NABAJYOTI COLLEGE, KALGACHIA

Kalgachia, Dist.- Barpeta, Assam

PIN- 781319

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THIRD CYCLE NAAC ACCREDITATION

CRITERION- III

Research, Innovations, and Extension

Submitted to

THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

Nabajyoti College, Kalgachia
Estd. - 1971
Dist. - Barpeta
(Assam)
P.O. - Kalgachia

Table 1: Arsenic present in the collected water samples in ppb level

Arsenic Test Report
(Test by AAS method)

Sampling from: Barpeta District (Kalgachia area)
Sample Sent by: Qurum Kabir Ahmed
H.O.D, Chemistry Department, Nabajyoti College, Kalgachia, Barpeta, Assam
Sampling date: 22/05/2018

Sample ID	Name	Addressed	Arsenic Level (ppb)
BR1	Khairuddin Parbin	Guliaga	15.3
BR2	Sumsun Ali	Guliaga	3.1
BR3	Ali Mahmud	Guliaga	4.12
BR4	Fakrul Alam	Guliaga	52.4
BR5	Hamiyaddin	Guliaga	4.7
BR6	Abdul Salam	Guliaga	69.4
BR7	Mahidul Islam	Guliaga	96.3
BR8	Lal Mamud	Guliaga	31.0
BR9	Bhagattan Ali	Guliaga	5
BR10	Tachimuddin	Guliaga	36
BR11	Jaynuddin	Guliaga	22
BR12	Zaynal Islam	Bordanga	29
BR13	Abdul Kaibem	Bordanga	84
BR14	Hazarat Ali	Jamerkur	0.9
BR15	Nasim Ali	Jamerkur	2.5
BR16	Sakkamuddin	Jamerkur	5.2
BR17	Ramiyuddin	Bordanga	46.3
BR18	Rustum Ali	Jamerkur	35
BR19	Jaynal Abedin	Jamerkur	36.2
BR20	Jaynuddin	Jamerkur	35.7
BR21	Abdul Majed	Jamerkur	7.8
BR22	Nasir Mohammad	Jamerkur	56.8
BR23	Motamal Hoque	Jamerkur	26.2
BR24	Akbar Ali	Jamerkur	15.2
BR25	Anowar Ali	Jamerkur	7.6
BR26	Rubul Amin	Jamerkur	59.2
BR27	Ali Siddique	Jamerkur	9.6
BR28	Haidar Ali	Jamerkur	24.1
BR29	Jaynulabedinsukder	Jamerkur	45.5
BR30	Hajil Hoque	Jamerkur	29.3
BR31	Shahanul Islam	Veragaon	24.8
BR32	Ayub Ali	Veragaon	ND
BR33	Abdul Jalil	Lachanga	2.4
BR34	Abdul Barique	Guliaza	52.3
BR35	Rahim Ali	Guliaza	50
BR36	Abdus Samad	Guliaza	27.5
BR37	Abul Kayhem	Guliaza	123.8
BR38	Abdul Basen Ali	Guliaza	126.7
BR39	Abdul Samad	Guliaza	124.6
BR40	Gogo Ali	Guliaza	33.5
BR41	Abdul Kader	Guliaza	102
BR42	Abdul Baser	Guliaga	25.8
BR43	Kaibem Ali	Bordanga	19.4
BR44	Anabar Ali	Bordanga	27.8
BR45	Abdul Jalil	Bordanga	5

Pinku Gogoi
(Pinku Gogoi)
JRF

(Robin Kumar Dutta)
Professor, Dept. of Chemical Sciences
Tezpur University, Tezpur
24/7/2018

(Robin Kumar Dutta)
Professor
Dept. of Chemical Sciences

(Robin Kumar Dutta)
Professor
Chemical Sciences

7. Our Initiative towards community support

In the month of August, 2019, Two Arsiron Nilogen unit of 500 L and 200 L capacity has been installed at 930 no Guliaza L. P. School and 667 no Khatakuchi L. P. School.

NCC Activities Report

Promoting Cleanliness and Social Responsibility

Date: 16 March 2024

The National Cadet Corps (NCC) has been actively involved in various initiatives aimed at promoting cleanliness and social responsibility in the community. Here's a brief report highlighting some of the key activities undertaken by the NCC in recent years:

1. Swachh Bharat Abhiyan 2021:

In 2021, the NCC participated in the Swachh Bharat Abhiyan, a nationwide cleanliness campaign initiated by the Government of India. Cadets engaged in various cleanliness drives, including cleaning streets, public spaces, and educational institutions. The objective was to create awareness about the importance of cleanliness and hygiene while contributing towards building a cleaner environment.

2. NCC C Certificate:

One NCC Cadet, a student of our college, namely Mominul Islam received NCC ‘C’ Certificate under the authority of Ministry of Defence, Government of India.

राष्ट्रीय कैडेट कोर
NATIONAL CADET CORPS

प्रमाण - पत्र ‘सी’
CERTIFICATE 'C'

सं. No. A217SDA191746
रैंक Rank CDT
नाम Name MOMINUL ISLAM
सुपुत्र/सुपुत्री Son/Daughter of SAMSUL ALI
यूनिट Unit 7 ASSAM BN NCC, DHUBRI
जन्म तिथि Date of Birth 05/01/2001
राष्ट्रीय कैडेट कोर निदेशालय NCC Directorate NER, SHILLONG

प्रमाणित किया जाता है कि ऊपरलिखित कैडेट ने रक्षा मंत्रालय, भारत सरकार के प्राधिकार के अधीन सन् 20..... में हुई प्रमाणपत्र ‘सी’ परीक्षा .....श्रेणी में पास कर ली है

This is to certify that the above mentioned Cadet has passed the Certificate 'C' Examination in "C" Grade held in 2021 ..... under the authority of Ministry of Defence, Government of India.

क्र. सं. Ser. No. NER/CCERT/2021/ARMY/0040
स्थान Place SHILLONG
दिनांक Date 03 NOV 2021

भास्कर कलिता
Bhaskar Kalita
मेजर जनरल/Maj Gen.
अपर महानिदेशक, राष्ट्रीय कैडेट कोर
Addl. Director General, National Cadet Corps
उप-महानिदेशक, राष्ट्रीय कैडेट कोर
Dy. Director General, National Cadet Corps

3. Clean Drive in 2022 around IB Kalgachia under Clean India Mission:

In 2022, the NCC organized a clean drive in and around IB Kalgachia as part of the Clean India

Mission. Cadets actively participated in cleaning up the surroundings, including streets, parks, and water bodies. Through this initiative, the NCC aimed to instill a sense of responsibility and pride in maintaining cleanliness among the residents while supporting the national agenda of Swachh Bharat.

4. Punit Sagar Abhiyan 2023:

In 2023, the NCC conducted the Punit Sagar Abhiyan, which included a road march followed by a Swachh Bharat Abhiyan. Cadets marched through designated routes, spreading awareness about cleanliness and environmental conservation. Subsequently, they engaged in cleaning activities, emphasizing the importance of maintaining cleanliness in public spaces.

5. 9th International Yoga Day Celebration

The 9th International Yoga Day was celebrated on 21st June, 2023 in the presence of the faculty members and students spreading awarenes about the benefits of Yoga and various Asans and their respective impacts on the psychology and physiology of human beings.

6. Preparatory Classes for Attaining NCC ‘B’ Certificate

The preparatory classes for the NCC B Certificate at Nabajyoti College, Kalgachia, have been instrumental in preparing cadets for the challenges and responsibilities associated with NCC training. Through a holistic approach encompassing theoretical knowledge, practical skills, and leadership development, the classes have empowered cadets to excel in their NCC pursuits and contribute meaningfully to society. The college remains committed to nurturing the talents and aspirations of its NCC cadets, fostering a spirit of patriotism, discipline, and service among the youth.

Five students were able to attain the NCC ‘B’ Certificate namely Saddam Hussain, Nazmina Khatun, Jahida Khatun, and Sohinur Islam (Certificates have been attached).

COL
Commanding Officer
7 Assam Bn NCC, Dhubri

प्र मा ण प त्र
CERTIFICATE

सं॰ No. AS21SDA101969

रैंक Rank CDT

नाम Name SADDAM HUSSAIN

सुपुत्र/सुपुत्री Son/Daughter of JOYNAL ABDIN

यूनिट Unit 7 ASSAM BN NCC DHUBRI

जन्म तिथि Date of Birth 02/03/2003

राष्ट्रीय कैडेट कोर निदेशालय
NCC Directorate NABAJYOTI COLLEGE

प्रमाणित किया जाता है कि ऊपर लिखित कैडेट ने रक्षा मंत्रालय, भारत सरकार के प्राधिकार के अधीन सन् 20.....में हुई प्रमाणपत्र.....परीक्षा पास कर ली है।
This is to certify that the above mentioned Cadet has passed the Certificate B Examination held in 20 12 FEB 2023 under the authority of Ministry of Defence, Government of India (Grading) 'C'

क्र॰ सं॰
Ser. No. [illegible]/FA/2022-23

स्थान
Place GUWAHATI

दिनांक
Date [illegible] 2023

Brig
Group Commander
NCC Group Headquarter

उप-महानिदेशक, राष्ट्रीय कैडेट कोर
Dy. Director General, National Cadet Corps

प्र मा ण प त्र
CERTIFICATE

सं॰ AS21SWA101973
No.

रैंक CDT
Rank

नाम JAHIDA KHATUN
Name

सुपुत्र/सुपुत्री ABDUL JALIL
Son/Daughter of

यूनिट 7 ASSAM BN NCC DHUBRI
Unit

जन्म तिथि 04/02/2006
Date of Birth

राष्ट्रीय कैडेट कोर निदेशालय NABAJYOTI COLLEGE
NCC Directorate

प्रमाणित किया जाता है कि ऊपर लिखित कैडेट ने रक्षा मंत्रालय, भारत सरकार के प्राधिकार के अधीन सन् 20.....में हुई प्रमाणपत्र.....परीक्षा पास कर ली है।

This is to certify that the above mentioned Cadet has passed the Certificate B Examination held in 20 12 FEB 2023 under the authority of Ministry of Defence, Government of India. (Grading) 'C'

क्र॰ सं॰ 05/BCert/7A/2022-23
Ser. No.

स्थान GUWAHATI
Place

दिनांक 20 OCT 2023
Date

Brig
Group Commander
NCC Group Headquarter

उप-महानिदेशक, राष्ट्रीय कैडेट कोर
Dy. Director General, National Cadet Corps

प्रमाण पत्र

CERTIFICATE

संo
No ..... AS21[illegible]WA101005

रैंक
Rank ..... CDT

नाम
Name ..... NAZMINA KHATUN

सुपुत्र/सुपुत्री
Son/Daughter ..... [illegible]

यूनिट
Unit ..... 7 ASSAM BN NCC,[illegible]

जन्म तिथि
Date of Birth ..... 03/03/[illegible]

राष्ट्रीय कैडेट कोर निदेशालय
NCC Directorate ..... NORTH EASTERN REGION

प्रमाणित किया जाता है की ऊपरलिखित कैडेट ने रक्षा मंत्रालय, भारत सरकार के प्राधिकार के अधीन सन् 20 ..... में हुई प्रमाणपत्र ..... परीक्षा ..... श्रेणी में पास करली है।

This is to certify that the above mentioned Cadet has passed the Certificate ..B... Examination in ..C.. Grade held in 2023..... under the authority of Ministry of Defence, Government of India.

क्र० सं०
Ser. No 53/BCG21/FA/2022-23

स्थान
Place ..... Guwahati Assam

दिनांक
Date ..... 25 JAN 2024

Brig
Group Commander
NCC Group Headquarters

अपर महानिदेशक, राष्ट्रीय कैडेट कोर
Addl. Director General, National Cadet Corps

COL
Commanding Officer
7 Assam Bn. NCC, Dhubri

प्र मा ण प त्र
CERTIFICATE

सं॰ AS21SDA101962
No.....

रैंक CDT
Rank.....

नाम SOHINUR ISLAM
Name.....

सुपुत्र/सुपुत्री NUR ISLAM
Son/Daughter of.....

यूनिट 7 ASSAM BN NCC,DHUBRI
Unit.....

जन्म तिथि 25/02/2005
Date of Birth.....

राष्ट्रीय कैडेट कोर निदेशालय NABAJYOTI COLLEGE
NCC Directorate.....

प्रमाणित किया जाता है कि ऊपर लिखित कैडेट ने रक्षा मंत्रालय, भारत सरकार के प्राधिकार के अधीन सन् 20.....में हुई प्रमाणपत्र.....परीक्षा पास कर ली है।
This is to certify that the above mentioned Cadet has passed the Certificate B .....Examination held in 20 12 FEB 2023 (Grading) 'B' under the authority of Ministry of Defence, Government of India.

क्र॰ सं॰ 07/BCert/7AI/2022-23
Ser. No.....

स्थान GUWAHATI
Place.....

दिनांक 21 OCT 2023
Date.....

Brig
Group Commander
NCC Group Headquarter
उप-महानिदेशक, राष्ट्रीय कैडेट कोर
Dy. Director General, National Cadet Corps

Impact and Conclusion:

These NCC activities have had a significant impact on the community by promoting cleanliness, hygiene, and social responsibility. Through active participation in initiatives like the Swachh Bharat Abhiyan and Clean India Mission, NCC cadets have not only contributed to a cleaner environment but have also inspired others to take up similar initiatives. The NCC continues to play a vital role in fostering a sense of civic duty and instilling values of discipline and service among the youth, thereby shaping responsible citizens for the nation's future.

Masud Hassan

Associate NCC Officer
NCC Platoon
Nabajyoti College, Kalgachia

Nabajyoti College, Kalgachia

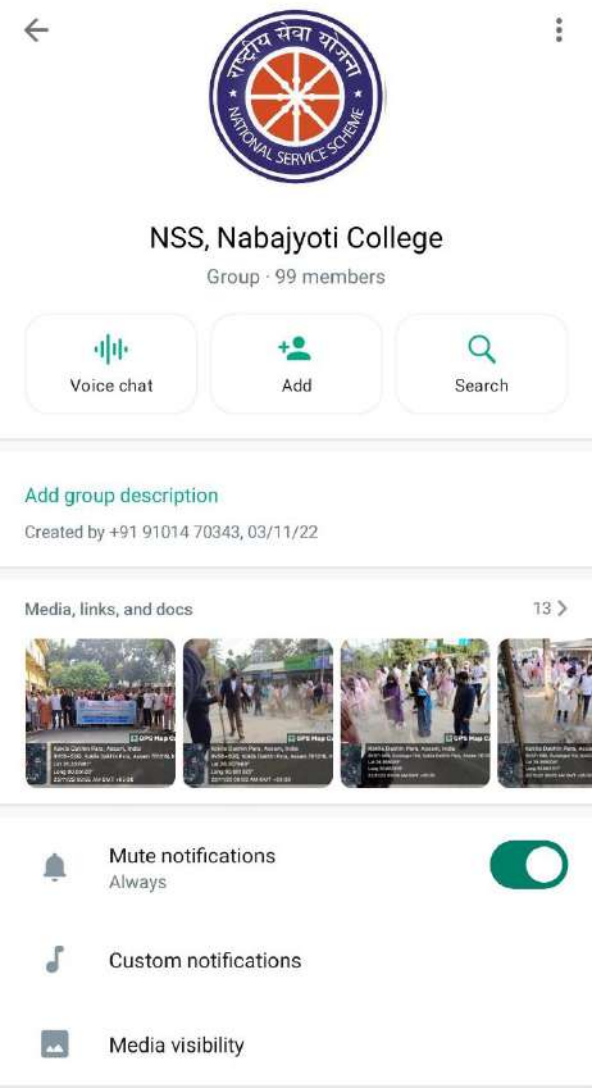
National Service Scheme (NSS)

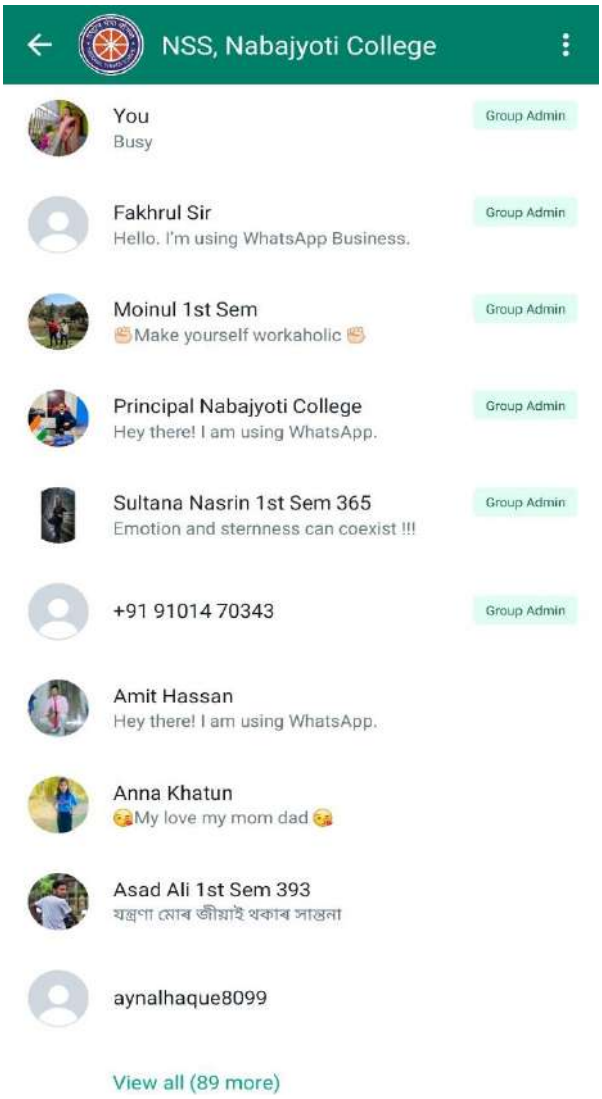
Introduction:

The National Service Scheme (NSS) at Nabajyoti College, Kalgachia, plays a pivotal role in fostering social responsibility, community engagement, and personal development among students. Through various initiatives and activities, NSS aims to instil the values of service and empathy while contributing positively to society.

Volunteer Participation:

The NSS unit at Nabajyoti College boasts an active and enthusiastic group of volunteers. The program attracts students from diverse academic backgrounds, reflecting a collective commitment to social welfare and community development. There are 100 volunteers in the NSS unit at Nabajyoti College, Kalgachia.





Leadership and Guidance:

Under the guidance of dedicated faculty members, including the Programme Officer and Assistant Programme Officer, NSS activities are meticulously planned and executed. Their leadership ensures the smooth functioning of the NSS unit and facilitates meaningful engagement with community initiatives. Dr. Fakhrul Alam, Assistant Professor and HoD of the Department of Political Science, serves as the Programme Officer of NSS, while Kaberi Sonowal, Assistant Professor of the Department of English, serves as the Assistant Programme Officer.

Key Activities:

1. Community Outreach Programs: NSS organizes various outreach programs aimed at addressing societal needs. These initiatives encompass areas such as health, education, environmental sustainability, and rural development. Activities may include health camps, awareness drives, and educational workshops conducted in collaboration with local authorities and NGOs. On the 400th birth anniversary of Lachit Borphukon, a blood donation camp was organized by the district administration of Barpeta on 20 November 2022 at Fakhruddin Ali Ahmed Medical College Barpeta. Five students from NJC participated in the camp and donated blood under the guidance of the NSS programme officers. Additionally, a blood donation program with the same purpose was organized by NSS, NJC on the college premises, where various students and professors participated. Medical professionals from Fakhruddin Ali Ahmed Medical College assisted in this program.

GPS Map Camera
Barpeta,AS,India
Kalgachia, Barpeta, 781319, AS, India
Lat 26.357610, Long 90.861409
11/23/2022 12:12 PM GMT+05:30
Maps

GPS Map Camera
Barpeta,AS,India
Kalgachia, Barpeta, 781319, AS, India
Lat 26.357654, Long 90.861526
11/23/2022 12:11 PM GMT+05:30
Maps

2. Environmental Conservation: Recognizing the importance of environmental stewardship, NSS conducts tree plantation drives, waste management campaigns, and clean-up activities.

These efforts contribute to environmental sustainability and raise awareness about the importance of preserving natural resources. On 22 November 2023, the NSS unit of NJC organized a cleansing drive from College Tiniali to East Gunialguri Public Road. This initiative aimed to contribute to community cleanliness.

3. Health and Wellness Initiatives: NSS places significant emphasis on promoting health and well-being within the community. Health camps, blood donation drives, and awareness programs on prevalent health issues are organized regularly to address healthcare needs and encourage preventive measures.

A first aid box is set up on the 21st of January, 2023.

4. Educational Outreach: NSS is committed to supporting educational initiatives that benefit underprivileged sections of society. This includes organizing tutoring sessions, providing educational materials, and facilitating access to educational resources for marginalized children.

Impact and Outreach:

The NSS activities at Nabajyoti College have a tangible impact on both the local community and participating students. Through sustained efforts and collaborative partnerships, NSS contributes to positive social change, empowering individuals and communities to lead healthier, more fulfilling lives.

Conclusion:

The National Service Scheme at Nabajyoti College, Kalgachia, exemplifies the spirit of volunteerism and community service. With a focus on holistic development and social responsibility, NSS continues to make meaningful contributions towards building a more inclusive and prosperous society.

Recommendations:

To further enhance the effectiveness and reach of NSS initiatives, the following recommendations are proposed:

1. Strengthening partnerships with local organizations and government agencies to maximize resources and impact.

2. Implementing ongoing evaluation and feedback mechanisms to assess the efficacy of NSS activities and identify areas for improvement.

3. Encouraging greater student involvement and leadership development through training programs and skill-building workshops.

By implementing these recommendations, NSS at Nabajyoti College can continue to thrive as a catalyst for positive change and community empowerment.

Dr. Fakhrul Alom

Program Officer
NSS Unit
Nabajyoti College, Kalgachia

Sample certificate received from Barpeta District Administration of Assam Government

ASBTC

অসম চৰকাৰ

অসম ৰাজ্যিক ৰক্ত সংৰচন পৰিষদ

"ৰক্তদান - জীৱন দান"

প্ৰশংসা পত্ৰ

আজি ইংৰাজীৰ 23-11-22 তাৰিখ Wednesday বাৰে

শ্ৰীমান/শ্ৰীমতী Puja Ghosh.

গাঁও Kalgachia জিলা Barpeta ৰাজ্য Assam স্বেচ্ছামূলক ভাবে ৰক্তদান

কৰাৰ বাবে আন্তৰিক কৃতজ্ঞতা জ্ঞাপন কৰিছো। আশা কৰিছো, আপোনাৰ এই মহৎ কাৰ্য্যই আনকো

অনুপ্ৰেৰনা যোগাব।

ধন্যবাদ

স্বাক্ষৰ

তত্বৱধায়ক, ব্লাড বেংক

OFFICE OF THE HEAD MASTER

BALAGAON HIGH SCHOOL, KHUDRAKUCHI

P.O.- Balagaon
Dist: Barpeta (Assam)
Pin- 781319
Estd. 1956
U-DISE Code : 18050306107
Gunotsav Grade : A +

m,
Mozibar Rahman, M.Sc., B.Ed.
Headmaster,
Balagaon High School, Khudakuchi
Email: rmozibar28@gmail.com

Ph. No. 9401158586 (M)
7002495101 (M)
8812913374 (W)
balagaonhighschool2014@gmail.com

emo No. BHS/.....

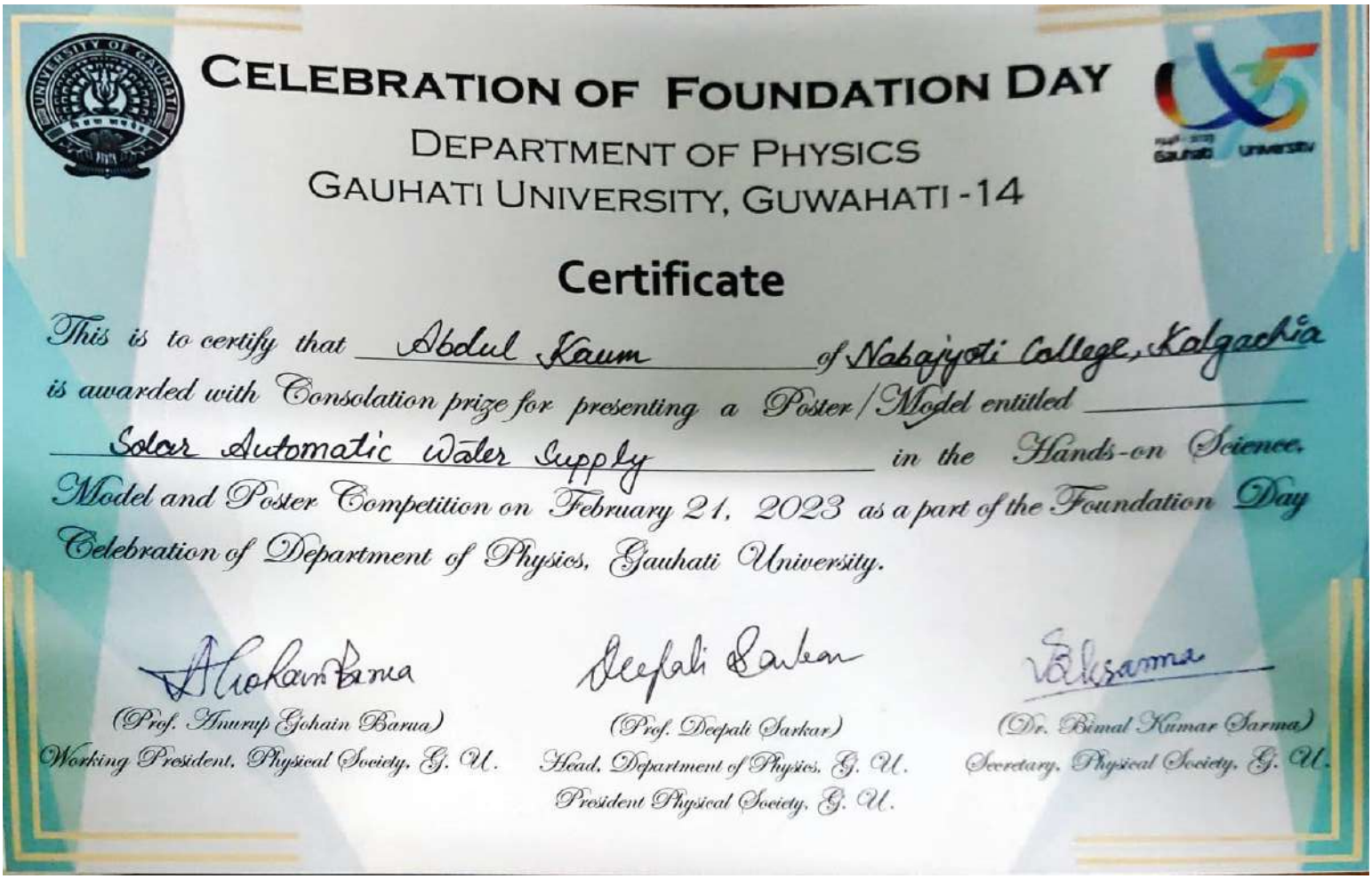
Date : 17 02 2022

CERTIFICATE OF APPRECIATION

It gives us immense pleasure to certify that Dr. Sarafima Ahmed, HoD, Deptt. of Physics, Prof. Abu Bakkar Siddique, Associate Professor, Deptt. of Chemistry, and Prof. Kumaruzzaman, Associate Professor, Deptt. of Physics from Nabajyoti College, Kalgachia rendered their services by facilitating the students of class 9 & 10 in Physics and Chemistry on the day of 17th February, 2022.

I wish them bright professional career and sound health.

17/02/2022
Headmaster,
Balagaon High School



CELEBRATION OF FOUNDATION DAY

DEPARTMENT OF PHYSICS

GAUHATI UNIVERSITY, GUWAHATI -14

Certificate

This is to certify that Abdul Kaum of Nabajyoti College, Kalgachia is awarded with Consolation prize for presenting a Poster/Model entitled Solar Automatic Water Supply in the Hands-on Science, Model and Poster Competition on February 21, 2023 as a part of the Foundation Day Celebration of Department of Physics, Gauhati University.

(Prof. Anurup Gohain Barua)
Working President, Physical Society, G. U.

(Prof. Deepali Sarkar)
Head, Department of Physics, G. U.
President Physical Society, G. U.

(Dr. Bimal Kumar Sarma)
Secretary, Physical Society, G. U.

Certificate received for the model "Solar Automatic Power Supply" in the 69th Foundation Day Celebration of the Department of Physics, Gauhati University