

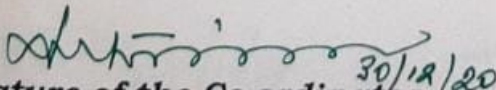
Dr.K.JAYASEELAN, M.Sc., M.Phil., Ph.D.,
Assistant Professor
P.G. and Research Department of Zoology,
A.V.V.M. Sri Pushpam College (Autonomous),
Poondi, Thanjavur (Dt.) – 613 503.

Date: 30.12.20

CERTIFICATE

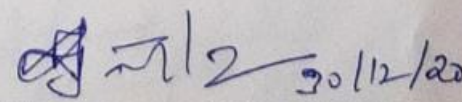
This is to certify that the dissertation entitled **"EFFECT OF ETHANOLIC LEAVES EXTRACT OF *Avicennia officinalis* AGAINST ALCOHOL-INDUCED LIVER TOXICITY IN RATS"** is a bonafide record of research work done by **R.NAGAJOTHI, M.Sc., M.Ed., Reg.No:18ZOA754** submitted to **A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS), POONDI** in partial fulfilment of the requirements for the award of the degree of **MASTER OF PHILOSOPHY IN ZOOLOGY (Part-Time)** during the year 2018-2020 in the Department of Zoology and Biotechnology under my guidance and supervision and the dissertation has not previously formed the basis for the award of any degree, diploma, associateship, fellowship or any other similar title.

I further certify that the paper presentation represents independent work on the part of the candidate.


Signature of the Co-ordinator

Dr. P. Natarajan.

Coordinator,
Dept. of Bio-Technology,
A.V.V.M. Sri Pushpam College (Autonomous),
POONDI - 613 503, Thanjavur (Dt).


Signature of the Guide



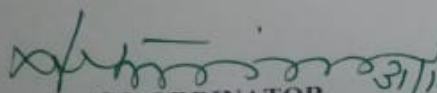
**A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS),
POONDI-613 503, THANJAVUR**

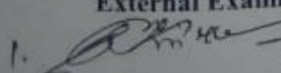
**PG & RESEARCH DEPARTMENT
ZOOLOGY WITH BIOTECHNOLOGY**

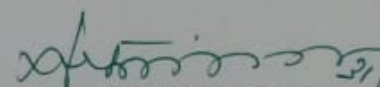
Date: 31.12.2020

Certificate

This is to certify that the dissertation entitled “ISOLATION AND SCREENING OF LACTIC ACID BACTERIA FROM GASTRO-INTESTINAL TRACTS OF FISH *Labeo rohita* (Hamilton. 1822)” is a bonafied record of work done by **L.PRAKASH (Reg.No. 18ZOA703)**, Part-Time submitted to A.V.V.M. Sri Pushpam. College, (Autonomous), Poondi, Thanjavur in partial fulfillment of the requirements for the award of the degree of **MASTER OF PHILOSOPHY IN ZOOLOGY**, P.G & Research Department of Zoology and Biotechnology under my guidance and supervision and the dissertation has not previously formed the basis for the award of any degree, diploma, associate ship, fellowship or any other similar titles.


CO-ORDINATOR 31/12/20
Dr. P. Natarajan.
Co-ordinator,
Dept. of Zoology & Bio-Technology,
A.V.V.M. Sri Pushpam College (Autonomous),
POONDI - 613 503, Thanjavur (Dt).
External Examiner

1.  23/11/2021

 31/12/20
RESEARCH GUIDE
Dr. P. Natarajan.
Co-ordinator,
Dept. of Zoology & Bio-Technology,
A.V.V.M. Sri Pushpam College (Autonomous),
POONDI - 613 503, Thanjavur (Dt).
Internal Examiner

 23/11/2021

P.G AND RESEARCH DEPARTMENT OF ZOOLOGY AND BIOTECHNOLOGY

A.V.V.M SRI PUSHPAM COLLEGE (AUTONOMOUS)

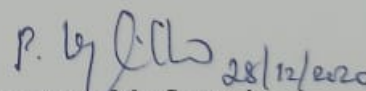
POONDI - 613 503, THANJAVUR DISTRICT.

Certificate

This is to certify that the dissertation entitled "NUTRIENT ANALYSIS OF VERMICOMPOST PREPARED FROM PRESSMUD SLUDGE MIXED WITH COW DUNG" submitted for the Degree of Master of Philosophy in Zoology by Ms. R. SANKARI THENMOZHI (Reg. No. 18ZOA751) is the record of research work carried out by her under my guidance and supervision and the dissertation has not previously formed for the award of any degree, diploma, associateship, fellowship or other similar titles in this University or any other University or institution.

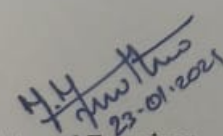

Signature of the Co-ordinator 28/12/20

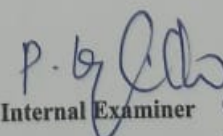
Dr. P. Natarajan,
Co-ordinator,
Dept. of Zoology & Bio-Technology,
A.V.V.M. Sri Pushpam College (Autonomous),
POONDI - 613 503, Thanjavur (Dt).


Signature of the Supervisor 28/12/2020

(Dr.P. KAVITHA)

Signature of the Examiners


1. External Examiner 23-01-2021


2. Internal Examiner 23/1/2021



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A.V.V.M SRI PUSHPAM COLLEGE (AUTONOMOUS)
[Affiliated to Bharathidasan University, Tiruchirappalli]
POONDI-613 503, THANJAVUR DISTRICT,
TAMIL NADU, INDIA.

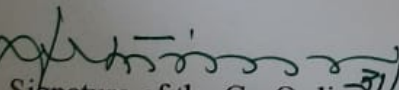
Dr.R.PRAGASHRAJ,
Assistant Professor

Date : 31/12/2020

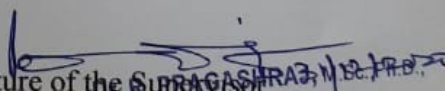
CERTIFICATE

This is to certify that the dissertation entitled, "EFFECT OF FEED FORMULATION ON LENGTH-WEIGHT RELATIONSHIP OF *CIRRHINUS REBA* (HAMILTON 1822)" is a bonafide record of research work done by SUSEELA RAJESHWARI (Reg.No.18 ZoA752) submitted to A.V.V.M. Sri Pushpam College (Autonomous), Poondi, in partial fulfilment of the requirements for the award of the degree of **MASTER OF PHILOSOPHY IN ZOOLOGY** during the year 2018-2020 in the Department of Zoology, under my guidance and supervision. The dissertation has not previously formed the basis for the award to the candidate of any degree, diploma, associateship, fellowship or any other similar titles.

I further certify that the dissertation represents independent work on the part of the candidate.

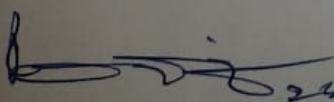

Signature of the Co-Ordinator

Dr. P. Natarajan.
Co-ordinator,
Dept. of Zoology & Bio-Technology,
A.V.V.M. Sri Pushpam College (Autonomous),
ROONDI - 613 503, Thanjavur (Dt).

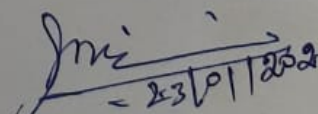

Signature of the Assistant Professor

Dr. R. Pragashraj, M.Sc., M.Ed.,
Assistant Professor,
Dept. of Zoology & Biotechnology,
A.V.V.M. Sri Pushpam College (Autonomous)
Poondi-613503. Cell: 99407 58973

EXAMINERS:

1. 
23/01/2021

2.

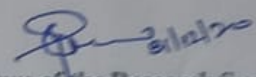

23/01/2021
Dr. S. SIVASURIYAN, M.Sc., M.Phil., B.Ed., Ph.D.,
Asst. Professor of Zoology,
PG & Research Department of Zoology,
Rajah Serfoji Government College (Autonomous),
Thanjavur - 613005, Tamil Nadu, India.

Date: 31/12/2020

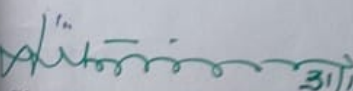
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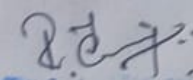
This is to certify that the dissertation entitled **GROWTH PERFORMANCE OF LAB-REARED PACIFIC WHITE SHRIMP, LITOPENAEUS VANNAMEI (BOONE, 1931) SUPPLEMENTED WITH DIFFERENT FRESH FEEDS** is a bonafide record of research work done by **R. CHINNAMATHAN** (Roll No: 18ZOA702 -Part-Time) submitted to A.V.V.M. Sri Pushpam College (Autonomous), Poondi, in partial fulfillment of the requirements for the award of the degree of **MASTER OF PHILOSOPHY IN ZOOLOGY** during the year 2018-2020 in the Department of Zoology and Biotechnology, under my guidance and supervision. The dissertation has not previously formed the basis for the award to the certificate of any other Degree, Diploma, Associateship, Fellowship or other similar titles.

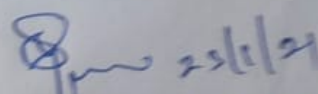
I further certify that the dissertation represents independent work on the part of the candidate.


Signature of the Research Supervisor
(Dr. S. VIJAYAKUMAR)

Dr.S.VIJAYAKUMAR
ASSISTANT PROFESSOR
PG & Research Dept. of Zoology
A.V.V.M. Sri Pushpam College
(Autonomous)
Poondi- 613 503, Thanjavur (Dt).


Signature of the Co-ordinator
Dr. P. Natarajan
Co-ordinator,
Dept. of Zoology & Bio-Technology,
A.V.V.M. Sri Pushpam College (Autonomous),
POONDI - 613 503, Thanjavur (Dt).


Dr. R. JENNI, M.Sc.M.Phil.Ph.D.,
Assistant Professor of Zoology,
M.R. Govt. Arts College,
MANNARGUDI - 614 001.

2. 
Dr.S.VIJAYAKUMAR
ASSISTANT PROFESSOR
PG & Research Dept. Of Zoology
A.V.V.M. Sri pushpam college (Autonomous)
Poondi - 613 503, Thanjavur - Dt.



P.G. AND RESEARCH DEPARTMENT OF ZOOLOGY
A.V.V.M SRIPUSHPAM COLLEGE (AUTONOMOUS)
(Affiliated to Bharathidasan University, Tiruchirappalli)
Poondi-613503, Thanjavur District Tamil Nadu, INDIA

Dr. K. Asokan

Associate Professor

CERTIFICATE

This is to certify that the thesis entitled **"PROXIMATE COMPOSITION AND ANTIMICROBIAL PROPERTIES OF *Catla catla* (F. Hamilton)"** submitted to A.V.V.M. Sri Pushpam College (Autonomous), Poondi for the award of the degree of **Master of Philosophy in Zoology** embodies the result of the bonafide research work carried out by **ANBAZHAGAN V (Reg. No: 18ZOA701, Part - time)**, under my guidance and supervision in the P.G. and Research Department of Zoology, A.V.V.M. Sri Pushpam College (Autonomous), Poondi, Thanjavur district, Tamil Nadu, India. I further certify that no part of the thesis has been submitted anywhere else for the award of any degree, diploma, associated, fellowship or other similar titles to any candidate.

Signature of the supervisor

Signature of external examiners:

1. 23/1/21,

2. 23/1/2021

18-1-2021
for Signature of Co-Ordinator
Dr. P. Natarajan.
Co-ordinator,
Dept. of Zoology & Bio-Technology,
A.V.V.M. Sri Pushpam College (Autonomous),
POONDI - 613 503, Thanjavur (Dt).

Date : 31.12.2020

CERTIFICATE

This is to certify that the dissertation entitled **COMPARATIVE STUDIES ON THE BIOCHEMICAL COMPOSITION OF THE FRESHWATER INDIAN MAJOR CARPS AND EXOTIC CARPS** is a bonafide record of research work done by **R.VALARMATHI (Reg.No.18ZOA753-Part-Time)** submitted to A.V.V.M. Sri Pushpam College (Autonomous), Poondi, in partial fulfilment of the requirements for the award of the degree of **MASTER OF PHILOSOPHY IN ZOOLOGY** during the year 2018-2020 in the Department of Zoology and Biotechnology, under my guidance and supervision. The dissertation has not previously formed the basis for the award to the candidate of any degree, diploma, associateship, fellowship or any other similar titles.

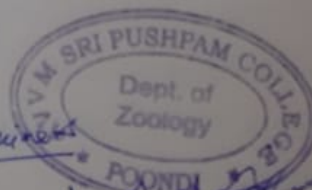
I further certify that the dissertation represents independent work on the part of the candidate.

A. Rajakumar
31.12.20

Signature of the Supervisor
(R. RAJAKUMAR)

Dr. R. RAJAKUMAR, M.Sc., M.Phil., M.Ed., Ph.D.,
Associate Professor
Dept. of Zoology & Biotechnology,
A.V.V.M. Sri Pushpam College (Autonomous),
POONDI-613 503, Thanjavur Dist., Tamilnadu.

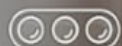
Dr. P. Natarajan
31/12/20
Signature of the Co-ordinator
Dr. P. Natarajan,
Co-ordinator,
Dept. of Zoology & Bio-Technology,
A.V.V.M. Sri Pushpam College (Autonomous),
POONDI - 613 503, Thanjavur (Dt).



Examiner

Dr. S. K. K. S. K.
23/01/21
Dr. S. K. K. S. K., M.Sc., M.Phil., Ph.D.,
HOD & Asst. Professor
Dept. of Zoology,
M.H. Govt. Arts College
Mannagudi - 614 001.

Dr. R. Rajakumar
23/1/21
Dr. R. RAJAKUMAR, M.Sc., M.Phil., M.Ed., Ph.D.,
Associate Professor
Dept. of Zoology & Biotechnology,
A.V.V.M. Sri Pushpam College (Autonomous),
POONDI-613 503, Thanjavur Dist., Tamilnadu.



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POONDI – 613 503, THANJAVUR DT.**

**DEPARTMENT OF ZOOLOGY
M.Phil., ZOOLOGY PART TIME – 2018 - 2019**

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2	18ZOA702	R.CHINNAMATHAN 6380078090	Dr.S.VIJAYAKUMAR	
3	18ZOA703	L.PRAKASH 9942687049	Dr.P.NATARAJAN	
4	18ZOA751	R. SANGARI THENMOZHI 9943858501	DR.KAVITHA	
5	18ZOA752	M.SUSHEELA RAJESWARI 9047171247	Dr.R.PRAGASHRAJ	
6	18ZOA753	R.VALARMATHI 7402003334	Dr.R.RAJAKUMAR	
7	18ZOA754	R.NAGAJOTHI 8220151048	Dr.K.JAYASEELAN	

[Handwritten signature]