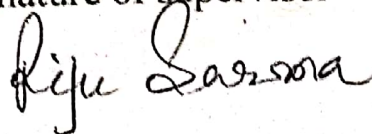


CERTIFICATE

This is to certify that Mausumi Das bearing Roll No – US-201-130-0062 and GU Registration no -20028835 of 2022-2023 has carried out her dissertation work title “Study on the Efficacy of Citral and Eugenol against *Sitophilus oryzae* and *Tribolium castaneum*”. She has done the work sincerely and work hard for preparing her dissertation she has fulfilled all the requirements laid down in the regulations my bachelor of science(Bsc) examination, MC college.

This dissertation is the result of her own investigation and it has not been submitted by others for any degree. The results embodied in the dissertation is a record of original work done by her with sincere and persistent efforts that she had made in course of her investigation above all, the dissertation work maker a genuine contribution to the field of further scientific investigation. I wish her grand success in future academic career.

Signature of supervisor



Dr. Riju Sarma

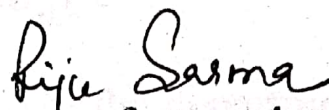
Assistant Professor

Department of Zoology

CERTIFICATE

This is to certify that Pritam Gayan bearing Roll No – US-201-130-0076 and GU Registration no -20028849 of 2022-2023 has carried out his dissertation work title “Docking study of interaction between twenty terpene compounds with odorant receptor of *Anopheles gambiae*” he has done the work sincerely and work hard for preparing his dissertation. He has fulfilled all the requirements laid down in the regulations my Bachelor of Science (B.Sc.) examination, Madhab Choudhury College, Barpeta.

This dissertation is the result of his own investigation and it has not been submitted by others for any degree. The results embodied in the dissertation is a record of original work done by him with sincere and persistent efforts that he had made in course of his investigation above all, the dissertation work maker a genuine contribution to the field of further scientific investigation. I wish his grand success in future academic career.



Signature of supervisor

Dr. Riju Sarma

Assistant Professor

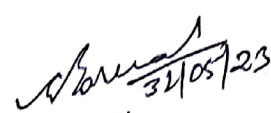
Department of Zoology

CERTIFICATE

This is to certify that **JIMI PATHAK** bearing Roll No- **US-201-130-0046** and G.U Registration No -**20028818** of 2022-2023 batch has carried out her dissertation work title "**A COMPARATIVE STUDY ON ODONATA DIVERSITY OF MADHAB CHOUDHURY COLLEGE AND GAHIYA VILLAGE OF BARPETA DISTRICT**".

She has done the work sincerely with toiling hard for preparing her dissertation. She has fulfilled all the requirments that laiddown in the regulation of my B.Sc examination, M.C College .

This dessertation is the result of her own investigation and it has not submitted by others of any degree. The result placed on the dessertation is a record of original work done by her with much effort and sincerity. Above all ,her investigation on dessertation makes an immense contribution to the field of further investigation. I wish her for grand success in future academic career.

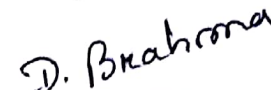

Head of the Dept. Of Zoology
M.C. College, Barpeta

Signature of supervisor

Dr. Chiranjit Baruah

Assistant Professor, HOD

Department of Zoology.


Signature of Co-supervisor

Daisy Brahma

Assistant Professor

Department of Zoology.

CERTIFICATE

This is to certify that Riyakshi Das bearing Roll No - U8 - 201 -130 -0085 and G.U Registration No - 20028858 of 2022 -2023 has carried out her dissertation work titled "**A study on traditional knowledge and compound analysis of potential medicinal plants and herbs as bio-pesticide and insect repellent**" she has done the work since rely and work hard for preparing her dissertation she has fulfilled all the requirements laid down in the regulations of my bachelor of science (B.Sc) examination , MC college ,

The dissertation is the result of her own investigation and it has not been submitted by others for any degree . The results embodied in the dissertation is a record of original work done by her with sincere and persistent efforts that she had made in course of her investigation above all , the dissertation work make a genuine contribution to the field of further scientific investigation , I wish her grand success in future academic career .

D. Brahma

Signature of Supervisor

[Signature]

Signature of HOD

Head of the Dept. Of Zoology
M.C. College, Barpeta

Daisy Brahma (Assistant professor)

Department of Zoology

M.C College , Barpeta - 781301 , Assam , India .

CERTIFICATE

This is to certify that the project work titled "STUDY OF GUAVA (*PSIDIUM GUAJAVA*) LEAF EXTRACT ON REPELLING STORED GRAIN PEST – RED FLOURE BEETLE (*TRIBOLIUM CASTANEUM*)" was carried out by Arnisha Nazmin bearing Roll No- US-201-130-0018 and GU Registration No-20028789 (2022-2023) of 6th Semester of Zoology Major, Madhab Choudhury College, Barpeta under my guidance and supervision.

The Project work is an original work done by her own investigation and it has not been submitted by others for any degree. The result embodied in the dissertation is a record of original work done by her with sincere and persistent efforts that she had made her investigation of her B.Sc course in Zoology major as per guide lines of GAUHATI UNIVERSITY,GAUHATI. The data presented here are collected by the student by herself.

Dated : 30/5/23



Signature of supervisor

Head of the Dept. Of Zoology
M.C. College, Barpeta

Dr Chiranjit Baruah

Assistant Professor, HOD

Department of Zoology

Madhab Choudhury College, Barpeta.

CERTIFICATE

This is to certify that the project work titled “**STUDY OF GUAVA(*PSIDIUM GUAJAVA*)AND HOLY BASIL(*OCIMUM SANCTUM*) LEAF EXTRACT ON REPELLING STORED GRAIN PEST RICE WEEVIL (*SITOPHILUS ORYZAE*)**” was carried out by **Ashraful Shahir Ahmed** of 6th Semester of Zoology Major, M.C.College, Barpeta under my guidance and supervision.

The Project work is an original work done by the student for the fulfillment of his B.Sc course in Zoology major as per guidelines of Guahati University, Guahati. The data presented herein are collected by the student by himself.

Ashraful
30/05/2023

Head of the Dept. Of Zoology
M.C. College, Barpeta

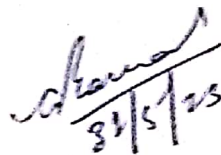
Dated:

Dr Chiranjit Baruah, Assistant Professor,
HOD, Department of Zoology
M.C.College, Barpeta.

CERTIFICATE

This is certify that, Hamidul Islam bearing roll no.-US-201-130-0033, and GU Regd no.- 20028804, of 2022-23 has carried out his dissertation work title A study on Ichthyofaunal diversity found in Elengi beel, Baghbar, Barpeta. He has done the work sincerely and work hard for preparing his dissertation. He has fulfill all the requirements laid down in the regulations my bachelor of Science (B.Sc.) Examination Madhab Choudhury College, Barpeta

This dissertation is the result of his own investigation and it has not been submitted by others for any degree the results embodied in the dissertation is a record of original work done by him with sincere and persistence effort that he had made in course of investigation above all the dissertation work maker genuine contribution to filed of further scientific investigation. I wish grand success in future academic career.


31/5/23

Head of the Dept. Of Zoology
M.C. College, Barpeta

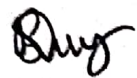
Signature of Head of the department

CERTIFICATE

This is to certify that AHIDUL ISLAM (Roll No: US-201-130-0006), of B.Sc 6th Semester of Department of Zoology, Madhab Choudhury college, Barpeta have carried out the project work entitled "A Survey on Ichthyofaunal diversity found in Baghbar area of Barpeta District, Assam" This project work is a part of under Graduate Zoology syllabus of Madhab Choudhury College covering 6th semester, and the instructions has been followed for this research activity.

This is also stated that the research work is original and not copied from other sources. Further, it was not submitted anywhere else for any degree or award. Any part of the report left without citation is purely unintentional and the remains to the original author(s).

Date:


(Runu Swargiary)

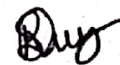
Assistant Professor Dept. of Zoology
Madhab Choudhury College, Barpeta

CERTIFICATE

This is to certify that **MATIUR RAHMAN (Roll No: US-201-130-0061)**, of B.Sc 6th Semester of Department of Zoology, Madhab Choudhury college, Barpeta have carried out the project work entitled "**A Survey on Ichthyofaunal diversity found in Satrakanara area of Barpeta District, Assam**" This project work is a part of under Graduate Zoology syllabus of Madhab Choudhury College covering 6th semester, and the instructions has been followed for this research activity.

This is also stated that the research work is original and not copied from other sources. Further, it was not submitted anywhere else for any degree or award. Any part of the report left without citation is purely unintentional and the remains to the original author(s).

Date:

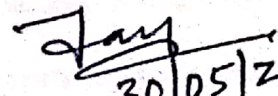


(Runu Swargiary)

Assistant Professor Dept. of Zoology
Madhab Choudhury College, Barpeta

Certificate

This is to certify that this dissertation report entitled "Nest site Selection and Nesting Preferences of Birds Breeding in Urban landscape and Home gardens of Barpeta District" submitted by **Ajay Kr. Talukdar**, with Gauhati University roll number **US-201-130-0007** and bearing registration number **20028778**, of the year **2021**, a student in the Department of Zoology, Madhab Choudhury College, Barpeta for the award of the three years degree course, is a record of an original field report carried out by {him/her} under my supervision and guidance. This report has fulfilled the entire requirement as per the regulations of the university and in my opinion, has reached the standard needed for submission. The report have not been submitted to any other University or Institute for the award of any degree or diploma.


30/05/2023

Dr Jaydev Mandal

Assistant Professor

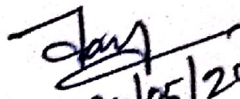
Department of Zoology

Madhab Choudhury College, Barpeta

JAYDEV MANDAL
Asstt. Professor
Department of Zoology
Madhab Choudhury College

Certificate

This is to certify that this dissertation report entitled "Nest site Selection and Nesting Preferences of Birds Breeding in Urban and Fallow lands of Barpeta District" submitted by Mr. Jugal Deka, with Gauhati University roll number (US-201-130-0049) and bearing registration number (20028821), of the year (2021), a student in the Department of Zoology, Madhab Choudhury College, Barpeta for the award of the three years degree course, is a record of an original field report carried out by him under my supervision and guidance. This report has fulfilled the entire requirement as per the regulations of the university and in my opinion, has reached the standard needed for submission. The report have not been submitted to any other University or Institute for the award of any degree or diploma.


30/05/2023

Dr Jaydev Mandal

Assistant Professor

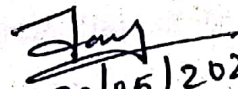
Department of Zoology

Madhab Choudhury College, Barpeta

JAYDEV MANDAL
Assistant Professor
Department of Zoology
Madhab Choudhury College

Certificate

This is to certify that this dissertation report entitled "**Nest site Selection and Nesting Preferences of Birds Breeding in Urban and Agricultural landscape of Barpeta District**" submitted by Sangita Patowary with Gauhati University roll number (US-201-130-0091) and bearing registration number 20028864 of the year 2021a student in the Department of Zoology, Madhab Choudhury College, Barpeta for the award of the three years degree course, is a record of an original field report carried out by her under my supervision and guidance. This report has fulfilled the entire requirement as per the regulations of the university and in my opinion, has reached the standard needed for submission. The report have not been submitted to any other University or Institute for the award of any degree or diploma.


30/05/2023

Dr Jaydev Mandal

Assistant Professor

Department of Zoology

Madhab Choudhury College, Barpeta

JAYDEV MANDAL
Asstt. Professor
Department of Zoology
Madhab Choudhury College

CERTIFICATE

This is to certify that the project work titled "EFFECT OF LOW TEMPERATURE ON *Citrus aurantifolia* peel oil" was carried out by Hiyangana Das bearing Roll No-US-201-130-37 of 6th Semester of Zoology Major, M.C.College, Barpeta under my guidance and supervision.

The Project work is an original work done by her own investigation and it has not been submitted by others for any degree. The result embodied in the dissertation is a record of original work done by her with sincere and persistent efforts that she had made her investigation of her B.Sc course in Zoology major as per guide lines of GAUHATI UNIVERSITY,GAUHATI. The data presented here are collected by the student by herself.

Riju Sarma
30/5/23
Signature of supervisor

Dated :

Dr. Riju Sarma
Assistant Professor,
Department of Zoology
Madhab Choudhury College, Barpeta.