

1

## CERTIFICATE

This is to certify Afruja Almin a BSc 6th semester (major) students of Chemistry Departments M.C College. Barpeta has carried out this project work carefued "Physico Chemical characterstics of aquatic sytem of Mandia" under my supervision, which being submitted to the Department of Chemistry, MC college, Barpeta, for fulfillment of BSc 6th semester (Major) programme in the subject Chemistry of Gauhati University in 2024.

This project report is the result of own investigation on the subject. This report or any part of it has not been submitted by the examinee to any other educational institution for any other degree.

Submitted

11/6/2024

Head  
Department of Chemistry  
Madhab Choudhury  
College, Barpeta

Head  
Department of Chemistry  
Madhab Choudhury  
College, Barpeta

01/6/2024

Dr. Hitesh Das

Head of the Department


Madhab Choudhury College, Barpeta


## CERTIFICATE

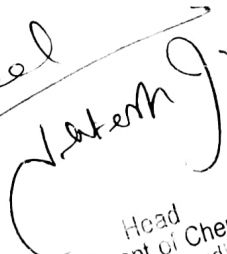
This is to certify that Bhanita nath....., a student of B.Sc. Sixth Semester bearing university Roll No US-211-130-0012 , has completed this project work titled "Assessment of the use of fertilizer in Agriculture" under my supervision for the partial fulfillment of the requirements of the CHE-HE-6056 course in the B. Sc. Sixth Semester Final Examination, 2024...

She/He has fulfilled all the conditions necessary for the submission of this dissertation.

Date: Barpeta  
Place: 14/06/2024

  
Associate/Assistant Professor,  
Madhab Choudhury College, Barpeta

  
Head  
Department of Chemistry  
Madhab Choudhury  
College, Barpeta

  
Head  
Department of Chemistry  
Madhab Choudhury  
College, Barpeta

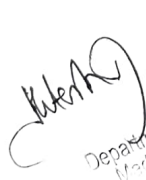
14/6/2024

3

### CERTIFICATE

This is certify that Del Haque , a student of B.Sc. 6<sup>th</sup> semester bearing university  
Roll No : US-211-130-0015, has completed this project work titled "A Short Study on the  
Chemical Wastes Generated in our Undergraduate Laboratory " under my supervision for the  
partial fulfillment of the requirements of the CHE-HE-6056 course in the B.Sc. 6<sup>th</sup> semester  
Final Examination, 2024.

He has fulfilled all the conditions necessary for the submission of this dissertation.

  
Head  
Department of Chemistry  
Madhab Choudhury  
Barpeta

  
Assistant professor,

Date: 14.06.2024

Department of Chemistry

  
14.06.24 15/6/24

Head  
Department of Chemistry  
Madhab Choudhury  
Barpeta

## CERTIFICATE

This is to certify that **GAURAV PATHAK.....** a student of B.Sc. Sixth Semester bearing university Roll NO **US-211-130-0020** has completed this project work titled :

**“ A Study on the Use and Chemistry of Fireworks ”**

under my supervision for the partial fulfillment of the requirements of the CHE-HE-6056 course in the B. Sc. Sixth Semester Final Examination, 2024

She/He has fulfilled all the conditions necessary for the submission of this dissertation.

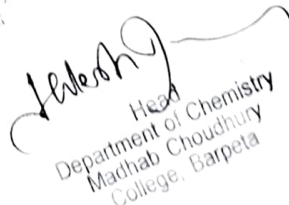


Date: 15/06/2024  
Place: Barpeta

Associate/Assistant Professor, Department of Chemistry  
Madhab Choudhury College, Barpeta



15/06/2024  
Head  
Department of Chemistry  
Madhab Choudhury  
College, Barpeta



Head  
Department of Chemistry  
Madhab Choudhury  
College, Barpeta

5

## CERTIFICATE

This is to certify that Jishnu Nath, a student of B.Sc. Sixth Semester bearing university Roll No: US-211-130-0041 has completed this project work titled "**Phytochemical Analysis Of Leaf Extract Of *Bryophyllum Pinnatum*(Dupor Tenga)**" under my supervision for the partial fulfillment of the requirements of the CHE-HE-6056 course in the B. Sc. Sixth Semester Final examination, 2024

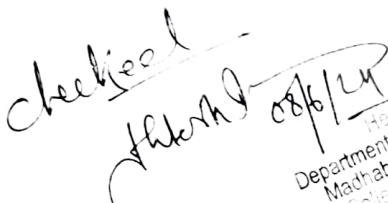
He has fulfilled all the conditions necessary for the submission of this dissertation.

Date: 08/06/24

  
Head  
Department of Chemistry  
Madhab Choudhury  
College, Barpeta

  
**Dr. Nibedita Gogoi**

Assistant Professor  
Department Of Chemistry  
M.C.COLLEGE, Barpeta

  
Head  
Department of Chemistry  
Madhab Choudhury  
College, Barpeta

6

# CERTIFICATE

This is certify that Kashem Ali, a student of B.Sc. 6<sup>th</sup> semester bearing university Roll No : US-211-130-0046, has completed this project work titled " Analysis of Soil Sample " under my supervision for the partial fulfillment of the requirements of the CHE-HE-6056 course in the B.Sc. 6<sup>th</sup> semester Final Examination, 2024.

He has fulfilled all the conditions necessary for the submission of this dissertation.



Associate / Assistant professor,

Department of Chemistry

Madhab Choudhury College, Barpeta

Date: 15 June 2024

Place: M.C. College, Barpeta

Checked!  
(Signature)  
18/6/24  
Head  
Department of Chemistry  
Madhab Choudhury  
College, Barpeta

(Signature)  
Head  
Department of Chemistry  
Madhab Choudhury  
College, Barpeta

7

## CERTIFICATE

This is certify that Khadija Parbin, a student of B.Sc. 6th semester bearing university Roll No : US-211-130-0047, has completed this project work titled " Acylation " under my supervision for the partial fulfillment of the requirements of the CHE-HE-6056 course in the B.Sc. 6th semester Final Examination, 2024. He has fulfilled all the conditions necessary for the submission of this dissertation.

*ds*

Associate / Assistant professor,

Department of Chemistry

Madhab Choudhury College, Barpeta

Date: 14/8/24

Place: Barpeta

*Checked*  
*Hitesh* 14/8/24  
Head  
Department of Chemistry  
Madhab Choudhury  
College, Barpeta

*Hitesh*  
Head  
Department of Chemistry  
Madhab Choudhury  
College, Barpeta



8

## CERTIFICATE

This is to certify that **Masum Ali Hashmi**, a student of B.Sc. Sixth Semester  
yearing university Roll No. **US-211-130-0056**, has completed this project  
work titled “ **Physico-chemical characteristics of aquatic system of Barpeta  
Town** ” under my supervision for the partial fulfillment of the requirements  
of the **CHE-HE-6056** course in the B.Sc. Six Semester Final Examination, 2024.

He has fulfilled all the conditions necessary for the submission of this  
dissertation.

Submitter

01/6/2024

Head  
Department of Chemistry  
Madhab Choudhury  
College, Barpeta

Head  
Department of Chemistry  
Madhab Choudhury  
College, Barpeta

Hitesh Das 01/6/2024

Dr. Hitesh Das

Assistant Professor (H.O.D)

Department of Chemistry

Madhab Choudhury College, Barpeta



# MADHAB CHOUDHURY COLLEGE, BARPETA

## Certificate

This is to certify that **Mehnaz Rahman**, a student of B.Sc. Sixth Semester bearing university

Roll No: **US-211-130-0059** has completed this project work titled " **To Study Halogen**


**Compounds Used In Medicine** "

under my supervision for the partial fulfilment of the requirements of the


CHE-HE-6056 course in the B. Sc. Sixth Semester Final examination, 2024

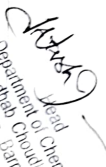
She has fulfilled all the conditions necessary for the submission of this dissertation.

Date: 14/6/24  
Place: Barpeta

  
Abdur Rezaq Ali  
Assistant Professor

Department Of Chemistry  
Madhab Choudhury College, Barpeta

  
14/6/24  
Head  
Department of Chemistry  
Madhab Choudhury  
College, Barpeta

  
Head  
Department of Chemistry  
Madhab Choudhury  
College, Barpeta

### CERTIFICATE

This is certify that **NAINA AKTAR** a student of B. SC 6<sup>th</sup> semester bearing University  
**ROLL NO- US- 211-130-0067** has complete this project work titled **Assessment of the Micro  
plastic pollution in daily items of domestic use (non – food items)** under my supervision for  
the partial fulfillment of the requirements of the **CHE - HE-6056** course in the B. SC 6<sup>th</sup> semester  
final Examination, 2024.

She has fulfilled all the condition necessary for the submission of this dissertation.

*Dr. Rakhi Tyagi Das*

Associate/ Assistant professor

DEPARTMENT OF CHEMISTRY

MADHAB CHOUDHARY COLLEGE, BARPETA

Date: 15/6/2024

Place: M C College Barpeta

*Dr. Rakhi Tyagi Das*  
Head  
Department of Chemistry  
Madhab Choudhary  
College, Barpeta

*Dr. Rakhi Tyagi Das*  
Head  
Department of Chemistry  
Madhab Choudhary  
College, Barpeta

# CERTIFICATE

certify that Nur Uddin, a student of B.Sc. 6<sup>th</sup> semester bearing university  
id: US-211-130-0076, has completed this project work titled "Laboratory safety  
and their Implementation in our undergraduate Laboratories" under my supervision for the partial  
fulfillment of the requirements of the CHE-HE-6056 course in the B.Sc.6<sup>th</sup> Semester  
final Examination, 2024.

He has fulfilled all the conditions necessary for the submission of this  
dissertation.

*Suman Kumar Das*

Associate/Assistant Professor,  
Department of Chemistry  
Madhab Choudhury College, Baepeta

*Checked by*  
*15/06/24*  
*Head*  
Department of Chemistry  
Madhab Choudhury College, Baepeta

Date: 15/06/24  
Place: MC College

# CERTIFICATE

This is certify that **Rahat Zamani**, a student of B.Sc. 6th semester bearing university **Roll No: US-211-130-0083**, has completed this project work titled "Assessment of microplastic pollution in daily items of domestic use (food items)" under my supervision for the partial fulfilment of the requirements of the CHE -HE- 6056 course in the B.Sc.6th Semester Final Examination, 2024. She has fulfilled all the conditions necessary for the dissertation

*Dr. Rahat Zamani*  
 Assistant professor  
 15/6/24.

Department of Chemistry

Madhab Choudhury College, Barpeta

Date:

Place:

*Dep. of Chemistry*  
*M.C. College Barpeta*

*Dr. Rahat Zamani*  
 Head  
 Department of Chemistry  
 Madhab Choudhury  
 College, Barpeta

19

## CERTIFICATE

certify that Saiful Islam, a student of B.Sc. 6<sup>th</sup> semester bearing university  
US-211-130-0092, has completed this project work titled "Phytochemical  
analysis of Leaf Extract of *Hibiscus Sabdariffa*" under my supervision for the partial  
fulfillment of the requirements of the CHE-HE-6056 course in the B.Sc.6<sup>th</sup> Semester  
Examination, 2024.

He has fulfilled all the conditions necessary for the submission of this  
dissertation.

G. S. I.  
Associate/Assistant Professor,

Department of Chemistry

Madhab Choudhury College, Baopeta

08/06/2024  
Department of Chemistry  
Madhab Choudhury College, Baopeta

08/06/2024  
Head  
Department of Chemistry  
Madhab Choudhury College, Baopeta

08/06/2024  
Baopeta

(14)

CERTIFICATE

This is to certify that **Subarna Gayan**, a student of B.Sc. Sixth Semester bearing university Roll No. **US-211-130-0105**, has completed this project work titled "**A survey on various chemicals used in flowering plants of different nurseries at Barpeta district**" under my supervision for the partial fulfillment of the requirements of the CHE-HF-6056 course in the B.Sc. Sixth Semester Final Examination, 2024

She has fulfilled all the conditions necessary for the submission of this dissertation.


  
**Dr. Dipanjali Pathak**

Associate Professor, Department of Chemistry


Madhab Choudhury College, Barpeta

Date: **15 June 2024**

Place: **M.C. College, Barpeta**

  
Head of Chemistry  
Department of Chemistry  
Madhab Choudhury  
College, Barpeta

15/06/24

  
Head of Chemistry  
Department of Chemistry  
Madhab Choudhury  
College, Barpeta