This is to certify that the project submitted by....Ankita Mohanta ...., B.Sc. Hons. Roll No. 2003 11000006 .... has been accomplished under my supervision as a part of curriculum in of the objective stated therein for the Semester-VI (under CBCS) Exam, for the present academic session.

Signature of Project Guide with date

Name : Dr. Bhola Nalk Sankar Designation : Associate Professor Department : Chemistry

This is to certify that the project submitted by....., B.Sc. Hons. Roll No. 200311000042.... has been accomplished under my supervision as a part of curriculum in of the objective stated therein for the Semester-VI (under CBCS) Exam, for the present academic session.

Sapat joef 23

Signature of Project Guide with date

Name : Sk Saifuddin

Designation : SACT-1

Department : Chemistry

This is to certify that the project submitted by...., Sumit Sil Roll No. 200311000051 .... has been accomplished under my supervision as a part of curriculum in of the objective stated therein for the Semester-VI (under CBCS) Exam, for the present academic session.

Signature of Project Guide with date

Name : Diptiman De

Designation : SACT-1

Department : Chemistry

# & patforf 23

Signature of Project Guide with date

Name : SK Saifuddin

Designation : SACT-1

Department

: Chemistry

# -:CERTIFICATE:-

 This is to certify that the project entitled "BANACH'S FIXED POINT THEOREM IN METRIC SPACE" submitted to Department of Mathematics in partial fulfilment of the requirement for the award of the B.Sc(Hons.) Degree programme in Mathematics, is a bonafide record of original research work done by
SOUMIK PYNE (202001004819 of 2020-21) during the period of his study in the Department of Mathematics, Gushkara
Mahavidyalaya, Gushkara, under my supervision and guidance during the year 2023.

Tamueri Senapati 28.06.23.

DR. TANUSRI SENAPATI Assistant Professor of the Department Department of Mathematics Gushkara Mahavidyalaya Gushkara, Purba Bardhaman

Mullul Brever 28.06.2023

Gushkara

Date:- 28/06/2023

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GUSHKARA MAHAVIDYALAYA Department of Nutrition are Dest Duby Bardlanson PIN 715128. W B. (NDIA Found in the problem of a coloring party a trace of والمركام تتدلك Ref No Date: CERTIFICATE This is to certify that Sneha chatterjee 20200100 4818 of 2020-2021 a 200311000039 Reg. No.-Roll No.of a Bonafede student of B.Sc. Semester. Vi in Nutrition (Honours) of Gushkara Mahavidyalaya under The University of Burdwan, has completed his/ her Project work/ Review work/Term Ruper tilled Report on Work shop Visit to the department of Horrheulture Sikkim University in department of Hutrition, Gushkara Mahavidyalaya as part of curriculum for partial fulfillment of the award of 3-Years degree programme in Bachelor of Science in Nutrition (Honours) from The University of Burdavan. He is now allowed to submit his Project work/Review work/Term Paper on the above topic for B. Sc. Practical Examination 2023. I wish every success in his/her life. Department of Nutrition Gushkara Mahavidyalaya

**GUSHKARA MAHAVIDYALAYA Department of Nutrition** P.O. Guskara, Dist. Purba Bardhaman, PIN 713128, W.B., INDIA. E-mail: office@gushkaramahavidyalaya.ac.in nutritionhons@gushkaramahavidyalaya.ac.in Ref No. Date: CERTIFICATE This is to certify that Mahima Dalui ..... Reg. No. 202001004796 of 2020-21 a Roll No.- ...... 20.0.311.00.0.0.1.8. Mahavidyalaya under The University of Burdwan, has completed his/ her Project work/ Review work/ Term Paper titled ... Com Parative ... Study ... Between Rice bran Oil, Sunflower Oil, Soyabean Oil. ..... in department of Nutrition, Gushkara Mahavidyalaya as part of curriculum for partial fulfillment of the award of 3-Years degree programme in Bachelor of Science in Nutrition (Honours) from The University of Burdwan. He is now allowed to submit his Project work/Review work/Term Paper on the above topic for B. Sc. Practical Examination .. 2023 ..... I wish every success in his/her life. Supervisor Department of Nutrition Gushkara Mahavidyalaya

**GUSHKARA MAHAVIDYALAYA Department of Nutrition** P.O. Guskara, Dist. Purba Bardhaman, PIN 713128, W.B., INDIA. E-mail: office@gushkaramahavidyalaya.ac.in nutritionhons@gushkaramahavidyalaya.ac.in Ref No. Date: CERTIFICATE This is to certify that ... Sudeshna Bhattachan jee. Reg. No.- 202001004828 of 2020-21 Roll No.- 2003 11000048 of a Bonafede student of B.Sc. Semester ...... in Nutrition (Honours) of Gushkara Mahavidyalaya under The University of Burdwan, has completed his/ her Project work/ Review work/ Term Paper tilled Companative Study Between .... Rice bran oil, Sunflower oil, Soyabean oil. in department of Nutrition, Gushkara Mahavidyalaya as part of curriculum for partial fulfillment of the award of 3-Years degree programme in Bachelor of Science in Nutrition (Honours) from The University of Burdwan. He is now allowed to submit his Project work/Review work/Term Paper on the above I wish every success in his/her life.

Department of Nutrition Gushkara Mahavidyalaya

ef No.		Date:
	CERTIFIC	ATE
This is to cert	ify that	
	Smerite Ghosh	•
	1901001565 of 20 0311000050	19-20 et
	ent of B.Sc. Semester-	Nutrition (Honours) of Gushkara
		is completed his/ her Project work/
Review work/Term	Paper titled a new and on	n relationship
between	different types of	preservatives
and h	human health	
in department of I	lutrition, Gushkara Mahavidyalay	a as part of curriculum for partial
fulfillment of the a	ward of 3-Years degree programme	in Bachelor of Science in Nutrition
(Honours) from The	University of Burdwan.	
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topic for B. Sc. Pr		Supervisor Department of Nutrition

Ref No.	Date:
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<b>R 16</b> 20000100	04818 of 2020-21 of
Reg. No 20200100 Roll No 2003110	
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between different	- types of preservallives and human
health.	an i
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	Gushkara Mahavidyalaya as part of curriculum for partial
	-Years degree programme in Bachelor of Science in Nutrition
(Honours) from The Universit	y of Burawan.
He is now allowed to st	ubmit his Project work/Review work/Term Paper on the above
topic for B. Sc. Practical Exp	
I wish every success in	his/her life.
	œ/
	Supervisor
	Department of Nutrition

GUSHKARA MAHAVIDYALAYA Department of Nutrition P.O. Gioskara, Dist. Praba Bardhansin, PIN 713128, W.B., INDIA I -mail Date: CERTIFICATE This is to certify that Subhojit Mondal 202001004827 of 2020-2021 a 200311000047 Reg. No.-Roll No.of a Bonafede student of B.Sc. Semester- Vi in Nutrition (Honours) of Gushkara Mahavidyalaya under The University of Burdwan, has completed his/ her Project work/ Review work/Term Expersited Preposit on WOBKShop Visit to the department of Hospheulture, Sikkim University in department of Nutrition, Gushkara Mahavidyalaya as part of curriculum for partial fulfillment of the award of 3-Years degree programme in Bachelor of Science in Nutrition (Honours) from The University of Burlevan. He is now allowed to submit his Project work/Review work/Term Paper on the above Lopic for B. Sc. Practical Examination 2023. I wish every success in his/her life. Department of Nutrition Gushkara Mahavidyalaya

This is to certify that the project sub-mitted by Runela. Ghtsh ...... , B.Sc/ B.A./B.Com, Hons./Gen. Roll No.210513.00203.4 has been accomplished under my supervision as a part of curriculum in consideration of the objective stated therein for the Semester -I (under CBCS) Exam, for the present academic session.

Sunarche mon do 24.03.2023

Signature of Project Guide with date

Name

: Suranda Mondal

Designation

: Associaté Professor

Department

: Botany

College

: Guch Kara Mahavidyalaya

This is to certify that the project sub-mitted by Halmbboll.Mondoll., B.Sc/B.A./B.Com, Hons./Gen. Roll No. .4.5.2....... has been accomplished under my supervision as a part of curriculum in consideration of the objective stated therein for the Semester –I (under CBCS) Exam, for the present academic session.

Par 1912.22

Signature of Project Guide with date

Name

: Ramjan Paul

Designation

Assistant Professor

Department

: Botamy

: Guelskara Mahavidyalaya.

Dr. Sukhendu Roy Assistant Professor Department of Zoology Gubbars Midaridyslays



Gushkara Mahavidyalaya NAAC Amediat "A" Guts Degre Cologe P.O.Gultkers, DirtParts Burdens, Pa-713128, West Beogel Ecosi: pattermsheridysleys@grod.com Phone: 03452253005 Far: 03452253635

DATE: 09.02.2025

This is to certify that Md Riyajaddin bearing University Roll No 200311000020 with Registration number 202001004798 of 2020-21 students of B.Sc. Semester V Zoology Honours have worked out the Project work entitled "Animal Cell Culture" under my supervision and the entire work has been carried out by him/her in the Gushkara Mahavidyalaya, Department of Zoology, Guskara. The project work represents explanation of his/her own words. Due to lack of Infrastructure & proper instruments the whole work was not possible in practical based laboratory works. Most of the data were composed from someone's finding.

STR.

Dr. Sukhendu Roy Assistant Professor Department of Zoology Gushkara Mahavidyalaya Dr. Sukhendu Roy Assistant Professor Department of Zoology Gushkara Mahavidyalaya



Gushkara Mahavidyalaya NAAC Asseedined "A" Grade Degree College P.O.Gushkara, Dist.Purba Burdwan, Pin-713128, West Bengal. Email: guskaramahwidyalaya@gmail.com Phone: 03452-255105 Fax: 03452-257635

DATE: 21.06.2023

This is to certify that Seheli Pervin bearing University Roll No 200311000032 with Registration number 202001004811 of 2020-21 students of B.Sc. Semester VI Zoology Honours have worked out the Project work entitled "Whole Mounting & Identification of specific stages of Chick Embryos" under my supervision and the entire work has been carried out by him/her in the Gushkara Mahavidyalaya, Department of Zoology, Guskara. The project work represents explanation of his/her own words. Due to lack of Infrastructure & proper instruments the whole work was not possible in practical based laboratory works.

No.

Dr. Sukhendu Roy Assistant Professor Department of Zoology Gushkara Mahavidyalaya

Suthender Roy.

Dr. Saurabh Sarkar Assistant Professor Department of Zoology Gushkara Mahavidyalaya



Gushkara Mahavidyalaya MAG Associated Depoce Golege P.O: Gushkara, Dist. Purba Burdwan, Fin-713128, West Bengal. Email: guskarsmahavidyalaya@gmail.com

DATE: 25.06.2023

#### Certificate

This is to certify that, the following students of B.Sc. Semester II Zoology Honours have worked out the Project work entitled "Larval forms of Echinodermata" under my supervision and the entire work has been carried out by him/her in the Gushkara Mahavidyalaya, Department of Zoology, Guskara. The project work represents an explanation of his/ her own words. Most of the data were composed from someone's findings with reference.

Name of the students:

1. ANUSHKA GHOSH 2. DIYA PATRA JASMIN SULTANA 4. JAYESH GHOSH 5. MD USMAN GANI 6. MOUPRIYA GHOSH 7. MOUPRIYA MANNA 8. MRINMOYE PAL 9. PRIYA MONDAL 10. PRIYANKA MONDAL 11. SATASRI MONDAL 12. SK SAJID 13. SK WAYASEFUL ISLAM 14. SOUMYADIP SAHA 15. SOYFUDDIN SK 16. SURYA GARAI 17. SWAPRAVA BARI 18. TANISHA NASRIN 19. TANUSHREE CHANDRA

Sawrath Sorkan

25.06.23

Dr. Saurabh Sarkar Assistant Professor Department of Zoology Gushkara Mahavidyalaya

This is to attest that candidate bearing roll no <u>20011100003</u> and registration no <u>202001003400</u> of 2022-2023 actively take part in the field survey at "Gosaba" block in south 24 parganas district to make the report named "Cyclonic Activity Measure Through Climatic Strength And Vulnerability: A Case Study Of Gosaba CD Block In South 24 Parganas".

EXAMINED

Dr. Sukhendu Roy Assistant Professor Department of Zoology Gushkara Mahavidyalaya



Gushkara Mahavidyalaya NAAC Accredited "A" Grade Degree College P.O:Gushkara, DistPurba Burdwan, Nn-718128, West Bengal. Email: guskaramahavidyalaya@gmail.com Phone: 03463-255105 Fact 03463-255105

DATE: 09.02.2023

This is to certify that Md Riyajuddin bearing University Roll No 200511000020 with Registration number 202001004798 of 2020-21 students of B.Sc. Semester V Zoology Honours have worked out the Project work entitled "Animal Cell Culture" under my supervision and the entire work has been carried out by him/her in the Gushkara Mahavidyalaya, Department of Zoology, Guskara. The project work represents explanation of his/her own words. Due to lack of Infrastructure & proper instruments the whole work was not possible in practical based laboratory works. Most of the data were composed from someone's finding.

~

Surflavein Roy . Dr. Sukhendu Roy Assistant Professor Department of Zoology Gushkara Mahavidyalaya Dr. Sukhendu Roy Asistat Profesor Department of Zoology Guildana Mahavidpalaya



Gushkara. Mahavidyalaya NAAC Acceleration "A" Gede Deper Cologe P.O.Gushkara, DiscPurks Burdwan, Pio-718128, West Bengel. Zendi: guskaranskoridyskys@gusd.com Phone: 03452-85705 Pace: 03452-85705

DATE: 21.06.2025

This is to certify that Scheli Pervin bearing University Roll No 200311000032 with Registration number 202001004811 of 2020-21 students of B.Sc. Semester VI Zoology Honours have worked out the Project work entitled "Whole Mounting & Identification of specific stages of Chick Embryos" under my supervision and the entire work has been carried out by him/her in the Gushkara Mahavidyalaya, Department of Zoology, Guskara. The project work represents explanation of his/her own words. Due to lack of Infrastructure & proper instruments the whole work was not possible in practical based laboratory works.

N

Sufficience for Dr. Sukhendu Roy Assistant Professor Department of Zoology Gushkara Mahavidyalaya

This is to certify that the project sub-mitted by Shymali.....Baski...., B.Sc/ B.A./B.Com, Hons./Gen. Roll No. .....967...... has been accomplished under my supervision as a part of curriculum in consideration of the objective stated therein for the Semester –I (under CBCS) Exam, for the present academic session.

Ahana Ray 20/12/22 Signature of Project Guide with date

Name : Ahana Ray

Designation : 5.A.C.T

Department : Botany

cottege : Gushkara Mahareidzjalaya



आचार्य श्री नरेन्द्र मोदी ACHARYA (CHANCELLOR) SHRI NARENDRA MODI

उपाचार्य प्रो . विद्युत चक्रवर्ती UPACHARYA (VICE-CHANCELLOR) PROF. BIDYUT CHAKRABARTY विश्वभारती VISVA-BHARATI

पल्ली शिक्षा भवन (कृषि संस्थान) PALLI-SIKSHA BHAVANA (Institute of Agriculture) संस्थापक रवीन्द्रनाथ ठाकुर FOUNDED BY RABINDRANATH TAGORE



पो.-श्रीनिकेतन-७३१२३६, P.O.-SRINIKETAN-731236, जिला-बीरभूम, पश्चिम बंगाल, भारत DIST.-BIRBHUM, WEST BENGAL, INDIA रेल स्टेशन : बोलपुर Rly. Station : Bolpur Website : www.visva-bharati.ac.in

दिनांक / Date : 05.04.2023

H. / No. PSB/2-V/03/2023-24

From Prof. A. K. Barik Principal (Dean)

> To The Teacher-in-Charge Gushkara Mahavidyalaya Purba Bardhaman, West Bengal

#### Dear Madam,

This is to certify that UG students of Botany department, Gushkara Mahavidyalaya, accompanied by their respected teachers visited Department of Horticulture and Post Harvest Technology and Rathindra Krishi Vigyan Kendra, Palli Siksha Bhavana (Institute of Agriculture), Visva-Bharati, Sriniketan, Birbhum as a part of an academic excursion on 05.04.2023.

Yours sincerely,

(A. K. Barik)

DSE-

Diptiman De 20/12/22 Signature of Project Guide with date

Name

: Dipliman De

Designation : 5.A.C.T

Department

: Chemistery

: Gushkara Mahareidyalaya



supervision as a part of curriculum in consideration of the objective stated therein for the Semester –I (under CBCS) Exam, for the present academic session.

J Koven 21/12/22 Signature of Project Guide with date

Name

### Tapasi Karar

SAC.T : Designation

Department : Geography

College

: Grushkara Maharidyalaya.



This is to certify that the project sub-mitted by ...Debnaj...Das..., B.Sc/ B.A./B.Com, Hons./Gen. Roll No. ...659 ..... has been accomplished under my supervision as a part of curriculum in consideration of the objective stated therein for the Semester -I (under CBCS) Exam, for the present academic session.

Aparnita Nand' Roy 23/12/22 Signature of Project Guide with date

: Aparnita Nandi Roy Name : 5.A.C.T Designation Department : 200694 : Gushkara Mahareidyalaya College



This is to certify that the project sub-mitted by . Lok &mi ... D.Q.& ..... , B.Sc/ supervision as a part of curriculum in consideration of the objective stated therein for the Semester –I (under CBCS) Exam, for the present academic session.

July Koren 21/12/22 Signature of Project Guide with date

Name

: Tafasi Karar

S.A.C.T

Designation

Department : Geography

:

: Grushkara Maharidyalaya.



SK Saifuddiw 20/12/22 Signature of Project Guide with date

Name

: Sk. Saifuddin

Designation

Department

: Chemistry

: S.A.C.T

: Grushkara Mahareidyalaya



This is to certify that the project sub-mitted by . Lok &mi ... D.Q.& ..... , B.Sc/ supervision as a part of curriculum in consideration of the objective stated therein for the Semester –I (under CBCS) Exam, for the present academic session.

July Koren 21/12/22 Signature of Project Guide with date

Name

: Tafasi Karar

S.A.C.T

Designation

Department : Geography

:

: Grushkara Maharidyalaya.

