservatives and additives [3]. According to World Health Organization [4] medicinal plants contain substances in one of its organs such as stem, root, leaves, rhizomes, fruits, flower and seeds that can be used for therapeutic purposes or which are precursor for chemo-pharmaceutical semi-synthesis [4]. The medicinal plants are employed in the treatment or control of disease condition due to the presence of biochemical components called phytochemical [5]. Phytochemicals are considered as bioactive substances of plant origin and are of medical importance. They are otherwise known as secondary metabolites as they are of little important to the plant who manufactured them. These secondary metabolites synthesized naturally in various organs of plants such as leaves, stem, root, flower and seed [6]. Most of the modern drugs used today were originally obtained from plants [7]. Many researches confirmed the herbal extract boost immune system by stimulating the production of white blood cell which fight diseases [8]. *Citrus aurantifolia* belongs to Rutaceae, it is a polyembroyonic plant cultivated in several part of the world especially hot subtropical or tropical region such as India, USA, Nigeria, Mexico West indies and Egypt [9]. The plant is shrub in nature and height of about 2 meter tall, evergreen with dense and irregular branches which possess short and stiff spines. The *Citrus aurantifolia* fruits are ovoid berry of about 3-6cm in diameter and sometimes possess apical papilla. When ripe, the fruits turn yellow from initial blue [10]. The plant is used in traditional medicine for treatment of several diseases such as cold and stomach ailment. It can also be used as an antiseptic, mosquito repellant, antifungal, antibacterial and antiviral agent. The health benefits of *Citrus aurantifolia* plant are highly associated with the high amount of bioactive constituents it contained such as phenols, flavonoids, carotenoid, vitamins and minerals [11]. Limes contain unique flavonoid compounds that have antioxidant and anti-cancer properties. The flavonoids help to inhibit cell division in many cancer cell lines in addition to its antimicrobial efficacy [12]. The plant also demonstrated bioactive activities for cold, fever, sinusitis, sore throats, asthma and bronchitis [13]. Antibacterial assessment of *Citrus aurantifolia* aqueous ethanol, acetone, chloroform, ethanol and petroleum ether leaves extract

conducted by Pathan R et al. [14] against various pathogen showed significant activity against *Staphylococcus aureus*, Pseudomonas spp, Klebsiella pneumonia along with antifungal activity against Mucor spp., *Aspergillus fumigates* and *Aspergillus niger*. Kandpal et al. [15] isolated actinomycetes from C. aurantifolia and tested its antibacterial efficacy against different pathogen. In this study, five actinomycetes isolated from the plant exhibited antibacterial activity against various pathogens including *S. aureus*, *E. coli*, *K. Pneumonia* and *S. typhi*.

Medicinal plants are a rich source of lead compounds for traditional and modern medicines (16). Currently, clinical effectiveness of many antibiotics is compromised by the emergence of resistant pathogens. Therefore, there is a continuing and urgent need for the discovery of new antimicrobial sources. Herbal drugs are widely used in ethnomedicine due to their unknown bioactive compounds, low side effects, and relatively low costs (17). Accordingly, several studies have focused on medicinal plants to find more effective drugs against microbial infections (18,19). *Citrus medica* L. is a valuable medicinal plant used in Iranian ethnomedicine. It is a small plant, having short thorns and large and rectangular leaves with elliptical fruits. It is reported that *C. medica* extract plays a role in the treatment of diabetes and Alzheimer disease (20). The root extract of *C. medica* is used for its anthelmintic and antilithic properties in the treatment of urinary calculi in India (21).

It is known that plant oriented compounds such as carotenoids, phenolics, flavonoids, and ascorbic acid eliminate free radicals and have antioxidant and anti-mutagenic properties (22). Antimicrobial activity of saponin and tannins (23), alkaloids (24), and flavonoids have been reported (10). Therefore, differences in the sensitivity of bacteria to plant extracts could be either due to the intrinsic sensitivity of microorganisms, or the nature of compounds with antimicrobial properties such as alkaloids, tannins, saponins, phenols, glycosides, and flavonoids (25). Moreover, several parameters affecting the plant extract efficacy are extraction method, plant genotypes (26), the moisture content of the plant, and the temperature of the extraction time (27). As a result, the extraction method, extraction time, solvent and tissue type, as well as the plant species affect the presence and the amount of desired compounds in the extracts (28).

Citrus species are known for an abundance of bioactive components, nutraceuticals, and functional compounds in the flavedo and albedo of the peels. In Citrus fruits, flavonoids are present as flavanones (neohesperidosides, rutinosides), flavanol glycosides, flavones (polymethoxyflavones, hydroxylated polymethoxyflavones) with predominant bioactive compounds like naringin and hesperidin (2). Phenolic compounds like flavonoids are known to exhibit antioxidant, antiatherogenic, anti-inflammatory, anti-carcinogenic, antiviral, antimicrobial and antiallergenic activities (6)

actinomycetes isolated from the plant exhibited antibacterial activity against various pathogens including *S. aureus, E. coli, K. Pneumonia and S. typhi*. Minimum inhibitory concentration of aqueous and ethanol extracts of *Citrus aurantifolia* leaves showed dilutions of various concentrations of aqueous and ethanol of the extracts can inhibit and/or kill the isolates.

Conclusion

Phytochemical screening of leaves extracts of *Citrus aurantifolia* indicated the presence of alkaloid, flavonoid, glycoside, saponin, steroid, phenols, terpenoid and tannin in both aqueous and ethanol extracts. The antibacterial efficacy of the extracts against the test isolates showed that the leaves extracts demonstrated an antimicrobial effect against the isolates. The Minimum inhibitory Concentration (MIC) of aqueous and ethanol extract showed dilutions of various concentrations of the extracts can inhibit and/or kill the isolates. The finding of this study supported the use of *Citrus aurantifolia* leaves extracts for medicinal purpose.

PARASITIC CONTAMINATION OF FRUITS AND VEGETABLES COLLECTED FROM SELECTED LOCAL MARKETS OF TIRUCHENGODE

Mini project submitted in partial fulfillment
of the requirement for the Degree of

BACHELOR OF SCIENCE IN MICROBIOLOGY

Submitted by

Mr. S.SATHISH KUMAR (20UMB1324)

Mr. A.SURYA. (20UMB1326)

Mr. M.THIRU MOORTHI. (20UMB1327)

Mr. P.VIGNESH. (20UMB1328)



DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE

TIRUCHENGODE
NAMAKKAL-637205

NOVEMBER -2022

P.VENKATACHALAM M.Sc., M.Phil., Ph.D.,

Assistant Professor Dept of Microbiology
Sengunthar Arts and Science College
Tiruchengode-637205

CERTIFICATE

; is to certify that the entitle **"PARASITIC CONTAMINATION OF FRUITS AND GETABLES COLLECTED FROM SELECTED LOCAL MARKETS OF RUCHENGODE"** Submitted in partial fulfillment of the requirement of the degree of helor of Science in Microbiology to the Periyar University, Salem is the record of bonafied earch work carried out by **(S.SATHISH KUMAR,A.SURYA,M.THIRU OORTHI,P.VIGNESH)** under my supervision and guidance, that no part of the project has n submitted for the award of any degree, diploma, fellowship or other similar titles or prizes that the work has not been published in part of full in any scientific popular journals or gazines

A.P. 26/11/22

SIGNATURE OF HEAD

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE,
TIRUCHENGODE - 637 205, (TN).

A.P. 26/11/22

SIGNATURE OF GUIDE

bmitted for viva voce examination held on 26.11.2022

ternal Examiners

26/11/22

26/11/2022

DECLARATION

I hereby declare the mini project entitled **"PARASITIC CONTAMINATION OF FRUITS AND VEGETABLES COLLECTED FROM SELECTED LOCAL MARKETS OF TIRUCHENGODE "** Submitted to Periyar University, Salem is partial fulfillment of the requirement to the award of the degree Bachelor of Science in Microbiology, is a record of original research work done by me under the guidance of **Dr.P.VENKATACHALAM M.Sc., M.Phil., Ph.D.,** Assistant Professor, Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode and it has not formed that basic for the award of any Degree/Diploma/Associate ship/Fellowship or other similar title to any candidate of this university.

A.P. 28/4/22

Guide and Supervisor

(Dr. P.VENKATACHALAM).

Signature of candidates

Mr. S.SATHISH KUMAR **(20UMB1324)** S.Sathish

Mr. A.SURYA. **(20UMB1326)** A.Surya

Mr. M.THIRU MOORTHI. **(20UMB1327)** M.Thiru

Mr. P.VIGNESH. **(20UMB1328)** P.Vignesh

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I also wish to express my thanks to staff members of Sengunthar Arts and Science College, Tiruchengode. **Ms. T.NIVEDHARSINI M.Sc., M.Phil. and Mr.T.R.PRAKASH M.Sc., M.Phil.**, For their encouragement during the entire course of study.

I express my thanks to **Mr. K.P. GOPAL** and **Mrs. D.SHANTHAKUMARI**, Technical staff for their timely help during my project

S.SATHISH KUMAR

A.SURYA

M.THIRU MOORTHI

P.VIGNESH

PARASITIC CONTAMINATION OF FRUITS AND VEGETABLES COLLECTED FROMSELECTED LOCAL MARKETS OF TIRUCHENGODE

Introduction

Intestinal parasitic infections are widely distributed through- out the world causing substantial intimidation to the public health, economy, and physical and cognitive development particularly among children in developing countries like Ethiopia. The poor personal hygiene, poor environmental hygiene, and poor health system commonly observed in developing countries make the prevalence to be highestamong these populations [1, 2].

The consumption of fruits and vegetables helps in pro- tecting human body from a number of diseases by providingnutrients, vitamins, minerals, protein, and fibers. It could also have a positive impact on body-weight regulation and related conditions, including diabetes and hypertension. However, fruits and vegetables, especially, those that are consumed rawand or not properly washed, have been the major way for the transmission of human pathogens [3–5].

Intestinal parasitic infection may be acquired in different ways like by consumption of contaminated fruits, vegetables, other food stuff, and water [6]. Eating unclean, raw, or undercooked fruits and vegetables is one of the means by which the transmission of intestinal parasitic infections is propagated [7]. Fruits and vegetables act as vehicles for the transmission of parasitic infections when contaminated as a result of various associated factors related to planting, such as while they are still on the field, harvesting, transportation, storage, market chain, and even at home [5, 8].

Despite the fact that intestinal parasitosis is common in namakkal [9, 10], there are no studies conducted to assess the level of contamination of fruits and vegetables with parasites of medical and zoonotic importance. If our target is to control the intestinal parasitic diseases, it is not enough to depend merely on the chemotherapeutic intervention of identified cases, but need the concerted effort to reduce and eliminate the potential sources of infection. To ourknowledge there is no published document to attest the levelof parasitological contamination of fruits and vegetables in namakkal.. Therefore, this study was designed to determine the level of parasitic contamination of selected fruits and vegetables and associated factors in namakkal.

Conclusion

In conclusion, this study highlighted the importance of raw fruits and vegetables as the potential source of transmission for intestinal parasites to humans. The fruits and vegetables contamination with the pathogenic parasites poses health risk to the consumers if consumed without proper cleaning and or cooking. Prevention of contamination remains the most effective way of reducing food borne parasitic infection. A comprehen- sive health education should be given to vendors and farmersof fruits and vegetables and to the general population on the health risks associated with consumption of contaminated fruits and vegetables. The consumers should always observe the basic principle of food and personal hygiene, that is, thorough washing of the fruits and vegetables before eating and washing hands before meal. The vendors of fruits and vegetables should avoid the contact of the produces with soil while display for selling. Further studies should be conducted on the viability of parasitic contaminants of fruits and vegetables. Also, other researches must be done to evaluate the level of parasitic contamination of farm produces, water, and soil in which fruits and vegetables are cultivated. These studies should also be conducted in different regions of the country.

DEGRADATION OF NAVY BLUE DYE BY BACTERIA ISOLATED FROM TEXTILE DYE EFFLUENT

Mini project submitted in partial fulfillment
of the requirement for the Degree of

Bachelor of Science in Microbiology

Submitted by
B.BOOBALAN(Reg.No:20UMB1309)
S.BOOPATHI(Reg.No:20UMB1310)
M.DEEPAK(Reg.No:20UMB1311)
S.DANUSHKUMAR(Reg.No:20UMB1312)



DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE
NAMAKKAL-637205

NOVEMBER-2022

CERTIFICATE

This is to certify that the entitled "**DEGRADATION OF NAVY BLUE DYE BY BACTERIA ISOLATED FROM TEXTILE DYE EFFLUENT**" submitted inpartial fulfillment of the requirement of the degree of BACHELOR OF SCIENCE IN MICROBIOLOGY to the PERIYAR UNIVERSITY,salem is the record of bonafied research work carried out by**Mr.B.BOOBALAN(20UMB1309),Mr.S.BOOPATHI(20UMB1310) Mr.M.DEEPAK(20UMB1311)Mr.S.DANUSHKUMAR(20UMB1312)** under my supervison and guidance, that no part of the project has been submitted for the award of any degree,diploma,fellowship or other similar title or prizes and that the work has not been published in part of full in any scientific popular journals or magazines.

Signature of the Head

HEAD
DEPARTMENT OF MICROBIOLOGY,
KANGEYANTHAR ARTS & SCIENCE COLLEGE
[illegible]

Signature of the Guide

Submitted for viva voce examination held on 26.11.2022

External Examiners

1.

2.

DECLARATION

I here by declare the mini project entitled " **DEGRADATION OF NAVY BLUE DYE BY BACTERIA ISOLATED FROM TEXTILE DYE EFFLUENT**" submitted to PERIYAR UNIVERSITY,Salem is partial fulfillment of the requirement to the award of the degree **BACHELOR OF MICROBIOLOGY,** is a record f original research work done by me under the guidance of **Mr.T.R.PRAKASH M.Sc.Mphil.,** department of microbiology,sengunthar arts and science college,tiruchengode and it has not formed that basic for the award of any Degree/ Diploma/ Associate ship/ fellowship or other similar title to any candidate of this University.

GUIDENANCE SUPERVISOR

[Mr.T.Prakash]

SIGNATURE OF CANDIDATE

B.Boobalan

S.Boopathi

M.Deepak

S.Danushkumar

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First and foremost, I would like to extend my greatest and deepest gratitude to my Supervisor, **Mr.T.R.PRAKASH M.Sc.,Mphil.,** Department of microbiology, for his constant encouragement, invaluable guidance, unfailing co-operation and keen interest evinced in my work helped to complete the thesis.

My profound thanks to **Dr. A.P.VENKATACHALAM, M.Sc., M.Phil, PhD**, Head of the Department, Department of Microbiology, Sengunthar Arts and Science College, Thirucengodefor providing facilities to undertake the course of study.

I express my heart full thanks to our Principal **Dr.P.RAVIKUMAR M.Sc., M.Phil,.Ph.D.**,and the Management of Sengunthar Arts and Science College,Tirucengode for the encouragement during the entire course of study.

I also wish to express my thanks to staff members of Sengunthar Arts and Science College, Tiruchengode **Dr.P.ASHOKKUMAR M.Sc.,PhD.**, Assistant Proffessor of Microbiology and **Mrs.M.NIVEDHARSINI.,MSc.,M.Phil**,encouragement during the entire course of study.

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1.INTRODUCTION

The textile industry is one of the industries that generate a high volume of waste water strong color of the textile waste water is the most serious problem of the textile waste effluent. The disposal of these waste into receiving causes damage to the environment dyes may significant affect photosynthetic activity aquatic habitat because of reduce light penetration may also be toxic to some aquatic life due to the presence of aromatics metals chlorides and other toxic compounds (Husseiny, 2008).

The removal of dyes from effluent is important due to their mutagenicity and carcinogenicity together with their intense coloration. Both physiochemical and biological methods for the removal of dyes have been investigated widely. The present study was focused on decolourization and biodegradation of textile effluent by using bacteria isolated from textile dye effluent.

1.1 DYE

Dye can be said to be colored, ionizing and aromatic organic compounds which shows an affinity towards the substrate to which it is being applied. It is generally applied in a solution that is aqueous. Dyes may also require a mordant to better the fastness of the dye on the material on which it is applied.

Dyes are applied to numerous substrates for examples of the textiles leather, plastic paper etc., in liquid form. One characteristic of dye is that the dyes must get completely or atleast partially soluble in which it is being put to the rule that we apply to other chemicals is similarly applicaple to dye also.

7. SUMMARY AND CONCLUSION

Increasing industrialization and urbanization leads to environmental pollution. The discharge of toxic effluents from various industries adversely affect water resources, soil fertility, aquatic organisms and ecosystem integrity. Among various industries, the textile dyeing industries discharge large volume of waste water after the dying process. Wastewater from textile industry is a complex mixture of many polluting substances ranging from organochloride based waste pesticides to heavy metals associated with dyes and dyeing process.

Textile effluent samples were collected from different dying unites near Erode and Salem. Two isolates were isolated. Using plate assay method the decolourization activity of bacteria was detected. Among the eight isolates two organisms showed the decolourizing activity and they are *Pseudomonas sp* ,*Bacillus sp.*

These organisms were identified using various tests and compared with Bergey's manual. For the degradation study, the isolated organisms were inoculated on Mineral Salt Medium containing the dye Navy Blue Dye Under stationary conditions, the decolorization was studied.

The maximum decolourisation was obtained stationary condition. The present study confirms the ability of *Pseudomonas sp* to decolorize the Direct Navy Blue GL with decolourization efficiency of 85% under stationary condition. Followed by this *Pseudomonas sp*

ANTIMICROBIAL PROPERTIES OF GARLIC EXTRACT

Mini project submitted in partial fulfillment
of the requirement for the Degree of

Bachelor of Science in Microbiology

Submitted by

S. JEEVADHARSHINI	(20UMB1336)
J.KATHIJA	(20UMB1337)
S. MYTHILI	(20UMB1338)
K.SABITHA	(20UMB1339)
J . SANTHIYA	(20UMB1340)



DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE,
TIRUCHENGODE
NAMAKKAL-637205

NOVERBER-2022

. T.Nivedharshini M.Sc., M.Phil.,

Assistant Professor Dept of Microbiology
Sengunthar arts and Science College
Tiruchengode - 637205

CERTIFICATE

is is to certify that the entitle "**ANTIMICROBIAL PROPERTIES OF GARLIC EXTRACT**" Submitted partial fulfillment of the requirement of the degree of Bachelor of Science in Microbiology the Periyar University, Salem is the record of bonafied research work carried out by **Is. S. JEEVADHARSHINI, J.KATHIJA, S. MYTHILI, K. SABITHA, J. SANTHIYA** under my upervision and guidance, that no part of the project has been submitted for the award of any egree, diploma, fellowship or other similar titles or prizes and that the work has not been ublished in part of full in any scientific popular journals or magazines

SIGNATURE OF HEAD

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205, (TN).

SIGNATURE OF GUIDE

Submitted for viva voce examination held on 26/11/2022

External Examiners

1

2

DECLARATION

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Guide

(Ms. T.NIVEDHARSHINI)

Signature of candidate

S. JEEVADHARSHINI

J. KATHIJA

S. MYTHILI

K. SABITHA

J. SANTHIYA

ACKNOWLEDGEMENT

First and foremost, I would like to extend my greatest and deepest to my supervisor, **Ms.T.Nivedharshini M.Sc., M.Phil.**, Department of Microbiology, for his constant encouragement, invaluable guidance, unfailing co-operation and keen interest evinced in my work helped to complete the thesis.

My profound to **Dr. P. Venkatachalam M.Sc., M.Phil., Ph.D,** Assistant Professor & Head , Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode, for the encouragement during the entire course of study.

I also wish to express my thanks to staff members of Sengunthar Arts and Science College, Tiruchengode. **Dr.P.Ashokkumar MSc., Ph.D., Mr.T.R.Prakash M.Sc., M.Phil.** for their encouragement during the entire course of study.

I express my thanks to **Mr. K.P. Gopal** and **Mrs. D.Santhakumari**, Technical staff for their timely help during my project.

S. JEEVADHARSHINI

J. KATHIJA

S. MYTHILI

K. SABITHA

J. SANTHIYA

ANTIMICROBIAL PROPERTIES OF GARLIC EXTRACT

1.INTRODUCTION

Allium sativum (Garlic) has been grown on a massive scale on all continents for thousands of years. The species is one of the oldest vegetables cultivated by man not only for its specific taste and smell but for its therapeutic properties. The presence of many biologically active substances in garlic, especially in its underground bulb, makes the plant suitable for use in alternative medicine. Additional, due to the new challenges facing contemporary medicine, the therapeutic activity of the species is being studied and the plant is increasingly being applied in treatment (Bongiorno et al.2008; Block 2010).

The properties of Garlic are associated with its extremely rich composition. It contains approximately 33 sulfur compounds, 17 amino acids, enzymes, mineral salt (e.g. germanium, selenium, phosphates, calcium and iron salt), vitamins (e.g. ascorbic acid , riboflavin, niacin, thiamine, folic acid),and valuable essential oils (Block 1985,2010; Josling 2005;Ariga and seki 2006; najda et al. 2016;tch orzewska et al.2017). Garlic is estimated to contain over two hundred chemical substances that can protect the human organism against various diseases (Gebreyohannes and Gebreyohannes 2013).

To date, Garlic extract has been shown to exert potent therapeutic effects in the treatment of cardiovascular diseases, e.g. hypertension and high serum cholesterol levels (McMahon and Vargas 1993; Silagy and Neil 994; Yeh et al. 2006; Capraz et al.2006). Moreover, studies conducted in a rabbit model have demonstrated that long-term administration of Garlic extract reduces atherosclerotic plaque(Bordia 1981).additional ,garlic components have been reported to lower the level of fibrin in blood can thus prevent myocardial infarction (Ernst1994;Fukao et al 2007)

Investigations of the antiviral properties of the plant indicate that the garlic extract is effective in the treatment of e.g. herpes simplex virus types 1 and 2, coxsackie virus species, influenza B, para-influenza virus type 3, vaccinia virus, vesicular stomatitis virus ,human

5.CONCLUSION

Based on antimicrobial activity that *Staphylococcus aureus and E.coli* inhibiting that activity at that concentration of 150µl, so concluded that above result that Garlic extract was having antimicrobial activity on that *Staphylococcus aureus and E.coli* and then further study to identify the minimal inhibiting concentration and concentration level of inhibitory action.

MICROBIOLOGICAL QUALITY AND CONTAMINATION LEVEL OF WATER SOURCES IN PARAMATHI REGION, NAMAKKAL DISTRICT

Mini project submitted in partial fulfillment
of the requirement for the Degree of

Bachelor of Science in Microbiology

Submitted

Mr. P. MEIYARASAN	**(20UMB1317)**
Mr.C.MUKESH	**(20UMB1318)**
Mr. R RAJASEKAR	**(20UMB1320)**
Mr. R.SARATHI	**(20UMB1321)**
Mr. SATHISH KUMAR	**(20UMB1323)**

DEPARTMENT OF MICROBIOLOGY
SENGUNTHAR ARTS AND SCIENCE COLLEGE,
TIRUCHENGODE
NAMAKKAL-637205

Dr. P.Ashokkumar M.Sc., Ph.D.

Assistant Professor Dept of Microbiology

Sengunthar Arts and Science College

Tiruchengode-637205

CERTIFICATE

This is to certify that the entitle **"MICROBIOLOGICAL QUALITY AND CONTAMINATION LEVEL OF WATER SOURCES IN PARAMATHI REGION, NAMAKKAL DISTRICT"** Submitted in partial fulfillment of the requirement of the degree of Bachelor of Science in Microbiology to the Periyar University, Salem is the record of bonafied research work carried out by **Mr. MEIYARASAN. Mr.C.MUKESH. Mr. R. SARATHI Mr. B.RAJASEKAR. Mr. R.SATHISH KUMAR** under my supervision and guidance, that no part of the project has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part of full in any scientific popular journals or magazines

SIGNATURE OF HEAD

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205. (TN).

SIGNATURE OF GUIDE

Submitted for viva voce examination held on 26.11.22.

External Examiners

1

2

DECLARATION

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Guide and Supervisor

(Dr. P.ASHOKKUMAR)

Signature of candidate

Mr. P.MEIYARASAN

Mr.C. MUKESH

Mr. R . SARATHI

Mr. B. RAJAKAR

Mr. R. SATHISH KUMAR

MICROBIOLOGICAL QUALITY AND CONTAMINATION LEVEL OFWATER SOURCES IN PARAMATHI REGION, NAMAKKAL DISTRICT

INTRODUCTION

Water is an important component of every life [1–4]. Watersupply and accessibility is goal 6 of the sustainable development goals (SDGs) and aims at ensuring environmental sustainability [3, 4]. Historically, efforts to ensure access tosafe drinking and food processing water have been focused on the community based water sources [5, 6]. Most regions of the developing nations are experiencing shortage of potable water supply as improved water sources are only limited to urban areas [7]. Water sources that include both surface and ground water sources [8, 9]. In a bid to promote healthy living among inhabitants of the county, a reliable potable water access is essential for sustainable development, health, food production, and poverty alleviation [4, 10]. Water shortage and pollution of the readily accessible water sources are evident in many regions of the developing nations [3, 6, 11]. This is largely attributedto low level of personal hygiene and inadequate treatment facilities for water and wastes that are consequent pollutants [12]. Increase in population has exerted more pressure on the available water sources. Consequently, more than 1.2 billionpeople worldwide do not have access to safe water [13–15].Millions of people die yearly from diarrheal disease and a larger proportion are children aged below 5 years [16]. Besidescausing death, water-related diseases also prevent people from working and living active lives [17].

Water is susceptible to contamination with microorgan- isms and organic matter among other pollutants regardless of the source [3, 11, 18]. Significantly, microbial contami- nants such as coliforms, *E.coli*, *Cryptosporidium parvum*, and *Giardia lamblia* compromise the safety of the water [19]. Pres-ence of *Escherichia coli*, *Klebsiella*, and *Enterobacter* species in water is a likely indicator of the presence of pathogenic organisms such as *Clostridium pafringens*, *Salmonella*, and Protozoa [18]. These pathogens cause diarrhea, giardiasis, dysentery, and gastroenteritis, which is common among therural dwellers of developing nations [2, 3, 8, 20–22].

Ground water is dominant over surface water and is less susceptible to bacterial pollution.

CONCLUSION

Water security and safety is of vital concern in arid and semiarid regions of Tamilnadu. Potable water accessibility and supply is limited due to fluctuating climatic conditions and environmental pollution that lower the wholesomeness of most water sources. The aim of this study was to establish the suitability of these water sources for drinking and use in industrial food processing by the small and medium enterprises (SME's). The aim of this study was to establish suitability of these water sources for drinking and use in industrial food processing by the small and medium enterprises (SME's). Enumeration of E.coli, Staphylococcus aureus, Clostridium pafringens, Coliforms, and cysts. Surface, ground, and chlorinated urban water sources in Isiolo were contaminated with bacteria and cysts to levels regarded as unsafe as per the standards for potable water. Thismakes the water sources unsafe for direct drinking and use in food processing. Acceptability of solar use in powering boreholes pumps and solar drying of agricultural produce has increased recently and solar water disinfection technologies might not be an exception. This would minimize health risk associated with other chemical disinfection methods and save on biofuelconsumption in the form of firewood for boiling water as well.

ANTIBACTERIAL ACTIVITY OF PSIDIUM GUAJAVA PLANT EXTRACT AGAINST CITRUS BACTERIAL CANKER CAUSED BY *XANTHOMONAS SPECIES*

Mini project submitted in partial fulfillment
of the requirement for the Degree of

Bachelor of Science in Microbiology

Submitted by

M s.M.DEEPIKA	(Reg No : 20UMB1330)
G.GOWSALYA	(Reg No : 20UMB1332)
V.GOWSIKA	(Reg No : 20UMB1333)
M.HEMALATHA	(Reg No : 20UMB1334)
M s.V.INDHUJA	(Reg No : 20UMB1335)



DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE
NAMAKKAL-637205

NOVEMBER-2022

CERTIFICATE

This is to certify that the entitled "**ANTIBACTERIAL ACTIVITY OF PSIDIUM GUAJAVA PLANT EXTRACT AGAINST CITRUS BACTERIAL CANKER CAUSED BY *XANTHOMONAS SPECIES***" submitted inpartial fulfillment of the requirement of the degree of BACHELOR OF SCIENCE IN MICROBIOLOGY to the PERIYAR UNIVERSITY,salem is the record of bonafied research work carried out by **M s.M.DEEPIKA(Reg No:20UMB1330),G.GOWSALYA (Reg No:20UMB1332),V.GOWSIKA(Reg No:20UMB1333),M.HEMALATHA (Reg No:20UMB1334),M s.V.INDHUJA(Reg No:20UMB1335)** under my supervison and guidance, that no part of the project has been submitted for the award of any degree,diploma,fellowship or other similar title or prizes and that the work has not been published in part of full in any scientific popular journals or magazines.

Signature of the Head

HEAD
DEPARTMENT OF MICROBIOLOGY,
ERODE ARTS & SCIENCE COLLEGE
ERODE - 638 009, (TN).

Signature of the Guide

The viva voice Examination held on 26.11.2022

External Examiners

1.

2.

DECLARATION

I here by declare the mini project entitled "**ANTIBACTERIAL ACTIVITY OF PSIDIUM GUAJAVA PLANT EXTRACT AGAINST CITRUS BACTERIAL CANKER CAUSED BY *XANTHOMONAS SPECIES*"** submitted to PERIYAR UNIVERSITY,Salem is partial fulfillment of the requirement to the award of the degree **BACHELOR OF MICROBIOLOGY,** is a record f original research work done by me under the guidance of **Mr.T.R.PRAKASH M.Sc.Mphil.,** department of microbiology,sengunthar arts and science college,tiruchengode and it has not formed that basic for the award of any Degree/ Diploma/ Associate ship/ fellowship or other similar title to any candidate of this University.

M. Deepika
G. Gowsalya
V.
M. Hemaly
V. Radhika

GUIDANCE SUPERVISOR

SIGNATURE OF CANDIDATE

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First and foremost, I would like to extend my greatest and deepest gratitude to my Supervisor, **Mr.T.R.PRAKASH M.Sc.,Mphil.,** Department of microbiology, for his constant encouragement, invaluable guidance, unfailing co-operation and keen interest evinced in my work helped to complete the thesis.

My profound thanks to **Dr. A.P.VENKATACHALAM, M.Sc., M.Phil, PhD**, Head of the Department, Department of Microbiology, Sengunthar Arts and Science College, Thirucengodefor providing facilities to undertake the course of study.

I express my heart full thanks to our Principal **Dr.P.RAVIKUMAR M.Sc., M.Phil,.Ph.D.,**and the Management of Sengunthar Arts and Science College,Tirucengode for the encouragement during the entire course of study.

I also wish to express my thanks to staff members of Sengunthar Arts and Science College, Tiruchengode **Dr.P.ASHOKKUMAR M.Sc.,PhD.,** Assistant Proffessor of Microbiology and **M s.M.NIVEDHARSINI.,MSc.,M.Phil**,encouragement during the entire course of study.

I express my thanks to **Mr.K.P.GOPAL** and **Mrs.D.SHANTHAKUMARI**. Technical staff for their timely help during my project work.

M s.M.DEEPIKA **(Reg No : 20UMB1330)**

G.GOWSALYA **(Reg No : 20UMB1332)**

V.GOWSIKA **(Reg No : 20UMB1333)**

M.HEMALATHA **(Reg No : 20UMB1334)**

M s.V.INDHUJA **(Reg No : 20UMB1335)**

I. INTRODUCTION

1.1. CITRUS CANKER

Citrus bacterial canker (CBC) caused by *Xanthomonas citri pv citri* (Hasses) (Xac) is a wide spread disease in citrus producing area of the tropic and subtropics. It is a serious disease of most commercial citrus cultivars and species (Civerola, 1984). The disease is present in Asia, Africa, North America, South America and Oceania (EPPO/CABI, 1997). Bacterial canker of citrus caused by *Xanthomonas axonopodis pv citri* is one of the most serious in citrus crops. It causes necrotic lesions on fruits, leaves and twigs. The symptoms are appearing on young leaves, twigs and fruits. The lesions at first are small slightly raised, round and light green spots later they become grayish, white rupture and appear corky with brown sunken centers. The margin of the leaves is often surrounded by a yellow halo (Sasitorn vudhivanchi, 2003).

Citrus canker caused by *Xanthomonas axonopodis pv citri* (Xc) (synonym *Xanthomonos campestris pv citri*) is a serious disease reducing the external quality of citrus fruits. It affects all types of citrus and severely infects on citrus aurantifolia (lime). Typical symptoms on leaves is a raised necrotic lesions surrounding with yellow halo but on fruit and steam halo seldom occurs (Chhalia Leksomboon *et al.*, 2001). Citrus canker caused by *Xanthomonos campestries pv. citri* is a common and endemic disease in many citrus growing countries through out the world (Hartung and Civesole, 1989) . The disease was originated from India, Indonesia and other countries in Asia (Semangun, 1994). In Indonesia and Malaysia citrus canker is one of the most important disease (Singh, 1980, Tri Joko, *et al.*, 2000).

Natural infections are known to occur on citrus hybrids, and on *Poncirus tripoliate, Fortunalla japonica, Fortunalla migarita, Severia bufolia and Swinglea glustinesa.* Two groups of strains with restricted host range have recently identified with pathotype A (Verniere *et al.*, 1998; sun *et al.*, 2000) and designated as A* and Aw. These are closely related to type A strain (Cubero and Graham 2002). The proposal has been *Xanthomones axonopodis citri* to pathotype A and to use *Xanthomonas axonopodis pv.aulrantifolil* for pathotype B and C (Vauterin *et al.* 1995). Despite the fact that these distinct names have been extensively and commonly used, the proposal has not been validated by the committee on taxonomy of plant pathogenic bacteria . so all strains considered as Xanthomonas campestris pv.citri. Another disease, citrus bacterial spot is

7. SUMMARY

- Samples were collected from infected citrus plant's part like leaves fruits and stem.
- Plant pathogens were isolated by spread plate method.
- Plant pathogens were identified by microscopic examination, cultural character and biochemical test.
- Antibacterial activity of medicinal plant (*Psidium guajava.*) extract was prepared by using
- chloroform, hexane, ethanol, diethyl ether.
- Antibacterial activity of medicinal plant was detected by zone of inhibition on *Xanthomonas campestris pv.citri.*
- In this *Psidium guajava* leaf extract prepared by chloroform ethanol hexane and diethyl ether solvents showed good results.
- Minimum inhibitory concentration of the plant extract against isolates was determined.
- Statistical analysis were performed for the medicinal plant treatment which showed that the treatment of citrus canker with the plant extract were significant.

8. CONCLUSION

In this study, we can conclude that, the chloroform, ethanol, hexane and diethyl ether extraction of *Psidium guajava* leaf powder at the concentration of 150µl can be recommended for the citrus canker disease. Further work on isolation and characterization of active compounds from *Psidium guajava* leaf would be highly beneficial for the treatment of citrus canker caused by Xanthomonas campestris pv.citri. The application of medicinal plants in the treatment of plant disease can minimize the environmental pollution by the chemicals and antibiotics.

ISOLATION,IDENTIFICATION AND CHARACTERIZATION OF ANTAGONATIC ACTIVITY PRODUCING BACTERIA FROM AGRICULTURAL SOIL

Mini project submitted in partial fulfillment
of the requirement for the Degree of

Bachelor of Science in Microbiology

Submitted by

M. SUNMATHI	(20UMB1347)
M.TAMILSELVI	(20UMB1348)
M.DEEPA	(18UMB1565)
S.YOGALAKSHMI	(20UMB1349)
P.SUGANESHWARI	(20UMB1346)

DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE,
TIRUCHENGODE
NAMAKKAL-637205

NOVERBER-2022

Miss. T.Nivedharshini M.Sc., M.Phil.,

Assistant Professor Dept of Microbiology
Sengunthar arts and Science College
Tiruchengode - 637205

CERTIFICATE

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28/11/22

SIGNATURE OF HEAD

HEAD
DEPARTMENT OF MICROBIOLOGY,
SENGUNTHAR ARTS & SCIENCE COLLEGE
TIRUCHENGODE - 637 205, (TN).

SIGNATURE OF GUIDE

Submitted for viva voce examination held on 26.11.2022

External Examiners

1 26/11/22

2 26/11/2022

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Guide

(Ms. T.NIVEDHARSHINI)

Signature of candidate

M.SUNMATHI

M.TAMILSELVI

M.DEEPA

P.SUGANSHWARI

S.YOGALAKSHMI

ACKNOWLEDGEMENT

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P.SUGANESHWARI

M.SUNMATHI

M.TAMILSELVI

S.YOGALAKSHMI

M.DEEPA

ISOLATION, IDENTIFICATION AND CHARACTERIZATION OF ANTAGONASTIC ACTIVITY PRODUCING BACTERIA FROM AGRICULTURAL SOIL

1.INTRODUCTION

The antibiotics are broadly distributed in the nature ,where they play main role in managing the microbial population of soil, water, compost, and sewage. Antibiotics are low molecular weight molecules that produced secondary metabolites ,mainly by microorganism that fount in the soil .Microbes which produce antibiotics in large amount that can survive for longer time than the other microbes which produced antibiotics in less amount. These antibiotics which produce by the microbes have been very beneficial and helpful for the treatment of many human and animal diseases caused by microbes like bacteria, fungi and protozoa. The bacteria present in soil can be rods,(bacilli), cocci (spherical),and spirilla(spirals) of which, bacillus are more in numbers than others bacteria. They are one of the major groups of soil bacteria and are widely distributed. *E.coli* is a gram negative straight rod shaped (*bacilli*)bacterium arranged singly or in pairs that is commenly found in the lower intestineof worm blooded organisms.These are the some important examples of antibiotics used in medical treatments are bacitracin,gramycidin s,polymyxin, and tyrotricidin produced by different bacillus species. Microbes have anti microbial properties that characterization of various antimicrobial substances as organic acid (lactic acid and formic acid),diacetyl, and hydrogen peroxide alone or in combination. And other antimicrobial subtances with antagonistic properties include biocides, probiotics, and sterilants. Plant disease critically endangered agricultural resources.In particular soil borne pathogens cause dramatic yield and economic losses,with fungi being the most aggressive pathogens. In the past few decades,chemical fungicides have had a critical role in controlling plant disease and increasing crop yield.Untilnow, suppression of soil borne pathogens mainly relied on chemical pesticides.However,recently,scientists have reported that long time use of chemical agents can cause advers effects,including environmental contamination,resistant plant pathogen out break,progressively greater production costs owing to the over expenditure on these chemicals,and even toxicity in human.

niger. Aspergillus niger is one of pathogenic fungi present in the environment,it is present in agricultural soil of plant and cause substantial aliments for plant that lead to huge crops yield loss.In this study, the antagonistic activity of *Klebsiella spp.,Escherchia coli,Bacillus spp.and Staphylococcus spp.*Bacteria was examined against *Aspergillus niger* pathogenic fungi isolated from agricultural soil by using disk diffusion agar technique.Bacterial cells were cultured and grown on sabouraud dextrose agar media.After that,bacterial and fungal colonies were purified to one type of each one.Subsequently,bacterial type was identified by gram satining kit and some biochemical tests such as lysine,urease,triple sugar iron and motility tests,while fungal type was identified by obseving it under the microscope.Finallty, the bacteria against fungi was examined by putting the cells of *Klebsiella spp.,Escherichia coli., Basillus spp.,Staphylococcus spp.*As antibiotic disk on streaked *Aspergillus niger* on Sabouraud Dextrose Agar plates and streaking bacterial cells and fungal cells half in half on Sabouraud Dextrose Agar. The results of this study proved that *Aspergillus niger* grew normally in the presence of *Klebsiella* while grew in presence of *Escherichia coli, Bacillus spp,* And *Staphylococcus spp.Klebsiella* might not produce any enzymes have the ability to dissolve the *Aspergillus niger* cell wall as chitinase enzyme while the different antagonistic activities of *Escherichia coli, Bacillus spp.,Staphylococcus sp* Despite the increasing number of scientific papers dealing with biological control,an insufficient number of products are available in the market.It is known that the efficiency of mycelial growth inhibition in vitro does not always correlated with bio control efficiency under natural condition.Further more, the production of antifungal metabolites may not be equally expressed under in vitro and natural soil condition.Hence,understanting the mechanisms of disease control may help to control soil borne disease efficiently.

It is known that some microorganisms of soil such as some bacterial and fungal species have efficient roles in plant as antagonists against pathogenic microorganisms.For example; *Escherichia coli* has antagonistic activity against *Aspergillus p.*were because they might produce chitinase enzyme at different rates.In conclusion,not all bacterial species of soil have antagonistic activity against pathogenic microorganisms in which *Klebsiella* had not antagonistic or activity was not able to be antifungal agent *Aspergillus niger.*where as *Escherichia coli,Bacillus spp.,Staphylococcus spp.*Had varies effects as antifungal growth agents according to the difference in the production of pathogenic fungal cell wall lytic enzymes. key words:

4.DISCUSSION

Antibiotic production is a quality of several types of soil microbes and may represnt a survival mechanism where organisms caneliminate copetition and colonize a niche.According to shinde,the *E.coli* ATCC8739 with 49.77% antagonistic activity show aginst ten fungal pathogens.Some of the soil bacteria showed antifungal properties because they produce chitins which may be a part of a lytic system that capable bacteria for living on hyphae as real growth substrate. *E.coli* was produced chintinase enzyme because of this chintinase *E.coli* dissolve the cell wall of the pathogenicfungus *F.oxysporum* which cause the wilt disease in cucumber.Along with the three strains of the bacteria, *E.coli* was found to be more effective as remaining two bacterial strains.It was observed that besides antagonistic properties of strain-1 also exhibited the capabilities to suppress the growth of test fungal species(*Penicillium notatum,P.chrysogenum,Aspergillus niger and F.flavus)* used in this study. This showed that strain-1 might have great ability to become an effective anti-fungal agent which is clearly shown in the figure 4, so the strain-1 is an antibacterial as well as anti-fungal agent. Strain-1 could be applied in agricuturalindustries, husbandry and medical fields.Even, more species of test fungi were neededin this testing in order to show the antifugal properties exhibited by strain-1.

MICROBIAL LOAD IN PERMENTED WHITE RICE

Mini project submitted in partial fulfillment
of the requirement for the Degree of

Bachelor of Science in Microbiology

Submitted by

Mr.R.DINESHKUMAR (REG.NO:20UMB1313)

Mr.S.HARIHARAN (REG.NO:20UMB1314)

Mr.S.KARTHICKRAJA (REG.NO:20UMB1315)

Mr.S.KARTHIK (REG.NO:20UMB1316)



DEPARTMENT OF MICROBIOLOGY

SENGUNTHAR ARTS AND SCIENCE COLLEGE,
TIRUCHENGODE
NAMAKKAL-637205

Dr.P.Venkatachalam M.Sc., M.Phil.,Ph.D.

Assistant Professor & Head of the Dept of Microbiology

SenguntharArts and Science College

Tiruchengode-637205

CERTIFICATE

This is to certify that the entitle **"MICROBIAL LOAD IN PERMENTED WHITE RICE"**Submitted in partial fulfillment of the requirement of the degree of Bachelor of Science in Microbiology to the Periyar University,Salem is the record of bonafied research work carriedoutby **Mr.R.DINESHKUMAR - (20UMB1313) Mr.S.HARIHARAN - (20UMB1314) Mr.S.KARTHICKRAJA - (20UMB1315) Mr.S.KARTHIK - (20UMB1316)**under my supervision and guidance, that no part of the project has been submitted for the award of any degree,diploma,fellowship or other similar titles or prizes and that the work has not been published in part of full in any scientific popular journals or magazines

A.P. 26/11/22

SIGNATURE OF HEAD

HEAD
DEPARTMENT OF MICROBIOLOGY,
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TIRUCHENGODE - 637 205, (TN).

A.P. 26/11/22

SIGNATURE OF GUIDE

Submitted for viva voce examination held on 26.11.2022

External Examiners

1 26/11/22

2 26/11/2022

DECLARATION

I hereby declare the mini project entitled **"MICROBIAL LOAD IN PERMENTED WHITE RICE"** Submitted to Periyar University, Salem is partial fulfillment of the requirement to the award of the degree Bachelor of Science in Microbiology, is a record of original research work done by me under the guidance of Dr.P.VENKATACHALAM M.Sc.,M.Phill., Ph.D., Assistant Professor, Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode and it has not formed that basic for the award of any Degree/Diploma/Associate ship/Fellowship or other similar title to any candidate of this university.

Guide and Supervisor

(Dr. P.VENKATACHALAM)

Signature of candidate

R.DINESHKUMAR

S.HARIHARAN

S.KARTHICKRAJA

S.KARTHIK

ACKNOWLEDGEMENT

First and foremost, I would like to extend my greatest and deepest to my supervisor, **Dr. P. VENKATACHALAM M.Sc.,M.Phill.,Ph.D.,** Assistant Professor, & Head of the Department of Microbiology, for his constant encouragement, invaluableguidance, unfailingco-operation and keen interest evinced in my work helped to complete the thesis

My profound to **Dr. P. ASHOKKUMAR M.Sc.,Ph.D.,**Assistant Professor Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode, for the encouragement during the entire course of study.

I also wish to express my thanks to staff members of Sengunthar Arts and Science College, Tiruchengode. **Ms.T.NIVEDHARSINI M.Sc., M.Phil. and Mr.T.R.PRAKASH M.Sc., M.Phil.**, For their encouragement during the entire course of study.

I express my thanks to **Mr. K.P. GOPAL** and **Mrs. D.SHANTHAKUMARI**, Technical staff for their timely help during my project

R.DINESHKUMAR

S.HARIHARAN

S.KARTHICKRAJA

S.KARTHIK

MICROBIAL LOAD IN FERMENTED WHITE RICE

1.INTRODUCTION

Probiotics are live microorganisms used as food supplements, which provide health benefits when consumed, through improving the intestinal microbial balance of the host (Fuller, 1989).They are live microorganisms which when administered in adequate amounts confer health benefits on the host (FAO-WHO, 2001). Microorganisms commonly used asprobiotics include *Bifidobacteria, Lactobacilli* and certain yeasts. Research has shown that addition of probiotics to food provides many a health benefit. They are able to increase the frequency of bowel movements (Bekkali *et al.*, 2007) and stimulate cell-mediated immunity (Wold, 2001). Moreover, *Lactobacillus acidophilus* L1 has shown the ability to reduce serum cholesterol level indicating the potential of reducing the risk for coronary heart disease by 6% to 10% in hypercholesterolemic human (Anderson *et al.*, 1999). *L. Rhamnosus* GG has shown anti-carcinogenic effects through decreasing the activity of β-glucuronidase (Nicole and Martjjn, 2000). Fermentation is one of the primary methods of adding value to food including improving palatability, safety, shelf life and nutritional value.This process could also be applied in the production of functional foods such as probiotic food (Salovaara and Simson, 2004).

The fermentation process is widely used for preservation of food, particularly in developing countries (Lei, 2006). Yoghurt rice, "*dosa*", "*idli*" and hoppers are some examples of fermented rice products that constitute traditional Indian and Sri Lankan food (Wickramanayake, 2002). In the past, a vast majority of the farming community in Asian regions used to consume fermented rice for breakfast. This type of diet was known to provide adequate nutrition. The soothing effects of such meals were also well known. Fermented rice-milk beverage products show unique flavour, good taste and milky colour where *L.acidophilus* and *Streptococcus thermophillus* are used as starter cultures with rice steep liquor-milk (Yong-Jin *et al.*, 2010). Production of primary metabolite, lactic acid and resultant decrease in pH is identified as the main preserving factor in fermentation of food (Jagadeeswari *et al.*, 2010).

Cereal constituents such as wheat bran-based ingredients fermented with

probiotic, enhance the consumer health with the benefits of probiotics, bran fibre, and healthful bioactive components (Lamsal and Faubion, 2009). Poor eating habits, consumption of chlorinated drinking water, stress and certain disease conditions, consumption of alcohol and the use of antibiotics are known to alter the composition and activities of gut flora. These effects are akin to what occurs following systemic antimicrobial treatment on such occasions, the tilt of balance of the bacterial population dynamics results in overgrowth of opportunistic and undesirable bacteria in the gut. The reduction in the proportion of beneficial bacteria leads todevelopment of excessive gas, bloating, constipation, intestinal toxicity and poor absorption of nutrients. Hence, it is essential to enrich the human gut with probiotics in order to maintain the probiotic balance through regular intake of probiotic foods. Many lactobacilli species possess probiotic determinants including resistance to low pH, bile tolerance, adhesive properties, antibacterial activity, and antibiotic susceptibility. There is evidence to suggest that organisms from different origins vary in their probiotic properties (Sandholm *et al.*, 2002).

The possibilities of horizontal gene transfer and recombination to create harmful pathogens in genetically modified (GM) probiotics (Cummins and Wan Ho, 2006) limit the production and application of the GM probiotics. Therefore, many researchers explore novel strains from different sources with improved probiotic potential.

Fermented rice is one of the neglected foods in countries where rice is a staple. Furthermore,despite the numerous strains of probiotic bacteria isolated from different sources including traditional fermented food, there is a paucity of information on fermented rice and their constituent probiotic bacteria. In this backdrop, the objective of the current study was to isolate and identify potentially probiotic microorganisms from fermented rice

4.CONCLUSIONS

Traditional fermented food products such as fermented rice are known to possess probiotic potential. Probiotics are live microorganisms that provide a myriad of health benefits. Despite the associated health benefits, fermented rice has not received due attention in the countries where rice is the staple diet. Many strains of probiotic bacteria have been isolated from different sources, however, not much work has been carried out on isolation of probiotic strains from fermented rice. In this backdrop, the present study was carried out to isolate and identify potentially probiotic microorganisms from fermented rice.Cooked and uncooked white and red rice were separately fermented and subsequently used to isolate potentially probiotic strains. The Man Rogosa Sharpe (MRS). MRS sorbitol (0.2%)and MRS L-cysteine (0.5%) culture media were used for the isolation of potentially probiotic bacteria. The samples of fermented rice were serially diluted, plated and incubated at 37 °C for 2-3 days under anaerobic conditions. The resulting colonies were purified and tested for catalase production and Gram-staining. Distinct cluster like cocci, diplo cocci and rods were observed with gram-positive and catalase-negative reactions. Most of the isolated cluster like cocci morphologically resembled Aercococcus or Peptococcus species. The rods were selected for motility and endospore test and sugar fermentation was studied using API 50CH kits. The biochemical characteristics (grampositivity and catalase-negativity) non-motile and non-endospore forming and colony and cell morphology of seven rod shaped bacteria resembled the genus Lactobacillus and were identified to species level by API 50CH kits. The subsequent physiological and molecular methods for species identification and probiotic characterization of these seven Lactobacillus spp will further confirm the application of them as potential probiotic starter cultures in the food industry.

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DEPARTMENT OF MATHEMATICS

PROJECT LIST (2022 – 2023)

II M.Sc (MATHEMATICS)

S.NO	STUDENT NAME	REGISTER NUMBER	TITLE OF THE PAPERS	GUIDE
1	A.DHANAPAL	C21PG127MAT001	CHARACTRIZATION OF MATCHINGS AND COLOURINGS	Mr.S.THIRUNAVUKKARASU
2	S.PURUSHOTHAMAN	C21PG127MAT002	RHOTRIX THEORY	Mr.M.GOPINATH
3	C.AGNES JENITHA	C21PG127MAT003	INFORMATION VOLUME OF THE FUZZY MEMBERSHIP FUNCTION	Mr.S.THIRUNAVUKKARASU
4	S.BHUVANA	C21PG127MAT004	FUZZY MATRICES AND EIGEN FUZZY SET OF RELATON WITH APPLICATIONS	Mr.K.CHINNADURAI

5	S.BHUVANESHWARI	C21PG127MAT005	FUNCTIONS OF DIFFERENTIAL EQUATIONS WITH APPLICATIONS	Mr.K.CHINNADURAI
6	S.ILAKKIYA	C21PG127MAT007	A STUDY ON GROUPS ACTING ON A SETS	Mr.K.CHINNADURAI
7	M.LOGAPRIYA	C21PG127MAT008	FIXED POINT THEOREMS IN TOPOLOGY	Mrs.R.KOKILAVANI
8	S.MANJULA	C21PG127MAT009	STUDY OF SEMIRINGS	Mr.K.CHINNADURAI
9	T.MOHANAPRIYA	C21PG127MAT010	STUDY OF BILINEAR FORMS	Mr.M.GOPINATH
10	K.PRIYA	C21PG127MAT011	QUEUING THEORY	Mr.M.GOPINATH
11	R.VINCI	C21PG127MAT012	GAME THEORY OF SOLVING PROBLEMS IN DIFFERENT STATEGIES AND IT'S APPLICATIONS	Mrs.R.KOKILAVANI

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TIRUCHENGODE - 637 205.

CHARACTRIZATION OF MATCHINGS AND COLOURINGS

A project report submitted to Periyar University in partial fulfillment of the requirements for the award of degree of

MASTER OF SCIENCE IN MATHEMATICS
(Under Choice Based Credit System)

Submitted by

A.DHANAPAL
REG.NO: C21PG127MAT001

Under the guidance of
Mr.S.THIRUNAVUKKARASU, M.Sc., B.Ed.,
Head, Department of Mathematics

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TIRUCHENGODE - 637 205
APRIL 2023

Mr.S.THIRUNAVUKKARASU, M.Sc., B.Ed.,

Head, Department of Mathematics,

Sengunthar Arts and Science College,

Trichengode-637 205

DATE: 03.05.2023

CERTIFICATE

This is to certify that the project work entitled" **CHARACTRIZATION OF MATCHINGS AND COLOURINGS**" submitted in partial fulfilment of the requirement of the degree of **MASTER OF SCIENCE IN MATHEMATICS (Under Choice Based Credit System)** to the Periyar University, Salem is a record of bonafide research work carried out by **A. DHANAPAL (Reg.No.C21PG127MAT001)** under my supervision and guidance and that no part of project has been submitted for the award of any Degree, Diploma, Fellowship or other similar title or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

Head of the Department

Signature of the Guide

Examiner

RHOTRIX THEORY

A project report submitted to Periyar University in partial fulfillment of the requirements for the award of degree of

MASTER OF SCIENCE IN MATHEMATICS
(Under Choice Based Credit System)

Submitted by

S.PURUSHOTHAMAN
REG.NO: C21PG127MAT002

Under the guidance of
Mr.M.GOPINATH, M.Sc.,M.Phil.,
Assistant professor, Department of Mathematics



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TIRUCHENGODE - 637 205

APRIL 2023

Mr.M.GOPINATH, M.Sc.,M.Phil.,

Assistant professor, Department of Mathematics,

Sengunthar Arts and Science College,

Trichengode-637 205

DATE: 03.05.2023

CERTIFICATE

This is to certify that the project work entitled **"RHOTRIX THEORY"** submitted in partial fulfilment of the requirement of the degree of **MASTER OF SCIENCE IN MATHEMATICS (Under Choice Based Credit System)** to the Periyar University, Salem is a record of bonafide research work carried out by **S.PURUSHOTHAMAN (Reg.No.C21PG127MAT002)** under my supervision and guidance and that no part of project has been submitted for the award of any Degree, Diploma, Fellowship or other similar title or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

Head of the Department

Signature of the Guide

Examiner 3/5/23

INFORMATION VOLUME OF THE FUZZY MEMBERSHIP FUNCTION

A project report submitted to Periyar University in partial fulfillment of the requirements for the award of degree of

MASTER OF SCIENCE IN MATHEMATICS
(Under Choice Based Credit System)

Submitted by

C. AGNUS JENITHA
REG.NO: C21PG127MAT003

Under the guidance of

Mr.S.THIRUNAVUKKARASU, M.Sc.,B.Ed.,
Assistant professor, Department of Mathematics



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TIRUCHENGODE - 637 205

APRIL 2023

Mr.S.THIRUNAVUKKARASU, M.Sc.,B.Ed.,
Assistant professor, Department of Mathematics,
Sengunthar Arts and Science College,
Trichengode-637 205

DATE: 03/05/23

CERTIFICATE

This is to certify that the project work entitled **"INFORMATION VOLUME OF THE FUZZY MEMBERSHIP FUNCTION"** submitted in partial fulfilment of the requirement of the degree of **MASTER OF SCINCE IN MATHEMATICS (Under Choice Based Credit System)** to the Periyar University, Salem is a record of bonafide research work carried out by **C. AGNUS JENITHA (Reg.No. C21PG127MAT003)** under my supervision and guidance and that no part of project has been submitted for the award of any Degree, Diploma, Fellowship or other similar title or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

Head of the Department

Signature of the Guide

Examiner

FUZZY MATRICES AND EIGEN FUZZY SET OF RELATION WITH APPLICATIONS

A project report submitted to Periyar University in partial fulfillment of the requirements for the award of degree of

MASTER OF SCIENCE IN MATHEMATICS
(Under Choice Based Credit System)

Submitted by

S.BHUVANA
REG.NO: C21PG127MAT004

Under the guidance of
Mr.K.CHINNADURAI, M.Sc.,M.Phil.,
Assistant professor, Department of Mathematics



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TIRUCHENGODE - 637 205

APRIL 2023

Mr.K.CHINNADURAI, M.Sc.,M.Phil.,
Assistant professor, Department of Mathematics,
Sengunthar Arts and Science College,
Trichengode-637 205

DATE: 03/05/23

CERTIFICATE

This is to certify that the project work entitled"**FUZZY MATRICES AND EIGEN FUZZY SET OF RELATION WITH APPLICATIONS**" submitted in partial fulfilment of the requirement of the degree of **MASTER OF SCIENCE IN MATHEMATICS (Under Choice Based Credit System)** to the Periyar University, Salem is a record of bonafide research work carried out by **S.BHUVANA (Reg.No.C21PG127MAT004)** under my supervision and guidance and that no part of project has been submitted for the award of any Degree, Diploma, Fellowship or other similar title or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

3/5/23
Head of the Department

03/5/23
Signature of the Guide

3/5/23
Examiner

FUNCTIONS OF DIFFERENTIAL EQUATIONS WITH APPLICATIONS

A project report submitted to Periyar University in partial fulfillment of the requirements for the award of degree of

MASTER OF SCIENCE IN MATHEMATICS
(Under Choice Based Credit System)

Submitted by

S. BHUVANESHWARI
REG.NO: C21PG127MAT005

Under the guidance of
Mr.K.CHINNADURAI, M.Sc.,M.Phil.,
Assistant professor, Department of Mathematics



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APRIL 2023

Mr.K.CHINNADURAI, M.Sc.,M.Phil.,
Assistant professor, Department of Mathematics,
Sengunthar Arts and Science College,
Trichengode-637 205

DATE: 03.05.2023

CERTIFICATE

This is to certify that the project work entitled"**FUNCTIONS OF DIFFERENTIAL EQUATIONS WITH APPLICATIONS**" submitted in partial fulfilment of the requirement of the degree of **MASTER OF SCIENCE IN MATHEMATICS (Under Choice Based Credit System)** to the Periyar University, Salem is a record of bonafide research work carried out by **S.BHUVANESHWARI (Reg.No.C21PG127MAT005)** under my supervision and guidance and that no part of project has been submitted for the award of any Degree, Diploma, Fellowship or other similar title or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

Head of the Department

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A STUDY ON GROUPS ACTING ON A SETS

A project report submitted to Periyar University in partial fulfillment of the requirements

for the award of degree of

MASTER OF SCIENCE IN MATHEMATICS
(Under Choice Based Credit System)

Submitted by

S.ILAKKIYA
REG.NO: C21PG127MAT007

Under the guidance of

Mr.K.CHINNADURAI, M.Sc.,M.Phil.,
Assistant professor, Department of Mathematics



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TIRUCHENGODE - 637 205

APRIL 2023

Mr.K.CHINNADURAI, M.Sc.,M.Phil.,
Assistant professor, Department of Mathematics,
Sengunthar Arts and Science College,
Tiruchengode-637 205

DATE: 03-05-2023

CERTIFICATE

This is to certify that the project work entitled"**A STUDY ON GROUPS ACTING ON A SETS**" submitted in partial fulfilment of the requirement of the degree of **MASTER OF SCIENCE IN MATHEMATICS (Under Choice Based Credit System)** to the Periyar University, Salem is a record of bonafide research work carried out by **S.ILAKKIYA (Reg.No.C21PG127MAT007)** under my supervision and guidance and that no part of project has been submitted for the award of any Degree, Diploma, Fellowship or other similar title or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

Head of the Department

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FIXED POINT THEOREMS IN TOPOLOGY

A project report submitted to Periyar University in partial fulfillment of the requirements for the award of degree of

MASTER OF SCIENCE IN MATHEMATICS
(Under Choice Based Credit System)

Submitted by

M.LOGAPRIYA
REG.NO: C21PG127MAT008

Under the guidance of
Mrs.R.KOKILAVANI, M.Sc.,M.Phil,
Assistant professor, Department of Mathematics



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TIRUCHENGODE - 637 205

APRIL 2023

Mrs.R.KOKILAVANI, M.Sc.,M.Phil.,

Assistant professor, Department of Mathematics,

Sengunthar Arts and Science College,

Trichengode-637 205

DATE: 03-05-2023

CERTIFICATE

This is to certify that the project work entitled **"FIXED POINT THEOREMS IN TOPOLOGY"** submitted in partial fulfilment of the requirement of the degree of **MASTER OF SCINCE IN MATHEMATICS (Under Choice Based Credit System)** to the Periyar University, Salem is a record of bonafide research work carried out by **M.LOGAPRIYA (Reg.No.C21PG127MAT008)** under my supervision and guidance and that no part of project has been submitted for the award of any Degree, Diploma, Fellowship or other similar title or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

Head of the Department

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Examiner

STUDY OF SEMIRINGS

A project report submitted to Periyar University in partial fulfillment of the requirements for the award of degree of

MASTER OF SCIENCE IN MATHEMATICS
(Under Choice Based Credit System)

Submitted by

S.MANJULA
REG.NO: C21PG127MAT009

Under the guidance of
Mrs.R.KOKILAVANI, M.Sc.,M.Phil.,
Assistant professor, Department of Mathematics



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TIRUCHENGODE - 637 205

APRIL 2023

Mrs.R.KOKILAVANI, M.Sc.,M.Phil.,
Assistant professor, Department of Mathematics,
Sengunthar Arts and Science College,
Trichengode-637 205

DATE:03.05.2023.

CERTIFICATE

This is to certify that the project work entitled **"STUDY OF SEMIRINGS"** submitted in partial fulfilment of the requirement of the degree of **MASTER OF SCIENCE IN MATHEMATICS (Under Choice Based Credit System)** to the Periyar University, Salem is a record of bonafide research work carried out by **S.MANJULA (Reg.No.C21PG127MAT009)** under my supervision and guidance and that no part of project has been submitted for the award of any Degree, Diploma, Fellowship or other similar title or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

Head of the Department

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Examiner

STUDY OF BILINEAR FORMS

A project report submitted to Periyar University in partial fulfillment of the requirements for the award of degree of

MASTER OF SCIENCE IN MATHEMATICS
(Under Choice Based Credit System)

Submitted by

T.MOHANAPRIYA
REG.NO: C21PG127MAT010

Under the guidance of

Mr.M.GOPINATH, M.Sc.,M.Phil.,
Assistant professor, Department of Mathematics



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TIRUCHENGODE - 637 205

APRIL 2023

Mr.M.GOPINATH, M.Sc.,M.Phil.,
Assistant professor, Department of Mathematics,
Sengunthar Arts and Science College,
Trichengode-637 205

DATE:03/05/2023

CERTIFICATE

This is to certify that the project work entitled **"STUDY OF BILINEAR FORMS"** submitted in partial fulfilment of the requirement of the degree of **MASTER OF SCINCE IN MATHEMATICS (Under Choice Based Credit System)** to the Periyar University, Salem is a record of bonafide research work carried out by **T.MOHANAPRIYA (Reg.No.C21PG127MAT010)** under my supervision and guidance and that no part of project has been submitted for the award of any Degree, Diploma, Fellowship or other similar title or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

Head of the Department

Signature of the Guide

Examiner

QUEUING THEORY

A project report submitted to Periyar University in partial fulfillment of the requirements for the award of degree of

MASTER OF SCIENCE IN MATHEMATICS
(Under Choice Based Credit System)

Submitted by

K.PRIYA
REG.NO: C21PG127MAT011

Under the guidance of
Mr.M.GOPINATH, M.Sc.,M.Phil.,
Assistant professor, Department of Mathematics



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TIRUCHENGODE - 637 205

APRIL. 2023

Mr.M.GOPINATH, M.Sc.,M.Phil.,
Assistant professor, Department of Mathematics,
Sengunthar Arts and Science College,
Trichengode-637 205

DATE: 03.05.2023

CERTIFICATE

This is to certify that the project work entitled **"QUEUING THEORY"** submitted in partial fulfilment of the requirement of the degree of **MASTER OF SCINCE IN MATHEMATICS (Under Choice Based Credit System)** to the Periyar University, Salem is a record of bonafide research work carried out by **K.PRIYA (Reg.No.C21PG127MAT011)** under my supervision and guidance and that no part of project has been submitted for the award of any Degree, Diploma, Fellowship or other similar title or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

Head of the Department

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Examiner

GAME THEROY OF SOLVING PROBLEMS IN DIFFERENT STRATEGIES AND IT'S APPLICATIONS

A project report submitted to Periyar University in partial fulfillment of the requirements

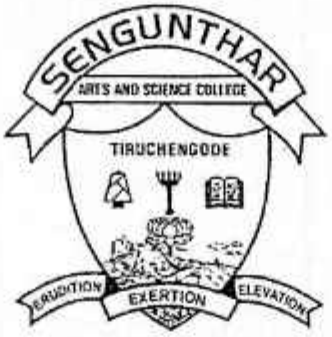
for the award of degree of

MASTER OF SCIENCE IN MATHEMATICS
(Under Choice Based Credit System)
Submitted by

R.VINCI
REG.NO: C21PG127MAT012

Under the guidance of

Mrs.R. KOKILAVANI , M.Sc.,M.Phil.,
Assistant professor, Department of Mathematics



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TIRUCHENGODE - 637 205

APRIL 2023

Mrs.R.KOKILAVANI , M.Sc.,M.Phil.,
Assistant professor, Department of Mathematics,
Sengunthar Arts and Science College,
Trichengode-637 205

DATE: 03-05-2023

CERTIFICATE

This is to certify that the project work entitled **"GAME THEROY OF SOLVING PROBLEMS IN DIFFERENT STRATEGIES AND IT'SAPPLICATIONS"** submitted in partial fulfilment of the requirement of the degree of **MASTER OF SCIENCE IN MATHEMATICS (Under Choice Based Credit System)** to the Periyar University, Salem is a record of bonafide research work carried out by **R.VINCI (Reg.No.C21PG127MAT012)** under my supervision and guidance and that no part of project has been submitted for the award of any Degree, Diploma, Fellowship or other similar title or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

Head of the Department

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LIST OF PROJECTS

Department of Biotechnology

Degree/Branch/Semester: II M.Sc., Biotechnology Total Number of Students: 15 Academic Year: 2022--2023

S.NO	REG.NO	STUDENT NAME	PROJECT TITLE	GUIDE NAME
1	C21PG127BIT001	M.AJITH	GREEN SYNTHESIS OF Cuo NANOPARTICLES BY OCIMUM AMERICANUM LEAF EXTRACT AND ITS APPLICATION ANTIBACTERIAL ACTIVITY AGAINST THE HUMAN PATHOGENS	DR.A.JEEVA
2	C21PG127BIT002	S.ANNAMALAI	PHYTOCHEMICAL SCREENING GC-MS ANALYSIS AND ANTIBACTERIAL ACTIVITY OF ARISTOLOCHIA BRACTEOLATE LEAF EXTRACT	MS.M.LAVANYA
3	C21PG127BIT003	A.CHRISTOPHER	PHYTOCHEMICAL AND PHARMACOLOGICAL ACTIVITY OF ETHYL ACETATE LEAF EXTRACT OF EHERTIA LEAVIS	MR.K.VIVEK
4	C21PG127BIT004	S.GODSONPRABHU	PHYTOCHEMICAL AND ANTIFUNGAL SCREENING IN LEAF EXTRACTS OF BUTEA MONOSPERMA(LAM) TAUB.	MS.R.RAJARAJESHWARI

5	C21PG127BIT005	M.KAVIYARASU	PHYTOCHEMICAL AND ANTI-INFLAMMATION ACTIVITY OF HERBAL PLANTS	MRS.K.VISHNUKUMARI
6	C21PG127BIT006	S.MUTHUVEL	GREEN SYNTHESIS OF SIVER NANOPARTICALS BY ACORUS CALAMUS EXTRACT AND ANTICANCER ACTIVITY ON HEP-G2 CELL LINE	DR.S.SUDHAKAR
7	C21PG127BIT007	D.SABAREESH	PHYTOCHEMICAL AND ANTIFUNGAL SCREENING IN LEAF EXTRACTS OF SCHEFFLERA HYPOLEUCA	MS.R.RAJARAJESHWARI
8	C21PG127BIT008	L.SABARIVASAN	GREEN SYNTHESSIS OF CuO NANOPARTICLES BY JUSTICIA TRANQUEBARIENSIS EXTRACT AND ITS APPLICATION ON ANTIBACTERIAL ACTIVITY	DR.A.JEEVA
9	C21PG127BIT010	U.AISHWARYA	EVALUATION OF IN-VITRO ANTI BACTERIAL,ANTI INFLAMMATION,ANTI-DIABETIC ACTIVITY AND ANTIOXIDANT ACTIVITY OF PHYLLANTHUS RETICULATUS LEAF EXTRACTS	MS.M.LAVANYA
10	C21PG127BIT011	M.GOKULAPRIYA	A COMPARATIVE STUDY ON NATURAL MATERIALS AND Fe NANOPARTICLES ON TREATMENT OF CONTAMINATED INDUSTRIAL EFFLUENTS-A BIOTECHNOLOGICAL APROACH	DR.S.SUDHAKAR
11	C21PG127BIT013	R.PREMA	ANTIBACTERIAL ACTIVITY OF ALEOVERA AGAIST MUTI-DRUG RESISTANCE BACTERIA	MS.R.RAJARAJESHWARI

12	C21PG127BIT015	S.SAKTHEESWARI	STUDIES ON PLANT GROWTH PROMOTING ACTIVITIES USING AZOTOBACTER AS BIO FERTILIZR	DR.S.SUDHAKAR
13	C22PG127BIT016	L.SUBHASHINI	PHYTOCHEMICAL AND PHARMACOLOGICAL ACTIVITY OF CHLOROFORM LEAF ECTRACT OF EHERTLA LEAVIS	MR.K.VIVEK
14	C22PG127BIT017	M.VISWASREE	A NOVEL APPROACH FOR WATER PURIFICATION STRYCHNOS POTATORUM SEED POWDER AS POTENTIAL WATER PURIFIER	MRS.K.VISHNUKUMARI
15	C22PG127BIT018	A.YAMINI	INVITRO ANTI-BACTERIAL ,ANTI-OXIDANT,ANTI-CANCER AND ANTIFUNGAL EFFECT OF GANODERMA LUCIDUM FROM WOOD	MRS.K.VISHNUKUMARI

H. O. D.

PRINCIPAL

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

Dr. A. JEEVA, M.Sc., Ph.D.,

Assistant Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode – 637205.
Namakkal Dt.

CERTIFICATE

This is to certify that the dissertation entitled "GREEN SYNTHESIS OF CuO NANOPARTICLES BY *OCIMUM AMERICANUM* LEAF EXTRACT AND ITS APPLICATION ON ANTIBACTERIAL ACTIVITY AGAINST THE HUMAN PATHOGENS" submitted in partial fulfillment of the requirement of the degree of **MASTER OF SCIENCE IN BIOTECHNOLOGY** to the Periyar University, Salem is a record of bonafide research work carried out by **M. AJITH (Register No.C21PG127BIT001)** under my supervision and guidance and that no part of the dissertation has been submitted for the award of any Degree, Diploma, Fellowship or other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

SIGNATURE OF THE GUIDE

29/4/23

HEAD OF THE DEPARTMENT

Dr.S.SUDHAKAR, M.SC.,M.Phil.,Ph.D.,
Head and Asst. Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode - 637205
Namakkal (Dt). Tamilnadu.

EXAMINERS

1. 21/6/2023

2 21/5/23

1

Ms.M. LAVANYA, M.Sc.,M.Phil.,

Assistant Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode – 637205.
Namakkal Dt.

CERTIFICATE

This is to certify that the dissertation entitled ***"PHYTOCHEMICAL SCREENING GC-MS ANALYSIS AND ANTIBACTERIAL ACTIVITY OF ARISTOLOCHIA BRACTEOLATE LEAF EXTRACT"*** submitted in partial fulfillment of the requirement of the degree of **MASTER OF SCIENCE IN BIOTECHNOLOGY** to the Periyar University, Salem is a record of bonafide research work carried out by **S.ANNAMALAI (Register No.C21PG127BIT002)** under my supervision and guidance and that no part of the dissertation has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

M.

SIGNATURE OF THE GUIDE

29/4/23

HEAD OF THE DEPARTMENT

Dr.S.SUDHAKAR, M.SC.,M.Phil.,Ph.D.,
Head and Asst. Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode - 637205
Namakkal (Dt). Tamilnadu.

EXAMINERS

1. M. 27/5/23
2. 27/5/23

MR.K.VIVEK M.SC., (Ph. D)

Assistant Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode – 637205.
Namakkal Dt.

CERTIFICATE

This is to certify that the dissertation entitled PHYTOCHEMICAL AND PHARMACOLOGICAL ACTIVITY OF ETHYL ACETATE LEAF EXTRACT OF *EHRETIA LEAVIS* submitted in partial fulfillment of the requirement of the degree of **MASTER OF SCIENCE IN BIOTECHNOLOGY** to the Periyar University, Salem is a record of bonafide research work carried out by **A. CHRISTOPHER (Register No.C21PG127BIT003)** under my supervision and guidance and that no part of the dissertation has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

29/4/23

SIGNATURE OF THE GUIDE

(MR.K.VIVEK M.Sc., (Ph.D))

29/4/23

HEAD OF THE DEPARTMENT

Dr.S.SUDHAKAR, M.SC.,M.Phil.,Ph.D.,
Head and Asst. Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode - 637205
Namakkal (Dt). Tamilnadu.

Examiner 1 .....29/4/23.....

Examiner 2 .....29.4.23.....

CERTIFICATE

This is to certify that the dissertation entitled **"PHYTOCHEMICAL AND ANTIFUNGAL SCREENING IN LEAF EXTRACTS OF *BUTEA MONOSPERMA* (LAM.)TAUB."** submitted in partial fulfillment of the requirement of the degree of **MASTER OF SCIENCE IN BIOTECHNOLOGY** to the Periyar University, Salem is a record of bonafide research work carried out by Mr. **S. GODSONPRABHU (Register No. C21PG127BIT004)**, no part of the dissertation has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

29/4/23

HEAD OF THE DEPARTMENT

Dr.S.SUDHAKAR, M.SC.,M.Phil.,Ph.D.,
Head and Asst. Professor
Department of Biotechnology
Sengunthar Arts and Science College,
Tiruchengode - 637205
Namakkal (Dt). Tamilnadu.

EXAMINERS

1. 2/5/23

2. 2/5/23

Mrs.K.VISHNUKUMARI M.Sc., M.Phil.,

Assistant Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode – 637205.
Namakkal Dt.

CERTIFICATE

This is to certify that the dissertation entitled *"PHYTOCHEMICAL AND ANTI-INFLAMMATORY ACTIVITY OF HERBAL PLANTS"* submitted in partial fulfillment of the requirement of the degree of **MASTER OF SCIENCE IN BIOTECHNOLOGY** to the Periyar University, Salem is a record of bonafide research work carried out by **M.KAVIYARASU (Register No.C21PG127BIT005)** under my supervision and guidance and that no part of the dissertation has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

SIGNATURE OF THE GUIDE

29/4/23

HEAD OF THE DEPARTMENT

Dr.S.SUDHAKAR, M.SC.,M.Phil.,Ph.D.,
Head and Asst. Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode - 637205
Namakkal (Dt). Tamilnadu.

EXAMINERS

1. 21/5/2023

2 21/5/23

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

Assistant Professor and Head
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode – 637205.
Namakkal Dt.

CERTIFICATE

This is to certify that the dissertation entitled *"GREEN SYNTHESIS OF SIVER NANOPARTICALS BY ACORUS CALAMUS L. EXTRACT AND ANTICANCER ACTIVITY ON HEP-G2 CELL LINES"* submitted in partial fulfillment of the requirement of the degree of **MASTER OF SCIENCE IN BIOTECHNOLOGY** to the Periyar University, Salem is a record of bonafide research work carried out by **S.MUTHUVEL (Register No.C21PG127BIT006)** under my supervision and guidance and that no part of the dissertation has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

29/6/23

SIGNATURE OF THE GUIDE

Dr.S.SUDHAKAR, M.SC.,M.Phil.,Ph.D.
Head and Asst. Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode - 637205
Namakkal (Dt). Tamilnadu.

29/6/23

HEAD OF THE DEPARTMENT

Dr.S.SUDHAKAR, M.SC.,M.Phil.,Ph.D.,
Head and Asst. Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode - 637205
Namakkal (Dt). Tamilnadu.

EXAMINERS

1. 21/5/23

2 25/7/23

CERTIFICATE

This is to certify that the dissertation entitled **"PHYTOCHEMICAL AND ANTIFUNGAL SCREENING IN LEAF EXTRACTS OF *SCHEFFLERA HYPOLEUCA*."** submitted in partial fulfillment of the requirement of the degree of **MASTER OF SCIENCE IN BIOTECHNOLOGY** to the Periyar University, Salem is a record of bonafide research work carried out by **Mr. D. SABAREESH (Register No. C21PG127BIT007)**, no part of the dissertation has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

HEAD OF THE DEPARTMENT

Dr. S SUDHAKAR M.Sc., M.Phil., PGDCA
Head and Asst. Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode - 637205
Namakkal (Dt), Tamilnadu.

EXAMINERS

1.

2.

Dr. A. JEEVA, M.Sc., Ph.D.,

Assistant Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode – 637205.
Namakkal Dt.

CERTIFICATE

This is to certify that the dissertation entitled **"GREEN SYNTHESIS OF CuO NANOPARTICLES BY *JUSTICIA TRANQUEBARIENSIS* EXTRACT AND ITS APPLICATION ON ANTIBACTERIAL ACTIVITY"** submitted in partial fulfillment of the requirement of the degree of **MASTER OF SCIENCE IN BIOTECHNOLOGY** to the Periyar University, Salem is a record of bonafide research work carried out by **L. SABARIVASAN (Register No.C21PG127BIT008)** under my supervision and guidance and that no part of the dissertation has been submitted for the award of any Degree, Diploma, Fellowship or other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

SIGNATURE OF THE GUIDE

HEAD OF THE DEPARTMENT

Dr.S.SUDHAKAR, M.SC.,M.Phil.,Ph.D.,
Head and Asst. Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode - 637205
Namakkal (Dt), Tamilnadu.

EXAMINERS

1. 21/5/2023

2 21/5/23

Ms.M.LAVANYA M.Sc., M.Phil.,

Assistant Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode – 637205.
Namakkal Dt.

CERTIFICATE

This is to certify that the dissertation entitled **"EVALUATION OF IN-VITRO ANTI-BACTERIAL, ANTI -INFLAMMATORY, ANTI-DIABETIC ACTIVITY AND ANTIOXIDANT ACTIVITY OF *PHYLLANTHUS RETICULATUS* LEAF EXTRACTS"** submitted in partial fulfillment of the requirement of the degree of **MASTER OF SCIENCE IN BIOTECHNOLOGY** to the Periyar University, Salem is a record of bonafide research work carried out by **U.AISHWARYA(Register No.C21PG127BIT010)** under my supervision and guidance and that no part of the dissertation has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

M.

SIGNATURE OF THE GUIDE

24/11/23

HEAD OF THE DEPARTMENT
Dr.S.SUDHAKAR, M.SC.,M.Phil.,
Head and Asst. Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode - 637205
Namakkal (Dt). Tamilnadu.

EXAMINERS

1. M. 27/5/23

2 24/5/23

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

Assistant Professor and Head
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode – 637205.
Namakkal Dt.

CERTIFICATE

This is to certify that the dissertation entitled *A COMPARATIVE STUDY ON NATURAL MATERIALS AND Fe NANOPRTICLES ON TREATMENT OF CONTAMINATED INDUSTRIAL EFFLUENTS- A BIOTECHNOLOGICAL APPROACH* submitted in partial fulfillment of the requirement of the degree of **MASTER OF SCIENCE IN BIOTECHNOLOGY** to the Periyar University, Salem is a record of bonafide research work carried out by **M.GOKULAPRIYA (Register No.C21PG127BIT011)** under my supervision and guidance and that no part of the dissertation has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

29/4/23

SIGNATURE OF THE GUIDE

Dr.S.SUDHAKAR, M.SC.,M.Phil.,Ph.D.,
Head and Asst. Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode - 637205
Namakkal (Dt). Tamilnadu.

29/4/23

HEAD OF THE DEPARTMENT

Dr.S.SUDHAKAR, M.SC.,M.Phil.,Ph.D.,
Head and Asst. Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode - 637205
Namakkal (Dt). Tamilnadu.

EXAMINERS

1. 2/5/23

2. 2/5/23

CERTIFICATE

This is to certify that the dissertation entitled **"ANTIBACTERIAL ACTIVITY OF ALOEVERA AGAINST MULTI-DRUG RESISTANCE BACTERIA."** submitted in partial fulfillment of the requirement of the degree of **MASTER OF SCIENCE IN BIOTECHNOLOGY** to the Periyar University, Salem is a record of bonafide research work carried out by Ms.R.PREMA **(Register No . C21PG127BIT013)**, no part of the dissertation has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

HEAD OF THE DEPARTMENT

Dr.S.SUDHAKAR, M.SC.,M.Phil.,Ph.D.,
Head and Asst. Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode - 637205
Namakkal (Dt). Tamilnadu.

EXAMINERS

1. 21/2/23
2. 21/2/23

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

Assistant Professor and Head
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode – 637205.
Namakkal Dt.

CERTIFICATE

This is to certify that the dissertation entitled "STUDIES ON PLANT GROWTH PROMOTING ACTIVITIES USING *AZOTOBACTER* AS BIO FERTILIZR" submitted in partial fulfillment of the requirement of the degree of **MASTER OF SCIENCE IN BIOTECHNOLOGY** to the Periyar University, Salem is a record of bonafide research work carried out by **S.SAKTHEESWARI (RegisterNo.C21PG127BIT015)** under my supervision and guidance and that no part of the dissertation has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

29/4/23 29/4/23

SIGNATURE OF THE GUIDE HEAD OF THE DEPARTMENT

Dr.S.SUDHAKAR, M.SC.,M.Phil.,Ph.D.
Head and Asst. Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode
Namakkal

EXAMINERS

1. 2/5/23

2. 2/5/23

MR .K.VIVEK M.SC., (Ph. D)

Assistant Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode – 637205.
Namakkal Dt.

CERTIFICATE

This is to certify that the dissertation entitled PHYTOCHEMICAL AND PHARMACOLOGICAL ACTIVITY OF CHLOROFORM LEAF EXCTRACT OF *EHRETIA LEAVIS* submitted in partial fulfillment of the requirement of the degree of **MASTER OF SCIENCE IN BIOTECHNOLOGY** to the Periyar University, Salem is a record of bonafide research work carried out by **L.SUBHASHINI (Register No.C21PG127BIT016)** under my supervision and guidance and that no part of the dissertation has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

29/4/23

SIGNATURE OF THE GUIDE

(MR.K.VIVEK M.Sc., (Ph.D))

29/4/23

HEAD OF THE DEPARTMENT

Dr.S.SUDHAKAR, M.SC.,M.Phil.,Ph.D.,
Head and Asst. Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode - 637205
Namakkal (Dt). Tamilnadu.

Examiner 1 .....

Examiner 2 .....

Mrs.K.VISHNUKUMARI, M.Sc., M.Phil.,
Assistant Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode – 637205.
Namakkal Dt.

CERTIFICATE

This is to certify that the dissertation entitled ***"A NOVEL APPROACH FOR WATER PURIFICATION-STRYCHNOS POTATORUM SEED AS POTENTIAL WATER PURIFIER"*** submitted in partial fulfillment of the requirement of the degree of **MASTER OF SCIENCE IN BIOTECHNOLOGY** to the Periyar University, Salem is a record ofbonafide research work carried out by **M.VISWASREE(Register No.C21PG127BIT017)** under my supervision and guidance and that no part of the dissertation has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

SIGNATURE OF THE GUIDE

20/4/23
HEAD OF THE DEPARTMENT

Dr.S.SUDHAKAR, M.SC.,M.Phil.,Ph.D.,
Head and Asst. Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode - 637205
Namakkal (Dt). Tamilnadu.

EXAMINERS

1. 2/5/2023

2 2/5/23

Mrs.K.VISHNUKUMARI M.Sc.,M.Phil.,

Assistant Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode – 637205.
Namakkal Dt.

CERTIFICATE

This is to certify that the dissertation entitled *INVITRO ANTIBACTERIAL, ANTIOXIDANT, ANTICANCER AND ANTIFUNGAL EFFECT OF GANODERMA LUCIDUM FROM WOOD* submitted in partial fulfillment of the requirement of the degree of **MASTER OF SCIENCE IN BIOTECHNOLOGY** to the Periyar University, Salem is a record of bonafide research work carried out by **A.YAMINI (Register No.C21PG127BIT018)** under my supervision and guidance and that no part of the dissertation has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part or full in any scientific or popular journals or magazines.

SIGNATURE OF THE GUIDE

HEAD OF THE DEPARTMENT

Dr.S.SUDHAKAR, M.SC.,M.Phil.,Ph.D.,
Head and Asst. Professor
Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode - 637205
Namakkal (Dt). Tamilnadu.

Examiner 1 .....

Examiner 2 .....

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PROJECT NAME LIST

2022-2023

S.NO	REG.NO	STUDENT NAME	TITLE OF THE PROJECT
1	20UEL1068	S. MURUGANATHAM	RADAR SYSTEM USING ARDUINO UNO SYSTEM
2	20UEL1069	V. SATHISH	
3	20UEL1082	O.BALAKARTHIKEYAN	

HOD

PRINCIPAL

RADAR SYSTEM USING ARDUINO UNO SYSTEM

A PROJECT REPORT

Submitted to the Periyar University in partial fulfilment of the requirements for the award of the degree of

B.Sc., ELECTRONICS AND COMMUNICATION

A PROJECT REPORT

Submitted By

S.MURUGANANTHAM - 20UEL1068

V.SATHISH - 20UEL1069

O.BALAKARTHIKEYAN - 20UEL1082

Under the Guidance of

Dr.S.RAVIKUMAR M.Sc., M.E., M.Phil, P.G.D.C.A., Ph.D.,

Head, Department of Electronics and Communication

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University, Salem And Approved by AICTE, New Delhi)

TIRUCHENGODE-637205

APRIL - 2023



DECLARATION

I hereby declare that the dissertation entitled " **RADAR SYSTEM USING ARDUINO UNO SYSTEM** " submitted to the Periyar University in partial fulfilment of the requirements of the award of the degree of B.Sc., Electronics and Communication is a record of original research work done by me under the supervision and guidance of Head and Asst. Prof. Dr.S.Ravikumar M.sc.,M.E., M.Phil., P.G.D.C.A., Ph.D., Department of Electronics and Communication, Sengunthar Arts and Science College, Tiruchengode and that it has not formed the basis for the award of the any Degree/Diploma/ Associate / Fellowship or other similar title to any candidate of any University.

1. S. Muruganantham
2. V. Sathish
3. O. Balakarthikeyan.

Date : 12.04.2023

Signature of the Candidate

Counter Signed

S.MURUGANANTHAM - S. Muruganantham

V.SATHISH - V. Sathish

O.BALAKARTHIKEYAN - O. Balakarthikeyan

PERIYAR UNIVERSITY SALEM-636011

BONAFIDE CERTIFICATE

Certified that this Project Report entitled " RADAR SYSTEM USING ARDUINO UNO SYSTEM " is the bonafide work of Mr. V.SATHISH, Reg No. 20UEL1069 who carried out the project work under my supervision. Certified further, that to the head of my knowledge the work reported here in does not form part of any other project report or dissertation on the basics of which a degree or award was conferred on an earlier occasion on this or any other candidate.

12/4/2023

SUPERVISOR

HEAD OF THE DEPARTMENT

Dr.S.Ravikumar M.Sc.,M.E, M.Phil.,P.G.D.C.A.,Ph.D.,
Head And Assistant Professor
Dept of Electronics and Communication
Sengunthar Arts And Science College
Tiruchengode – 637 205

Dr.S.Ravikumar,M.Sc.,M.E.,M.Phil.,P.G.D.C.A.,Ph.D.,
Head And Assistant Professor
Dept of Electronics and Communication
Sengunthar Arts And Science College
Tiruchengode – 637 205

Certified that the candidate was examined by us in the project viva – voce Examination held on 12-04-2023

12/4/23

INTERNAL EXAMINER

SENGUNTHAR ARTS & SCIENCE COLLEGE
12 APR 2023
TIRUCHENGODE-637 205

EXTERNAL EXAMINER

PERIYAR UNIVERSITY SALEM-636011

BONAFIDE CERTIFICATE

Certified that this Project Report entitled " RADAR SYSTEM USING ARDUINO UNO SYSTEM " is the bonafide work of Mr. S.MURUGANANTHAM, Reg No. 20UEL1068 who carried out the project work under my supervision. Certified further, that to the head of my knowledge the work reported here in does not form part of any other project report or dissertation on the basics of which a degree or award was conferred on an earlier occasion on this or any other candidate.

SUPERVISOR

Dr.S.Ravikumar M.Sc.,M.E, M.Phil.,P.G.D.C.A.,Ph.D.,
Head And Assistant Professor
Dept of Electronics and Communication
Senguntbar Arts And Science College
Tiruchengode – 637 205

HEAD OF THE DEPARTMENT

Dr.S.Ravikumar,M.Sc.,M.E.,M.Phil.,P.G.D.C.A.,Ph.D.,
Head And Assistant Professor
Dept of Electronics and Communication
Senguntbar Arts And Science College
Tiruchengode – 637 205

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INTERNAL EXAMINER

EXTERNAL EXAMINER

SENGUNTHAR ARTS & SCIENCE COLLEGE
12 APR 2023
TIRUCHENGODE 637 205

PERIYAR UNIVERSITY SALEM-636011

BONAFIDE CERTIFICATE

Certified that this Project Report entitled " RADAR SYSTEM USING ARDUINO UNO SYSTEM " is the bonafide work of Mr. O.BALAKARTHIKEYAN, Reg No. 20UEL1082 who carried out the project work under my supervision. Certified further, that to the head of my knowledge the work reported here in does not form part of any other project report or dissertation on the basics of which a degree or award was conferred on an earlier occasion on this or any other candidate.

SUPERVISOR

Dr.S.Ravikumar M.Sc.,M.E, M.Phil.,P.G.D.C.A.,Ph.D.,
Head And Assistant Professor
Dept of Electronics and Communication
Sengunthar Arts And Science College
Tiruchengode – 637 205

HEAD OF THE DEPARTMENT

Dr.S.Ravikumar,M.Sc.,M.E.,M.Phil.,P.G.D.C.A.,Ph.D.,
Head And Assistant Professor
Dept of Electronics and Communication
Sengunthar Arts And Science College
Tiruchengode – 637 205

Certified that the candidate was examined by us in the project viva – voce Examination held on 12.04.2023

INTERNAL EXAMINER

EXTERNAL EXAMINER

SENGUNTHAR ARTS & SCIENCE COLLEGE
12 APR 2023
TIRUCHENGODE-637 205.

SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University, Salem And Approved by AICTE, New Delhi)
An ISO 9001:2015 Certified Institution
Recognised Under Section 2(f) and 12(B) of UGC Act 1956 and Accredited by NAAC
TIRUCHENGODE – 637205

PG DEPARTMENT OF CORPORATE SECRETARYSHIP

PROJECT TITLE 2022_2023

S.NO	REGISTER NUMBER	NAME	TITLE OF PROJECT	COMPANY NAME	GUIDE NAME
1	C21PG127COS001	B.HARIHARAN	A STUDY ON IMPACT OF GST ON SELECT SCALE GARMENTS AND APPAREL INDUSTRIES WITH SPECIAL REFERENCE TO TIRUPUR CITY.	TIRUPUR CITY	DR.N.SANTHI
2	C21PG127COS002	R.MURUGAN	A STUDY ON EMPLOYEES ABSENTEEISM NANDHI DALL MILLS. SEVAPET, SALEM	NANDHI DALL MILLS. SEVAPET, SALEM	DR.N.SANTHI
3	C21PG127COS003	K.RAJAMANICKAM	A STUDY ON EMPLOYEES TRANINIG AND DEVELOPMENT IN SRI SOWDESWARI MILLS(P)LTD, JALAGADAPURAM	SRI SOWDESWARI MILLS(P)LTD, JALAGADAPURAM.	DR.N.SANTHI
4	C21PG127COS004	M.SABARI RAGHUMAN	A STUDY ON EMPLOYEES JOB SATISFICATION IN JANSONS INDUSTRIES LIMITED, TIRUCHENGODE.	JANSONS INDUSTRIES LIMITED, TIRUCHENGODE	DR.N.SANTHI

5	C21PG127COS005	V.DEEPIKA	A STUDY ON EMPLOYEES STRESS IN COMFORT MEDITEX INDIA(P) LTD, KAILSAMPALAYAM.	COMFORT MEDITEX INDIA(P) LTD, KAILSAMPALAYAM	DR.N.SANTHI
6	C21PG127COS006	G.GOMATHI	A STUDY ON EMPLOYEES MOTIVATION IN PODARAN FOODS INDIA PVT LTD, KAGAYAM.	PODARAN FOODS INDIA PVT LTD, KAGAYAM.	DR.N.SANTHI
7	C21PG127COS007	S.INDHU	A STUDY ON EMPLOYEES PERFORMANCE APPRAISAL IN P.K.P.N SPINNING MILLS(P) LIMITED, SOWDAPURAM.	P.K.P.N SPINNING MILLS(P) LIMITED, SOWDAPURAM.	DR.N.SANTHI
8	C21PG127COS008	K.JOTHIMANI	A STUDY ON CUSTOMER SATISFACTION TOWARDS AA VIN MILK PRODUCT SELECT CO-OPERATIVE STORES, SALEM CITY.	AA VIN MILK PRODUCT SELECT CO-OPERATIVE STORES, SALEM CITY.	DR.N.SANTHI

HOD

SENGUNTHAR ARTS AND SCIENCE COLLEGE

POST GRADUATE DEPARTMENT OF COMMERCE (CS)

TIRUCHENGODE – 637 205.

CERTIFICATE

This is to certify that this project report is submitted by **HARIHARAN.B** (Reg.No.C21PG127COS001) a bonafide student of **MASTER OF COMMERCE CORPORATE SECRETARYSHIP)** of **SENGUNTHAR ARTS AND SCIENCE COLLEGE,TIRUCHENGODE** who has undergone training at **"SELECT SMALL SCALE GARMENTS AND APPAREL INDUSTRIES IN TIRUPUR CITY"** from 02.01.2023 to 03.03.2023 in partial fulfillment of requirements for the degree of **MASTER OF COMMRCE(CORPORATESECRETARYSHIP)**of **PERIYAR UNIVERSITY.**

PLACE: Tiruchengode
DATE : 28/04/2023

HEAD OF THE DEPARTMENT
(Dr. N. SANTHI,M.C.S., M.Com., M.Phil., Ph.D.,)

GUIDE AND SUPERVISOR
(Dr. N. SANTHI,M.C.S., M.Com., M.Phil.,Ph.D.,)

Date of Viva-Voce Exam: 28/04/2023

INTERNAL EXAMINAR

EXTERNAL EXAMINAR

SENGUNTHAR ARTS AND SCIENCE COLLEGE

POST GRADUATE DEPARTMENT OF COMMERCE (CS)

TIRUCHENGODE – 637 205.

CERTIFICATE

This is to certify that this project report is submitted by **MURUGAN.R** (Reg.No.C21PG127COS002) a bonafide student of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **SENGUNTHAR ARTS AND SCIENCE COLLEGE,TIRUCHENGODE** who has undergone training at **"NANDHI DALL MILLS.,"** from 02.01.2023 to 03.03.2023 in partial fulfillment of requirements for the degree of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **PERIYAR UNIVERSITY.**

PLACE: Tiruchengode

DATE : 28/04/2023

HEAD OF THE DEPARTMENT

(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

GUIDE AND SUPERVISOR

(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

Date of Viva-Voce Exam: 28-04-23

INTERNAL EXAMINAR

28/04/2023

EXTERNAL EXAMINAR

SENGUNTHAR ARTS AND SCIENCE COLLEGE

POST GRADUATE DEPARTMENT OF COMMERCE (CS)

TIRUCHENGODE – 637 205.

CERTIFICATE

This is to certify that this project report is submitted by RAJAMANICKAM.K (Reg.No:C21PG127COS003) a bonafide student of MASTER OF COMMERCE (CORPORATE SECRETARYSHIP) of SENGUNTHAR ARTS AND SCIENCE COLLEGE,TIRUCHENGODE who has undergone training at "SRI SOWDESWARI MILLS (P) LTD.," from 02.01.2023 to 03.03.2023 in partial fulfillment of requirements for the degree of MASTER OF COMMERCE (CORPORATE SECRETARYSHIP) of PERIYAR UNIVERSITY.

PLACE: Tiruchengode

DATE : 28-04-23

HEAD OF THE DEPARTMENT

(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

~~Ph.D)~~

GUIDE AND SUPERVISOR

(Dr. N. SANTHI, M.C.S., M.Com, M.Phil.,

Date of Viva-Voce Exam: 28/04/23.

INTERNAL EXAMINAR

EXTERNAL EXAMINAR

SENGUNTHAR ARTS AND SCIENCE COLLEGE

POST GRADUATE DEPARTMENT OF COMMERCE (CORPORATE SECRETARYSHIP)

TIRUCHENGODE – 637 205.

CERTIFICATE

This is to certify that the project report is submitted by **M.SABARI RAGHUMAN** (Reg.No.C21PG127COS004) a bonafide student of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE** who has undergone training a **"JANSONS INDUSTRIES LIMITED, TIRUCHENGODE"** from 02.-01-2023 to 03-03-2023in partial fulfillment of requirements for the degree of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **PERIYAR UNIVERSITY.**

PLACE: Tiruchengode
DATE : 28/4/23

HEAD OF THE DEPARTMENT
(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

GUIDE AND SUPERVISOR
(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

Date of Viva-Voce Exam: 28/4/23

INTERNAL EXAMINAR

28/04/2023
EXTERNAL EXAMINAR

SENGUNTHAR ARTS AND SCIENCE COLLEGE

POST GRADUATE DEPARTMENT OF COMMERCE (CS)

TIRUCHENGODE – 637 205.

CERTIFICATE

This is to certify that this project report is submitted by DEEPIKA.V (Reg.No:C21PG127COS005) a bonafide student of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE** who has undergone training at **"COMFORT MEDITEX INDIA (P) LTD.,"** from 02.01.2023 to 03.03.2023 in partial fulfillment of requirements for the degree of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **PERIYAR UNIVERSITY.**

PLACE: Tiruchengode
DATE : 28.04.2023.

HEAD OF THE DEPARTMENT
(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

GUIDE AND SUPERVISOR
(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

Date of Viva-Voce Exam: 28.04.2023

INTERNAL EXAMINAR

EXTERNAL EXAMINAR

SENGUNTHAR ARTS AND SCIENCE COLLEGE

POST GRADUATE DEPARTMENT OF COMMERCE (C.S)

TIRUCHENGODE – 637 205.

CERTIFICATE

This is to certify that this project report is submitted by GOMATHI.G (Reg.No:C21PG127COS006) a bonafide student of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE,** who has undergone training at **"PODARAN FOODS INDIA PVT LTD"** from 02.01.2023 to 03.03.2023 in partial fulfillment of requirements for the degree of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **PERIYAR UNIVERSITY.**

PLACE: Tiruchengode

DATE : 28/04/23

HEAD OF THE DEPARTMENT

(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

28/4/23

GUIDE AND SUPERVISOR

(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

Date of Viva-Voce Exam: 28/4/23

28/4/23

INTERNAL EXAMINAR

28/04/2023

EXTERNAL EXAMINAR

TIRUCHENGODE – 637 205.

CERTIFICATE

This is to certify that this project report is submitted by INDHU.S (Reg.No:C21PG127COS007) a bonafide student of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **SENGUNTHAR ARTS AND SCIENCE COLLEGE,TIRUCHENGODE,** who has undergone training at **"P.K.P.N SPINNING MILLS (P) LTD.,"** from 02.01.2023 to 03.03.2023 in partial fulfillment of requirements for the degree of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **PERIYAR UNIVERSITY.**

PLACE: Tiruchengode

DATE : 28-04-2023

HEAD OF THE DEPARTMENT

(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

GUIDE AND SUPERVISOR

(Dr. N. SANTHI, M.C.S., M.Com, M.Phil., Ph.D)

Date of Viva-Voce Exam: 28-04-2023

INTERNAL EXAMINAR

EXTERNAL EXAMINAR

SENGUNTHAR ARTS AND SCIENCE COLLEGE

POST GRADUATE DEPARTMENT OF COMMERCE (CS)

TIRUCHENGODE – 637 205.

CERTIFICATE

This is to certify that this project report is submitted by JOTHIMANI.K (Reg.No:C21PG127COS008) a bonafide student of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE** who has undergone training at "**AAVIN MILK PRODUCTS IN SELECT CO-OPERATIVE STORE AT SALEM CITY.,**" from 02.01.2023 to 03.03.2023 in partial fulfilment of requirements for the degree of **MASTER OF COMMERCE (CORPORATE SECRETARYSHIP)** of **PERIYAR UNIVERSITY.**

PLACE: Tiruchengode

DATE : 28.04.2023

Date of Viva-Voce Exam: 28.04.2023

HEAD OF THE DEPARTMENT
(Dr. N. SANTHI,M.C.S., M.Com., M.Phil., Ph.D.,)

GUIDE AND SUPERVISOR
(Dr. N. SANTHI,M.C.S., M.Com., M.Phil.,Ph.D.,)

INTERNAL EXAMINAR

28/04/2023
EXTERNAL EXAMINAR