



AWE CARE
BIOTECH RESEARCH DIVISION

Certificate

This is to certify that

Ms. K. VIDHYA

has participated in the Summer Training

Programme on '**Microbial and**

Molecular Techniques'

from 15.05.2019 to 06.06.2019 held at

AWE CARE Research Laboratories, Erode, TN, India.

DIRECTOR

22, Agri Nagar,
Thindal, Erode - 638 012.
Tamil Nadu, India



AWE CARE
BIOTECH RESEARCH DIVISION

Certificate

This is to certify that

Ms. S. AISHWARIYA

has participated in the Summer Training

Programme on **'Microbial and**

Molecular Techniques'

from 15.05.2019 to 06.06.2019 held at

AWE CARE Research Laboratories, Erode, TN, India.

DIRECTOR

22, Agri Nagar,
Thindal, Erode - 638 012.
Tamil Nadu, India



AWE CARE
BIOTECH RESEARCH DIVISION

Certificate

This is to certify that

Ms. S. BOOMIGA

has participated in the Summer Training

Programme on 'Microbial and

Molecular Techniques'

from 15.05.2019 to 06.06.2019 held at

AWE CARE Research Laboratories, Erode, TN, India.

DIRECTOR

22, Agri Nagar,
Thindal, Erode - 638 012.
Tamil Nadu, India



Certificate of participation

This acknowledges that

Ms. Mariya Jothi J, Ist M.Sc., Department of Biochemistry,

Sacred Heart College, Tripattur

*has successfully completed summer internship on Medicinal Plants
and their Therapeutic Applications held between 08th May and 07th
June, 2019 at Chennai.*

Dr. R. Suresh
Director

Greensmed Labs

Research and Development centre for Biological Sciences

(Recognized by MSME, Govt of Tamil nadu, India)

Address: Plot No.282, Secretariat Colony, Thoraipakkam, OMR, Chennai -600097.



AWE CARE
BIOTECH RESEARCH DIVISION

Certificate

This is to certify that

Ms. C. NATHIYA

has participated in the Summer Training

Programme on 'Microbial and

Molecular Techniques'

from 15.05.2019 to 06.06.2019 held at

AWE CARE Research Laboratories, Erode, TN, India.

DIRECTOR

22, Agri Nagar,
Thindal, Erode - 638 012.
Tamil Nadu, India



Certificate of participation

This acknowledges that

Ms. Nobika Joy G, 1st M.Sc., Department of Biochemistry,

Sacred Heart College, Tripattur

*has successfully completed summer internship on Medicinal Plants
and their Therapeutic Applications held between 08th May and 07th
June, 2019 at Chennai.*

Dr. R. Suresh
Director

Greensmed Labs

Research and Development centre for Biological Sciences

(Recognized by MSME, Govt of Tamil nadu, India)

Address: Plot No.282, Secretariat Colony, Thoraipakkam, OMR, Chennai -600097.



AWE CARE
BIOTECH RESEARCH DIVISION

Certificate

This is to certify that

Ms. R. SANDHIYA

has participated in the Summer Training

Programme on 'Microbial and

Molecular Techniques'

from 15.05.2019 to 06.06.2019 held at

AWE CARE Research Laboratories, Erode, TN, India.

DIRECTOR

22, Agri Nagar,
Thindal, Erode - 638 012.
Tamil Nadu, India

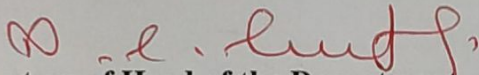
PG BIOCHEMISTRY-2019 - 2020

Internship Details

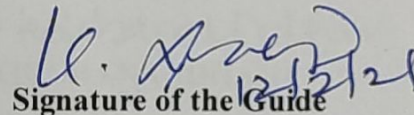
Programme name	Programme Code	Name of students undertaking field projects /internships/student projects	Link to the relevant document
M.Sc	-	J. MARIYA JOTHI	
M.Sc	-	M.NAGARAJ	
M.Sc	-	K. VIDHYA	
M.Sc	-	S. BOOMIGA	
M.Sc	-	C.NATHIYA	
M.Sc	-	R. SANDHIYA	
M.Sc	-	V.R. NAVEENKUMAR	
M.Sc	-	G. NOBIKA JOY	
M.Sc	-	S. AISHWARIYA	

CERTIFICATE

This is to certify that the dissertation entitled "**Removal of Fluoride content from Drinking water using the *Punica granatum* (Pomegranate) fruit peel powder**" Submitted in partial fulfilment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Mrs. P. Kirubanandhan, (BP180901)** during the period 2019 - 2020 of her study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for **Similarity index (Introduction, Results, discussion and conclusion) by Turnitin software.**



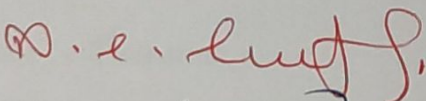
Signature of Head of the Department

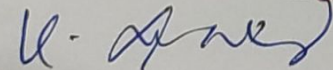


Signature of the Guide

Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601

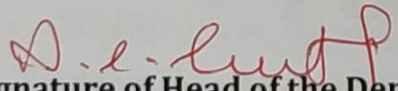
Examiners

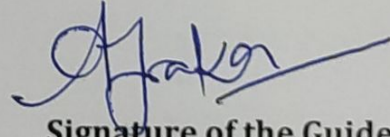
1. 

2. 

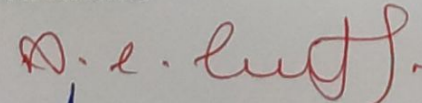
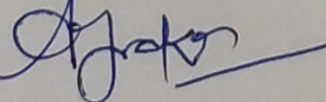
CERTIFICATE

This is to certify that the dissertation entitled "**PHYTOCHEMICAL ANALYSIS AND IN VITRO ANTICANCER ACTIVITY OF ENTEROMORPHA COMPRESSA AGAINST OVARIAN CANCER**" submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science** in **Biochemistry** is a record of bonafide research work carried out by **Ms. J. Mariya Jothi (Reg. No. BP180902)** during the period **2019-2020** of her study in the PG and Research Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, discussion and conclusion) by **Turnitin** software.


Signature of Head of the Department
Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.


Signature of the Guide
Dr. A. JAYAPRAKASH, M.Sc., M.Phil., Ph.D
Assistant Professor,
Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur-635 601 TPT.Dt.

EXAMINERS

1. 
2. 

CERTIFICATE

This is to certify that the dissertation entitled "**PHYTOCHEMICAL ANALYSIS AND IN VITRO ANTICANCER ACTIVITY OF ENTEROMORPHA COMPRESSA AGAINST OVARIAN CANCER**" submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Ms. J. Mariya Jothi (Reg. No. BP180902)** during the period **2019-2020** of her study in the PG and Research Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, discussion and conclusion) by **Turnitin** software.

Signature of Head of the Department

Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.

Signature of the Guide

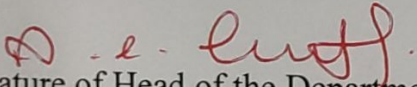
Dr. A. JAYAPRAKASH, M.Sc., M.Phil., Ph.D
Assistant Professor,
Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur-635 601 TPT.Dt.

EXAMINERS

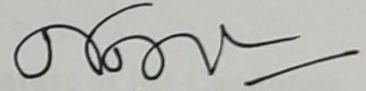
- 1.
- 2.

CERTIFICATE

This is to certify that the dissertation entitled “**Evaluation of Cerium Oxide Nanoparticles Using Punica granatum Peel Extract**” in partial fulfillment of the requirements for the award of the Degree of Master of Science in Biochemistry is a record of Bonafide research work carried out by **Mr. NAGARAJ.M (REG. NO: BP180903)** during the period 2019-2020 of his study in the PG and Research Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, discussion and conclusion) by Turnitin software.




Signature of Head of the Department

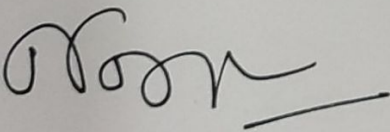


Signature of the Guide

Dr. I. NIYAS AHAMED, M.Sc., M.Phil., Ph.D.
Assistant Professor & Supervisor,
PG & Research Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur-635 601. Vellore Dist. (TN)

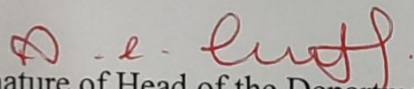
EXAMINERS

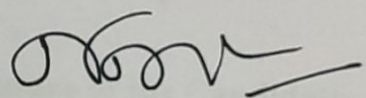
1. 

2. 

CERTIFICATE

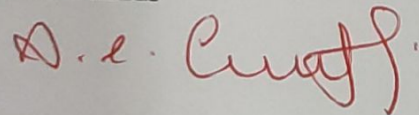
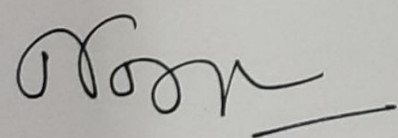
This is to certify that the dissertation entitled “**Evaluation of Cerium Oxide Nanoparticles Using *Punica granatum* Peel Extract**” in partial fulfillment of the requirements for the award of the Degree of Master of Science in Biochemistry is a record of Bonafide research work carried out by **Mr. NAGARAJ.M (REG. NO: BP180903)** during the period 2019-2020 of his study in the PG and Research Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, discussion and conclusion) by Turnitin software.


Signature of Head of the Department


Signature of the Guide

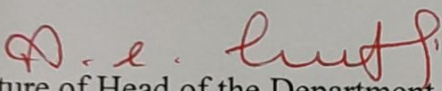
Dr. I. NIYAS AHAMED, M.Sc., M.Phil., Ph.D.
Assistant Professor & Supervisor,
PG & Research Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur-635 601. Vellore Dist. (TN)

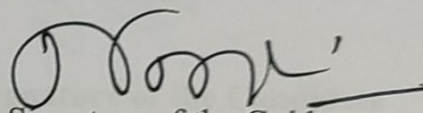
EXAMINERS

1. 
2. 

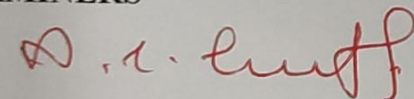
CERTIFICATE

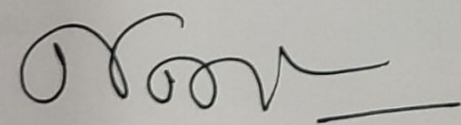
This is to certify that the dissertation entitled "**Evaluation of Cerium Oxide Nanoparticles Using *Punica granatum* Peel Extract**" in partial fulfillment of the requirements for the award of the Degree of Master of Science in Biochemistry is a record of Bonafide research work carried out by **Mr. NAGARAJ.M (REG. NO: BP180903)** during the period 2019-2020 of his study in the PG and Research Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, discussion and conclusion) by Turnitin software.


Signature of Head of the Department


Signature of the Guide

EXAMINERS

1. 

2. 

Dr. I. NIYAS AHAMED, M.Sc., M.Phil., Ph.D.
Assistant Professor & Supervisor,
PG & Research Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur-635 601. Vellore Dist. (TN)

CERTIFICATE

This is to certify that the dissertation entitled, "**COMPARATIVE STUDIES OF VITAMINS AND MINERALS PRESENT IN FRUITS AND INVITRO STUDIES OF ANTI-LITHOGENIC ACTIVITY**" submitted in partial fulfilment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Mr. T. VENGATESAN, Reg. No BP180904** during the period 2019 - 2020 of his study in the Department of Biochemistry at Sacred Heart College, (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University. Also, the project was submitted to **Similarity Index for Introduction, Results and Discussion and Conclusion using Turnitin Software.**

Signature of Head of the Department

Dr. A.C. Gornathi, M.Sc., M.Phil., B.Ed., Ph.D.,
PG Head,
PG & Research Department of Biochemistry,
Sacred Heart College (Autonomous),
Tirupattur, TPT. Dt. 635 601.

Signature of the Guide

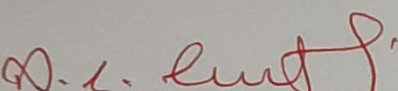
Dr. M. Fernandus Durai
M.Sc., M.Phil., B.Ed., Ph.D., CIC,
Asst. Professor,
Dept. of Biochemistry,
Sacred Heart College,
Tirupattur-635 601. Vellore Dt.

Examiners

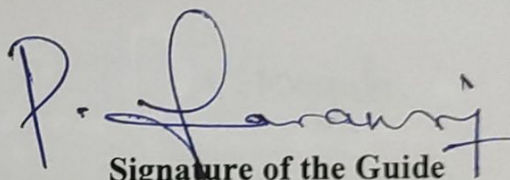
- 1.
- 2.

CERTIFICATE

This is to certify that the dissertation entitled, "ANTIBIOGRAM OF WILD AND ULTRAVIOLET RAYS MUTATED BACTERIAL PATHOGENS CAUSING NOSOCOMIAL INFECTION – A COMPARITIVE STUDY" submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Mrs. V. MEGALA, Reg. No. BP180905** during the period **2019 – 2020** of her study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, Discussion and Conclusion) by **Turnitin** Software.

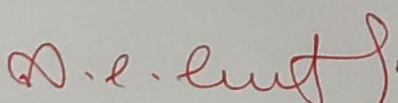
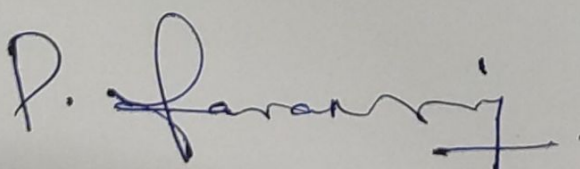

Signature of Head of the Department

Dr. A.C. Gomathi, M.Sc., M.Phil., B.Ed., Ph.D.,
PG. Head,
PG & Research Department of Biochemistry,
Sacred Heart College (Autonomous),
Tirupattur, TPT.Dt. 635 601.


Signature of the Guide

Dr. P. SARANRAJ, M.Sc., M.Phil., Ph.D., NET
HEAD
Department of Microbiology
Sacred Heart College (Autonomous)
Tirupattur-635 601 Vellore Di
Tamil Nadu, India.

Examiners

1. 
2. 

CERTIFICATE

This is to certify that the dissertation entitled "**PHYTOCHEMICAL EVALUATION AND ANTIBACTERIAL ACTIVITY OF *LIMONIA ACIDISSIMA* FRUIT SHELL**" Submitted in Partial fulfillment of the requirements for the award of the Degree of Master of Science in Biochemistry is a record of bonafide research work carried out by **Mr. K. VIDHYA** (Reg. No. **BP180906**) during the period **2018-2020** of her study in the PG and Research Department of Biochemistry at Sacred Heart College (Autonomous) Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, discussion and conclusion) by **Turnitin** software.

Signature of Head of the Department

Mrs. A.C. Goniathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.

Signature of the Guide

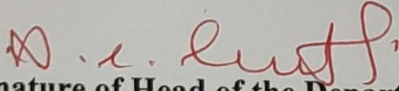
EXAMINERS

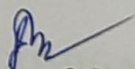
1.

2.

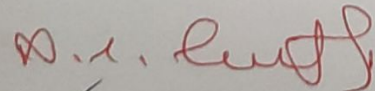
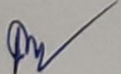
CERTIFICATE

This is to certify that the dissertation entitled "**PHYTOCHEMICAL SCREENING AND ANTIMICROBIAL ACTIVITY OF *Ziziphus Oenoplia* SEED EXTRACT**" Submitted in partial fulfilment of the requirements for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY** is a record of bonafide research work carried out by **Ms. S. BOOMIGA**, **Reg. No. BP180908** during the period 2019 - 2020 of her study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, discussion and conclusion) by **Turnitin** software.


Signature of Head of the Department
Mrs. A.C Gomathi, M.Sc.,M.Phil.,B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.


Signature of the Guide

Examiners

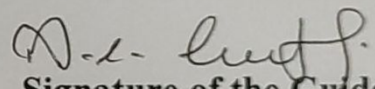
1. 
2. 

CERTIFICATE

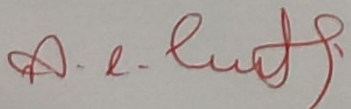
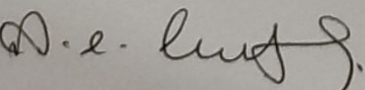
This to certify that the dissertation entitled **PHYTOCHEMICAL SCREENING OF AQUEOUS EXTRACT OF CRATEVA RELIGIOSA FRUIT PEEL AND ITS BIOLOGICAL APPLICATIONS** submitted in partial fulfillment of the requirements for the award of the Degree of **Master of science in Biochemistry** is a record of bonafide research work carried out by **Mr. S. KESAVAN, (BP180909)** during the period 2018-2020 of his study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship of other similar titles to any candidate in any University. Also, the project was subjected to **Similarity Index for Introduction, Result and Conclusion using Turnitin Software.**


Signature of the Head of the Department

Mrs. A.C Gomathi M.Sc.,M.Phil.,B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous),
Tirupattur, Vellore Dt. 635 601.

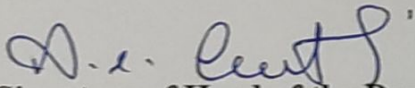

Signature of the Guide

Examiners

1. 
2. 

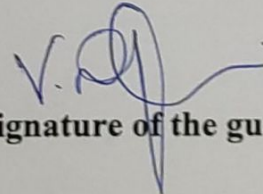
CERTIFICATE

This is to certify that the dissertation entitled, "*In-vitro* Phytoconstituents and Pharmacological Bio-efficacy Study on the Leaves of *Ficus benjamina*" submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Mr. M. MANO, Reg. No. BP180910** during the period 2019 – 2020 of his study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University.



Signature of Head of the Department

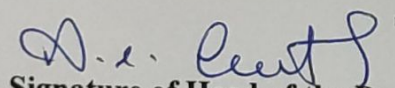
Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.



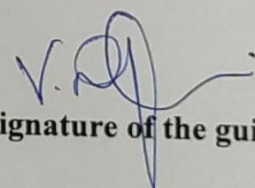
Signature of the guide

CERTIFICATE

This is to certify that the dissertation entitled, "*In-vitro* Phytoconstituents and Pharmacological Bio-efficacy Study on the Leaves of *Ficus benjamina*" submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Mr. M. MANO, Reg. No. BP180910** during the period 2019 – 2020 of his study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University.

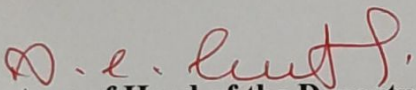

Signature of Head of the Department


Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.


Signature of the guide

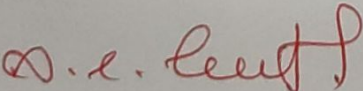
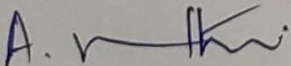
CERTIFICATE

This is to certify that the dissertation entitled, "**Phytochemical analysis and Antioxidant activity of different solvent extracts of *Leucas aspera* leaves**" submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Miss. C. Nathiya, Reg. No BP180911** during the period 2019 -2020 of her study in the PG and Research Department of Biochemistry at Sacred Heart College, (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University. Also, the project was submitted to **Similarity Index for Introduction, Results and Discussion and Conclusion using Turnitin Software.**


Signature of Head of the Department
Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.

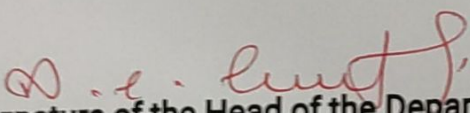

Signature of the Guide
Dr. A. POONGOTHAI, M.Sc., Ph.D.,
Assistant Professor,
Department of Bio-Chemistry,
Sacred Heart College (Autonomous)
Tirupattur, (Vlr.Dt.) - 635 601.

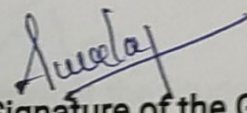
Examiners

1. 
2. 

CERTIFICATE

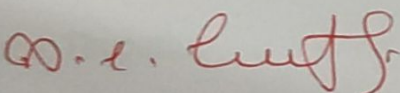
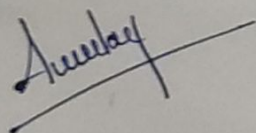
This is to certify that the dissertation entitled *IN- VITRO* CYTOTOXIC EFFECT AND PHYTOCHEMICAL CONSTITUENTS OF AQUEOUS METHANOL EXTRACT OF *HYGROPHILA AURICULATA* AGAINST CERVICAL CARCINOMA CELL LINE (HELA CELL LINE) submitted in partial fulfilment of the requirements for the award of the Degree of Master of Science in Biochemistry is a record of bonafide research work carried out by C.JAYENDERAN, Reg. No BP180912 during the period 2018 -2020 of his study in the Department of Biochemistry at Sacred Heart College, (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University. Also, the project was submitted to Similarity Index for Introduction, Results and Discussion and Conclusion using Turnitin Software.


Signature of the Head of the Department


Signature of the Guide

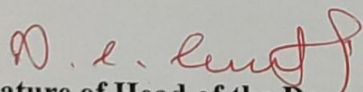
Mrs. A.C. Gomathi, M.Sc.,M.Phil.,B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601

Examiners

1. 
2. 

CERTIFICATE

This is to certify that the dissertation entitled “**PHYTOCONSTITUENT ANALYSIS AND IN-VITRO ANTIOXIDANT ACTIVITY OF ALBIZIA AMARA BARK AQUEOUS EXTRACT**” submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Ms. S. USHA NANDHINI, Reg. No. BP180913** during the period 2019 – 2020 of her study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for similarity index (Introduction, Results, Discussion and Conclusion) by **Turnitin** software.

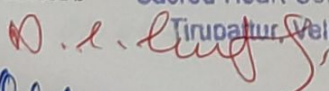


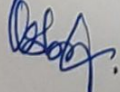
Signature of Head of the Department

Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.

PG. Head, Department of Biochemistry,

Examiners Sacred Heart College (Autonomous)

1.  Tirupattur, Vellore Dt. 635 601

2. 



Signature of the Guide

Dr. V. Gopalakrishnan, M.Sc., M.Phil., Ph.D.,

Assistant Professor,

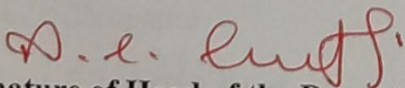
Department of Biochemistry,

Sacred Heart College (Autonomous)

Tirupattur-635 601.

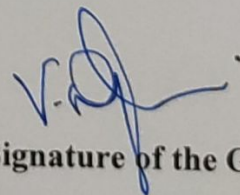
CERTIFICATE

This is to certify that the dissertation entitled, "**Enhancement of Morphobiochemical characters accelerated by Biopriming in Blackgram and Greengram**" submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Miss. R. SANDHIYA, Reg. No. BP180914** during the period 2018 – 2020 of her study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, or other similar titles to any candidate in any University.



Signature of Head of the Department

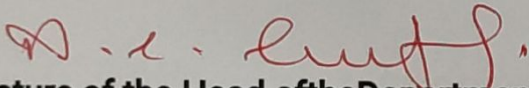
Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.



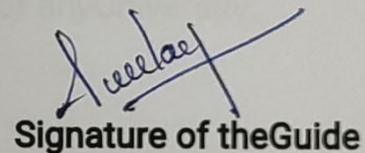
Signature of the Guide

CERTIFICATE

This to certify that the dissertation titled **NEWLY FORMULATED ALLICIN RICH PHYTO-MOSQUITO REPELLENT** submitted in partial fulfillment of the requirements for the award of the Degree of **Master of science in Biochemistry** is a record of bonafide research work carried out by **Mr. V.R.Naveenkumar (BP180915)** during the period 2019-2020 of his study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship of other similar titles to any candidate in any University. Also, the project was subjected to **Similarity Index for Introduction, Result and Conclusion using TurnitinSoftware.**



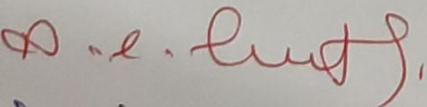
Signature of the Head of the Department

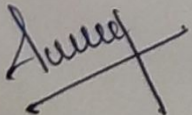


Signature of the Guide

Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601

Examiners

1. 

2. 

CERTIFICATE

This is to certify that the dissertation entitled "**BIOSYNTHESIS AND CHARACTERISATION OF MOLYBDENUM NANOPARTICLES USING WOOD APPLE SHELL EXTRACT AND ITS ANTIBACTERIAL ACTIVITY**" submitted in partial fulfillment of the requirements for the award of the **Degree of Master of Science in Biochemistry** is a record of bonafide research work carried out by **Ms. G. NOBIKA JOY (Reg. No. BP180916)** during the period **2018-2020** of her study in the PG and Research Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, discussion and conclusion) by **Turnitin** software.

Signature of Head of the Department

**Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.**

Signature of the Guide

EXAMINERS

1.

2.

CERTIFICATE

This is to certify that the dissertation entitled, “**Phytochemical screening, Antioxidant and Antibacterial activity of *Gloriosa superba* flowers**” submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Miss. S. Aishwariya, Reg. No BP180917** during the period 2019 -2020 of her study in the PG and Research Department of Biochemistry at Sacred Heart College, (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University. Also, the project was submitted to **Similarity Index for Introduction, Results and Discussion and Conclusion using Turnitin Software.**

Signature of Head of the Department

**Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.**

Signature of the Guide

**Dr. A. POONGOTHAI, M.Sc., Ph.D.,
Assistant Professor,
Department of Bio-Chemistry,
Sacred Heart College (Autonomous)
Tirupattur, (Vlr.Dt.) - 635 601.**

Examiners

- 1.
- 2.

CERTIFICATE

This is to certify that the dissertation entitled, “**COMPARATIVE STUDIES OF VITAMINS AND MINERALS PRESENT IN VEGETABLES AND *IN-VITRO* STUDIES OF ANTI-LITHOGENIC ACTIVITY**” submitted in partial fulfilment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Mr. A. AZHARUDHIN, Reg. No BP180918** during the period 2019 -2020 of his study in the Department of Biochemistry at Sacred Heart College, (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University. Also, the project was submitted to **Similarity Index for Introduction, Results and Discussion and Conclusion using Turnitin Software.**

Signature of Head of the Department

Dr. A.C. Gomathi, M.Sc.,M.Phil.,B.Ed.,Ph.D.,
PG. Head,
PG & Research Department of Biochemistry,
Sacred Heart College (Autonomous),
Tirupattur, TPT.Dt. 635 601.

Signature of the Guide

Dr. M. Fernandus Durai
M.Sc.,M.Phil.,B.Ed.,Ph.D.,CIC,
Asst. Professor,
Dept. of Biochemistry,
Sacred Heart College,
Tirupattur-635 601. Vellore Dt.

Examiners

- 1.
- 2.

PG BIOCHEMISTRY-2019 - 2020

Project report

Programme name	Programme Code	Name of students undertaking field projects /internships/student projects	Link to the relevant document
M.Sc	BC02	P. KIRUBANANDHAN	
M.Sc	BC02	J. MARIYA JOTHI	
M.Sc	BC02	M.NAGARAJ	
M.Sc	BC02	T. VENGATESAN	
M.Sc	BC02	V.MEGALA	
M.Sc	BC02	K. VIDHYA	
M.Sc	BC02	S. BOOMIGA	
M.Sc	BC02	S. KESAVAN	
M.Sc	BC02	M.MANO	
M.Sc	BC02	C.NATHIYA	
M.Sc	BC02	C. JAYENDERAN	
M.Sc	BC02	S. USHA NANDHINI	
M.Sc	BC02	R. SANDHIYA	
M.Sc	BC02	V.R. NAVEENKUMAR	
M.Sc	BC02	G. NOBIKA JOY	
M.Sc	BC02	S. AISHWARIYA	
M.Sc	BC02	A. AZHARUDHIN	

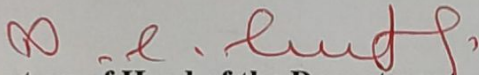
PG BIOCHEMISTRY-2019 - 2020

Project report

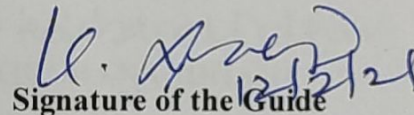
Programme name	Programme Code	Name of students undertaking field projects /internships/student projects	Link to the relevant document
M.Sc	BC02	P. KIRUBANANDHAN	
M.Sc	BC02	J. MARIYA JOTHI	
M.Sc	BC02	M.NAGARAJ	
M.Sc	BC02	T. VENGATESAN	
M.Sc	BC02	V.MEGALA	
M.Sc	BC02	K. VIDHYA	
M.Sc	BC02	S. BOOMIGA	
M.Sc	BC02	S. KESAVAN	
M.Sc	BC02	M.MANO	
M.Sc	BC02	C.NATHIYA	
M.Sc	BC02	C. JAYENDERAN	
M.Sc	BC02	S. USHA NANDHINI	
M.Sc	BC02	R. SANDHIYA	
M.Sc	BC02	V.R. NAVEENKUMAR	
M.Sc	BC02	G. NOBIKA JOY	
M.Sc	BC02	S. AISHWARIYA	
M.Sc	BC02	A. AZHARUDHIN	

CERTIFICATE

This is to certify that the dissertation entitled “**Removal of Fluoride content from Drinking water using the *Punica granatum* (Pomegranate) fruit peel powder**” Submitted in partial fulfilment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Mrs. P. Kirubanandhan, (BP180901)** during the period 2019 - 2020 of her study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for **Similarity index (Introduction, Results, discussion and conclusion) by Turnitin software.**



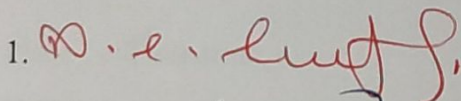
Signature of Head of the Department



Signature of the Guide

Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601

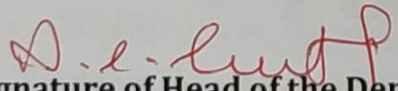
Examiners

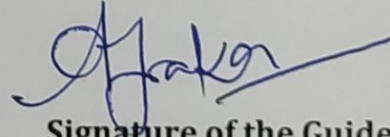
1. 

2. 

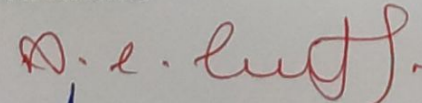
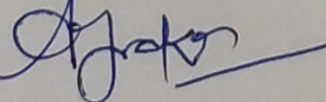
CERTIFICATE

This is to certify that the dissertation entitled "**PHYTOCHEMICAL ANALYSIS AND IN VITRO ANTICANCER ACTIVITY OF ENTEROMORPHA COMPRESSA AGAINST OVARIAN CANCER**" submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science** in **Biochemistry** is a record of bonafide research work carried out by **Ms. J. Mariya Jothi (Reg. No. BP180902)** during the period **2019-2020** of her study in the PG and Research Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, discussion and conclusion) by **Turnitin** software.


Signature of Head of the Department
Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.

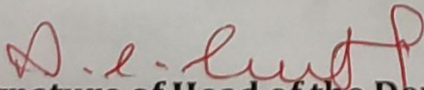

Signature of the Guide
Dr. A. JAYAPRAKASH, M.Sc., M.Phil., Ph.D
Assistant Professor,
Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur-635 601 TPT.Dt.

EXAMINERS

1. 
2. 

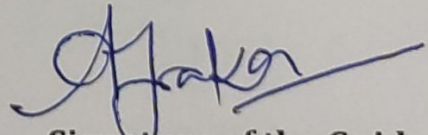
CERTIFICATE

This is to certify that the dissertation entitled "**PHYTOCHEMICAL ANALYSIS AND IN VITRO ANTICANCER ACTIVITY OF ENTEROMORPHA COMPRESSA AGAINST OVARIAN CANCER**" submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Ms. J. Mariya Jothi (Reg. No. BP180902)** during the period **2019-2020** of her study in the PG and Research Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, discussion and conclusion) by **Turnitin** software.



Signature of Head of the Department

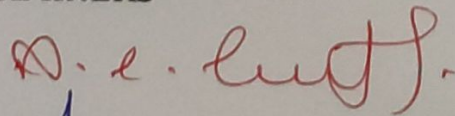
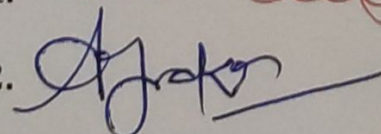
Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.



Signature of the Guide

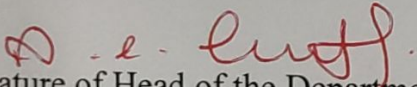
Dr. A. JAYAPRAKASH, M.Sc., M.Phil., Ph.D
Assistant Professor,
Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur-635 601 TPT.Dt.

EXAMINERS

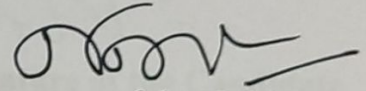
1. 
2. 

CERTIFICATE

This is to certify that the dissertation entitled “**Evaluation of Cerium Oxide Nanoparticles Using Punica granatum Peel Extract**” in partial fulfillment of the requirements for the award of the Degree of Master of Science in Biochemistry is a record of Bonafide research work carried out by **Mr. NAGARAJ.M (REG. NO: BP180903)** during the period 2019-2020 of his study in the PG and Research Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, discussion and conclusion) by Turnitin software.




Signature of Head of the Department

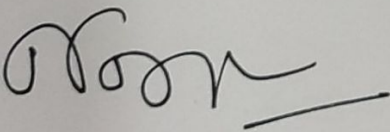


Signature of the Guide

Dr. I. NIYAS AHAMED, M.Sc., M.Phil., Ph.D.
Assistant Professor & Supervisor,
PG & Research Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur-635 601. Vellore Dist. (TN)

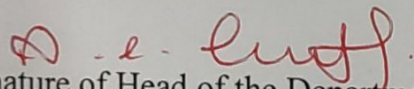
EXAMINERS

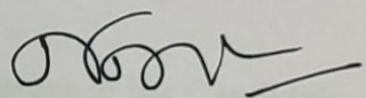
1. 

2. 

CERTIFICATE

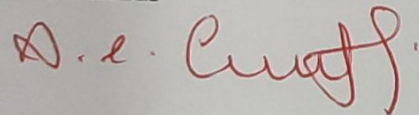
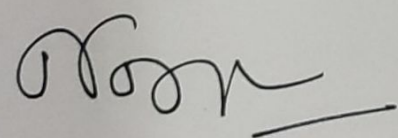
This is to certify that the dissertation entitled “**Evaluation of Cerium Oxide Nanoparticles Using *Punica granatum* Peel Extract**” in partial fulfillment of the requirements for the award of the Degree of Master of Science in Biochemistry is a record of Bonafide research work carried out by **Mr. NAGARAJ.M (REG. NO: BP180903)** during the period 2019-2020 of his study in the PG and Research Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, discussion and conclusion) by Turnitin software.


Signature of Head of the Department


Signature of the Guide

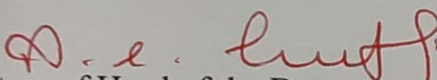
Dr. I. NIYAS AHAMED, M.Sc., M.Phil., Ph.D.
Assistant Professor & Supervisor,
PG & Research Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur-635 601. Vellore Dist. (TN)

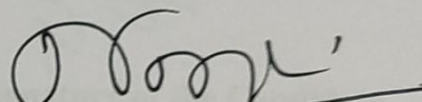
EXAMINERS

1. 
2. 

CERTIFICATE

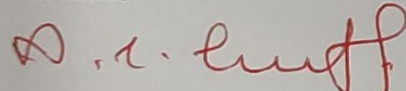
This is to certify that the dissertation entitled "**Evaluation of Cerium Oxide Nanoparticles Using *Punica granatum* Peel Extract**" in partial fulfillment of the requirements for the award of the Degree of Master of Science in Biochemistry is a record of Bonafide research work carried out by **Mr. NAGARAJ.M (REG. NO: BP180903)** during the period 2019-2020 of his study in the PG and Research Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, discussion and conclusion) by Turnitin software.

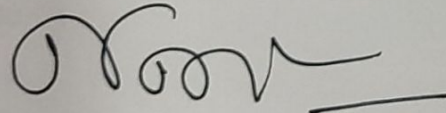

Signature of Head of the Department


Signature of the Guide

Dr. I. NIYAS AHAMED, M.Sc., M.Phil., Ph.D.
Assistant Professor & Supervisor,
PG & Research Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur-635 601. Vellore Dist. (TN)

EXAMINERS

1. 

2. 

CERTIFICATE

This is to certify that the dissertation entitled, "**COMPARATIVE STUDIES OF VITAMINS AND MINERALS PRESENT IN FRUITS AND INVITRO STUDIES OF ANTI-LITHOGENIC ACTIVITY**" submitted in partial fulfilment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Mr. T. VENGATESAN, Reg. No BP180904** during the period 2019 - 2020 of his study in the Department of Biochemistry at Sacred Heart College, (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University. Also, the project was submitted to **Similarity Index for Introduction, Results and Discussion and Conclusion using Turnitin Software.**

Signature of Head of the Department

Dr. A.C. Gornathi, M.Sc., M.Phil., B.Ed., Ph.D.,
PG Head,
PG & Research Department of Biochemistry,
Sacred Heart College (Autonomous),
Tirupattur, T.P.T. Dt. 635 601.

Signature of the Guide

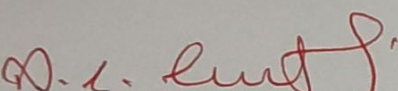
Dr. M. Fernandus Durai
M.Sc., M.Phil., B.Ed., Ph.D., CIC,
Asst. Professor,
Dept. of Biochemistry,
Sacred Heart College,
Tirupattur-635 601. Vellore Dt.

Examiners

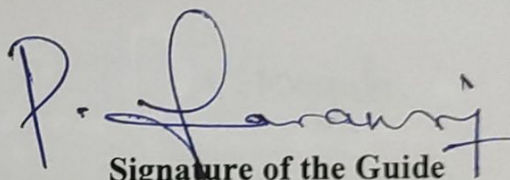
- 1.
- 2.

CERTIFICATE

This is to certify that the dissertation entitled, "ANTIBIOGRAM OF WILD AND ULTRAVIOLET RAYS MUTATED BACTERIAL PATHOGENS CAUSING NOSOCOMIAL INFECTION – A COMPARITIVE STUDY" submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Mrs. V. MEGALA, Reg. No. BP180905** during the period **2019 – 2020** of her study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, Discussion and Conclusion) by **Turnitin** Software.

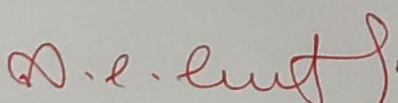
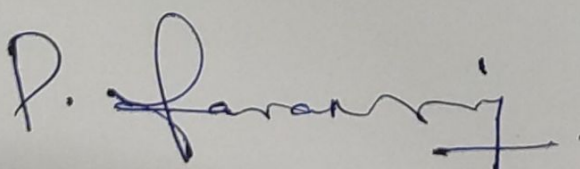

Signature of Head of the Department

Dr. A.C. Gomathi, M.Sc., M.Phil., B.Ed., Ph.D.,
PG. Head,
PG & Research Department of Biochemistry,
Sacred Heart College (Autonomous),
Tirupattur, TPT.Dt. 635 601.


Signature of the Guide

Dr. P. SARANRAJ, M.Sc., M.Phil., Ph.D., NET
HEAD
Department of Microbiology
Sacred Heart College (Autonomous)
Tirupattur-635 601 Vellore Di
Tamil Nadu, India.

Examiners

1. 
2. 

CERTIFICATE

This is to certify that the dissertation entitled "**PHYTOCHEMICAL EVALUATION AND ANTIBACTERIAL ACTIVITY OF *LIMONIA ACIDISSIMA* FRUIT SHELL**" Submitted in Partial fulfillment of the requirements for the award of the Degree of Master of Science in Biochemistry is a record of bonafide research work carried out by **Mr. K. VIDHYA** (Reg. No. **BP180906**) during the period **2018-2020** of her study in the PG and Research Department of Biochemistry at Sacred Heart College (Autonomous) Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, discussion and conclusion) by **Turnitin** software.

Signature of Head of the Department

Mrs. A.C. Goniathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.

Signature of the Guide

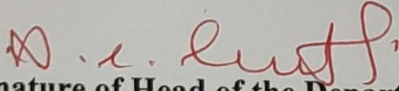
EXAMINERS

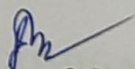
1.

2.

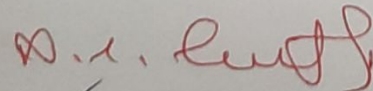
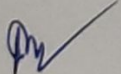
CERTIFICATE

This is to certify that the dissertation entitled "**PHYTOCHEMICAL SCREENING AND ANTIMICROBIAL ACTIVITY OF *Ziziphus Oenoplia* SEED EXTRACT**" Submitted in partial fulfilment of the requirements for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY** is a record of bonafide research work carried out by **Ms. S. BOOMIGA**, **Reg. No. BP180908** during the period 2019 - 2020 of her study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, discussion and conclusion) by **Turnitin** software.


Signature of Head of the Department
Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.


Signature of the Guide

Examiners

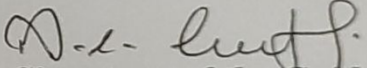
1. 
2. 

CERTIFICATE

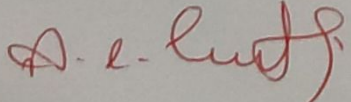
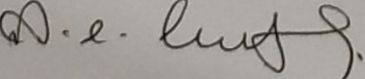
This to certify that the dissertation entitled **PHYTOCHEMICAL SCREENING OF AQUEOUS EXTRACT OF CRATEVA RELIGIOSA FRUIT PEEL AND ITS BIOLOGICAL APPLICATIONS** submitted in partial fulfillment of the requirements for the award of the Degree of **Master of science in Biochemistry** is a record of bonafide research work carried out by **Mr. S. KESAVAN, (BP180909)** during the period 2018-2020 of his study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship of other similar titles to any candidate in any University. Also, the project was subjected to **Similarity Index for Introduction, Result and Conclusion using Turnitin Software.**


Signature of the Head of the Department

Mrs. A.C. Gomathi M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous),
Tirupattur, Vellore Dt. 635 601.

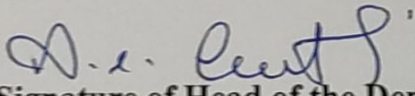

Signature of the Guide

Examiners

1. 
2. 

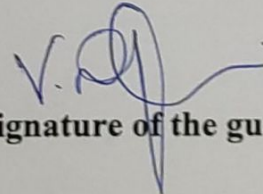
CERTIFICATE

This is to certify that the dissertation entitled, "*In-vitro* Phytoconstituents and Pharmacological Bio-efficacy Study on the Leaves of *Ficus benjamina*" submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Mr. M. MANO, Reg. No. BP180910** during the period 2019 – 2020 of his study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University.



Signature of Head of the Department

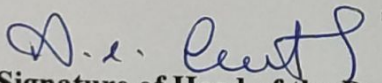
Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.



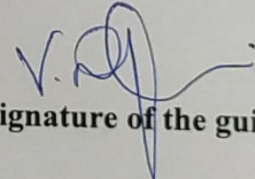
Signature of the guide

CERTIFICATE

This is to certify that the dissertation entitled, "*In-vitro* Phytoconstituents and Pharmacological Bio-efficacy Study on the Leaves of *Ficus benjamina*" submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Mr. M. MANO, Reg. No. BP180910** during the period 2019 – 2020 of his study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University.

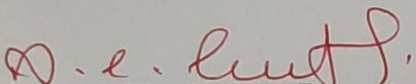

Signature of Head of the Department


Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.


Signature of the guide

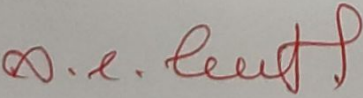
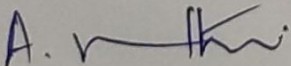
CERTIFICATE

This is to certify that the dissertation entitled, "**Phytochemical analysis and Antioxidant activity of different solvent extracts of *Leucas aspera* leaves**" submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Miss. C. Nathiya, Reg. No BP180911** during the period 2019 -2020 of her study in the PG and Research Department of Biochemistry at Sacred Heart College, (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University. Also, the project was submitted to **Similarity Index for Introduction, Results and Discussion and Conclusion using Turnitin Software.**


Signature of Head of the Department
Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.

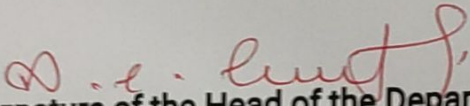

Signature of the Guide
Dr. A. POONGOTHAI, M.Sc., Ph.D.,
Assistant Professor,
Department of Bio-Chemistry,
Sacred Heart College (Autonomous)
Tirupattur, (Vlr.Dt.) - 635 601.

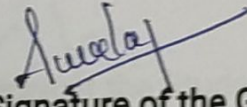
Examiners

1. 
2. 

CERTIFICATE

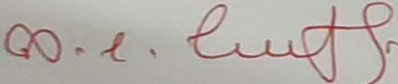
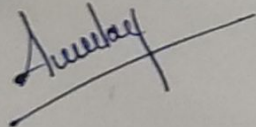
This is to certify that the dissertation entitled *IN- VITRO* CYTOTOXIC EFFECT AND PHYTOCHEMICAL CONSTITUENTS OF AQUEOUS METHANOL EXTRACT OF *HYGROPHILA AURICULATA* AGAINST CERVICAL CARCINOMA CELL LINE (HELA CELL LINE) submitted in partial fulfilment of the requirements for the award of the Degree of Master of Science in Biochemistry is a record of bonafide research work carried out by C.JAYENDERAN, Reg. No BP180912 during the period 2018 -2020 of his study in the Department of Biochemistry at Sacred Heart College, (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University. Also, the project was submitted to Similarity Index for Introduction, Results and Discussion and Conclusion using Turnitin Software.


Signature of the Head of the Department


Signature of the Guide

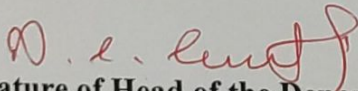
Mrs. A.C. Gomathi, M.Sc.,M.Phil.,B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601

Examiners

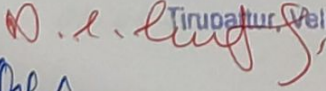
1. 
2. 

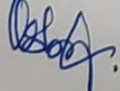
CERTIFICATE

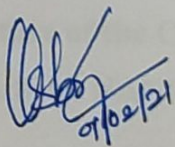
This is to certify that the dissertation entitled “**PHYTOCONSTITUENT ANALYSIS AND IN-VITRO ANTIOXIDANT ACTIVITY OF ALBIZIA AMARA BARK AQUEOUS EXTRACT**” submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Ms. S. USHA NANDHINI, Reg. No. BP180913** during the period 2019 – 2020 of her study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for similarity index (Introduction, Results, Discussion and Conclusion) by **Turnitin** software.


Signature of Head of the Department
Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.
PG. Head, Department of Biochemistry,

Examiners Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601

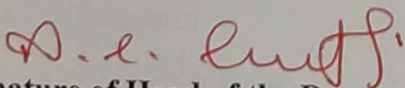
1. 

2. 


Signature of the Guide
Dr. V. Gopalakrishnan, M.Sc., M.Phil., Ph.D.,
Assistant Professor,
Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur-635 601.

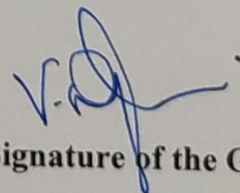
CERTIFICATE

This is to certify that the dissertation entitled, "**Enhancement of Morphobiochemical characters accelerated by Biopriming in Blackgram and Greengram**" submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Miss. R. SANDHIYA, Reg. No. BP180914** during the period 2018 – 2020 of her study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, or other similar titles to any candidate in any University.



Signature of Head of the Department

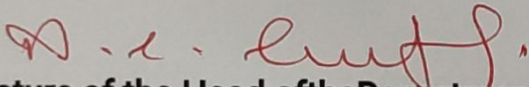
Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.



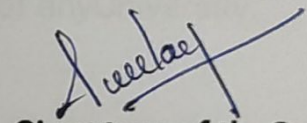
Signature of the Guide

CERTIFICATE

This to certify that the dissertation titled **NEWLY FORMULATED ALLICIN RICH PHYTO-MOSQUITO REPELLENT** submitted in partial fulfillment of the requirements for the award of the Degree of **Master of science in Biochemistry** is a record of bonafide research work carried out by **Mr. V.R.Naveenkumar (BP180915)** during the period 2019-2020 of his study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship of other similar titles to any candidate in any University. Also, the project was subjected to **Similarity Index for Introduction, Result and Conclusion using TurnitinSoftware.**



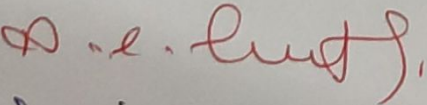
Signature of the Head of the Department

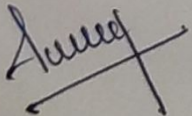


Signature of the Guide

Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601

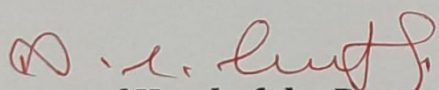
Examiners

1. 

2. 

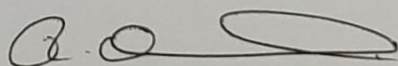
CERTIFICATE

This is to certify that the dissertation entitled "**BIOSYNTHESIS AND CHARACTERISATION OF MOLYBDENUM NANOPARTICLES USING WOOD APPLE SHELL EXTRACT AND ITS ANTIBACTERIAL ACTIVITY**" submitted in partial fulfillment of the requirements for the award of the **Degree of Master of Science in Biochemistry** is a record of bonafide research work carried out by **Ms. G. NOBIKA JOY (Reg. No. BP180916)** during the period **2018-2020** of her study in the PG and Research Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, discussion and conclusion) by **Turnitin** software.



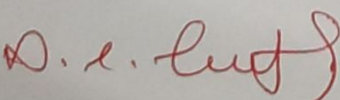
Signature of Head of the Department

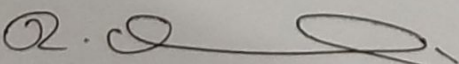
**Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.**



Signature of the Guide

EXAMINERS

1. 

2. 

CERTIFICATE

This is to certify that the dissertation entitled, "**Phytochemical screening, Antioxidant and Antibacterial activity of *Gloriosa superba* flowers**" submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Miss. S. Aishwariya, Reg. No BP180917** during the period 2019 -2020 of her study in the PG and Research Department of Biochemistry at Sacred Heart College, (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University. Also, the project was submitted to **Similarity Index for Introduction, Results and Discussion and Conclusion using Turnitin Software.**

Signature of Head of the Department

**Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.**

Signature of the Guide

**Dr. A. POONGOTHAI, M.Sc., Ph.D.,
Assistant Professor,
Department of Bio-Chemistry,
Sacred Heart College (Autonomous)
Tirupattur, (Vlr.Dt.) - 635 601.**

Examiners

- 1.
- 2.

CERTIFICATE

This is to certify that the dissertation entitled, “**COMPARATIVE STUDIES OF VITAMINS AND MINERALS PRESENT IN VEGETABLES AND *IN-VITRO* STUDIES OF ANTI-LITHOGENIC ACTIVITY**” submitted in partial fulfilment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Mr. A. AZHARUDHIN, Reg. No BP180918** during the period 2019 -2020 of his study in the Department of Biochemistry at Sacred Heart College, (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University. Also, the project was submitted to **Similarity Index for Introduction, Results and Discussion and Conclusion using Turnitin Software.**

Signature of Head of the Department

Dr. A.C. Gomathi, M.Sc.,M.Phil.,B.Ed.,Ph.D.,
PG. Head,
PG & Research Department of Biochemistry,
Sacred Heart College (Autonomous),
Tirupattur, TPT.Dt. 635 601.

Signature of the Guide

Dr. M. Fernandus Durai
M.Sc.,M.Phil.,B.Ed.,Ph.D.,CIC,
Asst. Professor,
Dept. of Biochemistry,
Sacred Heart College,
Tirupattur-635 601. Vellore Dt.

Examiners

- 1.
- 2.