

Supporting Documents for NAAC Self Study Report (SSR) (3rd Cycle) Period: 2018-2023

Criterion 1	CURRICULAR ASPECTS
Key Indicator 1.3	CURRICULUM ENRICHMENT
Metric No. 1.3.2	PERCENTAGE OF STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIP (DATA FOR THE LATEST COMPLETED ACADEMIC YEAR)

Submitted to



Submitted by IQAC, Sonari College, P.O. Sonari, Dist: Charaideo, PIN: 785690 (Assam)

> www.sonaricollege.edu.in e-mail: principalsonaricollege@gmail.com



SONARI COLLEGE

Affiliated to Dibrugarh University

Metric No. 1.3.2

Percentage of students undertaking project work/field work/internship (Data for the latest completed academic year)

	Table of Content for SSR Key Indicator 1.3.2)
Metric No. 1.3.2	❖ Percentage of students conducted field work/project work

<u>Metric 1.3.2</u>
Percentage of students conducted field work/project work

Metric No. 1.3.2.

Percentage of students undertaking project work/field work/internship (Data for the latest completed academic year)

1.3.2.1. Number of students undertaking project work/field work/internship ——

	Number of students undertaking project work/field work/internship	
Percentage =		– X 100
	Total number of students during the latest completed academic year	

The project work/field work/internship is carried out as part of the degree program by various departments (Arts and science) as per their syllabus (Both Non-CBCS and CBCS). The percentage calculation of the same is mentioned below department wise as well year academic year wise.

1. <u>Details of Field study and project work carried out by the students of Department of Education</u>

Academic Year	Semester	Topic/Places of field visit	Total no. of students	No. of students carried out project/field work	Percentage calculation
2018-2019	6th	A field trip to Likabali	25	25	100%
2019-2020	6th	A field trip to Pasighat	24	24	100%
2020-2021	6th	COVID-19	35	35	100%
2021-2022	6th	A field trip to Parakuram Kunda, Arunachal Pradesh	21	21	100%
2022-2023	6th	A field study trip to Dhemaji, Jiadhol	33	33	100%







2. <u>Details of Field study and project work carried out by the students of Department of History</u>

Academic Year	Semester	Topic/Places of field visit	Total no. of students	No. of students carried out project/field work	Percentage calculation	
2017-2018	4th	Study of economics system of Namphake village, Naharkatia	24	24	100%	
	5th	A field trip to Majuli	24	24	100%	
2018-2019	6th	A field trip to Tezpur	31	31	100%	
2019-2020	6th	To study the Ecosystem of Pasighat, Arunachal Pradesh	33	33	100%	
2020-2021	COVID-19 batch					
2021-2022	No field study					
2022-2023	No field st	udy				







3. Details of Field study and project work carried out by the students of Department of English

Academic Year	Semester	Topic/Places of field visit	Total no. of students	No. of students carried out project/field work	Percentage calculation		
2018-2019	No field study						
2019-2020	6th	A field trip to Guijan	35	30	85%		
2020-2021	COVID-19	COVID-19 batch					
2021-2022	No field study						
2022-2023	No field st	No field study					

4. <u>Details of project work carried out by the students of Department of Economics (as a part of Internal assessment)</u>

Academic Year	Semester	Topic/Places of field visit	Total no. of students	No. of students carried out project/field work	Percentage calculation
2020-2021		COVID-19 batch			
2021-2022	3rd	Survey Report on Impact of Covid Awareness Programme and its effects at Sonari Town	11	11	
	5th	Survey Report on Income and Saving patterns of the vendors under Sonari Municipality, Charaideo	15	15	







5. <u>Details of Field study and project work carried out by the students of Department of Botany</u>

Academic Year	Topic/Places of field visit	Total no. of students	No. of students carried out project/field work	Percentage calculation	
2017-2018	Field trip to Dibru Saikhowa National Park	12	12	100%	
	Edible plants found in local tea garden market	12	12	100%	
	A comparative study on growth rate and maximum yield of French bean				
	To study about qualitative and quantitative properties of three herbs and brief comparison between them				
2018-2019	A field trip to Meghalaya	24	24	100%	
	To study about Medicinal use of three herbs	24	24	100%	
2019-2020	A field trip to Dihing Patkai wildlife sanctuary	34	24	100%	
	A project report on Nameri National Park	30	30	100%	
	To determine the antifungal and antibacterial activities of seed and coat of Citrus varieties	30	30	100%	
	The diseases and Tea pests of Tea Gardens				
	To study the floral morphology and plantation of ovaries of different varieties of Capsicum				
2020-2021	Nameri National Park	30	30	100%	

	Fruit morphology as taxonomic features in Capsicum annuum, Capsicum chinese and Capsicum frutescens	30	30	100%
2021-2022	A field trip to Dilli Reserve Forest	07	07	100%
2022-2023	A field trip to Nameri National Park	14	14	100%

6. <u>Details of Field study and project work carried out by the students of Department of Assamese</u>

Academic Year			No. of students carried out project/field work	Percentage calculation
2020-2021	Satra culture of Majuli	35	25	75%
2021-2022	Project report on Asomia Sanskriti Adhyayona	33	27	82%
2022-2023	Missing Jonogusthis Utsav Parvan	Total = 22 11	Total = 22 11	100%
	Tai-Khamyang Jonogusthis Homaj Jivan	Total = 22 6	Total = 22 6	100%
	Sah Jonogusthir Lukachar	Total = 22 5	Total = 22 5	100%







7. <u>Details of Field study and project work carried out by the students of Department of Chemistry</u>

Academic Year	Sem	Topic/Places of field visit	Total no. of students	No. of students carried out project/field work	Percentage calculation
2018-2019	6th	The study of the presence of insecticides and pesticides in various fruits and vegetables	13	13	100%
		Ingredients in Chocolate: An Analysis			
		Extraction of Citric Acid from Lemons			
		Adsorption of of Acetic Acid in different Charcoal			
2019-2020	6th	(Covid-19 batch)			
2020-2021	6th (Various Projects were carried out by students in group)	Determination of the dosage of bleaching powder required for sterilization of different samples of water	30	30	100%
		Extraction of Caffeine from tea samples			
		The study of the presence of insecticides and pesticides in various fruits and vegetables			
		Extraction of Citric acid from lemons			
		Socio-economic impact of COVID-19			
2021-2022	6th	Extraction of the Citric Acid from Lemons	12	12	

		Synthesis and Spectroscopic Characterization of the Metabolic Byproduct Hippuric Acid			
2022-2023	6th	Green Chemistry for the Preparation of Silver Nanoparticles Using Mint Leaves Extract	14	14	100%
		Analysis of Physico- Chemical Parameters of Water of Sonari Pukhuri, Rajapukhuri and Borpukhuri of Sonari			
		Green Synthesis of Schiff Base Using Natural Acid Catalysis			
		Synthesis and Spectroscopic Characterisation of the Metabolic Byproduct Hippuric Acid			
		Tetrahydrated bis(monoaqua- bis(ethylenediamine) Copper(II)-diaqua- bis(ethylenediamine) Copper(II) dicitrate			







8. Details of Field study and project work carried out by the students of Department of Zoology

Academic Year	Semester	Topic/Places of field visit	Total no. of students	No. of students carried out project/field work	Percentage calculation	
2017-2018	5th	A field trip to Pobitora WildLife sanctuary	40	40	100%	
	6th (Various Projects were carried out	Studies on aquatic flora and fauna of ox bow shaped beel of Thuku beel, Sonari	40	40	100%	
	by students in group)	Study on flora and fauna of Bahbari Habi Dowbeel				
		Study of health status, medical facilities, sanitary problem, probable causes of disease of human population in the garden areas of Mathurapur tea garden				
		Major health problems caused by the use of pesticides and herbicides and sanitary condition in tea garden				
		A study on cattle disease of <i>Bos</i> indicus				
		A project Report on diabetes in rural and urban areas				
		A survey report on diabetes at Sonari town ward no-01				

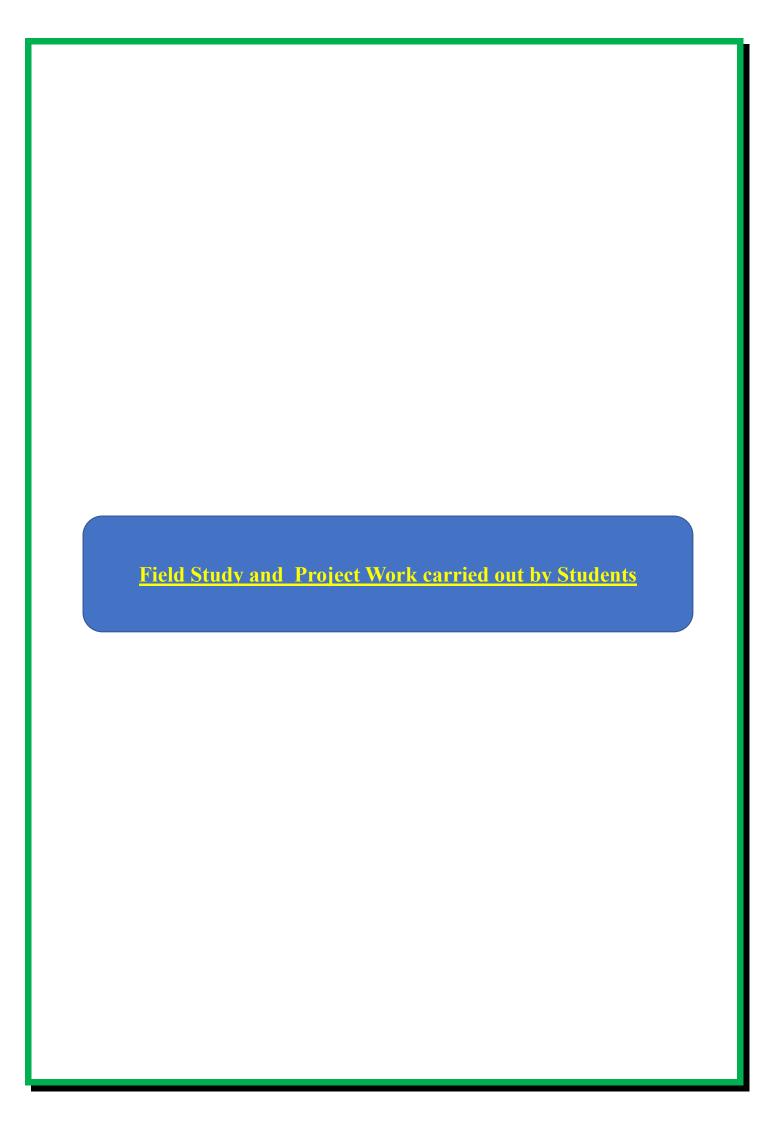
		Study on the diversity of flora and fauna of Rajapukhuri pond Indiscriminate use of pesticides and herbicides is the major problem in tea garden population Project report on Muga silk worm			
2018-2019	5th	A field trip to Pobitora WildLife sanctuary	36	36	100%
	6th (Various Projects were carried out by students in group)	A study on rearing and disease of Muga silkworm	36	36	100%
		The pest and diseases in tea garden area of Jabaka Tea Estate			
		Project Report on Diabetes Analysis in Sonari ward no. 1 and Bhojo Teok Gaon			
2019-2020	5th	A field trip to Manas National Park	32	32	100%
	1st	A field trip to Manas National Park	30	30	100%
		A field trip to Pasighat	30	30	100%
	6th	Moth and Butterfly diversity of Charaideo district	32	32	100%
		A study on rearing and disease of Muga silkworm			

			1		
		A study of Japanese quail farming in Sonari, Charaideo District of Assam: its problems and prospectus			
2020-2021 (Due to COVID	1st	A field trip to Pobitora WildLife sanctuary	21	21	100%
lockdown this period extended)	5th	A field trip to Pobitora WildLife sanctuary	33	33	100%
	6th (Various Projects were carried out by students in group)	A study on rearing and disease of Muga silkworm	33	33	100%
		Study on the diversity of flora and fauna of Rajapukhuri pond			
		A study on cattle disease of <i>Bos</i> indicus			
		Studies on aquatic flora and fauna of ox bow shaped beel of Thuku beel, Sonari			
2021-2022	1st	A field trip to Pobitora WildLife sanctuary	15	15	100%
	5th	Project report on insect diversity	16	16	100%
	6th	Project report on Drosophila culture	16	16	100%
2022-2023	5th	Project report on insect diversity	21	21	100%
	6th	Project report on Drosophila culture	21	21	100%









CERTIFICATE

This is to certify that Miss Bornali Gogoi, Roll No.- 13920039, Reg. No.-S1645943, student of B.Sc. 5th Semester has completed the field work and worked out the field report under our guidance as a part of Practical Paper-506, in the course in the Deptt. of Zoology of Dibrugarh University. His site of study is "Pobitora Wildlife Sanctuary" situated in the Morigaon district of Assam.

(Mr. Rana Konwar)

Head of the Department (Zoology)

Sonari College, Sonari

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2. Certificate and glimpses of field study tour to Pobitora Wildlife Sanctuary (2022) of Zoology

CERTIFICATE

(Mr. Rana Konwar)

Head of the Department (Zoology)

Sonari College, Sonari

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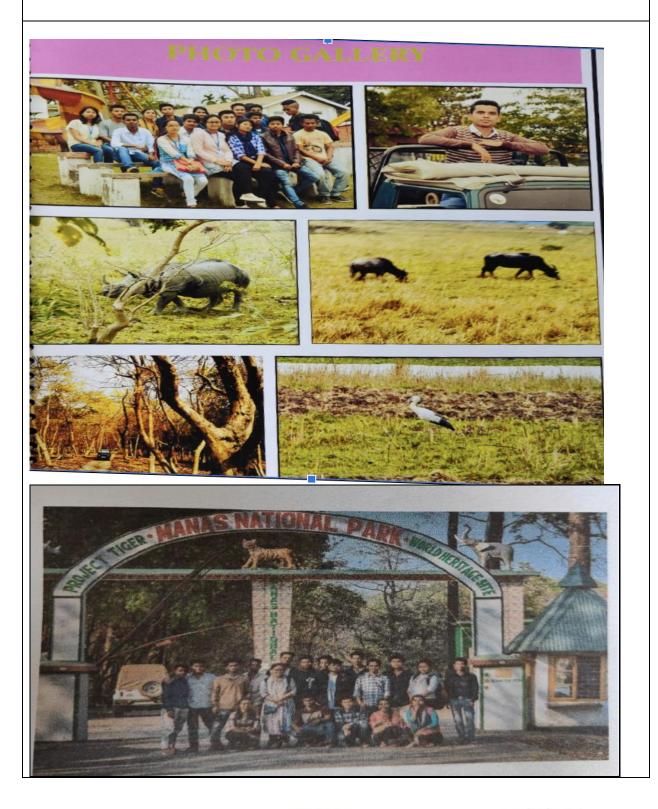


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3. Glimpses of students visit Manas National Park

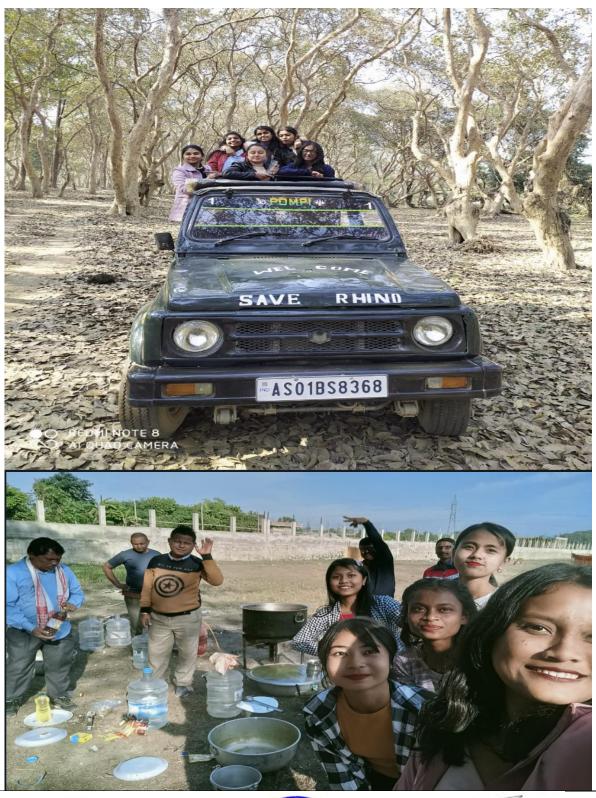








4. Glimpses from Pobitora WildLife Sanctuary (2020)









6. Syllabus of Field study (5th Sem) and Project work (6th Sem) of department of Zoology (Non-CBCS)

Embryological slide preparation Spotting (embryological slide) Submission of slide Practical record book Viva voce	Total	10 · 10 · 2 · 5 · 5 · 5 · 32		
SEME	STER-V			
A Project work carrying 15 marks beginning of the 5th Semester. The ZooMP-605 of 6th Semester. The Project report will have to refle	Report to be sub	omitted in the	e Paper	

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7. Certificate of project work of student of Zoology department

CERTIFICATE

This is to certify that the dissertation work entitled in tea garden area done by Priyanka Acharyya, student of B.sc 6th semester, department of Zoology, rollno 22020101 registration no \$1502723 are true and she has completed the project work under my direct supervision and guidance.

Mr. Paltu Paul. Signature: Associate Professor, Dept. of Zoology, Sonari College.





AT THE TIME OF SPRAVING





WITH NO SAFETY DRESS

CERTIFICATE

He had attended the classes regularly and worked sincerely during the field studies. These studies are completed under Prof. Jyoti Prasad Phukon, Dept. of Zoology, Sonari College.

I wish him very success in his life.

Prof. Jyoti Prasad Phukon

Department of Zoology

Sonari College, Sonari

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9. Project report of Zoology department

FISH CATCHING BIRDS IN THUKU BEEL



1. Common Name: Duck Scientific Name: Anas Poecilorhyncha



2. Common Name: Paní Bogolí (Egret) Scientífic Name: Mesophoyx.



4. Common Name: Bahu Scientific Name: Catla



3.Common Name: Puthi Scientific Name: Puntius Sophore



2. Common Name: Chital Scientific Name:







Course Code: ZC613P DEVELOPMENTAL BIOLOGY

PRACTICALS (CREDITS 2)

- Study of whole mounts and sections of developmental stages of frog through permanent slides: Cleavage stages, blastula, gastrula, neurula, tail-bud stage, tadpole (external and internal gill stages)
- Study of whole mounts of developmental stages of chick through permanent slides: Primitive streak (13 and 18 hours), 21, 24, 28, 33, 36, 48, 72, and 96 hours of incubation (Hamilton and Hamburger stages)
- Study of the developmental stages and life cycle of Drosophila from stock culture
- Study of different sections of placenta (photomicrograph/ slides)
 - Project report on Drosophila culture/chick embryo development

Course Code: ZC102P

PRINCIPLES OF ECOLOGY

PRACTICALS (Credits 2)

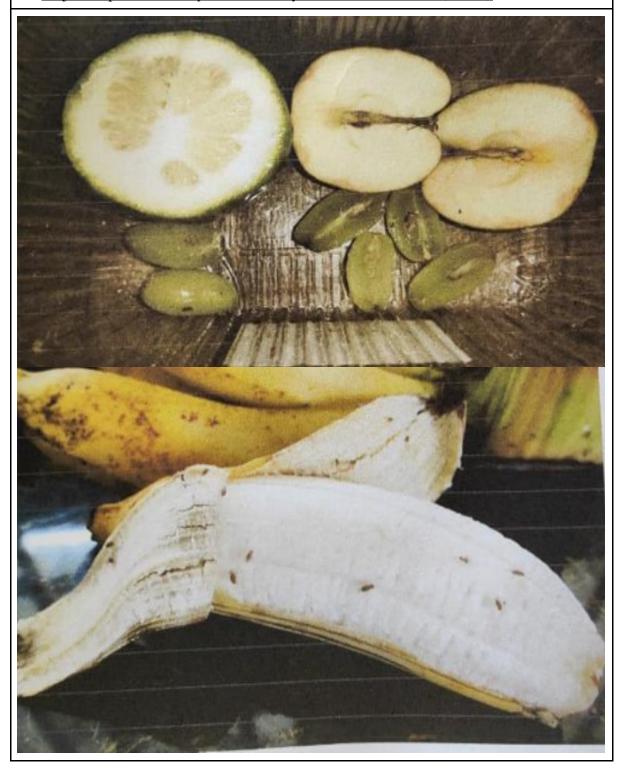
- Study of life tables and plotting of survivorship curves of different types from the hypothetical/real data provided
- Determination of population density in a natural/hypothetical community by quadrate method and calculation of Shannon-Weiner diversity index for the same community
- Study of an aquatic ecosystem: Phytoplankton and zooplankton, Measurement of area, temperature, turbidity/penetration of light, determination of pH, and Dissolved Oxygen content (Winkler's method) and free CO₂
- Report on a visit to National Park/Biodiversity Park/Wild life sanctuary/Reserved forest

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11. Project Report on *Drosophila* culture by 5th Semester student (CBCS)









12. Syllabus of project work on Biology of Insecta paper (CBCS)

Course Code: ZD504P BIOLOGY OF INSECTA

PRACTICAL (CREDITS 2)

- 1. Study of one specimen from each insect order
- 2. Study of different kinds of antennae, legs and mouth parts of insects
- 3. Study of head and sclerites of any one insect
- 4. Study of insect wings and their venation.
- 5. Prepare permanent slide of insect spiracles
- 6. Methodology of collection, preservation and identification of insects.
- 7. Morphological studies of various castes of Apis, and Odontotermes
- 8. Study of any three insect pests and their damages
- 9. Study of any three beneficial insects and their products

Field study of insects and submission of a project report on the insect diversity

SUGGESTED READINGS

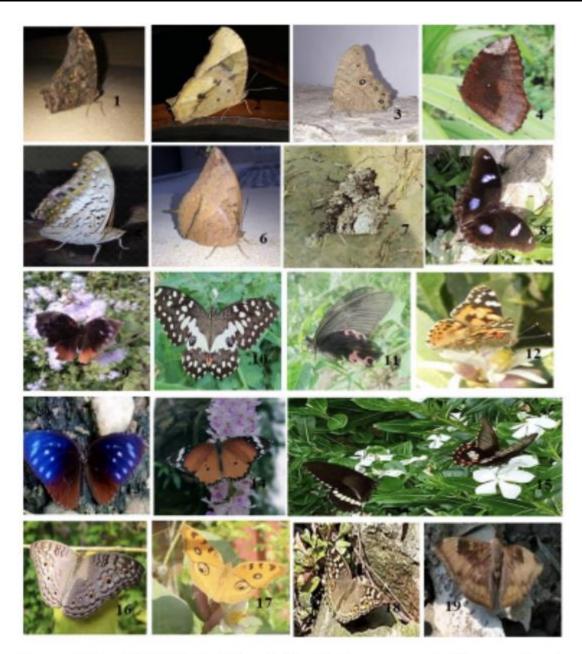
A general text book of entomology, Imms , A. D., Chapman & Hall, UK
The Insects: Structure and function, Chapman, R. F., Cambridge Universit Press, UK
Principles of Insect Morphology, Snodgrass, R. E., Cornell Univ. Press, USA
Introduction to the study of insects, Borror, D. J., Triplehorn, C. A., and Johnson, N. F., M Saunders College Publication, USA
The Insect Societies, Wilson, E. O., Harward Univ. Press, UK
Host Selection by Phytophagous insects, Bernays, E. A., and Chapman, R. F., Chapman and Hall, New York, USA
Physiological system in Insects, Klowden, M. J., Academic Press, USA
The Insects, An outline of Entomology, Gullan, P. J. , and Cranston, P. S., Wiley Blackwell, UK
Insect Physiology and Biochemistry, Nation, J. L., CRC Press, USA







13. Project report on Insect diversity by 5th Semester students (2022)

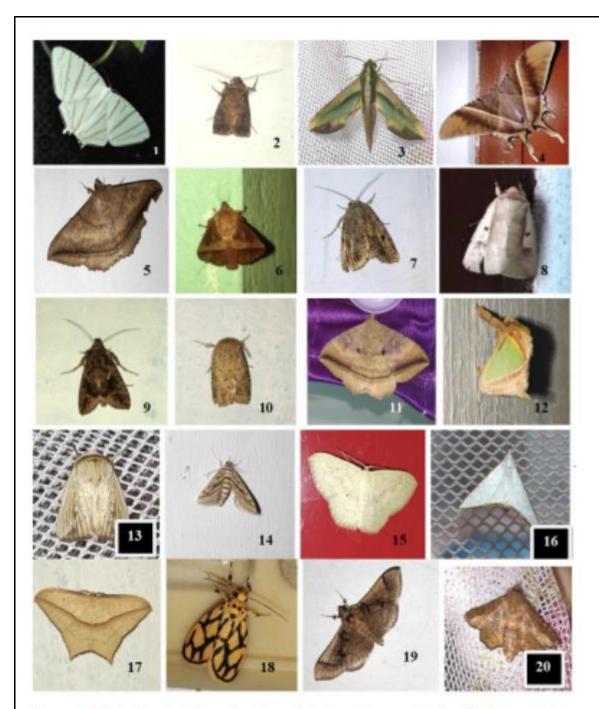


Images 1-19: 1,2,3 Melanitis leda; 4 Elymnias hypermnestra; 5. Charaxes solon; 6. Charaxes bernardus; 7. Kaniska canace; 8. Hypolimnas bolina; 9. Elymnias hypermnestra; 10. Papilio demoleus; 11. Papilio protenor; 12. Vanessa cardui; 13. Euploea mulciber; 14. Danaus chrysippus; 15. Papilio polytes; 16. Junonia atlites; 17. Junonia almana; 18. Junonia lemonias; 19. Euthalia aconthea









Images 1-20: 1. Urapteroides astheniata; 2. Autographa precationis; 3. Pergesa acteus;
 Lyssa zampa; 6. Thosea magna; 7. Sodoptera frugiperda; 9. Trichoplusia ni; 12.
 Parasa sp 13. Leucania adjuta 15. Scopula sp; 16. Ramila sp; 17. Timandra sp; 18. Lyclene conjunctana 20. Heterostegane subtessellata

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14. Project report on Quail farming by 5th Semester students (2022)

'A study on Japanese quail (Coturnix coturnix japonica) farming in Sonari, Charaideo district of Assam: Its problems and prospects."

A Project report submitted to Dibrugarh University for partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology.





Submitted by,

JINTU DOIMARI

Roll No: 27720050
Registration No: S165965
6th Sem
Department of Zoology
Sonari College
2019









Photo plate 1:

3 colored varieties of quails were recorded during the study





Photo plate 2:

A. Female Quail

B. Male quail.

Identification: Marks and colours of feathers on the breasts.



Photo plate 3:

Quail eggs showing different patterns.







14. <u>Field trip to Likabali and Pasighat in 2019 and 2020 respectively from Education department</u>











15. <u>Field trip to Parakhuramkunda</u>, <u>Arunachal Pradesh and Jiadhol</u>, <u>Dhemaji in 2022 and 2023 respectively from Education department</u>

















SYLLABUS OF THE UG PROGRAMME IN EDUCATION DIBRUGARH UNIVERSITY B.A. IN EDUCATION (HONOURS)

DSEED604: PROJECT REPORT

CREDIT: 6

[MARKS: 100 (IN-SEMESTER: 20; END-SEMESTER: 80)]

Expected Learning Outcome: After completion of this course, the student will be able to :

1. explain the process of conducting a Project.

2. identify the problems for the Educational Project.

3. solve problems faced in the educational field through projects.

4. prepare a project report.

Unit	Content	Marks	L	P	T
I	1.0 Introduction to the Project 1.1 Concept of Project 1.2 Characteristics of a good project 1.3 Steps of conducting a project Identification of Problem Formulation of Objective Preparation of Tools: Questionnaire, Rating Scale, Interview Schedule, Check list etc. Selection of Sample Collection of Data Analysis and interpretation of data Report Writing 1.4 Challenges of conducting a Project (The teacher will have to take theory classes on the topics assigned in this unit)		10		

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П	2.0 Preparation of Project report: The student shall have to conduct a project under the supervision of a teacher and submit a project report consisting of the following: Title of the Project Introduction Rationale of the study Objectives of the Study Method and procedures followed (Description of the tools and techniques used, procedure of Collection of Data and procedure of analysis of data) Analysis and Interpretation of data with illustrations Findings of the study (The teacher shall provide guidance to the students throughout the Project.)	5	
	Total		

In-semester Assessment:

Marks 20

Conducting the project and preparing the report
 Sessional Tests on the content of the first unit:
 Marks 10

3) Attendance:

Marks 5

End-Semester Assessment:

80

The end-semester assessment will be based on the project report and viva voce. The assessment will be carried out by a team of examiners consisting of at-least one external examiner and one internal examiner. The distribution of marks will be as follows:

Project report: 60

Viva Voce: 20

ono

Dr. Pronita Kalita
HoD & Assistant Professor
Department of Education
Sonari College

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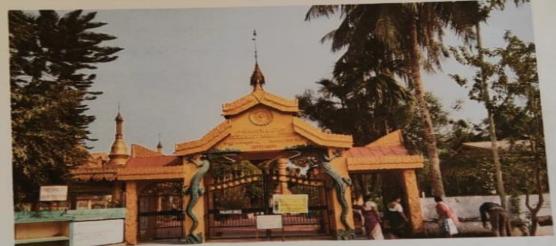


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17.. A field study report on Namphake from History department on 2017

REPORT ON FIELD TRIP CUM EXCURSION TO MERBIL & NAMPHAKE (12.10.2017)





SUBMITTED BY

MOUSUMI DOIMARI (4th Semester)

DEPARTMENT OF HISTORY

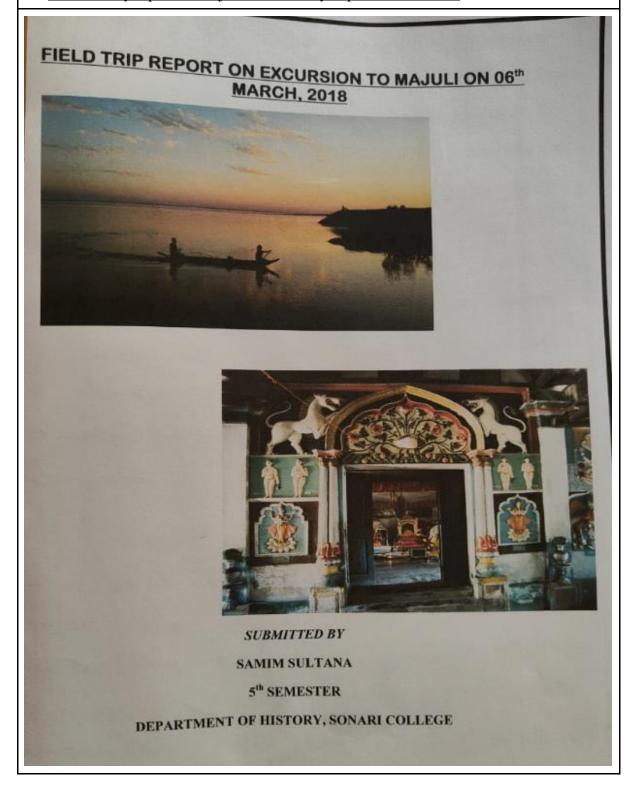
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18. A field study report on Majuli from History department on 2018









19. A study report on historic places of Tezpur from History department on 2019

d study

ic: Historical places of Tezpur - 2019

mitted to

Lindy L.Goodwin

stant professor

artment of History

ari College

Submitted by

Pujashree Bora

B.A.5th Semester

Department of History

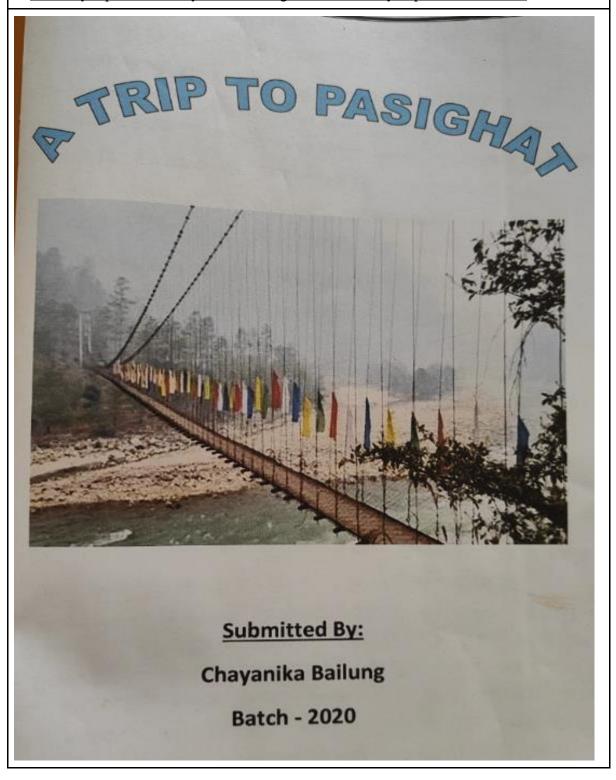
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20. A study report on Eco-system on Pasighat from History department on 2022

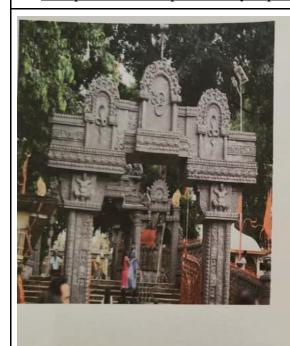








21. Glimpses of field trip of History department















22. Glimpses of field trip of History department









23. Syllabus of Field study course of History department

TOURISM IN NORTHEAST INDIA: HISTORICAL DIMENSIONS

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20

80

In- Semester Marks Semester V

End- Semester Marks: 100 Course: X Total Marks

10 to 12 classes per unit

Objective:

This paper intends to give the students an idea about Tourism in North-East India with special reference to the historical monuments and places of the northeastern region of the country as heritage sites of the nation. It aims to acquaint them with the growing vocation of tourism as an industry and the applicability of historical knowledge for its growth.

Unit: 1 Marks: 16

1.01 : Tourism - Concept, meaning and significance: Different types of Tourism.

1.02 : Historical Tourism; Preservation of Historical Sites and Remains

LW1.03 : Elementary Geography of North East India, land and rivers, climatic

conditions

1.04 : Population Structure and languages of North - East India.

Unit: II Marks: 16

2.01 : Remains of Goalpara

2.02 : Madan Kamdev, Ambari Excavations, Tezpur (Da Parvatia, Bamunipahar)

P 2.03 : Deopahar, Malinithan, Remains of Daiyang Dhansiri Valley

2.04 : Ahom Architecture: Charaideo, Gargaon, Rangpur

Unit: III Marks: 16 3:01 :

Kachari Architecture: Dimapur, Kasomari, Maibong and Khaspur' 3.02 :

Temple Architecture: Kamakhya, Hayagriva Madhava,

D 3.03 : Temple Architecture in Sivasagar

3.04 : Poa Mecca, Hajo; Azan Pir Dargah.

Unit: IV Marks: 16

Jonbil Mela, Ambubachi fair at Kamakhya; Ras celebrations in Majuli. 4.01 :

Fesivals : Bihu, Ali Aye Ligang , Mopin festival, Tai-Buddhist Festivals in 4.02 10

Assam

4.03 : Satra Culture and Bhaona



Page 36 of

Tourist Festivals based on ethnic culture: Horn Bill Festival, Dihing Pat 4.04

Festival

Marks: Unit: V

History of Wildlife Conservation in North - East India 5.01

Important Wildlife Habitats: Kaziranga, Manas, Orang. Gibon, Pobit 5.02

Nameri, Dibru Saikhowa and Namdapha, Rain Forests of Assam.

Places of tourist interest in North- East India: Shillong, Cherapunjee, Jatii 5.03 :

Tawang, Kohima

Text Books:

: Tourism in North-East India Bezbarua, M

: The Story of Tourism: An Enchanting Journey through India Bora, S, & Bora, M. C

North-East

: Paryatanar Ruprekha: Uttar Purbanchalar Itihas Aru

Sanskritir Patabhumi

: Assam -Land and People Deka, Hitesh

: Paryatan – Iyar Bikash. (2006 edition) Gogoi, P & Nath, D.

North East

Reference Books:

: Tourism in India: Policy and Perspectives. Bala, Usha

: Assamar Loka Sanskriti. Barua, B.K.

: Wonder that was India, Delhi, 1994. Basham, A.I.

: The Comprehensive History of Assam, Guwahati -1994 Barpujari, H.K.

: Tourism in India.

: The History of Civilization of the People of Assam to the 12 Bhatia, A. K. Choudhuri, P.C.

Century A.D., Guwahati, 1966.

: All Publications. LT.D.C.

: Tourism: Past, Present and Future, Madik, B.

: Background of Assamese Culture, Guwahati, 1978. Nath, R.M. : Asamiya Sanskriti Ruprekha, Guwahati- 1970

Neog, M

: Pabitra Asam. Neog, M.

: Architecture of Assam, Delhi - 1988 Sarma, P.

: Archaeology of North-East India. Sengupta, G*

Singh, J. P. & : Art and Culture of North-East India. Vidyarthi, L.P. . (ed.)

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FIELD TRIP REPORT



PLACE: GUIJAN, TINSUKIA, ASSAM

YEAR: 2020

DEPARTMENT OF ENGLISH SONARI COLLEGE







25. Glimpses of field trip of English department



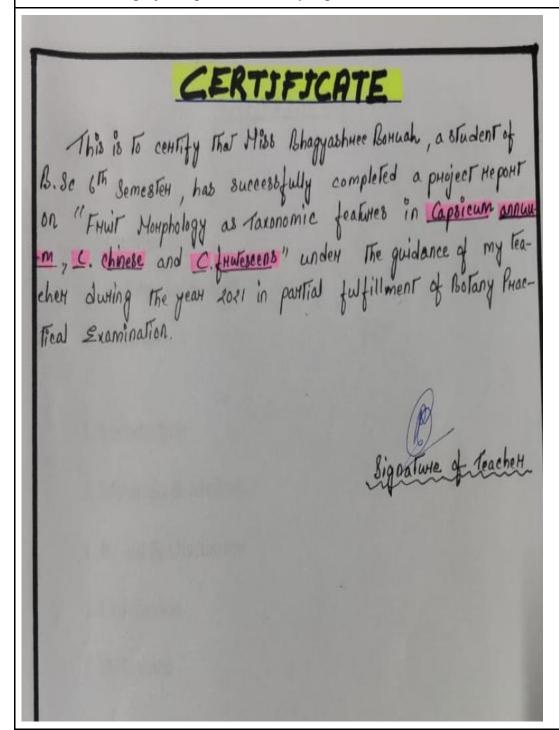








26. Certificate of project report from Botany department









27. Project report from Botany department



ON

"FRUIT MORPHOLOGY AS TAXONOMIC FEATURES IN Capsicum annuum, C. chinese and C. frutescens



A Project Report Presented to the Department of
Botany



Submitted by----

Name -Bhagyashree Boruah Roll No -24920066 Reg.No-S1839064 Class - B.Sc 6th SEM

Year-2021







28.. Certificate of Project report from Botany department

CERTIFICATE

This is to certify that Sri NabaJyoti Boruah a student of B.sc 6th sem of Botany Department of Sonari College, Dibrugarh university, has prepared a project report on "The Disease and tea Pests of Tea plants", the report submitted by her is the therefore genuine.

Sri Mridupaban Das

Dept. of Botany

Sonari College, Sonari







EDIBLE PLANTS FOUND IN LOCAL TEA GARDEN MARKET





Submitted by:

HEROKJYOTI DUARAH

Roll No:22020033

Regn No.:S1502677

Department Of Botany

B.Sc. 6th Semester,2018







30. Certificate of Project report from Botany department

CERTIFICATE

This is to certify that project report entitled "Edible Plants Found in Local Tea Market" submitted by Sri Herokjyoti Duarah, student of Sonari College, B.Sc. 6th Semester, Dept. of Botany, Roll No.-22020033, Reg. No.-S1502677.

He has completed the project work sincerely under Prof. Phanindra Baruah, Dept. of Botany.

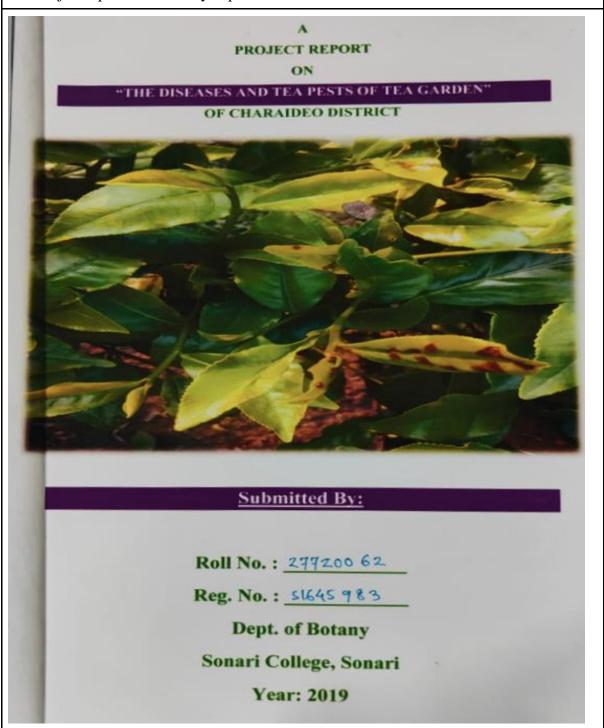
Signature
Prof. Phanindra Baruah
Dept. of Botany







31. Project report from Botany department









33. Syllabus of Field study work of department of Botany

:80

Course Code: BC410P

Core Course X - Practical: Plant Systematics

Practical

 Study of vegetative and floral characters of the following families (Description, V.S. flower, section of ovary, floral diagram/s, floral formula/e and systematic position according to Bentham & Hooker's system of classification):

Locally available plants of the following families-

Magnoliaceae, Brassicaceae, Apiaceae, Asteraceae, Solanaceae, Lamiaceae,

Euphorbiaceae, Zingiberaceae, Orchidaceae, Poaceae

Field visit (local) - Subject to grant of funds from the university.

Mounting of a properly dried and pressed specimen of any wild plant with herbarium label (to be submitted in the record book).

Suggested Readings

- Singh, (2012). Plant Systematics: Theory and Practice Oxford & IBH Pvt. Ltd., New Delhi.
 3rd edition.
- Jeffrey, C. (1982). An Introduction to Plant Taxonomy. Cambridge University Press, Cambridge.
- Judd, W.S., Campbell, C.S., Kellogg, E.A., Stevens, P.F. (2002). Plant Systematics-A Phylogenetic Approach. Sinauer Associates Inc., U.S.A. 2nd edition.
- 4. Maheshwari, J.K. (1963). Flora of Delhi. CSIR, New Delhi.
- 5. Radford, A.E. (1986). Fundamentals of Plant Systematics. Harper and Row, New York.

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34. Syllabus of Project work (dissertation) of department of Chemistry

CBCS: B. Sc. (Honours) with CHEMISTRY

Discipline Specific Elective (DSE) Course

Course No.: CHEMISTRY-DSE-603

Dissertation (Project Work)

Full Marks-100 [Dissertation (80) Internal Assessment (20)]

(Credit-6)

Objective of the Course: To develop the written and verbal communication. To present information in a clear an effective manner, to write report in a scientific style and to solve scientific problems.

Expected Learner Outcome: Students will gain an understanding of: ---

- Communication effectively, verbally and written for the purpose of conveying chemical information to both professional scientists and to the public.
- ii. Availability of instrument for conducting specific, scientific research

 In this paper students have to carry out project work (Laboratory experiments or

 Comprehensive Review work on a specified topic) either at their respective colleges or any

 other R&D laboratory and UGC recognized the University under guidance of a faculty member.

 The student may start their project work during the semester break between fifth and sixth semester.

The area of work is to be decided by the advisor.

On completion of the project work students have to submit the work in the form of a dissertation followed by oral presentation in the presence of faculty member and an external expert.

[Mark Distribution for evaluation of the Project Work

- A. Laboratory Experiment
- 1.Literature Review 5 Marks
- 2.Objectives 5 Marks
- 3.Experimental work 25 Marks
- 4.Results & Discussions 25 Marks

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CERTIFICATE

This is to certify that SUKALYAN CHANGMAI has carried out the project work entitled "A PROJECT REPORT ON ADSORPTION OF ACETIC ACID IN DIFFERENT CHARCOAL" bearing Roll No:27720092 under my supervision in the laboratories of the Department of Chemistry, Sonari College, Sonari, is found suitable for submission to the partial fulfillment of the requirements for the award of the Degree of Bachelor of Science in Chemistry.

This work in the present from or in part has not been submitted any where for any other diploma in degree.

Dr. Rana konwar

Head of Department

Department of Chemistry

Sonari College, Sonari

Messed of the Desperament Dept of Chemistry Sonan College

Dr. Rana Konwar

Supervisor

Department of Chemistry

Sonari College, Sonari

Principal SONARI COLLEGE SONARI





36. Certificate of Project work (dissertation) of department of Chemistry (2022)



Department of Chemistry

Sonari College, Sonari Charaideo-785690, Asssam, India

Mr Bikash Kumar Sarmah

Date: 16-07-2022

Assistant Professor, Dept. of Chemistry

CERTIFICATE

This is to certify that the project work entitled 'Synthesis and Spectroscopic Characterization of the Metabolic Byproduct Hippuric Acid' submitted by Parismita Murmu, a student of 6th semester to the Department of Chemistry, Sonari College, Sonari, affiliated to Dibrugarh University is carried out under my supervision and is found suitable to submit for the partial fulfillment of the B.Sc. Degree in Chemistry. This work, in the present form or in part, has not been submitted for any purpose elsewhere.

I wish her great success in future.

Place Gonari college, Sonari

Bikash Ke Salmes Signature of Guide

(Bikash K. Sarmah)

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37. Certificate of Project work (dissertation) of department of Chemistry (2022)



Department of Chemistry

Sonari College ,Sonari

Charaideo - 785690, Assam, India

Suchitra Narayan Rajkhowa

Date: 2.05. 2023

Associate Professor(Dept. of Chemistry)

CERTIFICATE

This is to certify that the project work entitled "To analysis the physicochemical parameter of three ancient ponds of Sonari" submitted by Jyoti Kumari Sah, a student of 6th sem of the Department of Chemistry, Sonari affiliated to Dibrugarh university is carried out under my supervision and is found suitable to submitted the partial fulfillment of the B.Sc. Chemistry. This work in the present form in part, has not been submitted for any purpose elsewhere.

I wish her great success in future.

Place: Sonari College

Signature of Guide

Suchitra NarayanRajkhowa

Principal
SONARI COLLEGE
SONARI





38. Certificate of Project work (dissertation) of department of Chemistry (2023)



Head, Department of Chemistry Sonari College, Sonari Charaideo-785690, Asssam, India

Mr Amrit Kumar Borpuzari

Place: Sonari College

Associate Professor, Dept. of Chemistry(HOD)

Date: 2.05 . 2023

CERTIFICATE

This is to certify that the dissertation report entitled, 'Analysis of Phisico- Chemical Parameter of water of Sonari Pukhuri, Rajapukhuri and Borpukhuri of Sonari' submitted to the Department of Chemistry, Sonari College is a record of project work carried out by Jyoti Kumari Sah. The Examinad Showing med Salara Sa project meets all the requirements of B.Sc. project. Further, it is also certified that the project has not been submitted for any purposes elsewhere.

(Amrit Kumar Borpujari)

Principal NARI COLLEGE





39. Certificate of Project work (dissertation) of department of Chemistry (2023)



Head Department of Chemistry

Sonari College, Sonari Charaideo-785690, Assam, India

Mr Amrit Kumar Borpuzari Assistant Professor, Dept. of Chemistry(HOD)

Date: 2/5/23

CERTIFICATE

This is to certify that the dissertation report entitled. Green Synthesis of Schiff base using natural acid catalyst submitted to the Department of Chemistry, Sonari College is arecord Enamination of been submitted for any purposes of the submitted for any purpose of the submitted for any pur of project work carried out by Nazia Sultana Choudhury. The project meets all the requirements of B.Sc. project.

Further, it is also certified that the project has not been submitted for any purposes elsewhere.

Place: Sonari College

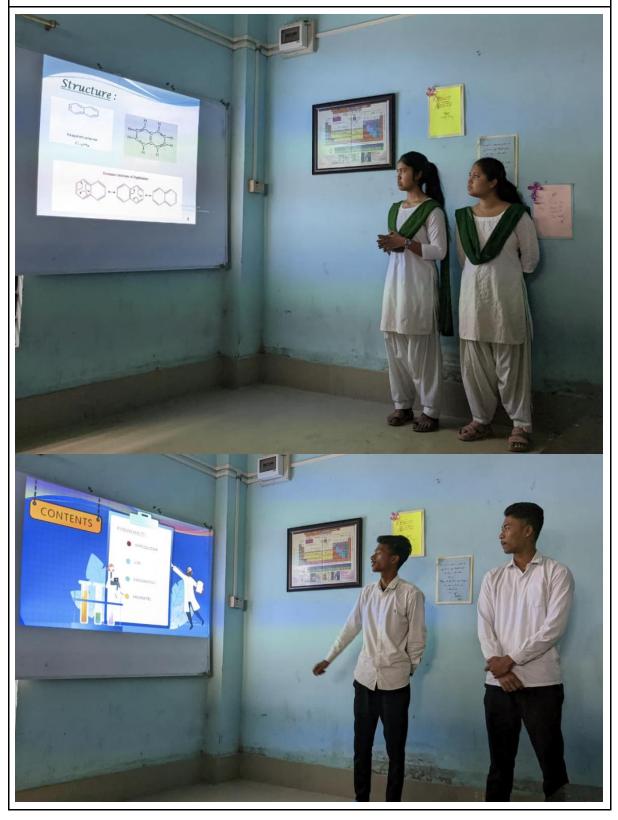
(Amrit Kumar Borpuzari)

SONARI COLLEGE





40. Students of Chemistry presenting dissertation









41. Field trip to Dihing Patkai Wildlife Sanctuary (2019) and Nameri National Park (2023) from Botany department







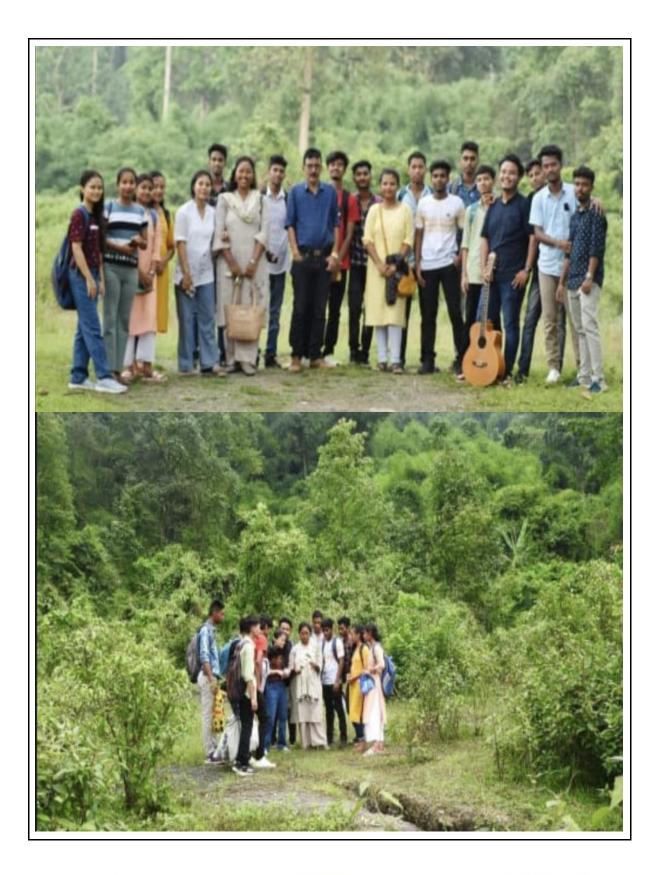


















স্নাতক পর্যায়ৰ অসমীয়া উচ্চমানৰ পাঠ্যক্রম (মূল বিষয়ৰ লগত জড়িত নির্বাচনমূলক পাঠ্যক্রম, যিকোনো চাৰিখন কাকত) প্রকল্প (Project) পাঠ্যক্রমৰ সংখ্যাঃ DSE-4(B) [৬ ক্রেডিট]

[পাঠদান ঃ ১৪ x ৫= ৭০ (৫ক্রেডিট) অনুশিক্ষণ ঃ ১৪ x ১= ১৪ (১ক্রেডিট)]

भूठे नचन : ১००

চূড়ান্ত পৰীকাৰ মূল্যায়ন ঃ ৮০ আভ্যন্তৰীণ মূল্যায়ন ঃ ২০

গৱেষণা কৰ্মন সাধাৰণ ধাৰণাসহ প্ৰায়োগিক ক্ষেত্ৰত গৱেষণা কৰ্ম সম্পাদনৰ অভিজ্ঞতা প্ৰদানৰ বাবে এই কাকতখন প্ৰস্তুত কৰা হৈছে। ইয়াৰ অন্তৰ্গতভাৱে ছাত্ৰ-ছাত্ৰীসকলক গৱেষণাৰ বাবে বিষয় নিৰ্বাচন, গৱেষণাৰ উদ্দেশ্য, পদ্ধতিৰে সৈতে গৱেষণা কৰ্ম সম্পাদন বিধিৰ পৰিচয় দি অসমীয়া ভাষা, সাহিত্য অথবা সংস্কৃতিৰ লগত জড়িত কোনো এটি বিষয় অধ্যয়নৰ বাবে বাচি লোৱাত শিক্ষকসকলে সহায় আগবঢ়াব। গৱেষণাৰ বিধি-নিয়ম অনুসৰণ কৰি অধ্যয়নৰ অন্তত প্ৰকল্পটিৰ প্ৰতিবেদন প্ৰস্তুত কৰিব লাগিব।

মুঠ শ্রেণী সংখ্যা : ৮৪ (পাঠদান + অনুশিক্ষণ)

শসংগ পুথি ঃ

গাংখনা প্রণালীতত্ত্বঃ মহেন্দ্র বর্ষ, অসমীয়া বিভাগ, ডিব্রুগড় বিশ্ববিদ্যালয়
গারে গা পদ্ধতি পৰিচয়ঃ নাং শইকীয়া. কৌস্তুভ প্রকাশন, ডিব্রুগড়
গারেষ হাতপুথিঃ বঞ্জন ক বতা (সম্পা), তেজপুর কলেজ , সাক্ষাই স্কাশ স্কারেষণা প্রতি বিজ্ঞানঃ পল্লা ডেকা বুজববৰুরা, বনলতা, ডিব্রুগড়

Head of the Department Dept of Assamese

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43. Application for project work of Assamese department to Majuli (2021)

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44. List of Students went to Majuli for project work (2021)

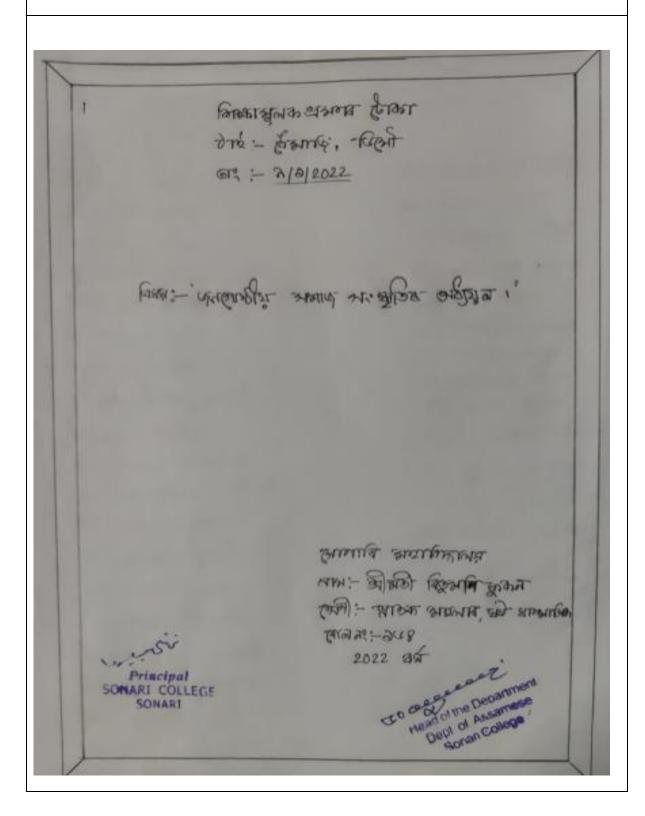
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25. Padma Chining	
26. Murchana Barah	
27. Pinty Bakti	
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45. Project report of Assamese department to Demow, Dhemaji (2022)









46. List of Students went to Demow, Dhemaji for project work (2022)

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47. Application for project work of Assamese department to Mahmora Mising Gaon (2023)

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48. List of Students went to Mahomora for project work (2023)

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50. List of Students went to Disangpani for project work (2023)

एकत जर्वडएमरेन लाग हात-हार्जीव जानिका! अगिः पिषाः जाती, कलामायाव Maria: 22/06/2026, \$18 भाग्रक विप्रकी कराज्ञ 21 1 फर्का 1) ए। " आखिश्विद्या क्राप्त १। मीमिनिकामा गामन a। " अर्किन मीम ८। ५ छः किछा वदा में बुझा लग्न विक्षेत्रिणेया nead of the Department Dept of Assamese Sonan College







51. Glimpses of Field study Tour of Assamese department









