

Since 1991

#### 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
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### 1.3.2 Experimental Learning through Project-work/Internship

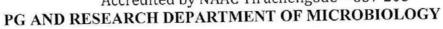
Tiruchengode – 637 205, Namakkal dt., Tamilnadu

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## SENGUNTHAR ARTS AND SCIENCE COLLEGE

Affiliated to Periyar University, Salem and Approved by AICTE, New Delhi)
An ISO 9001:2008 Certified Institution

Recognised under section 2(f) and 12(B) of the UGC Act 1956 Accredited by NAAC Tiruchengode – 637 205



Since 1991

### II M.Sc Applied Microbiology Student Name list

S. No	Name of the Student			
1	ARAVINDH B			
2	DEVAKUMAR M			
3	GOWRISHANKAR S			
4	HARISUDHAN R.J.			
5	MURUGAN A			
6	AGADHEESWARI I			
7	MONISHA G			
8	MONISHA S			
9	NIVETHA P			
10	SRIPRIYADHARSHINI G			
11	SUGANYA S			
12	VISHALI V			

ATTESTEL

PRINCIPAL

Dr. A. P. VENKATACHALAM M.Sc., M.Phil., Ph.D., Head, Department of Microbiology

> PG and Research Department of Microbiology Sengunthar Arts and Science College Tiruchengode - 637 205 Tamilnadu, India

> > Date: 20.04 2021

#### CERTIFICATE

This is to certify that the dissertation entitled on "Isolation and Identification of Polyhydroxybutyrate(PHB) Producing Bacterial from Sewage soil" done by B. Aravindh (Reg.No.19PAM1047) during academic year 2020-2021 in partial fulfillment for Master Of Science in Applied 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- Grida Carlita

Dr. A. P. VENKATACHALAM HEAD DEPARTMENT OF MICROBIOLOGY, SENGUNTHAN ARTS & SCIENCE COLLEGE, TIADGLENGODE - 607 280, (TIE)

Dr. A. P. VENKATACHALAM

Submitted for the viva-voice examination held on 20.04.2021

Examiners:

I hereby declare that the dissertation entiled on "Isolation and Identification of Polyhydroxybutyrate(PHB) Producing Bacterial from Sewage soil" submitted to Periyar University, Salem, Tamilnadu, India. In partial fulfillment of Master Of Science In Applied Microbiology, is recorded of original work done by me under the guidance of Dr. A. P. VENKATACHALAM M.Sc., M.Phil., 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, fellow ship, or other similar title to any candidate of any university.

Counter Signed By Guide

B. Anounch
Signature of the Candidate

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

B. Aravindh

ATTESTED

Dr. VENKATACCHALAM M.sc., M.phil., ph.d., Professor

PG and Research Department of Microbiology. Sengunthar Arts and Science College, Tiruchengode - 637 205. Tamilnadu, India.

DATE 20 04 2021

### CERTIFICATE

This is to certify that the dissertation entitle PRODUCTION OF CELLULOSE BY ACETOBACTER" done by Mr. M. DEVAKUMAR, Reg. No. 19PAM1048 during academic year 2019-2021 in partial fulfillment for Master of Science in Applied Microbiology, Sengunthar Arts and Science College, Tiruchengode under my supervision This work has not previously formed 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,

SEMGUNTHAR ARTS & SCIENCE COLLINGS THOCHENGODE - 437 201, ITML

Ms. T. NIVEDHARSHINI M.sc. M.Phil.

Submitted for the viva - voce examination held on 20/04/2021

Examiners:

ATTESTED

I hereby declare that the dissertation entitled PRODUCTION OF CELLULOSE BY ACETOBACTER" submitted to the Periyar University Salem, Tamilnadu, India, in partial fulfillment of Master of Science in Applied Microbiology, is a record of original work done by me under the guidance of Dr. A.P. Venkatachalam, head of the Department, PG & Research Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode, and it has not previously formed the basis for the award of any degree, diploma, associateship, fellowship or other similar title to any candidate of any Universisty.

COUNTER SIGNED BY GUIDE

(Ms. T. NIVEDHARSHINI M.sc. M.Phil.)

M. De

\*SIGNATURE OF THE CANDATE

(M.DEVAKUMAR)

ATTESTED

SENGUNTHAR ARTS AND SCIENCE COLLEGE

TIRUCHENGODE - 637 205.

Dr. A. P. VENKATACHALAM M.Sc., M.Phil., Ph.D., Head, Department of Microbiology

> PG and Research Department of Microbiology Sengunthar Arts and Science College Tiruchengode - 637 205 Tamilnadu, India

> > Date: 20.04.21

#### CERTIFICATE

This is to certify that the dissertation entitled on "Antibacterial activity of essential oils against bacteria isolated from wound sepsis" done by Mr. S. Gowrishankar, Reg.No. 19PAM1049 during academic year 2020-2021 in partial fulfillment for Master Of Science in Applied 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

Suide Sadalar

(Dr. A. P. VENKATACHALAM)

(Dr. S. NAVAMANI )

DEPARTMENT OF MICROBIOLOGY,
SENCONTHAN ARTS & SCIENCE COLLEGE,
TROCKENGOOS - 637 254, 2013,

DE STUDIES

Submitted for the viva-voice examination held on 20.04-21

Examiners:

ATTESTED

SENGUNTHAR ARTS AND SCIENCE COLLEGE

Tiruchengode - 637 205.

I hereby declare that the dissertation entiled on "Antibacterial activity of essential oils against bacteria isolated from wound sepsis' submitted to Periyar University, Salem, Tamilnadu, India. In partial fulfillment of Master Of Science In Applied Microbiology, is recorded of original work done by me under the guidance of Dr. S. NAVAMANI, M.Sc., P.h.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, fellow ship, or other similar title to any candidate of any university.

Counter Signed By Guide

Dr. S. NAVAMANI M.Sc., Ph.D.,

Signature of the Candidate

Mr.S. GOWRISHANKAR

ATTESTED

PG and Research Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode – 637 205, Tamilnadu, India

DATE: 20. 04.2021

#### CERTIFICATE

This is to certify that the dissertation entitle NAIT OF MELANGE OF MICROBES AND MICROBIAL CONSORTIUM FROM DYE EFFLUENTS IN BIODEGRADATION OF AZO DYES done by Mr. R.J. HARISHUDHAN, Reg. No. 19PAM1051 during academic year 2019-2021 in partial fulfillment for Master of Science in Applied Microbiology, Sengunthat Arts and Science College, Tiruchengode under my supervision. This work has not previously formed the basis for the award of any degree, diploma, associateship, fellowship or other similar title.

HEAD OF THE DEPARTMENT

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

Dr. P. ASHOK KUMAR M.Sc., Ph.D.,

DEPARTMENT OF MICROBIOLOGY, SENGUNTHAR ARTS & SCIENCE COLLEGE, SE TINGGENGENGEN - AND THE STATES,

Submitted for the viva - voce examination held on ... 20.04.2021

Examiners:

A.P. Colodoffish

2 40 30 64 31

ATTESTED

I hereby declare that the dissertation entitled NAIT OF MELANGE OF MICROBES AND MICROBIAL CONSORTIUM FROM DYE EFFLUENTS IN BIODEGRADATION OF AZO DYES submitted to the Periyar University Salem, Tamilnadu, India, in partial fulfillment of Master of Science in Applied Microbiology, is a record of original work done by me under the guidance of Dr. P. ASHOK KUMAR M.Sc., Ph.D., Asst Professor PG & Research Department of Microbiology, Sengunthat Arts and Science College, Tiruchengode, and it has not previously formed the basis for the award of any degree, diploma, associateship, fellowship or other similar title to any candidate of any University.

COUNTER SIGNED BY GUIDE

(Dr. P. ASHOK KUMAR M.Sc., Ph.D.,)

R.J. Hori Lludhan.
SIGNATURE OF THE CANDATE
(R.J. HARISHUDHAN)

ATTESTED

Dr. A.P. VENKATACHALAM M.Sc. M.Phil., Ph.D. Head of Dept.

PG & Research Department of Microbiology Scagunthar Aris and Science College. Tiruchengode 637 205. Tamiliado, India.

Date: 20/04/2021

#### CERTIFICATE

This dissertation is a record of work entitled "STUDIES ON ANTAGONISTIC ACTIVITY USING MYCORRIDZA ASSOCIATED ACTINOMYCETES FOR MAYAGENENI OF PLANT PATHOGENIC FUNGUS" done by Mr. A. MURUGAN, RegNo: 19PAM1052, during the academic year 2020-2021, in partial fulfillment for Master of Science in Applied Microbiology, Sengunthar Arts and Science College, Tiruchengode under my supervision. This work has not previously formed the basis for the award of any degree, diploma, associate ship, fellowship or other similar title.

HEAD OF THE DEPARTMENT Dr. A.P. Venkatachalam,

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

HEAD DEPARTMENT OF MICROBIOLOGY, GUNTHAR ARTS & SCIENCE COLLEGE, TIBUCHENGODE - 627 205, (TIES)

Submitted for the viva - voce examination held on

Dr. A.P. Venkatachalam,

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

Examiners

ATTESTED

ACTIVITY USING MYCORRHIZA ASSOCIATED ACTINOMYCETES FOR MANAGEMENT OF PLANT PATHOGENIC FUNGUS" submitted to periyar University. Salem in partial fulfillment of Master of Science in Applied Microbiology is a record of original work done by me under the guidance of Dr. A.P. VENKATACHALAM, PG & Research Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode and it has not previously formed the basis for the award of any degree, diploma, associateship, fellowship or other similar title to any candidate of any university.

COUNTER SIGNED BY

GUIDE (Dr. A.P. VENKATACHALAM) SIGNATURE OF THE CANDIDATE

(Mr. A. MURIGAN)

Place. Tiruchengode

Date 2= 4-21

ATTESTED

Dr. A. P. VENKATACHALAM M.Sc., M.Phil., Ph.D., Head, Department of Microbiology

> PG and Research Department of Microbiology Sengunthar Arts and Science College Tiruchengode 637 205 Tamilnadu, India

> > Date: 20 - 04 - 2021

#### CERTIFICATE

This is to certify that the dissertation entitled on "Phytochemical Analysis And Antibacterial Activity Of Ocimum Sanctum Against Pathogenic Organisms done by I.Agadheeswari (Reg.No.19PAM1053) during academic year 2019-2020 in partial fulfillment for Master Of Science in Applied 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.

Dr. A. P. VENKATACHALAM

DEPARTMENT OF MICHOSTOLOGY, SENGUNTHAN ARTS & SCIENCE COLLE TIRUCHENGOBE . 627 783, (THI)

Dr. S. NAVAMANI

Submitted for the viva-voice examination held on 20 - 04 - 2021

Examiners:

ARTS AND SCIENCE COLLEGE TIRUDHENGODE - 637 205.

I hereby declare that the dissertation entiled on "Phytochemical Analysis And Antibacterial Activity Of Ocimum Sanctum Against Pathogenic Organisms" submitted to Periyar University, Salem, Tamilnadu, India. In partial fulfillment of Master Of Science In Applied Microbiology, is recorded of original work done by me under the guidance of. Dr. S. NAVAMANI, M.Sc., P.h.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, fellow ship, or other similar title to any candidate of any university.

Counter Signed By Guide

Dr. S. NAVAMANI M.Sc., Ph.D.,

I. Agodheesubli Signature of the Candidate

I.Agadheeswari

ATTESTED

Dr. A. P. VENKATACHALAM M.Sc., M.Phil., Ph.D., Head, Department of Microbiology

> PG and Research Department of Microbiology. Sengunthar Arts and Science college Tiruchengode 637 205 Tamilnadu, India

> > Date: 20. 04 2021

#### CERTIFICATE

This is to certify that the dissertation entitled on "Procreation Of Silver Nanoparticles By Using Actinomycetes sp And Apprais Its Antibacterial Activity done by G. Monisha (Reg.No.19PAM1054) during academic year 2020-2021 in partial fulfillment for Master Of Science in Applied 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 DEPARTMENT OF MICKOBIOLOGY

GONTHAR ARTS & SCIENCE COLLEGE TIRUCHENGODE - 637 205, (TN)

Dr.A.P. VENKATACHALAM

Submitted for the viva-voice examination held on 20.04. 2021

Examiners:

ATTESTED

SENGUNTHAR ARTS AND SCIENCE COLLEGE

TIRUCHENGODE - 637 205.

Actinomycetes sp And Apprais Its Antibacterial Activity" submitted to Periyar University, Salem, Tamilnadu, India. In partial fulfillment of Master Of Science In Applied Microbiology, is recorded of original work done by me under the guidance of Dr. A.P. Venkatachalam, M.Sc., M.phill., P.h.D Assistant professor, Heatl of the Department, 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, fellow ship, or other similar title to any candidate of any university.

Counter Signed By Guide

Dr. A.P. VENKATACHALAM

G. Moru'shor Signature of the Candidate

G.MONISHA

ATTESTED

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

Head, Department of Microbiology

PG and Research Department of Microbiology Sengunthar Arts and Science College Tiruchengode - 637 205 Tamilnadu, India

Date: 20-04-2021

#### CERTIFICATE

This is to certify that the dissertation entitled on "Antimicrobial activity of Spices against Listeria Monocytogenes" done by Miss. S. MONISHA Reg.No.19PAM1055 during academic year 2020-2021 in partial fulfillment for Master Of Science in Applied 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.

the Department

(Dr. A. P. VENKATACHALAM)

(Miss. T. NIVEDHARSHINI)

BEFARTMENT OF MICHOSICSAST, SENGUNTHAR ARTS & SCIENCE COLLEGE TIROCHENGODE . 637 283, [TN].

Submitted for the viva-voice examination held on 20-04-2021

Examiners:

ATTESTED

I hereby declare that the dissertation entiled on "Antimicrobial activity of Spices against Listeria Monocytogenes" submitted to Periyar University, Salem, Tamilnadu, India. In partial fulfillment of Master Of Science In Applied Microbiology, is recorded of original work done by me under the guidance of Miss. T. NIVEDHARSHINI 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, associateship, fellow ship, or other similar title to any candidate of any university.

Talek

Counter Signed By Guide

Miss.T. NIVEDHARSHIBNI M.Sc., M.Phil.,

- Chule

Signature of the Candidate

Miss. S. MONISHA

ATTESTED

PG & Research Department of Microbiology Sengunthar Arts and Science College, Tiruchengode- 637 205, Tamilnadu, India,

Date: 20 4-21

#### CERTIFICATE

This dissertation is a record of work entitled "AN FLUCUBRATION OF PRODUCTION OF HYDROLYTIC ENZYMES BY BACTERIA FROM MARINE SPONGES IN AN ALKALINE ENVIRONMENT" done by Miss. P. NIVETHA, RegNo: 19PAM1056, during the academic year 2020-2021, in partial fulfillment for Master of Science in Applied Microbiology, Sengunthar Arts and Science College, Tiruchengode under my supervision. This work has not previously formed the basis for the award of any degree, diploma, associate ship, fellowship or other similar title

h Dr A P. Venkatachalam, 6 04 2 M.Sc., M.Phil., Ph.D.

DEPARTMENT OF MICROBIOLOGY. Sangunthar arts & Science College, Theographicobe - 487 2004, (Top).

Submitted for the viva - voce examination held on D 20-41-21

Dr. P. ASHOK KUMAR

M.Sc., Ph.D.

Examiners

ATTESTED

SENGUNTHAR ARTS AND SCIENCE COLLEGE

I hereby declare that the dissertation entitled AN FILCUBRATION OF PRODUCTION OF HYDROLYTIC ENZYMES BY BACTERIA FROM MURINE SPONGES IN AN ALKALINE ENVIRONMENT" submitted to Periyar University, Salem, in partial fulfillment of Master of Science in Applied Microbiology is a record of original work done by me under the guidance of Dr. P. ASHOK KUMAR M.Sc., Ph.D., PG & Research Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode and it has not previously formed the basis for the award of any degree, diploma, associateship, fellowship or other similar title to any candidate of any university.

GUIDE (Dr. P. ASHOK KUMAR M.Sc., Ph.D.,) p Divetha SIGNATURE OF THE CANDIDATE

(Miss, P. NIVETHA)

Place: Tiruchengode

Date: 20 .4. 2)

ATTESTED

SENGUNTHAR ARTS AND SCIENCE COLLEGE TIRUCHENGODE - 637 205.

19

Dr. A.P. VENKATACHALAM M.Sc, M.Phil., Ph.D. Head of Depts.

PG & Research Department of MicrobiologySengunthar Acts and Science College, Tiruchengode-637 205, Tamilnado, India.

Date: 20 . 04 . 2021

#### CERTIFICATE

This dissertation is a record of work entitled "ASSESSING THE PLASTIC DEGRADING ABILITY OF BACTERIA ISOLATED FROM POLYETHYLENE DEGRADING SOIL SITE done by Miss. G. SRIPRIYADHARSHINI, RegNo: 19PAM1057, during the academic year 2020-2021, in partial fulfillment for Master of Science in Applied Microbiology, Sengunthar Arts and Science College, Tiruchengode under my supervision. This work has not previously formed the basis for the award of any degree, diploma, associate ship, fellowship or other similar title.

HEAD OF THE DEPARTMENT

Dr.A.P. Venkatachalam, M.Sc., M.Phil., Ph.D. RESEARCH GUIDE Dr.A.P. Venkatachalam, M.Sc., M.Phil., Ph.D.

DEPARTMENT OF MICROBIOLOGY,
SENSONTHAR ARTS & SCIENCE COLLEGE,
VIEUCLES GODE - 437 203, (12),

Submitted for the viva - voice examination held on

G. Saipriyadharshipi (20 4121)

Examiners

ners

2. And 04/2/

ATTESTED

PRINCIPAL

Thereby declare that the dissertation entitled "ASSESSING THE PLASTIC DEGRAPHY. ABILITY OF BACTERIA ISOLATED FROM POLYETHYLENE DEGRAPHY. SOIL STILL submitted to Periyar University, Salem, in partial fulfillment of Master of Science in Applied Microbiology is a record of original work done by me under the guidance of Dr. A.P. VENKATACHALAM. PG & Research Department of Microbiology, Sengunthar Arts and Science College, Tiruchengode and it has not previously formed the basis for the award of any degree, diploma, associateship, fellowship or other similar title to any candidate of any university.

COUNTER SIGNED BY

GUIDE (DE A.P. VENKATACHALAM) G. Salprygodhushini SIGNATURE OF THE CANDIDATE

(Miss. G. SRIPRIYADHARSHINI)

Place Tiruchengode

Date: 20.04.2021

ATTESTED

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

Head, Department of Microbiology

PG and Research Department of Microbiology Sengunthar Arts and Science College Tiruchengode – 637 205 Tamilnadu, India

Date: 20.04. 2021

#### CERTIFICATE

This is to certify that the dissertation entitled on "Evaluation of Antimicrobial Activity and Phytochemical Analysis of Honey and Sweet Orange Against Human Pathogens" done by S.SUGANYA (Reg. No. 19PAM1058) during academic year 2020-2021 in partial fulfillment for Master Of Science in Applied 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

Guide /2/4/2)

Dr. A. P. VENKATACHALAM

MEAD
DEPARTMENT OF MICROBIOLOGY,
MINIGONITHAR ARTS & SCIENCE COLLEGE,
TIRUCHENGOOS - 437 203, (TM),

Dr. S. NAVAMANI

Submitted for the viva-voice examination held on EO. 04. 2021

Examiners:

ATTESTED

I hereby declare that the dissertation entitled on "Evaluation of Antimicrobial Activity and Phytochemical Analysis of Honey and Sweet Orange Against Human Pathogens" submitted to Periyar University, Salem, Tamilnadu, India. In partial fulfillment of Master Of Science In Applied Microbiology, is recorded of original work done by me under the guidance of Dr. S. NAVAMANI, M.Sc., P.h.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, fellow ship, or other similar title to any candidate of any university.

Counter Signed By Guide

Dr. S. NAVAMANI M.Sc., Ph.D.,

Signature of the Candidate S. Supply q

S. SUGANYA

ATTESTED

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

Head, Department of Microbiology PG and Research Department of Microbiology Sengunthar Arts and Science College Tiruchengode 637 205 Tamilnadu, India

Date: 20-4-2021

#### CERTIFICATE

This is to certify that the dissertation entitled on "PHYTOCHEMICAL ANALYSIS AND ANTIBACTERIAL ACTIVITY OF HONEY AGAINST PATHOGEN AND WOUND INFECTION" done by V.VISHALI THROAT FROM (Reg.No.19PAM1059) during academic year 2020-2021 in partial fulfillment for Master Of Science in Applied 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 DEPARTMENT OF MICROBIOLOGY, SUNTHAR ARTS & SCIENCE COLLE TIROCHENGODE - 637 203, (This.

Dr.P. ASHOK KUMAR

Submitted for the viva-voice examination held on 20-4-2021

Examiners:

ATTESTED

PRINCIPAL SENGUNTHAR ARTS AND SCIENCE COLLEGE

24 IRUCHENGODE - 637 205.

I hereby declare that the dissertation entiled on "PHYTOCHEMICAL ANALYSIS AND ANTIMICROBIAL ACTIVITY OF HONEY AGAINST PATHOGEN FROM THROAT AND WOUND INFECTION" submitted to Periyar University, Salem, Tamilnadu, India. In partial fulfillment of Master Of Science In Applied Microbiology, is recorded of original work done by me under the guidance of Dr. P.ASHOK KUMAR, M.Sc., P.h.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, fellow ship, or other similar title to any candidate of any university.

Counter Signed By Faile

Dr. P.ASHOK KUMAR M.Sc., Ph.D.,

Signature of the Candidate

V.VISHALI V-Vishali

ATTESTED



### SENGUNTHAR ARTS AND SCEINCE 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



DEPARTMENT OF BIOCHEMISTRY INTERNSHIP TRAINING LIST (2020-21)

S.No	Roll.No	Name	Training Centre
1	18B801	Boopathiraja.T	Lottus Clinical Lab
2	18B802	Dhanapal.M	SUBAM HOSPITAL
3	18B803	Dinesh.S	Mohan Hi tech lab
4	18B804	Gowtham.S	Bharath Diagnostic & Digital X- rays
5	18B805	Karthikeyan.S	Sri Mathurra Hospital
6	18B806	Kumaravel.P	Bharath Diagnostic & Digital X- rays
7	18B807	Manojkumar.P	Lottus Clinical Lab
8	18B808	Muthamizhan.V.J	Shri Santhi Hospital
9	18B809	Prathap.G /	Vijaya multi speciality Hospital
10	18B811	Sathish kumar.M	Vijaya multi speciality Hospital
11	18B812	Sowndhararajan.N	Bharath Diagnostic & Digital X- rays
12	18B813	Sureshkumar.S	Mohan Hi tech lab
13	18B814	Udhayakumar.S	Lottus Clinical Lab
14	18B815	Vimalraj.A	Lottus Clinical Lab
15	18B816	Anuchiya.D	ANNAI THERESA, Research Diagnostic centre.
16	18B817	Devi shree.D	ANNAI THERESA, Research Diagnostic centre.
17	18B818	Gangadevi.E	MR Clinical Labs
18	18B820	Kavya.R	Bioline Lab
19	18B821	Kiruthika.A	Sri Sigamani Clinic
20	18B822	Mohanadevi.A	ANNAI THERESA, Research Diagnostic centre.
21	18B823	Mohanapriya.P	ANNAI THERESA, Research Diagnostic centre.
22	18B824	Nagalakshmi.P	Mohan Hi tech lab
23	18B825	Pavithra.G	Mohan Hi tech lab
24	18B826	Priyadharshini.K	Nihith Suvan Clinical Lab
25	18B827	Shanuja.S	Visaalam Hospitals.
26	18B828	Sowndarya.S	Dr.Murugesan Hospital& Kidney stone centre.
27	18B829	Tamilselvi.S	Mohan Hi tech lab
28	18B830	Vaishnadhi.R	Gemini Clinical Lab
29	18B831	Vaishnavi.K	Nihith Suvan Clinical Lab
30	18B832	Vasantha.A	Rasi Clinical Lab

ATTESTED

SENGUNTHAR ARTS AND SCIENCE COLLEGE TIRUCHENGODS - 637 205.

PRINCIPAL



## LOTTUS CLINICAL LABORATORY

SALEM MAIN ROAD, VELLANDIVALASU, IDAPPADI - 637105



## K.R.S.HOSPITAL

## CERTIFICATE

his is to Certified that mr/Mrs/Miss\_T.BOOPATHI\_has cessfully Completed the Internship from 2.2021 to 8.03.2021 in LOTTUS CLINICAL LABORATORY

ig the above period his/her conduct and character have been

و جمادمی

ATTECTED

PRINCIPAL SENGUNTHAR ARTS AND SCIENCE COLLEGE

LAB INCHARGE

C. RAJENDRAN, D.M.A.T., LOTUS CABORATORY. VELLANDIVALASU,

e wish all success in their carriar





# SUBAM HOSPITAL

D.NO.566B;OPP. TO BUS STAND; KAKAPALYAM MAIN ROAD; EDANGANASALAI, ELAMPILLAI SALEM-637502 PH.0427-249 2004

10.03.2021

#### CERTIFICATE

This is to certify that MR.M.DHANAPAL, III B.Sc. Chemistry, SENGUNTHAR college of arts and science. Tiruchengode Has undergone an INTENSHIP in our organization from 24.02.2021 to 10.03.2021

During the above training period, their conduct and characters were found to be good.

We wish him all success in his future endeavors.

With Regards

For SUBAM HOSPITAL

SUBAM HOSPITAL

OPP. BUS STAND Kakapalayam Main Road, Mottur, Edanganasalai, ELAMPILLAI - 637 502. ATTESTED



#### TRAINING CERTIFICATE

Here with, I certify that Mr.S.Dinesh., B.Sc., (3rd year) Biochemistry,

Sengunthar arts and Science College, Tiruchengode (Reg.No 18UBC1158) has

attended MOHAN HITECH LAB for Training from 22.06.2020 to 12.07.2020

With Regards,

**HOD Lab** 

ATTESTED

PRINCIPAL

SENGUNTHAR ART'S AND SCIENCE COLLEGE

TIRUCHENGODE - 637 205.



Bharath Diagnostiic & Digital X-Rays

71/13, Trichy Main Road, NAMAKKAL. Ph: 04286-224005, 223305 Cell: 9344766677



10 ஆண்களை 1541 900 1,3008 தரச்சுன்று பெற்ற ஒரே பரிசோதனை நிலையம்

DATE: 05.03.2021

### To Whom So Ever It May Concern

This is certify that Mr. S. GOWTHAM III<sup>rd</sup> year B.Sc(Bio-Chemistry) student of SENGUNTHAR ARTS AND SCIENCE COLLEGE, Tiruchengode. He successfully undergone vision and observation training in our laboratory, Namakkal. Accomplished an internship from 24<sup>th</sup> Feb 2021 to 05<sup>th</sup> Mar 2021. He performance during the period was good.

We wish he all the success in him future endeavors'.

For BHARATH DIAGNOSTIIC & DIGITAL X-RAYS

SENGUNTHAR ARTS AND SCIENCE COLLEGE

TIRUCHENGODE - 637 205.

E.T.P.E. GOGULRAAJAN (Proprietor)

71/13. Trichy Main Road, NAMAZEAL - 637 001.

Call: 93447 66677

LP.E. Gogultarijan B.Sc., VI.L.L.

Lab In + bares

ado ye fil e Me (N 1 | 1 ORF). External Quality Assessment Scheme (1 Q 88 Lab Permanent Membership No. 0104 2011)



# SREE MATHURRA HOSPITAL

Dr. Varadharajalu Street, Jothi Nagar, ATTUR - 636 102

ryanthi Rajkumar, 4505.

Ph: 04282 - 250887, 251887

Date: 15.03:2021

#### CERTIFICATE

This is to certify that Mr.S.KARTHIKEYAN, S/0 K.SIVAN, III B.Sc. Chemistry, SENGUNTHAR College Of Arts and Science, TIRUCHENGODE has undergone an INTERNSHIP in our organisation from 24.02.21 to 10.03.21.

During the above training period, his conduct and character was found to be good

We wish him all success in his future endeavours.

With regards,

For MATHURRA HOSPITAL

S. Kalhi var

EE MATHURRA HOSPITAL Dr. Varathajalu Street, Jothi Nagar, Attur - (Tk), Salem (Dt).

SENCITY



## Bharath Diagnostiic & Digital X-Rays

71/13, Trichy Main Road, NAMAKKAL. Ph: 04286-224005, 223305 Cell: 9344766677



நாமக்கல் மாவட்டத்தில் 10 ஆண்டுகளாக ISO 9001-2008 தரச்சான்று பெற்ற ஒரே பரிசோதனை நிலையம்

DATE: 05.03.2021

## To Whom So Ever It May Concern

This is certify that Mr. P.KUMARAVEL III<sup>rd</sup> year B.Sc(Bio-Chemsitry) student of SENGUNTHAR ARTS AND SCIENCE COLLEGE, Tiruchengode. He successfully undergone vision and observation training in our laboratory, Namakkal. Accomplished an internship from 24<sup>th</sup> Feb 2021 to 05<sup>th</sup> Mar 2021. He performance during the period was good.

We wish he all the success in him future endeavors'.

COSTHAR ARTS AND SCIENCE COLLEGE THUCHENGODE - 637 205

For BHARATH DIAGNOSTIIC & DIGITAL X-RAYS

Poprietor)

NAMAKKAL - 637 001.

Cell: 93447 66677.

levathy, M.Sc.

S.Selvakumar, VI.Se Bio Chemistry

T.P.E. Gogulraajan B.Sc., M.L.T.

Assessment Scheme (EQAS Lab Permanent Membership No.0104 / 2011)

SALEM MAIN ROAD, VELLANDIVALASU, IDAPPADI - 637105



## **CERTIFICATE**

his is to Certified that mr/Mrs/Miss P.MANOJKUMAR has cessfully Completed the Internship from .2021 to 8.03.2021 in LOTTUS CLINICAL LABORATORY g the above period his/her conduct and character have been

SENGUNTHAR ARTS AND SCIENCE COLLEGE TIRUCHENGODE - 637 205

ve wish all success in their



## SHRI SANTHI HOSPITAL

Sankari Main Road Konganapuram, Edappadi(TK) Salem(DT)637102

Cell:7339064005, Hos Reg No: Salmall 20200007839

## TRAINING CERTIFICATE

This is to certify that Mr.V.J.MUTHAMIZHAN,S/O.Jayaraman pursuing his III-B.sc (Biochemistry) in Sengunthar Arts and Science college,Tiruchengode,Nammakal(DT).Under went Intenship in our hospital from 26.02.2021 To 12.03.2021.He was very sincere and dedicated in his duties. His conduct and character are good.

We take this opportunity to thank him and wish him all the best for his future.

ATTESTED

PRINCIPAL'
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

Dr. S.K.P. Sonthi, M.B.B.

Regd. No: 42984

Regd. Medical Practitioner KONGANAPURAM-637

Edappadi (Tk), Salem



#4/486-A, Pennagaram Main Road, DHARMAPURI - 636 703. Tamil Nadu.

Phone: 04342-280108

E.mail: admin@vijayahospitals.org E.mail: www.vijayahospitals.org

## TRAINING CERTIFICATE

This is to certify that G.PRATHAP S/o GOVINDHARAJ pursuing him III-B.Sc(Bio-Chemistry) in Sengunthar Arts and Science COLLEGE, Tiruchengode, Nammakal District. Training as a Lab Assistant in our hospital from 09.03.2021 to 22.03.2021.

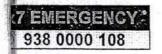
We found her sincere, hardworking, result oriented. He worked well as part of a team during her tenure. We take this opportunity to thank her and wish her all the best for her future.

Date: 23.03.2021

Place: DHARMAPURI

No. 4/486-A, Pennagaram Main Road, DHARMARUAL OH-636 701. Director

ATTESTED





#4/486-A, Pennagaram Main Road, DHARMAPURI - 636 703. Tamil Nadu.

Phone: 04342-280108

E.mail: admin@vijayahospitals.org Web: www.vijayahospitals.org

# TRAINING CERTIFICATE

This is to certify that M.SATHISHKUMAR S/o MURUGESAN oursuing him III-B.Sc(Bio-Chemistry) in Sengunthar Arts and science COLLEGE, Tiruchengode, Nammakal District. Training as Lab Assistant in our hospital from 14.02.2021 to 28.02.2021.

We found her sincere, hardworking, result oriented. He worked well as part of a team during her tenure. We take this apportunity to thank her and wish her all the best for her future.

ate: 03-03-2021

lace: DHARMAPURI

for. 62. 62m

Director

VIJAYA MULTI SPECIALITY HOSPITAL

No. 4/486-A, Pennagaram Main Road. DHARMAPURI-(Dt)-636 701.

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGOUB - 637 205.



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DATE: 05.03.2021

# To Whom So Ever It May Concern

This is certify that Mr. N. SOWNDHARARAJAN III<sup>rd</sup> year B.Sc(Bio-Chemistry) student of SENGUNTHAR ARTS AND SCIENCE COLLEGE, Tiruchengode. He successfully undergone vision and observation training in our laboratory, Namakkal. Accomplished an internship from 24<sup>th</sup> Feb 2021 to 05<sup>th</sup> Mar 2021. He performance during the period was good.

We wish he all the success in him future endeavors'.

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE

TIRUCHENGODE - 637 205.

For BHARATH DIAGNOSTIIC & DIGITAL X-RAYS

I. P.F. Colose

BHARATH DIAGNOSTIC

EPE GOGULKARAMS (Proprietor)

71/13, Trichy Main Road, NAMAKKAL - 637 001.

Cell: 93447 66677.

thy, M.Sc., Biologist S.Selvakumar, W.Sc., Bio Chemistry T.P.E. Gogulraajan B.Sc., M.L.T. Lab In-Charge

ab is covered with ACBI/CMC (VELLORE) External Quality Assessment Scheme (EQAS Lab Permanent Membership No.0104/2011)



Here with, I certify that Mr.S.Suresh Kumar., B.Sc., (3rd year) Biochemistry, sengunthar arts and Science College, Tiruchengode (Reg.No 18UBC1168) has ttended MOHAN HITECH LAB for Training from 22.06.2020 to 12.07.2020

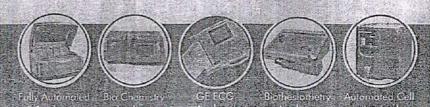
With Regards,

**HOD Lab** 

go gum

TRUCHENGOLE 337 205.

Maniyakarar Street, Ir Chandrasekaran Hospital, mpatti, Salem District, Tamil Nadu :8148568569



# LOTTUS GLINICAL LABORATORY

SALEM MAIN ROAD, VELLANDIVALASU, IDAPPADI - 637105



# K.R.S.HOSPITAL

# CERTIFICATE



s is to Certified that mr/Mrs/Miss\_\_S.UDHAYA KUMAR\_has essfully Completed the Internship from 2021 to 8.03.2021 in LOTTUS CLINICAL LABORATORY the above period his/her conduct and character have been

و حققق و

- That

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE -637 205

LAB INCHARGE

C. RAJENDRAN, D.M.E.T., LOTUS LABORATORY. VELLANDIVALASU, IDAPPADI

wish all success in their carriar



# LOTTUS GLINICAL LABORATORY,

SALEM MAIN ROAD, VELLANDIVALASU, IDAPPADI - 637105



# K.R.S.HOSPITAL

# CERTIFICATE

is to Certified that mr/Mrs/Miss\_A.VIMAL RAJ\_has

Essfully Completed the Internship from

2021 to 8.03.2021 in LOTTUS CLINICAL LABORATORY

the above period his/her conduct and character have been

والمادة والمادة

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TYPICHENGODE - 637 205.

LAB INCHARGE

C. RAJENDRAN, D.M.A.T., LOTUS CABORATORY. VELLANDIVALASU,

wish all success in their carriar



AME OF THE STUDENT: MISS.D.ANUCHIYA

UALIFICATION

: II - B.Sc.BIOCHEMISTRY

This is to certify that. MISS.D.ANUCHIYA, II - B.Sc.BIOCHEMISTRY

Student studying in SENGUNTHAR ARTS AND SCIENCE SCIENCE. She had undergone Training in our Lab From 20-08-2020 to 20-09-2020. Especially trained with fully automatic bio chemistry analyser, fully automatic cell counter, and fully automatic immunology thyroid analyser, For a Period of 1 month. During this training period with us, her learning and performance was good with obedient character.

ALL THE BEST FOR YOUR FUTURE!

ATTESTED

PRINCIPAL

CUNTHAR ARTS AND SCIENCE COLLEGE TIRUCHENGODE - 637 205.

Annai Therasa

Research Diagnostic Center 556/753, Mettur Main Road, Opp. CSI Church, BHAVANI - 638 301. Cell: 98428 40715 Ph: 042562~1230

I.LourthuRaj, Bsc.(PSY)D.MLT.,. Chief of Laboratory Service

3, Mettur Main Road. Church, BHAVANI-638 301, Erode Dt. Avinashi Road, TIRUPUR-641 602.

Ph: 04256 - 231230 | Cell: 99653 08328

98428 40715

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e-mail: lourthuraj123@gmail.com

# www.annaitherasalab.com

annaitherasa like



ME OF THE STUDENT: MISS D.DEV! SHREE

DALIFICATION

: III - B.Sc.BIOCHEMISTRY

This is to certify that. MISS D.DEVI SHREE, III - B.Sc.BIOCHEMISTRY

Student studying in SENGUNTHAR ARTS SCIENCE COLLEGE, AND

TIRUCHENGODE. She had undergone Training in our Lab From

25-02-2021 to

16-03-2021. Especially trained with fully automatic bio chemistry analyser, fully automatic cell counter, and fully automatic immunology thyroid analyser, For a Period of 20 days. During this training period with us, her learning and performance was good with

obedient character.

ALL THE BEST FOR YOUR FUTURE!

Research Diagnostic Center 556/753, Mettur Main Road, Opp. CSI Church, BHAVANI - 638 301. Fall: 98428 40715 Ph: 0425621230

ATTESTE

SENGUNTHAR ARTS AND SCIENCE COLLEGE

TIRUCHENGODE - 637 205.

Chief of Laboratory Service

I.LourthuRaj, Bsc.(PSY )D.MLT.,.

3, Mettur Main Road,

Church, BHAVANI-638 301, Erode Dt.

Avinashi Road, TIRUPUR-641 602.

e-mail: lourthuraj123@gmail.com

98428 40715

Ph: 04256 - 231230 | Cell: 99653 08328

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98654 52525

# MR CLINICAL LABS

98-A2, Salem Main Road, Opp Indian Bank, Kumarapalayam - 638183

# TRAINING CERTIFICATE

This Is To Certify That Miss E.GANGA DEVI III B.Sc Blochemistry Student Training In Our Lab From 08.01.2021 to 23.01.2021. Especially Trained With Fully Automatic Cell Counter, And Semi Auto Analyzer.

M.R. CLIN OAL LABS 98-A2, Salem Main Road, Opp. Indian Bank, Komarapalayam - 638 183.

Chief of laboratory service

ATTESTED

Nen

SENGUNTHAR ARTS AND SCIENCE COLLEGE

TIRUCHENGUDE - 637 205.



Thone: 0422 - 4200099, 4366999

NABL Accredited
Laboratory



# CERTIFICATE OF TRAINING

This is to Certify that Miss. Kavya R , Department of Biochemistry,

Sengunthar Arts and Science College, Namakkal has successfully completed

Fifteen days training programme with hands-on and observations of various

Clinical Biochemistry procedures including quality control of various parameters

from 18.01.21 to 01.02.21 at Bioline Laboratory, Salem.

8. It Daved QUI

ATTESTED

Co-Ordinator - Training & Research

www.biolinelab.com

CHITHAR ARTS AND SCIENCE COLLEGE TRUCHENGODE - 637 205.

Director - Training & Research Dr. V. Chandrasekar

V 2.0

Dr. U. SenthilKumar



# SRI SIGAMANI CLINIC

98431 - 39123 90471 - 12205 82485 - 65673

59, S.N.D. Road, TIRUCHENGODE - 637 211.

r. Mrs. D. ANURADHA M.B.B.S., D.G.O.,

enior Assistant Surgeon

Date 16/2/2021

# TRAINING CERTIFICATE

NAME OF THE STUDENT :MISS.A.KIRUTHIGA

QUALIFICATION

:III-B.Sc.BIOCHEMISTRY

This is to certify that MISS.A.KIRUTHIGA,III-B.Sc.BIOCHEMISTRY

Student studying in SENGUNTHAR ARTS AND SCIENCE COLLEGE. She had

Undergone Training in our Lab From 08 01.2021 to 16.02.2021. She is trained in

Blood collecting with Fully automatic cell counter, semi analyzer, For a

Period of 1 month.

PRINCIPAL PRINCIPAL COLLEGE

THE PROPERTY AND SHEET OF THE PARTY OF THE P

SENGUNTHAR ARTS AND SCIENCES. TUNUCHENCODE - 637 ZUS. Dr. D. ANURADHA, M. 8 8 5 2 6 0 ... Sri Sigamani Citric, 59, S. N. D. ROAD TIRUCHENGODE, Reg. No: 62555.

The Best Place to get Better



ME OF THE STUDENT: MISS.B.MOHANADEVI

ALIFICATION

: III - B.Sc.BIOCHEMISTRY

This is to certify that. MISS.B.MOHANADEVI, III - B.Sc.BIOCHEMISTRY SCIENCE COLLEGE, Student studying in SENGUNTHAR ARTS AND 25-02-2021 to TIRUCHENGODE. She had undergone Training in our Lab From 16-03-2021. Especially trained with fully automatic bio chemistry analyser, fully automatic cell counter, and fully automatic immunology thyroid analyser, For a Period of 20 days. During this training period with us, her learning and performance was good with obedient character.

ALL THE BEST FOR YOUR FUTURE!

Annai Therasa Research Diagnostic Center 556/753, Mettur Main Road,

Opp. CSI Church, BHAVANI - 638 301. : 11- 98428 40715 Ph: 04256771231

TIRUCHENGODE - 637 205.

I.LourthuRaj, B&c.(PSY )D.MLT.,. Chief of Laboratory Service

3, Mettur Main Road. Church, BHAVANI-638 301, Erode Dt.

Avinashi Road, TiRUPUR-641 602

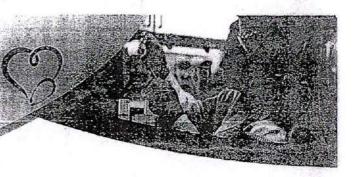
Ph: 04256 - 231230 | Cell: 99653 08328

98428 40715

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முள்**! Ma**nifagraji123@gmail.com ... இ www.annaitherasalalaeema





NAME OF THE STUDENT: MISS.P.MOHANAPRIYA

DUALIFICATION

· II - B.Sc.BIOCHEMISTRY

This is to certify that. MISS.P.MOHANAPRIYA, II - B.Sc.BIOCHEMISTRY

Student studying in SENGUNTHAR ARTS AND SCIENCE SCIENCE. She had undergone Training in our Lab From 20-08-2020 to 20-09-2020. Especially trained with fully automatic bio chemistry analyser, fully automatic cell counter, and fully automatic immunology thyroid analyser, For a Period of 1 month. During this training period with us. her learning and performance was good with obedient character.

Annai Therasa

Research Diagnostic Center 556/753. Mettur Main Road, Opp. CSI Church, BHAVANI - 638 301. Cell: 93428 40715 Ph: 04256271230

ALL THE BEST FOR YOUR FUTURE!

ENGUNTHAR ARTS AND SCIENCE COLLEGE

TIRUCHENGODE - 637 205.

I.LouithuRaj, Bsc. (PSY )D.MLT.,. Chief of Laboratory Service

3, Mettur Main Road, Church, BHAVANI-638 301, Erode Dt.

Avinashi Road, TIRUPUR-641 602.

Ph: 04256 - 231230 | Cell: 99653 08328

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# MOHAN HIGHTECH LAB

No.6, Maniyakarar Street, Opp Dr.Chandrasekaran Hospital, Attayampati, Salem District, Tamil Nadu.

> Mr.C.Mohan Cell: 8148568569

Date: 22/1/1

# TRAINING CERTIFICATE

MOHAN HIGH TECH Lab State that Miss P.NAGALAKSHMI, B.sc, (BIOCHEMISTRY) III- Year From Sengunthar Arts and Science College has been trained in our Lab In The Field of Laboratory, training for a Period of 15 days from 08.01.2021 to 22.01.2021.

ATTESTED

PRINCIPAL'
SENGUNTHAR ARTS AND SCIENCE COLLEGE
637 205.

FOR PROPRIETOR

For Mohan Hitech Lab

Sole Proprietor

# MOHAN HIGHTECH LAB

No.6, Maniyakarar Street, Opp Dr. Chandrasekaran Hospital, Attayampati, Salem District, Tamil Nadu.

> Mr.C.Mohan Cell: 81485 68569

Date: 22/1/21

# TRAINING CERTIFICATE

MOHAN HIGH TECH Lab State that Miss G.PAVITHRA, c, (BIOCHEMISTRY) III- Year From Sengunthar Art and Science lege has been trained in our Lab In The Field of Laboratory, training a Period of 15 days from 08.01.2021 to 22.01.2021.

ATTESTED

ENGUNTHAR ARTS AND SCIENCE COLLEGE

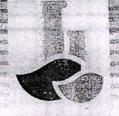
TIRUCHENGODE - 637 205.

FOR PROPRIETOR For Mohan Hitseh Lab

Sols Proprietor



# CLINICAL LABORATORY ADVEKA HOSPITAL



# 93-C1, West Street, K. Puthur, Poolampatty Main Road, Edappadi Tk, Salem Dt.

Mobile: 80722 12123, 91590 12123 E-mail: advekahospital@gmail.com

LABORATORY REPORTS

DATE: 02/03/2021

# TO WHOMSOEVER IT MAY CONCERN

This is certify that Miss. *PRIYADHARSHINI* studying III B.Sc, 3iochemistry at *SENGUNTHAR ARTS & SCIENCE COLLEGE Tiruchengode* has attend our *NIHITH SUVAN LABORATORY* at *ADVEKA HOSPITAL 'DAPPADI (TK) SALEM (DK)* for Biochemistry laboratory training from 5.02.2021 to 02.03.2021. She has attended 15 days regularly for his training programme.

Sab Technician

Dr. V. RAMKUMAR, Ms.,FMAS.,FIAGES., Reg. No: 78530 ADVEKA HOSPITAL EDAPPADI-637 101.

PRINCIPAL

SENGUNTHAR ARTS AND SCIENCE COLLEGE TIRUCHENGODE - 637 205.

# VISAALAM HOSPITALS

9-A, Sankagiri Bye - Pass Road, Near Bus Stand, Pallipalayam, ERODE - 638 006. Ph: 04288 - 247744 FAX: 247039 Cell: 99424 94959

Masilamani, MD., DNB., MNAMS.,

Dr. Y. Thamizhselvi Masilamani, DGO., DNB., MNAMS.

CONSULTANT OBSTETRICIAN & GYNAECOLOGIST

ANT AMAESTHES/OLDGIST AL CARE PHYSICIAN

Date : .....

# TRAINING CERTIFICATE

Date: 29/10/2020

I Dr.V.Masilamani state that Miss.S.Shanuja

B.Sc, Biochemistry II Year, from Senguthar Arts and Science college, had been trained in Our hospital in the field of Laboratory training for a period of 1 month, from 28/09/20 to 29/10/20

Yours Sincerely,

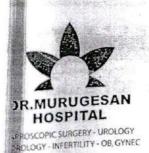
& fle-

PRINCIPAL
SECTION ARTS AND SCIENCE COLLEGE
TRULHENGUUL 53/205.

ATTESTED

Dr. V. MASIL ..., M.D., D.N.B (Anaes)., Consultant Anaesthesiologist & Critical Care Physician Reg. No: 52302

VISAALAM HOSPITALS PALLIPALAYAM, ERODE-6.



# Dr. MURUGESAN HOSPITAL & KIDNEY STONE CENTRE

(Near Mahalakshmi Theatre), Sundara Vinayagar Koil Street, Kallakurichi - 606202. Tel : 04151-222014 / 226222

# TRAINING CERTIFICATE

Here With I am Certify to that Miss S.Sowndarya.B.Sc.,BIO-Chemistry,sengunthar arts and science.Trichengode (Reg.No 18UBC1183) has been attend the MURUGESHAN HOSPITAL LAB for training from 16-06-2020 to 01-07-2020 in our Lab.

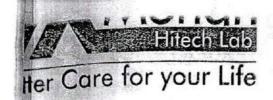
Thanking you,

LAB Tech

ATTESTED

SENGUNTHAR ARTS AND SCIENCE COLLEGE TIRLICHENGODE - 637 205. DOCTOR SIGNATURE.

OR. MURUGESAN
OR. MURUGESAN HOSPITAL AN
KIDNEY STONE CENTRE,
SUNDARA VINAIYAGAR KOIL STREET
NEAR MAHALAKHMI THEATER
KALLAKURICHI-605202



Here with, I Certify that Miss S.TamilSelvi.B.Sc., (2<sup>nd</sup> year) Biochemistry, Sengunthar arts and Science College, Tiruchengode ( Reg. No 18UBC1184 ) has attended MOHAN HITECH LAB for Training from 22.06.2020 to 12.07.2020

With Regards,

**HOD Lab** 

ATTESTED

THAR ARTS AND SCIENCE COLLEGE TIRUCHENGODE - 637 205.



# GEMINICAL BIO - CHEMICAL LABORATORY & DIGITAL X-RAYS

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e-mail: geminilaboratory@gmail.com

Working Hours

Week Days: 7.30 am to 9.30 p

Sunday : 7.30 am to 2.00 p

# CERITIFICATE

This is to Certify that Miss. R. Vaishnadhi D/O M. Ravi, doing her III year B.Sc (BioChemistry) at Sengunthar Arts and Science College, Thiruchengode, Namakkal, underwent Internship Course in our Laboratory for the period 12.03.2021 to 27.03.2021 (15 days).

Date: 27/03/2021

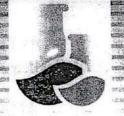
Salem.

SENGUNTHAR ARTS AND SCIENCE COLLEGE TIRUCHENGODE - 637 205.

GEMINI CLINICAL BIO-CHEMICAL LABORATOR 162/166-2nd AGRAHARAM, SALEM - 636 001.



# NIHITH SUVAN CLINICAL LABORATORY ADVEKA HOSPITAL



# 93-C1, West Street, K. Puthur, Poolampatty Main Road, Edappadi Tk, Salem Dt. Mobile: 80722 12123, 91590 12123 E-mail: advekahospital@gmail.com

# LABORATORY REPORTS

DATE: 02/05/2021

# TO WHOMSOEVER IT MAY CONCERN

This is certify that Miss. VAISHNAVI.K studying III B.Sc, Biochemistry at SENGUNTHAR ARTS & SCIENCE COLLEGE Tiruchengode has attend our NIHITH SUVAN LABORATORY at ADVEKA HOSPITAL IDAPPADI (TK) SALEM (DK) for Biochemistry laboratory training from 15.02.2021 to 02.03.2021. She has attended 15 days regularly for his training programme.

Lab Technician

DENCEPAL.

PRINCIPAL

Dr. V. RAMKUMAR,
MS., FMAS., FIAGES.,
Reg. No: 78530
ADVEKA HOSPITAL
EDAPPADI-637 101.

The It

# RASI CLINICAL LABORATORY

Automated Bio-Chemistry & Haematology Analyser)

RASI SPECIALITY HOSPITAL 77/1-1, Kokkarayanpettai Road, Valaraigate, Tiruchengode-637 214, Namakkal Dt.

Date:13-03-2021

# TO WHOM SOEVER IT MAY CONCERN

This is to certify that Miss. VASANTHA . A studying III B.Sc. Biochemistry at SENGUNTHAR ARTS & SCIENCE COLLEGE Tiruchengode has attended our RASI CLINICAL LABORATORY at RASI SPECIALITY HOSPITAL, TIRUCHENGODE (TK) NAMAKKAL (DT) for Biochemistry laboratory training from 25.02.2021 to 13.03.2021 she has attended 10 days regularly for her training programme

SENGUNTHAR AF: WI TIPVEB COLLEGE

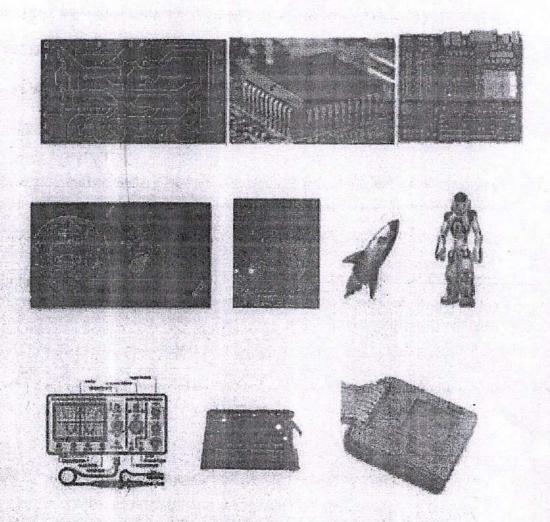
TIRUCHERGUDE: 03/ 205.

M.B.B.S., DGO, DNB

RASI SPECIALITY HOSPITAL 77/1-1, Kokkarayanpettai Road,

Valaraigate, TIRUCHENGODE-637 214.

# PERIYAR UNIVERSITY SALEM – 636 011



B.Sc., ELECTRONICS AND COMMUNICATION

SYLLABUS AND REGULATIONS UNDER CHOICE BASED CREDIT SYSTEM

EFFECTIVE FROM THE ACADEMIC YEAR 2017 - 2018 & ONWARDS

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TRUCHENGODE - 637 205.

### 7. PROJECT WORK OR ONE CORE PAPER:

A Candidate can submit SOFTWARE or HARDWARE or HARDWARE cum SOFTWARE based project and has to demonstrate the Project with Project Report in the University Project Viva Voce Examination conducted at the end of the sixth semester.

### MARK DISTRIBUTION FOR PROJECT REPORT: 80 MARKS

MARK DISTRIBUTION FOR VIVAVOCE : 20MARKS

Instead of Project Work; Core Paper - IX "BIOMEDICAL INSTRUMENTS" may be offered in the VI th Semester.

### 8. PASSING MINIMUM:

A candidate shall be declared to have passed the examination only if the candidate secures a minimum of 40% in the University examination and with an overall total of 40 out of 100.

### 9. RESTRICTIONS TO APPEAR FOR THE EXAMINATIONS

Candidates who fail in any of the course of Part I, II, III, IV & Part V of UG Degree examinations shall complete the course concerned within 5 years from the date of admission to the said programme and should they fail to do so, they shall take the examination in the revised syllabus prescribed for the immediate next batch of candidates.

If there is no change in the syllabus they shall appear for the examination in that course with the syllabus in vogue until there is a change in the syllabus. In the event of removal of that course consequent to change of regulation and/or curriculum after 5-year period, the candidates shall have to take up an equivalent course in the revised syllabus as suggested by the Chairman and fulfill the requirements as perthe regulation curriculum for the award of the degree.

## IN IMPROVEMENT OF MARKS IN THE SUBJECTS ALREADY PASSED

Candidates desirous of improving the marks awarded in a passed subject in their first attempt shall reappear once within a period of subsequent two semesters. The improved marks shall be considered for classification but not for ranking. When there is no improvement, there shall not be any change in the original marks already awarded.

### 14 CLASSIFICATION OF SUCCESSFUL CANDIDATES

A candidate who passes all the examinations in Part I to P art V securing following CGPA and Grades shall be declared as follows for Part I or Part III.

ATTESTED

RAVERU AR IS II, LP. B.O.C.A.

HO.D.

Dept.ef Electronics & Communication. Sengunthar Arts & Science College. TIRUCHENGODE - 637 205.



Since 1991

### SENGUNTHAR ARTS AND SCIENCE COLLEGE

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

An ISO 9001:2015 Certified Institution

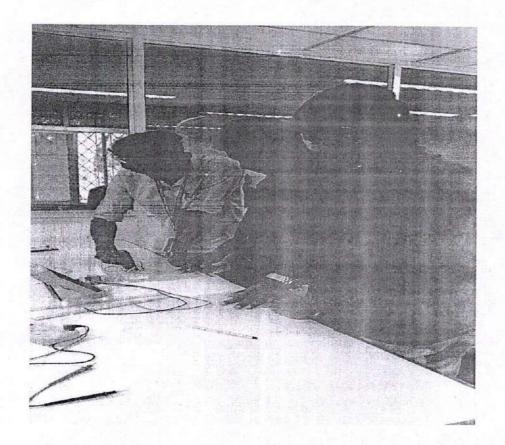
Recognised under section 2(f) and 12(B) of the UGC Act 1956

Accredited by NAAC

Tiruchengode – 637 205, Namakkal dt., Tamilnadu

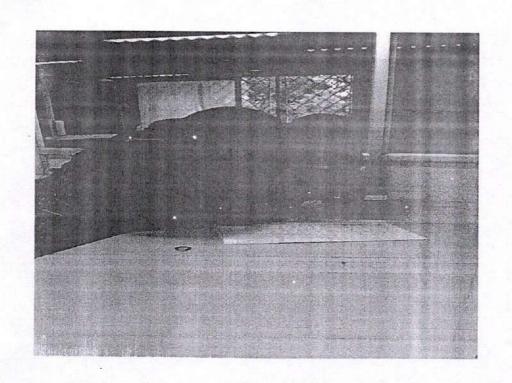


# EXPERIMENTAL LEARNING-2020-2021 DEPARTMENT OF ELECTRONICS AND COMMUNICATION



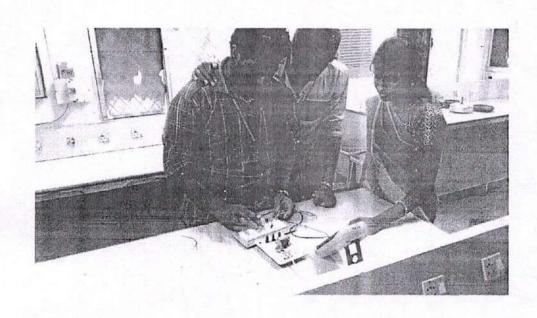
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TRUCHENCODE - 637 205.



ATTESTED

PRINCIPAL SENGUNTHAR ARTS AND SCIENCE COLLEGE TRUCHENGUDE - 627 205. H.Q.D.

Dept.of Electronics & Communication,
Sengunthar Arts & Science College,
TIRUCHENGODE • 637 205.