



Since 1991

SENGUNTHAR ARTS AND SCIENCE COLLEGE
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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



3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

(2020-2021)



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TABLE OF CONTENTS (2020-2021)

S.No	Particulars	Page.No
1	DOCTORS LABORATORY,Dharmapuri	3-11
2	RAMAKRISHNA NURSHING HOME ,Attur	12-16



DOCTORS

LABORATORY

Under the following conditions, the following activities shall be undertaken by the following institutions:

Key areas of expertise include:

- ✓ Instrumentation training
- ✓ Collection & Analysis of Clinical samples
- ✓ Analysis of biological samples
- ✓ Internship training for Students
- ✓ Training for staff members

The specific activities to be undertaken shall be covered by a corresponding Memorandum of Understanding (MoU) and the activity must commence within six days from the date of the MoU being signed. This MoU may be deemed as null and void.

This MoU shall take effect upon signing by both parties and shall remain in force for a period of five (5) years, subject to renewal upon mutual consent, unless sooner terminated by either party, provided that a written notice shall have been served at least sixty (60) days before the termination takes effect.

As is contained herein shall be understood by us a joint venture and shall not constitute a partnership, the agent of the other.

This MoU is signed by the representatives of both institutions, as advised with the intent of providing mutual cooperation effective from day of 17th September, 2020.

Signed by:

Prof. Dr. S. Ravikumar
Principal
PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

Dr. K. Balan
Managing Director
DOCTORS LABORATORY
14-Q2, Nethaji By-pass Road,
Dharmapuri - 636 701.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.



**CHARACTERIZATION OF BACTERIOCIN PRODUCED FROM
LACTIC ACID BACTERIA ISOLATED FROM
SHRIMP WASTES AND SHRIMP GUT**

Dissertation

*Submitted to PERIYAR UNIVERSITY,
in partial fulfillment of the requirement for the award of degree of*

MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by

Ms. M.PRIYA

(Reg. No. 19PBT1107)

Under the guidance of

Dr. P. VANATHI, M.Sc., M. Phil., PGDBI, MBA., Ph.D.

**PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
SENGUNATHAR ARTS AND SCIENCE COLLEGE**

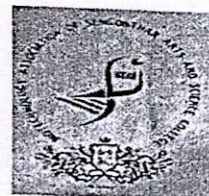
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TIRUCHENGODE - 637 205

TAMILNADU

INDIA

April -2021



ATTESTED

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

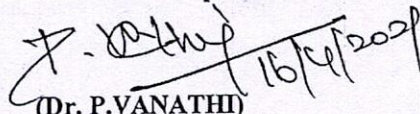


CERTIFICATE

This is to certify that the dissertation entitled "Characterisation of bacteriocin produced from lactic acid bacteria isolated from shrimp wastes and shrimp gut" submitted to Periyar University in partial fulfillment of the requirements for the award of the degree of "MASTER OF SCIENCE IN BIOTECHNOLOGY" is a bonafide of original research work done by Ms. M. PRIYA during the period of her study in the Department of Biotechnology, SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE, under my supervision and guidance and the dissertation has not formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or other similar title to any other candidate of any other university or Institution of higher learning.

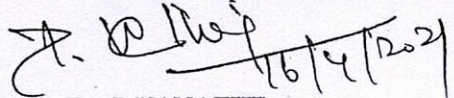
Countersigned by,

Head of the Department.

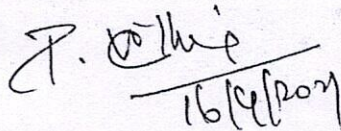

(Dr. P. VANATHI)
Dr. P. Vanathi
Head & Assistant Professor
PG & Research Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode, Namakkal District
Pincode - 637 205

Signature of


Guide and supervisor


(Dr. P. VANATHI)
Dr. P. Vanathi
Head & Assistant Professor
PG & Research Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode, Namakkal District
Pincode - 637 205

Examiner:


16/4/2021

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SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

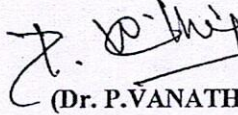


DECLARATION

I hereby declare that this dissertation entitled "Characterisation of bacteriocin produced from lactic acid bacteria isolated from shrimp wastes and shrimp gut" submitted to Periyar University in partial fulfillment of the requirements for the award of the degree of "MASTER OF SCIENCE IN BIOTECHNOLOGY" is a record of original research work done by me under the supervision and guidance of Dr. P. VANATHI, M.Sc., M. Phil., PGDBI, MBA, Ph.D., Assistant professor and Head, Department of Biotechnology, SENGUNTHAR ARTS AND SCIENCE COLLEGE TIRUCHENGODE, and it has not formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or other similar title to any other candidate of any other university or Institution of higher learning.

Countersigned by,

Guide and supervisor


(Dr. P. VANATHI) 16/4/2024

Dr.P. Vanathi
Head & Assistant Professor
PG & Research Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode, Namakkal District
Pincode - 637 205

Signature of candidate


(Ms. M.PRIYA)

ATTESTED


PRINCIPAL

SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.





DOCTORS

CERTIFICATE

This is to certify that Ms.PRIYA (Reg.No:19PBT1107),DEPARTMENT OF BIOTECHNOLOGY, Sengunthar Arts & Science College Tiruchengode, Tamil Nadu ,has successfully completed the project titled "CHARACTERIZATION OF BACTERIOCIN PRODUCED FROM LACTIC ACID BACTERIA ISOLATE FROM SHRIMP WASTED AND SHRIMP GUT" is record of original research work done during the period from 01-06-2020 to 10-01-2021The above mentioned student completed her project work in exemplary manner. Her conduct and character were good.

Signed by:

Prof. Dr S.Ravikumar
Principal

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

Dr. K. Balan
Managing Director

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Dharmapuri-636 701.

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Dissertation

*Submitted to PERIYAR UNIVERSITY,
in partial fulfillment of the requirement for the award of degree of*

MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted by

**Ms. S.PAVITHRA
(Reg. No. 19PBT1106)**

Under the guidance of

Dr. P. VANATHI, M.Sc., M. Phil., PGDBI, MBA., Ph.D.

**PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY
SENGUNATHAR ARTS AND SCIENCE COLLEGE**

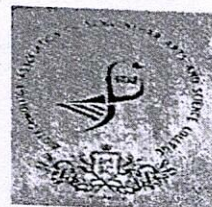
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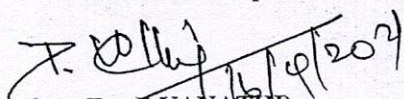


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Countersigned by,

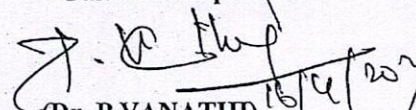
Head of the Department.


(Dr. P. VANATHI)

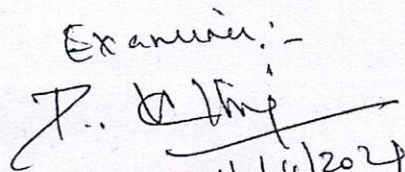
Dr. P. Vanathi
Head & Assistant Professor
PG & Research Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode, Namakkal District
Pincode - 637 205

Signature of

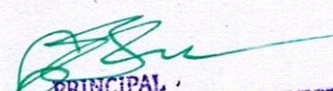
Guide and supervisor


(Dr. P. VANATHI)

Dr. P. Vanathi
Head & Assistant Professor
PG & Research Department of Biotechnology
Sengunthar Arts and Science College
Tiruchengode, Namakkal District
Pincode - 637 205

Examiner:-

16/4/2024

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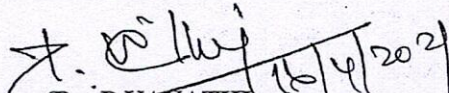


DECLARATION

I hereby declare that this dissertation entitled "Characterisation of bacteriocin produced from lactic acid bacteria isolated from shrimp wastes and shrimp gut" submitted to Periyar University in partial fulfillment of the requirements for the award of the degree of "MASTER OF SCIENCE IN BIOTECHNOLOGY" is a record of original research work done by me under the supervision and guidance of Dr. P. VANATHI, M.Sc., M. Phil., PGDBI, MBA, Ph.D., Assistant professor and Head, Department of Biotechnology, SENGUNTHAR ARTS AND SCIENCE COLLEGE TIRUCHENGODE, and it has not formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or other similar title to any other candidate of any other university or Institution of higher learning.

Countersigned by,

Guide and supervisor


(Dr. P. VANATHI) 16/4/2024


Dr.P. Vanathi
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PG & Research Department of Biotechnology
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Tiruchengode, Namakkal District
Pincode - 637 205

Signature of candidate


(Ms. S.PAVITHRA)



ATTESTED


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TIRUCHENGODE - 637 205.



DOCTORS

CERTIFICATE

This is to certify that Ms.PAVITHRA (Reg.No:19PBT1106),DEPARTMENT OF BIOTECHNOLOGY, Sengunthar Arts & Science College Tiruchengode, Tamil Nadu ,has successfully completed the project titled "CHARACTERIZATION OF BACTERIOCIN PRODUCED FROM LACTIC ACID BACTERIA ISOLATE FROM SHRIMP WASTED AND SHRIMP GUT" is record of original research work done during the period from 01-06-2020 to 10-01-2021The above mentioned studend completed her project work in exemplary manner. Her conduct and character were good.

Signed by:

Prof. Dr S.Ravikumar
Principal

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Dr. K. Balan
Managing Director

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TIRUCHENGODE - 637 205.

Dr. **K. Shanbagavalli**, M.B.B.S., D.G.O.,Dr. **N. Anuradha**, M.B.B.S., D.G.O.,**Ramakrishna Nursing Home**

330, Cuddalore Main Road, Attur - 636 102.

☎ 250599

250699

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Date:

01.06.2020

MEMORANDUM OF UNDERSTANDING

Between

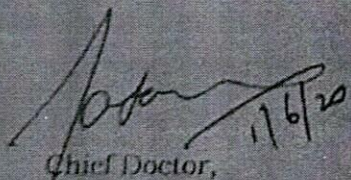
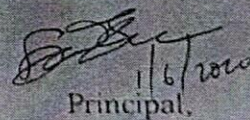
Ramakrishna Nursing Home, Attur

and

BIO TECHNOLOGY department, Sengunthar Arts & Science**College, Tiruchengode**

For the purpose of promoting industrial knowledge, research inclination,
and industrial application of knowledge among students.

This MOU is valid over the academic years 2020 to 2022.


Chief Doctor,**Ramakrishna Nursing Home,
Attur****DR. R. NATARAJAN, B.Sc., M.B.B.S.,**
REGISTERED MEDICAL PRACTITIONER
REGD NO. 82418
Principal,**Sengunthar Arts & Science College,
Tiruchengode****PRINCIPAL**
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.**ATTESTED**
PRINCIPAL**SENGUNTHAR ARTS AND SCIENCE COLLEGE**
TIRUCHENGODE - 637 205.

A REVIEW OF CORONA VIRUS (COVID – 19)

Dissertation submitted in partial fulfillment of requirement for the degree of

MASTER OF SCIENCE IN BIOTECHNOLOGY

SUBMITTED BY

Mr.P.HARIPRASANTH

(REG.NO:19PBT1095)



1991

PG & RESEARCH DEPARTMENT OF BIOTECHNOLOGY

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Accredited by NAAC

Tiruchengode – 637 205, Namakkal dt., Tamilnadu

APRIL-2021

ATTESTED


PRINCIPAL

SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.



CERTIFICATE

This is to certify that the dissertation entitled " A REVIEW OF CORONA VIRUS (COVID – 19)" 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 the bonafide research work carried out by Mr.P.HARIPRASANTH, Reg.No 19PBT1095 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 of full in any scientific or popular journals or magazines.

Miss R. Rajarajeshwari
15/4/21

Signature of the Guide

Miss. R. RAJARAJESHWARI, M.Sc., M.Phil.,
ASSISTANT PROFESSOR
PG & Research Department of Biotechnology,
Sengunthar Arts & Science College,
TIRUCHENGODE - 637 205.

P. Hariprasanth

Signature of the Head

Submitted for the viva-voce examination held on 16-04-2021

Examiner 1.....

Examiner 2.....



ATTESTED

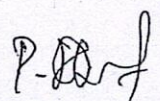
[Signature]
PRINCIPAL


SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

DECLARATION

I hereby declare that the dissertation entitled "A REVIEW OF CORONA VIRUS (COVID - 19)". Submitted to the Periyar University, Salem, Tamilnadu, INDIA, in partial fulfilment of Master Of Science In Biotechnology is a record of original work done by me under the guidance of Ms.R.RAJARAJESHWARI, M.Sc., M.Phil., (Ph.D), Assistant professor, Sengunthar Arts and Science College, Tiruchengode, and it has not previously formed the basis for the award of any degree, diploma, fellowship or other similar title to any university.

Place: Tiruchengode
Date: 16-04-2021


SIGNATURE OF THE CANDIDATE
(Mr.P.HARIPRASANTH)

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.



Dr **K.Shanbagavalli**,M.B.B.S.D.G.O.

Dr **N.Anuratha**,M.B.B.S.D.G.O

Ramakrishna Nursing Home

PH:250599

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330,Cuddalore Main Road, **Attur** – 636 102.

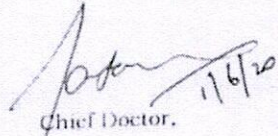
Ramakrishna Nursing Home, Attur

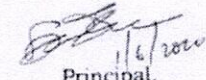
And


**BIO TECHNOLOGY department. Sengunthar Arts & Science
College, Tiruchengode**

CERTIFICATE

This is to certify that Mr. HARIPRASANTH(Reg.No:19PBT1095),Department Of Biotechnology Sengunthar Arts & Science College Tiruchengode, Tamil Nadu ,has successfully completed the project titled “A REVIEW OF CORONA VIRUS (COVI-19)”is record of original research work done during the period from 01-6-2020 to 10-01-2021The above mentioned student completed him project work in exemplary manner.Him conduct and character were good.


Chief Doctor,
Ramakrishna Nursing Home,
Attur
DR. R. NATARAJAN, B.Sc., M.B.B.S.,
REGISTERED MEDICAL PRACTITIONER
REGD No. 2241A


Principal,
Sengunthar Arts & Science College,
Tiruchengode
PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

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