

NUPC 20- 0745659



National University
Bangladesh

PROVISIONAL CERTIFICATE

Bachelor of Science

Roll No. : 2087670
Regn.No. : 18228123733
Session. : 2018-19



22N1E28W049981

This is to certify that

Md. Farukhan Faruk

Son/Daughter of

Md. Farukhan Faruk

and

Md. Farukhan Faruk

of

Rajshahi College, Rajshahi

obtained

Bachelor of Science

(Honours) degree

Chemistry

under National University in the examination

of

2022

with CGPA

3.33

out of 4.00.

National University, Bangladesh.
Date of Issue: January 07, 2025

N.B. This provisional certificate must be surrendered at the time of obtaining original certificate.
Controller of Examinations

Faruk

Faruk

SL.No. NUT 23- 0411289



National University

Bangladesh

Lett: NU/Con/Certi/Trans/2204/2022/00073506(1)

ACADEMIC TRANSCRIPT

Name of the Student

Father's Name

Mother's Name

Name of Institution

Entry Qualification

Degree Conferred

Discipline/Subject

Duration of Course

Examination Roll No.

Registration No.

Year of Passing

Earned Credit

CGPA

: MST. SARABAN TOHURA

: MD. TARIQUL ISLAM

: MST. TOHIDA BEGUM

: RAJSHAHI COLLEGE, RAJSHAHI

: HSC (HIGHER SECONDARY CERTIFICATE EXAMINATION) OR EQUIVALENT

: BACHELOR OF SCIENCE

: CHEMISTRY

: 04 (Four) Year (Honours)

: 2087670

: 18228123733

: 2018-19

: 2022

: 128 Out of 128

: 3.33 Out of 4.00

Academic Attainments

YEAR	COURSE CODE	COURSE TITLE	CREDIT	LETTER GRADE	YEAR GPA
1ST	211501	HISTORY OF THE EMERGENCE OF INDEPENDENT BANGLADESH	4	B+	3.47
	212707	PHYSICS-I	4	B+	
	212709	PHYSICS-II	2	A	
	212801	PHYSICAL CHEMISTRY-I	3	B	
	212803	FUNDAMENTALS OF ORGANIC CHEMISTRY	3	A	
	212805	FUNDAMENTALS OF INORGANIC CHEMISTRY	3	A	
	212806	CHEMISTRY PRACTICAL: QUALITATIVE INORGANIC ANALYSIS, INORGANIC PREPARATIONS	3	A+	
	212709	FUNDAMENTALS OF MATHEMATICS	4	B+	
	213711	CALCULUS-I	2	B+	
	222707	PHYSICS-III (ELECTRICITY AND MODERN PHYSICS)	4	A-	
2ND	222708	PHYSICS-IV (PHYSICS PRACTICAL)	2	A+	3.21
	222801	PHYSICAL CHEMISTRY-II	4	C+	
	222803	ORGANIC CHEMISTRY	4	C	
	222805	CHEMISTRY OF THE REPRESENTATIVE ELEMENTS	4	B-	
	222806	QUANTITATIVE INORGANIC ANALYSIS (PRACTICAL)	4	A+	
	223707	CALCULUS-II	4	A-	
	223708	MATH LAB (PRACTICAL)	2	A+	
	232801	PHYSICAL CHEMISTRY-III	4	B+	
	232803	STEREOCHEMISTRY	4	C	
	232805	ADVANCED CONCEPTS OF ATOMIC STRUCTURE AND CHEMICAL BONDING	4	A-	
3RD	232807	COORDINATION CHEMISTRY AND ORGANOMETALLIC CHEMISTRY	4	A-	3.34
	232809	FUNDAMENTALS OF ANALYTICAL CHEMISTRY	4	B+	
	232811	INDUSTRIAL CHEMISTRY	4	B	
	232813	AGRICULTURAL CHEMISTRY	4	A+	
	232814	PHYSICAL CHEMISTRY PRACTICAL	2	A+	
	232816	ORGANIC CHEMISTRY PRACTICAL	2	A+	
	242801	PHYSICAL CHEMISTRY-IV	4	B+	
	242803	SELECTED TOPICS IN ORGANIC CHEMISTRY	4	B+	
	242805	SELECTED TOPICS IN INORGANIC CHEMISTRY	4	A-	
	242807	NUCLEAR CHEMISTRY	4	A-	
4TH	242809	ORGANIC POLYMERS	4	B	3.29
	242811	REACTION MECHANISM	4	B-	
	242813	SEPARATION TECHNIQUES	4	B+	
	242815	CHEMICAL SPECTROSCOPY	4	B-	
	242816	PRACTICAL CHEMISTRY (ORGANIC)	2	A	
	242818	PRACTICAL CHEMISTRY (INDUSTRIAL)	2	A-	
	242820	VIVA-VOCE	4	A+	
2ND	221109	ENGLISH (NON CREDIT)		PASS	



Result Published Date : NOVEMBER 17, 2024
Generated on: 12-02-2025 by ICT Department, NU

স্বাক্ষর
২৭/১০/২৪

মোহঃ এহসানুল হক
আইডিঃ ০১৭৮২৭

সহকারী অধ্যাপক, রাজশাহী
রাজশাহী কলেজ, রাজশাহী

Controller of Examinations
National University, Gazipur, Bangladesh
E-mail: controller@nu.ac.bd

Board of Intermediate and Secondary Education Rajshahi
Bangladesh

RBCS Serial No. 170-006105
Serial No. RB 17- 0043506



Roll No. 103062
Registration No. 1212638188/2015-16
Code & Centre 107 - Rajshahi-7

Higher Secondary Certificate Examination - 2017

This is to certify that

Mt. Saraban Johura

son/daughter of

Md. Faruqul Islam and Mt. Johida Begum

of

Shah Mokhdum College, Rajshahi

only passed the Higher Secondary Certificate Examination in

Science group

held in the month of April-May, 2017 securing 4.98 in the scale of 5.00.

Sir
21/7/2017

তারিখ: ০৫ জুলাই ২০১৭
স্বাক্ষর: অধ্যক্ষ, রাজশাহী
Controller of Examinations

Date of passing: Rajshahi, July 23, 2017.

Note: This Certificate is issued without any alteration or erasure.

HIGHER SECONDARY CERTIFICATE EXAMINATION - 2017

Name of Student	: <i>Mst. Saraban Tohura</i>
Father's Name	: <i>Md. Tariqul Islam</i>
Mother's Name	: <i>Mst. Tohida Begum</i>

Name of Institution : 1100 - Shah Mokhdum College, Rajshahi

Name of Centre : 107 - Rajshahi-7

Roll No. : 103062

Registration No.: 1212638188/2015-16
Group : C
Roll No. : 103062

Group	Science	Type	Regular

Additional subject :

7	Higher Mathematics	147	A	4	GP Above 2
					2.00

Date of publication of results: Rajshahi, July 23, 2017.

১৯/১১/২০২৫
মোহাঃ এহসানুল হক
আইডি: ০১৭৮২৭
সহকারী অধ্যাপক, বঙ্গাবন
বাজনাহী কলেজ, বাজনাহী

Board of Intermediate and Secondary Education Rajshahi

Bangladesh



Roll No. 108784
Registration No. 1212638188/2013-14
Centre 151 - Nawabganj - C26

RBCS Serial No. 150-022597
Serial No. RB 14- 4340649

Secondary School Certificate Examination - 2015

This is to certify that

Mt. Saraban Johura

son/daughter of

Md. Faruqul Islam and Mt. Johida Begum

of

Green View High School, Nawabganj

only passed the Secondary School Certificate Examination in

Science group

held in the month of February-March, 2015 securing 5.00 in the scale of 5.00.

The date of his/her birth is

Fifteenth October Nineteen Hundred Ninety Nine.

Date of passing: Rajshahi, May 30, 2015.

Controller of Examinations

Note: This Certificate is issued without any alteration or erasure.

Board of Intermediate and Secondary Education Rajshahi Bangladesh



Serial No. RB 14 4341835

SECONDARY SCHOOL CERTIFICATE EXAMINATION - 2015

Mos. 150-022597

ACADEMIC TRANSCRIPT

Name of Student : *Mst. Saraban Tohura*

Father's Name : *Md. Farigul Islam*

Mother's Name : *Mst. Tokida Begum*

Date of Birth : 15/10/1999

In Words : *Fifteenth October Nineteen Hundred Ninety Nine*

Institution : *8999 - Green View High School, Nawabganj*

Centre : *151 - Nawabganj - A*

Roll No. : 108784

Registration No. : 1212638188/2013-14

Group : *Science*

Type : *Regular*

Letter Grade	Class Interval	Grade Point
A+	80 - 100	5
A	70 - 79	4
A-	60 - 69	3.5
B	50 - 59	3
C	40 - 49	2
D	33 - 39	1
F	0 - 32	0

Sl.No.	Name of Subjects	Letter Grade	Grade Point (GP)	GPA (Without Additional Subject)	Grade Point Average (GPA)
1	Bangla	A+	5		
2	English	A+	5		
3	Mathematics	A	4		
4	Bangladesh and Global Studies	A	4		
5	Islam and Moral Education	A+	5		
6	Physics	A+	5		
7	Chemistry	A+	5		
8	Biology	A+	5		
9	Physical Education, Health & Sports	A+	5		
				4.78	5.00

Additional Subject :

10	Higher Mathematics	A+	5	GP Above 2	3.00
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Date of publication of results: Rajshahi, May 30, 2015

Controller of Examinations

Signature of Controller of Examinations

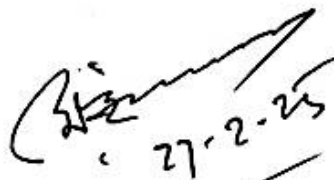
National University

Subject: Chemistry
Syllabus for Four Year B.Sc. Honours Course
Effective from the Session: 2013-2014

Year wise Paper, Marks and Credit distribution

THIRD YEAR

Paper Code	Paper Title	Marks	Credits
232801	Physical Chemistry-III	100	4
232803	Stereochemistry	100	4
232805	Advanced Concepts of Atomic Structure and Chemical Bonding	100	4
232807	Coordination Chemistry and Organometallic Chemistry	100	4
232809	Fundamentals of Analytical Chemistry	100	4
232811	Industrial Chemistry	100	4
232813	Agricultural Chemistry	100	4
232814	Physical Chemistry Practical	50	2
232816	Organic Chemistry Practical (Detection & Preparation)	50	2
	Total =	800	32


27-2-25

ডায়েরী আ.জ.ম. মনিরুল ইসলাম
আইডি: নং-০৪৬৪২
ইসলামিয়া বিশ্ববিদ্যালয়
কম্পিউটার বিভাগ, ঢাকা

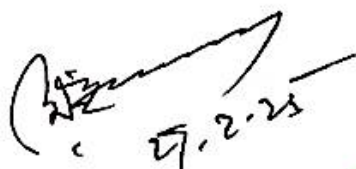
National University

Subject: Chemistry
Syllabus for Four Year B.Sc. Honours Course
Effective from the Session: 2013-2014

Year wise Paper, Marks and Credit distribution

SECOND YEAR

Paper Code	Paper Title	Marks	Credits
222801	Physical Chemistry-II	100	4
222803	Organic Chemistry	100	4
222805	Chemistry of the Representative Elements	100	4
222806	Quantitative Inorganic Analysis (Practical)	100	4
222707	Physics-III (Electricity and Modern Physics)	100	4
222708	Physics-IV (Physics Practical)	50	2
223707	Calculus-II	100	4
223708	Math Lab (Practical)	50	2
	Total =	700	28
221109	English (Compulsory)	100	Non-Credit


17.2.23

प्रमुख, विभागाध्यक्ष, भौतिक विज्ञान
आचार्य, नर ०४४४४२
राष्ट्रीय विश्वविद्यालय
राजकोट, गुजरात, भारत

National University
Subject: Chemistry
Syllabus for Four Year B.Sc Honours Course
Effective from the Session: 2013-2014

Year wise Papers and marks distributions

FIRST YEAR

Paper Code	Paper Title	Marks	Credits
212801	Physical Chemistry-I	75	3
212803	Fundamentals of Organic Chemistry	75	3
212805	Fundamentals of Inorganic Chemistry	75	3
212806	Chemistry Practical: Qualitative inorganic analysis, inorganic preparations and elementary crystal chemistry	75	3
213709	Fundamentals of Mathematics	100	4
213711	Calculus-I	50	2
212707	Physics-I (Mechanics, Properties of Matter, Waves & Optics)	100	4
212709	Physics-II (Heat, Thermodynamics and Radiation)	50	2
211501	History of the Emergence of Independent of Bangladesh	100	4
	Total =	700	28

(Signature)
27.2.13

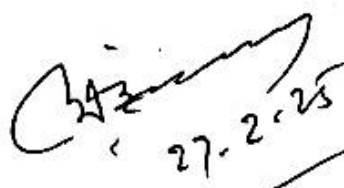
প্রফেসর ডা. জ. ম. মনিরুল ইসলাম
আইডি: নং-০৪৬৪২
স্বাক্ষর বিভাগ
স্বাক্ষর: ২৭.২.১৩

National University
Subject: Chemistry
Syllabus for Four Year B.Sc. Honours Course
Effective from the Session: 2013-2014

Year wise Paper, Marks and Credit distribution

FOURTH YEAR

Paper Code	Paper Title	Marks	Credits
242801	Physical Chemistry-IV	100	4
242803	Selected Topics in Organic Chemistry	100	4
242805	Selected Topics in Inorganic Chemistry	100	4
242807	Nuclear Chemistry	100	4
242809	Organic Polymers	100	4
242811	Reaction Mechanism	100	4
242813	Separation Techniques	100	4
242815	Chemical Spectroscopy	100	4
242816	Practical Chemistry (Organic)	50	2
242818	Practical Chemistry (Industrial)	50	2
242820	Viva-voce	100	4
	Total =	1000	40


27-2-25

ডেপুটি প্রিন্সিপাল, মনিরুল ইসলাম
আইডি: নং-০৪৬৪১
প্রশাসন বিভাগ
মহাবিদ্যালয়, ঢাকা বিশ্ববিদ্যালয়।