



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CERTIFICATE

This is to certify that the dissertation "AN INVESTIGATIVE STUDY ON MOLLUSCAN DIVERSITY OF CHERAI BEACH" is an authentic record of the project work done by miss, AMRITHA SINGH. K during the academic year 2020- 2022, under my supervision and guidance in partial fulfilment of the requirement of the Degree of Master of Zoology and the report has not formed the basis for the award of any degree or diploma earlier.

 
Mrs. REEMI SARA MATHAI Mrs. SUNU N.V

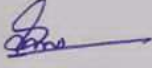

Head of the Department Supervising teacher

Department of Zoology Department of zoology

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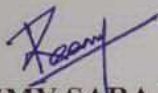
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2. Jothamol Raj P 



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This is to certify that the dissertation “ DIVERSITY AND ENDEMISM OF BUTTERFLIES OF MANNAVAN SHOLA OF ANAMUDI SHOLA NATIONAL PARK IN THE WESTERN GHATS ” is an authentic record of the project work done by Miss. DEEPIKA Y during the academic year 2020 – 2022, under my supervision and guidance in partial fulfilment of the requirement of the Degree of Master of Zoology and the report has not formed the basis for the award of any degree or diploma earlier.



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Assistant Professor

Head of the Department

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Mrs. SUNU N.V

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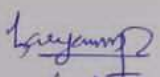
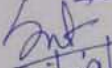
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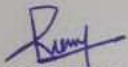
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1. Jintumol Raj-P 
2. SONAT JOSEPH 
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This is to certify that the dissertation “**STUDY OF DIVERSITY OF SOME COMMON EDIBLE FISHES IN THE PONNANI FISHING HARBOUR**” is an authentic record of the project work done by Miss. **JASEERA FAIROOSA. P** under my supervision and guidance in partial fulfillment of requirement of the Degree of Master of Zoology and the report has not formed the basis for the award of any degree or diploma earlier.

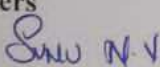
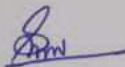


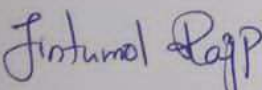

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2)  



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This is to certify that the dissertation "A STUDY ON THE AVIAN DIVERSTIY OF THE PADDY FIELDS IN MARARIKULAM PANCHAYATH, ALAPPUZHA". is an authentic record of the project work done by miss, REVATHY.P.G, during the academic year 2020- 2022, under my supervision and guidance in partial fulfilment of the requirement of the Degree of Master of Zoology and the report has not formed the basis for the award of any degree or diploma earlier.



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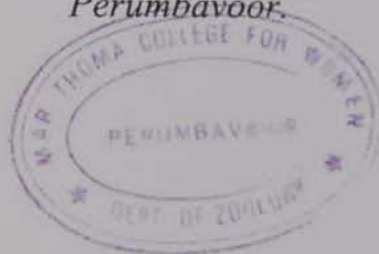
Miss. ATHIRA. M

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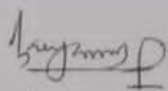
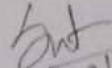
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This is to certify that the dissertation "A COMPARATIVE STUDY ON THE EFFECT OF COPPER SULPHATE & AMMONIUM SULPHATE IN THE GROWTH, SURVIVAL AND REPRODUCTION OF GUPPY (*Poecilia reticulata*)" is an authentic record of the project work done by Miss. SREELAKSHMI S during the academic year 2020 – 2022, under my supervision and guidance in partial fulfilment of the requirement of the Degree of Master of Zoology and the report has not formed the basis for the award of any degree or diploma earlier.



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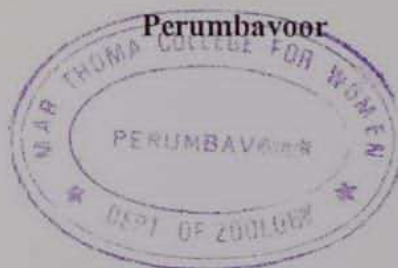


Ms. ATHIRA M

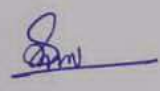

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This is to certify that the dissertation titled " A STUDY ON DIVERSITY OF DRAGONFLIES IN VARAPPETTY PANCHAYATH " is an authentic record of the project work done by Miss SWATHY SASI under my supervision and guidance in partial fulfillment of the requirement of the Degree of Master Zoology and the report has not formed the basis for the award of any degree Or diploma earlier.

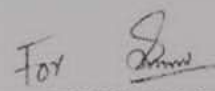

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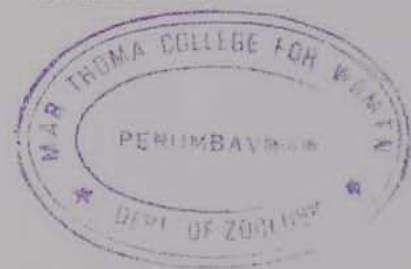

Mrs. JISSY THOMAS

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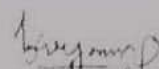
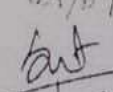
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- 2 SONAT JOSEPH 
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This is to certify that the dissertation "**Study on diversity of fishes in Thannermukombund**" is an authentic record of the project work done by Miss. **TREESA MARY BOSE** under my supervision and guidance in partial fulfillment of requirement of the Degree of Master of Zoology and the report has not formed the basis for the award of any degree or diploma earlier.



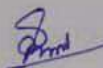
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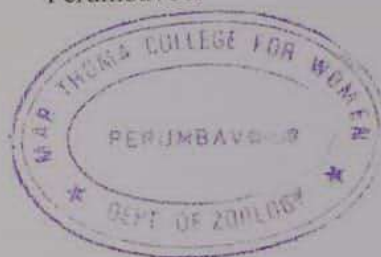
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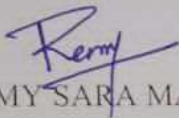


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This is to certify that the dissertation "A COMPARATIVE STUDY ON THE MOTH (LEPIDOPTERA:HETEROCERA) DIVERSITY IN SELECTED AREAS OF MALAPPURAM AND ERNAKULAM DISTRICTS" is an authentic record of the project work done by miss, VARSHA .V during the academic year 2020- 2022, under my supervision and guidance in partial fulfilment of the requirement of the Degree of Master of Zoology and the report has not formed the basis for the award of any degree or diploma earlier.



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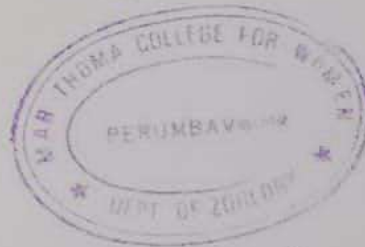
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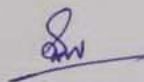
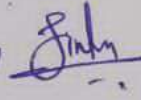
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2. Jithumon Raj P, 

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This is to certify that the dissertation "A STUDY ON THE AVIAN DIVERSITY OF RANDAMPUNCHA WETLAND NEAR MANTHUKA, PATHANAMTHITTA" is an authentic record of the project work done by Miss. RESHMA R KURUP during the academic year 2020 – 2022, under my supervision and guidance in partial fulfilment of the requirement of the Degree of Master of Zoology and the report has not formed the basis for the award of any degree or diploma earlier.


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Ms. ATHIRA.M

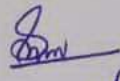
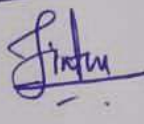
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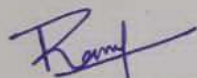
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This is to certify that the dissertation "A COMPARATIVE STUDY ON THE ODONATE DIVERSITY OF WETLANDS IN PUZHAKATTIRI PANCHAYATH, MALAPPURAM "
is an authentic record of the project work done by Miss. POOJA KRISHNAN K during the academic year 2020-2022, under my supervision and guidance in partial fulfilment of the requirement of the Degree of Master of Zoology and the report has not formed the basis for the award of any degree or diploma earlier.



Mrs. REEMY SARA MATHAI.

Assistant Professor.

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MISS ATHIRA M

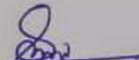
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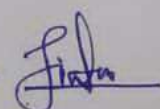
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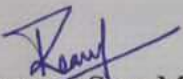
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This is to certify that the dissertation entitled "**A SURVEY ON ANT DIVERSITY IN DIFFERENT AREAS OF THURUTHIPLY, VARDNO.12, VENGOLA**" an authenticated record of project work carried out by "**KARTHIKA. RAVI**" during the Academic year **2021-2022** under my supervision and guidance in the Department of Zoology, in partial fulfillment of the requirement of the degree of Master of Science in Zoology and this report has not formed the basis for the award of any degree or diploma earlier.



Mrs. Reemmy Sara Mathai

Assistant professor

Head of the Department

Department of zoology

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Mrs. Athira. M.

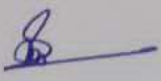
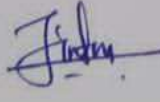
Supervising Teacher

Department of Zoology

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- 1) **SUNU N.V** , 
- 2) **Finthumal R. P** , 

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This is to certify that the dissertation entitled “ **STUDY OF BIRD DIVERSITY IN THE KALADY RANGE OF MALAYATTOR FOREST DIVISION**” is an authentic record of the project work done by **Miss ASWATHY VIJAYAN** under my supervision and guidance in partial fulfillment of the requirement of the Degree of Master of Science in Zoology and this report has not formed on the basis of any award of degree or diploma earlier.



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Head of the Department of Zoology

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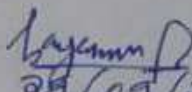
Mrs. Sunu N V

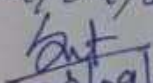
Supervising teacher

Department of Zoology

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Jintumul Raj P 
24/09/2022

SONAF JOSEPH 
24/09/22

Signature of Examiners

Place:


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This is to certify that the dissertation " CONSERVATION OF BUTTERFLIES THROUGH BUTTERFLY GARDEN, is an authentic record of the project work done by Miss. DIVYA K S, under my supervision and guidance in partial fulfillment of the requirement of the Degree of Master of Zoology and the report has not formed the basis for the award of any degree or diploma earlier.


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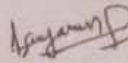
Assistant Professor

Head of the department

Department of Zoology

Mar Thoma College for Women

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


Mrs. JINTUMOL.RAJ.P

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Examiners: 1) SONAT JOSEPH  29/09/2022
2) SUNDU N. V  29/09/2022

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This is to certify that the dissertation “ BUTTERFLY DIVERSITY AND THEIR HOST PLANTS INTERACTION IN IRINGOLKAVU ” is an authentic record of the project work done by Miss. Fasana during the academic year 2020 – 2022, under my supervision and guidance in partial fulfilment of the requirement of the Degree of Master of Zoology and the report has not formed the basis for the award of any degree or diploma earlier.

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Assistant Professor

Head of the Department

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Mrs. JINTU MOL RAJ P

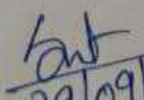
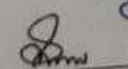
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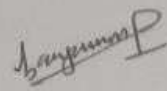
This is to certify that the dissertation " COMPARATIVE STUDY ON ANT DIVERSITY IN THOMMANKUTHU FOREST AREA ,RUBBER PLANTATION AND PINEAPPLE PLANTATION" is an authentic record of the project work done by miss. JITTO JOY during the academic year 2021-2022, under my supervision and guidance in partial fulfillment of the requirement of the Degree of Master of Zoology and the report has not formed the basis for the award of any degree or diploma earlier.


Mrs. REEMY SARA MATHAI

Assistant Professor

Head of the Department of Zoology

Mar Thoma College for women Perumbavoor



Mrs. JINTUMOL RAJ .P


Supervising teacher

Department of Zoology

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1 **SONAT JOSEPH** 
29/09/2022

2 **SUNU N.V** 
29/09/2022

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This is to certify that the dissertation "A COMPARITIVE STUDY ON THE LITTER FAUNA DIVERSITY IN MULTICROP AND MONOCROP AGROECOSYSTEMS IN MAZHUVANNOOR PANCHAYATH, ERNAKULAM" is an authentic record of the project work done by miss, SHALU REJU during the academic year 2020- 2022, under my supervision and guidance in partial fulfilment of the requirement of the Degree of Master of Zoology and the report has not formed the basis for the award of any degree or diploma earlier.



Mrs. REEMY SARA MATHAI

Assistant professor

Head of department zoology

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Miss ATHIRA M

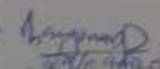

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This is to certify that the dissertation "A COMPARITIVE STUDY ON THE SEASONAL DIVERSITY OF COLEOPTERA IN IRINGOL KAVU EVERGREEN FOREST, ERNAKULAM" is an authentic record of the project work done by Miss. DEEPIKA Y during the academic year 2020 – 2022, under my supervision and guidance in partial fulfilment of the requirement of the Degree of Master of Zoology and the report has not formed the basis for the award of any degree or diploma earlier.



Mrs. REEMY SARA MATHAI

Assistant Professor

Head of the Department

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Mrs. JISSY THOMAS

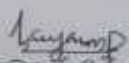

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EXAMINERS

1. JINTUMOL RAS-P 
29/09/2022
2. SONAT JOSEPH 
29/09/2022

DEPARTMENT OF ZOOLOGY

MAR THOMA COLLEGE FOR WOMEN, PERUMBAVOOR

CERTIFICATE

This is to certify that the dissertation "A COMPARATIVE STUDY ON THE BUTTERFLY DIVERSITY IN PALLARIMANGALAM PANCHAYATH AND VARAPPETTY PANCHAYATH OF ERNAKULAM DISTRICT KERALA" is an authentic record of the project work done by Miss.THASNI P M during the academic year 2020-2022, under my supervision and guidance in partial fulfilment of the requirement of the Degree of Master of Zoology and the report has not formed the basis for the award of any degree or diploma earlier.

Mrs. REEMY SARA MATHAI

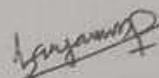
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