

D/08/19

**Fish Waste as a Source of Nitrogen for Enhanced Production of Prodigiosin Pigment from *Serratia marcescens***

*Project submitted to the University of Kerala in Partial fulfillment to the requirement for the Bachelor of Science Degree in Zoology*

By

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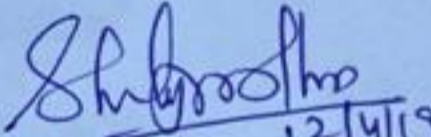


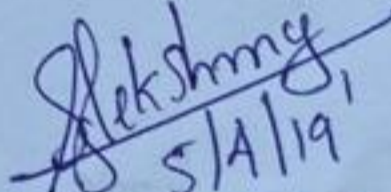
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**APRIL 2019**

## CERTIFICATE

This is to certify that this Project Report entitled "Fish Waste as a Source of Nitrogen for Enhanced Production of Prodigiosin Pigment from *Serratia marcescens*" is an authentic record of group work carried out by Akhil V (U1616022), Anjali AV (U1616024) Anjitha (U1616025) Ann Mary A Netto (U1616026) Anusree SA (U1616027) Ashika George (U1616029) in partial fulfillment of the requirement for the B. Sc Degree in Zoology F. M. N. College, Kollam under my supervision and that no part of has been presented earlier for any other Degree.

  
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05/04/2019



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# COMPARATIVE STUDY ON METAZOAN PARASITES IN TWO EDIBLE FISH SPECIES

DISSERTATION

*Submitted to the University of Kerala*

*in the partial fulfilment of the requirement for the*

BACHELOR OF SCIENCE

IN

ZOOLOGY



PG & Research Department of Zoology  
FATIMA MATA NATIONAL COLLEGE (AUTONOMOUS), KOLLAM

April 2019



**FATIMA MATA NATIONAL COLLEGE (AUTONOMOUS)**

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Affiliated to the University of Kerala

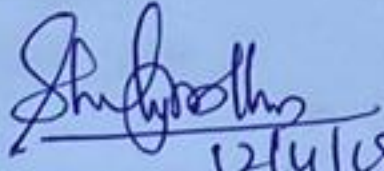
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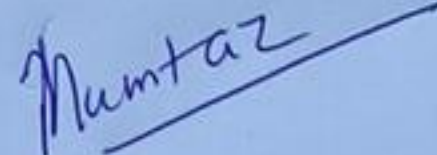
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**Effect of insulin on Alloxan - Induced diabetes: Haematological, Biochemical and histopathological studies of the Indian freshwater teleost, *Oreochromis mossambicus* (Peters, 1852)**

**DISSERTATION**

**Submitted to the University of Kerala  
in partial fulfillment of the  
requirements for the award of the degree of  
BACHELOR OF SCIENCE IN ZOOLOGY**

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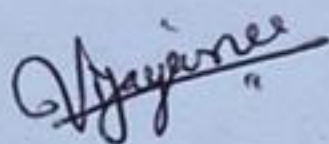
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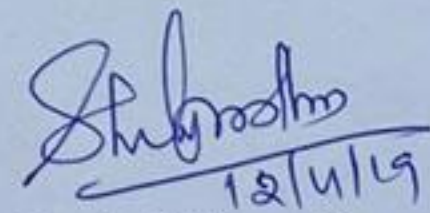
**CERTIFICATE**

This is to certify that dissertation entitled "**Effect of insulin on Alloxan - Induced diabetes: Haematological, Biochemical and histopathological studies of the Indian freshwater teleost, *Oreochromis mossambicus* (Peters, 1852)**" is an authentic record of the work carried out by Kesiya S. (U1616039), Maneesha U. (U1616040), Megha D. C. (U1616041), Nimmi B. (U1616042), Oygan J. (U1616043) and Rajalekshmi V. R. (U1616044) under my supervision and guidance as a part of University of Kerala in partial fulfillment of the Degree of Bachelor of Science in Zoology.



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**Assessment of Formaldehyde levels in fresh fishes in  
Kollam using Formalin test Kit**

*Project submitted to the University of Kerala in  
Partial fulfillment of the requirement for the  
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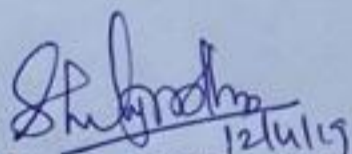


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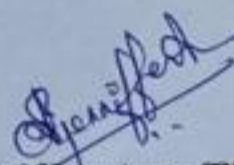
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## CERTIFICATE

This is to certify that this dissertation "Assessment of Formaldehyde levels in fresh fishes in Kollam using Formalin test Kit" is an authentic record of group work carried out by, Onita Antony (U1616016), Renjitha R S (U1616017), Salma (U1616018), Vinduja S Vinod (U1616019), Aamiya Boniface (U1616020), Adithya Krishnan (U1616021) in partial fulfillment of the requirement for the B. Sc Degree in Zoology F. M. N. College, Kollam under my supervision and that no part thereof has been presented earlier for any other Degree.

  
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# Assessment of Formaldehyde levels in fresh fishes in

## Kollam using Hi-Rapid Formalin test Kit

*Project submitted to the University of Kerala in  
Partial fulfillment of the requirement for the  
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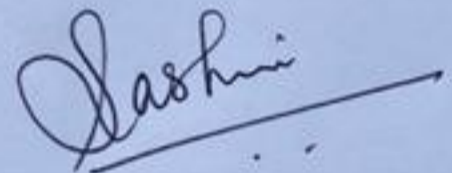
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## CERTIFICATE

This is to certify that this dissertation "Assessment of Formaldehyde levels in fresh fishes in Kollam using Hi-Rapid Formalin test Kit" is an authentic record of group work carried out by, **Rakhi S (U1616045), Shalini S (U1616047), Shilpa Raj (U1616048), Shirin Shihab (U1616049), Shuhaina S (U1616050), Siji John (U1616051)** in partial fulfillment of the requirement for the B. Sc Degree in Zoology F. M. N. College, Kollam under my supervision and that no part thereof has been presented earlier for any other Degree.

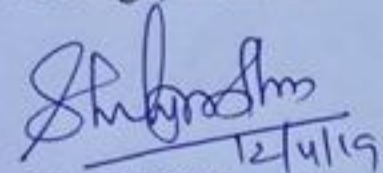
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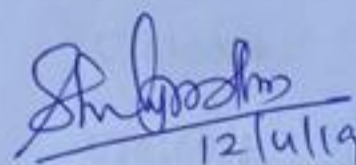
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This is to certify that dissertation entitled "QUALITY ASSESSMENT OF MILK SAMPLES COLLECTED FROM DIFFERENT PLACES OF KOLLAM DISTRICT, KERALA" is an authentic record of the work carried out by ASWATHY THULSI(U1616009),CICILIYA CYRIL(U1616011), DARSHITHA.S(U1616012),DEVIKA.U(U1616013),KASHINATH(U1616014), KAVYA.S(U1616015) under my supervision and guidance as a part of University of Kerala in partial fulfillment of the Degree of Bachelor of Science in Zoology

  
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