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Government of West Bengal

Office of the Principal

GOVERNMENT GENERAL DEGREE COLLEGE, KESHIARY

At.-Telipukur : P.O.- Tilaboni Mahisamura : P.S.- Keshiary

Dist- Paschim Medinipur : PIN-721135

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Criteria 1 : Curricular Aspects

1.3. Curriculum Enrichment

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

Contents

Project Report/Field Report with Photographs of the Following Departments

Botany

Botany

Zoology

Bengali

Bengali

Santali

Anthropology

Political Science

Chemistry




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List of Project Work/Field Work/Internship/Apprenticeship during the last year

Sl. No.	Project Work/Field Work/Internship/Apprenticeship	Organizing Department/Course	Number Of Students Participated
1.	Field Work	Botany	32
2.	Field Work	Botany	32
3.	Field Work	Zoology	17
4.	Project Work	Bengali	14
5.	Project Work	Bengali	20
6.	Project Work	Santali	09
7.	Field Work	Anthropology	03
8.	Project Work	Political Science	11
9.	Project Work	ENVS	204
	Total		342




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FIELD WORK RELATED SYLLABUS OF DEPARTMENT OF BOTANY

UG CBCS SEM-IV SYLLABUS OF BOTANY HONS.

C9P: Plant Ecology and Phytogeography

Credits 02

Practical

1. Study of instruments used to measure microclimatic variables: Soil thermometer, maximum and minimum thermometer, anemometer, psychrometer/hygrometer, rain gauge and lux meter.
2. Determination of pH of various soil and water samples (pH meter, universal indicator/Lovibond comparator and pH paper)
3. Analysis for carbonates, chlorides, nitrates, sulphates, organic matter and base deficiency from
4. two soil samples by rapid field tests.
5. Determination of organic matter of different soil samples by Walkley & Black rapid titration
6. method.

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http://www.vidyasagar.ac.in/Downloads/ShowPdf.aspx?file=/UG_Syllabus_CBCS_FULL/BSC_HONS/Botany_Hons.pdf

7. Comparison of bulk density, porosity and rate of infiltration of water in soils of three habitats.
8. Determination of dissolved oxygen of water samples from polluted and unpolluted sources.
9. (a). Study of morphological adaptations of hydrophytes and xerophytes (four each).
(b). Study of biotic interactions of the following: Stem parasite (*Cuscuta*), Root parasite (*Orobanchae*) Epiphytes, Predation (Insectivorous plants).
10. Determination of minimal quadrat size for the study of herbaceous vegetation in the college campus, by species area curve method (species to be listed).
11. Quantitative analysis of herbaceous vegetation in the college campus for frequency and comparison with Raunkiaer's frequency distribution law.
12. Quantitative analysis of herbaceous vegetation for density and abundance in the college campus.
13. Field visit to familiarise students with ecology of different sites.




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PERMISSION LETTER

Memo No. 301/GGDCK/2022, Dt. 30/11/2022

Constitution of the team for academic field visit from the Dept. of Botany, GGDCK, Keshiary

A Local Botanical excursion has been arranged by the Department of Botany for 1st Sem. 3rd Sem and 5th Sem Honours students (32 students, 18 female and 14 male) along with 03 (Three) teachers to Acharya Jagadish Chandra Bose Indian Botanic Garden, Shibpur and adjoining places on 09.12.2022 (Friday). List of students and teachers are given below:

Sl. No.	NAME	SEMESTER	AGE	CONTACT NUMBER
1	BIDISHA GIRI	Sem-V	21 years	7906620902
2	DISHA BARMAN	Sem-V	20 years	9339497439
3	TANIMA PATAR	Sem-V	21 years	8653199970
4	KUHELLI ROY	Sem-V	21 years	9821164883
5	SUBHASRI MAHAPATRA	Sem-V	21 years	7478070529
6	APARUJA MAHAPATRA	Sem-III	20 years	8582946239
7	NILSAGHRI	Sem-III	20 years	9883495083
8	SANCHITA MAHAPATRA	Sem-III	20 years	8748984093
9	REKHASHAI	Sem-III	20 years	8380811769
10	BULTI BARIK	Sem-I	19 years	9612576113
11	SNEHA SAU	Sem-I	19 years	7365068658
12	MUMMITA KUNJHI	Sem-I	19 years	9609779020
13	SITANHA SAHOO	Sem-I	19 years	6295007913
14	SHREYA MANNA	Sem-I	19 years	8597408044

Sl. No.	NAME	SEMESTER	AGE	CONTACT NUMBER
1	SOUVIKMAITY	Sem-V	20 years	6297032922
2	TANMOY DE	Sem-V	21 years	62962899455
3	BURABERA	Sem-III	20 years	7863453950
4	BAPPADITYABERA	Sem-III	20 years	7384648340
5	MITHUNSKU	Sem-III	21 years	7319350264
6	BASHIREY MANNA	Sem-I	19 years	8918552712
7	SIBHANKAR DAS	Sem-I	19 years	7797409910
8	MANIK GHOSH	Sem-I	19 years	7601906420
9	SIBHAJIT JANA	Sem-I	19 years	9832352422
10	NANDAGOPAL BARAN	Sem-I	19 years	9064659520
11	AREHA PRAVA MAITY	Sem-I	19 years	8918097313
12	SAIKAT PRADHAN	Sem-I	19 years	8944856568
13	SANTANI RANA	Sem-I	19 years	9800952759
14	SOLIMEN SAU	Sem-I	19 years	8927173763
15	SHRISENDU DUTTA	Sem-I	19 years	7584948115
16	NILMADHAB GHOSH	Sem-I	19 years	9002300291
17	AVIJIT SAU	Sem-I	19 years	9413330741
18	MANAS SAHOO	Sem-I	19 years	7047761693

Sl. No.	NAME	Designation	Contact number	Assigned duty
1	Dr. Nilay Kumar Maitra	Head & Asst. Prof. in Botany	877729740	Leader of the team & guide at Indian Botanic Garden
2	Dr. Susanta Kumar Maity	Asst. Prof. in Botany	8250368072	Guide at Central National Herbarium
3	Sri Sk Md Ismail Al Amin	Asst. Prof. in Botany	8145200647	Guide at Central Botanical Laboratory

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Memo No. 301/GGDCK/2022, Date: 30.11.2022

From: The Principal, Government General Degree College, Keshiary

To: Head of the Office, Central National Herbarium, Shibpur, Howrah, West Bengal

Subject: Request for necessary permission for conducting academic field tour to Central National Herbarium by the students of the Dept. of Botany, Govt. Gen. Degree College, Keshiary on 09.12.2022

Sir,

I would like to inform you that a Botanical excursion as per University Curriculum has been arranged by the Department of Botany, Govt. General Degree College, Keshiary consisting of 32 (Thirty Two) students and 03 (Three) teachers (list attached) to Central National Herbarium, Shibpur under the guidance of Dr. Nilay Kumar Maitra (Head and Asst. Prof. Dept. of Botany), Dr. Susanta Kumar Maity (Asst. Prof. Dept. of Botany) and Sri Sk Md Ismail Al Amin (Asst. Prof. Dept. of Botany) on 09.12.2022 (Friday). In this regard I request your good office to issue necessary permission.

Thanking you in anticipation of your kind cooperation.

Yours faithfully,

Dr. Nilay Kumar Maitra
Officer-in-Charge
Govt. Gen. Degree College
Keshiary

Received at CNH
by Sudipta Sarda
Bot. Asst. CNH

Dated: 28.11.2022

To
The Director
PUSPANJALI NURSERY, JAKPUR, JAKPUR,
Paschim Medinipur

Sir,

A Botanical excursion as per University Curriculum has been arranged by the Department of Botany, Govt. General Degree College, Keshiary consisting of 18 students to PUSPANJALI NURSERY, JAKPUR under the guidance of Dr. Nilay Kumar Maitra (Head and Asst. Prof. Dept. of Botany), Dr. Susanta Kumar Maity (Asst. Prof. Dept. of Botany) and Sri Sk Md Ismail Al Amin (Asst. Prof. Dept. of Botany) on 15.12.2022 (Thursday).

The team will visit the nursery, Palm house, Medicinal Plant Garden etc. We are request you to demonstrate the horticultural techniques to our students for their enlightenment.

In this regard please do needful and oblige.

Thanking you.

Countersigned
Dr. Nilay Kumar Maitra
Officer-in Charge
Govt. Gen. Degree College, Keshiary

Dr. Susanta Kumar Maity
Head
Department of Botany
Govt. Gen. Degree College, Keshiary

Dr. Nilay Kumar Maitra
Officer-in-Charge
Govt. Gen. Degree College
Keshiary

Dr. Susanta Kumar Maity
Head
Dept. of Botany
Govt. Gen. Degree College, Keshiary

Received.
15/12/22



Dr. Nilay Kumar Maitra
Officer-in-Charge
Govt. Gen. Degree College
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FIELD TRIP OF DEPARTMENT OF BOTANY



Educational tour to AJC Bose Indian Botanical Garden, Shibpur, Howrah on 22.04.2022



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Educational tour to Ashok-Puspanjali Nursery, Jakpur, Kharagpur on 15.12.2022



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**Educational tour to AJC Bose Indian Botanical Garden, Shibpur,
Howrah on 09.12.2022**



Anil Chakraborty
Officer-in-Charge
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SAMPLE COPIES OF FIELD REPORT OF DEPARTMENT OF BOTANY

Govt. General Degree college, Keshiary



Field Report of the Excursion To The Puspanjali Nursery at Jakpur

Report submitted by: **Bappaditya Bera**

Roll: **1123113**

No: **210012**

Regd. No: **VU211012486** of : **2021-22**



Bhaskar
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A local botanical excursion at the Puspanjali Nursery at Jakpur

DATE OF VISIT: 15th December, 2022

PLACE OF VISIT: Puspanjali Nursery at Jakpur

THE PARTICIPANTS:

The excursion involved all the 3rd semester students of the Department of Botany Hons. accompanied by faculty members Dr. Nilay Kumar Maitra, Head, Dept. of Botany, Dr Susanta Kumar Maity, Assistant Professor in Dept. of Botany and Sk Md Ismail Al Amin, Assistant Professor in Dept. of Botany .

OBJECTIVES OF THE EXCURSION

The specific objectives of the excursion were as follows:

- To learn about various aspects of Nursery establishment starting from the infrastructure and manpower required.
- To learn about the selection of ornamentals for indoor and outdoor purposes.
- To learn about the different methods used for plant propagation on a large scale for commercial purposes, their protection and final plantation in bags and pots for sale.
- To gain hands-on training about cutting, grafting and pruning of the plants.
- To observe and study various plant species in their natural habitats.
- To understand the ecological roles and adaptations of different plants.
- To learn about conservation efforts and the importance of biodiversity.
- To gain hands-on experience and enhance observational skills.




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OVERVIEW OF PUSPANJALI NURSERY AT JAKPUR

Started our operations in the year 1977, Puspanjali Nursery, are known for manufacturing, supplying and trading a wide range of the finest quality Flower & Fruit Plants. The product range offered by us consists of Fruit Crop Seedling, Flowering Plant, Fruit Seedling Plant etc. These offered flower and fruit plants are cultivated under hygienic environment by using the finest grade of organic manure. Their high germination capacity, ability to bear harsh weathering conditions, longer shelf life and excellent survival rate, make these plants ideal for gardening, agriculture, forestry and conservation biology purposes.

The person behind success

Sri Pranabir Maity s/o Late Radhanath is from a very humble background. Born in a small hamlet of a remote village of a Bengal he emerged as one of the greatest Rosarian of India. He learned farming in his childhood while assisting his father but he always questioned himself as how can it be better and what's more. In his early youth he settled at Jakpur, near Kharagpur, Medinipur, West Bengal, which is traditionally a floriculture belt and instead of emerging out as a good grower he was in search of answers to his childhood questions. He took up Rose, which is normally flowers of cold area, as his passion and got it acclimatized in this floriculture belt of Bengal, where it was almost unknown. It was never imagined that Rose can be produced and propagated here. He started collecting different varieties of Rose and producing




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ACKNOWLEDGEMENT:

It is with great pleasure that I express my deepest gratitude to the **Dept. of Botany** of Government General Degree College, Keshiary for organizing a botanical study tour at **Puspanjali Nursery at Jakpur**. My sincere thanks go to my guides DR. Nilay Kumar Maitra, Head, Dept. of Botany, Dr. Susanta Kumar Maity, Assistant Professor in Dept. of Botany and Sk Md Ismail Al Amin, Assistant Professor in Dept. of Botany for giving me their suggestions, advice



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Bappaditya Bera
Signature of the Candidate

Maitra
3/1/23
Signature of the Teachers



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Field Report of the Excursion To The

**Acharya Jagadish Chandra Bose
Indian Botanic Garden, Shibpur,
Howrah**

Report submitted by: **Mithun kisku**

Roll: 1123113

No: 210014

Regd. No: VU211012498 of 2021-2022



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A botanical excursion at Acharya Jagadish Chandra Bose Indian Botanic Garden, Shibpur, Howrah

DATE OF VISIT: 09th December, 2022

PLACE OF VISIT:

Acharya Jagadish Chandra Bose Indian Botanic Garden at Shibpur, Howrah

THE PARTICIPANTS:

The excursion involved all the 1st and 3rd semester students of the Department of Botany Hons. and 3rd semester students of the General course, accompanied by faculty members Dr. Nilay Kumar Maitra, Head, Dept. of Botany, Dr. Susanta Kumar Maity, Assistant Professor in Dept. of Botany and SkMd Ismail Al Amin, Assistant Professor in Dept. of Botany.

OBJECTIVES OF THE EXCURSION

The specific objectives of the excursion were as follows:

- To observe and study various plant species in their natural habitats.
- To understand the ecological roles and adaptations of different plants.
- To learn about conservation efforts and the importance of biodiversity.
- To gain hands-on experience and enhance observational skills.

OVERVIEW OF ACHARYA JAGADISH CHANDRA BOSE INDIAN BOTANICAL GARDEN AT SHIBPUR, HOWRAH

The Acharya Jagadish Chandra Bose Indian Botanic Garden, previously known as Indian Botanic Garden is a botanical garden situated in Shibpur, Howrah near Kolkata. The gardens exhibit a wide variety of rare plants and a total collection of over 12,000 specimens spread over 109 hectares. It is under Botanical Survey of




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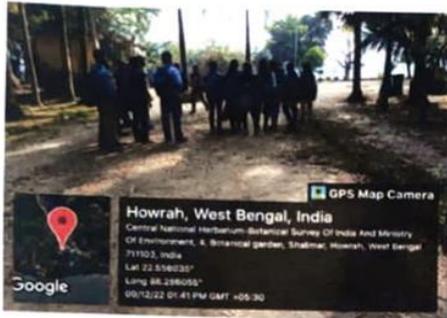
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India (BSI) of Ministry of Environment and Forests, Government of India. The gardens were founded in 1787 by Colonel Robert Kyd, an army officer of the East India Company, primarily for the purpose of identifying new plants of commercial value, such as teak, and growing spices for trade.

HIGHLIGHTS OF THE VISIT AND LEARNING OUTCOMES

1. Plant Diversity: Students observed a wide range of plant species, including trees, shrubs, herbs, and climbers. The diversity in form, structure, and habitat was noted, providing insights into plant taxonomy and classification.

2. Ecological Interactions: The guided tour highlighted various ecological interactions, such as pollination, seed dispersal, and symbiotic relationships. Students witnessed firsthand how plants adapt to their environment and interact with other organisms.

3. Conservation Efforts: The garden's conservation initiatives, including the cultivation of endangered species and habitat restoration projects, were discussed. Students learned about the importance of preserving biodiversity and the challenges faced in conservation efforts.

4. Practical Skills: The excursion provided students with an opportunity to practice plant identification and data collection techniques. The interactive session with the botanist enhanced their understanding of botanical research methods and the practical applications of their classroom knowledge.




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TABLE NO. 1: LIST OF PLANTS WE OBSERVED IN BOTANIC GARDEN, SHIBPUR

Sl. No.	Scientific name of the plant	Family
1.	<i>Nicotianatabacum</i>	Solanaceae
2.	<i>Kyllingabrevifolia</i>	Cyperdaceae
3.	<i>Clerodendrumviscosum</i>	Verbenaceae
4.	<i>Solanumtorvum</i>	Solanaceae
5.	<i>Wedeliacalendulacea</i>	Asteraceae
6.	<i>Boerhaviarepens</i>	Nyctaginaceae
7.	<i>Lippiageminata</i>	Verbenaceae
8.	<i>Malvastrumcoromondalianum</i>	Malvaceae
9.	<i>Urenalobata var. sinuata</i>	Malvaceae
10.	<i>Peltophorumpterocarpum</i>	Leguminosae
11.	<i>Synedrellanodiflora</i>	Asteraceae
12.	<i>Urenalobata</i>	Malvaceae
13.	<i>Terminaliacatappa</i>	Combretaceae
14.	<i>Ageratum conyzoides</i>	Asteraceae (Compositae)
15.	<i>Blumealacerata</i>	Asteraceae (Compositae)
16.	<i>Ruelliatuberosa</i>	Acanthaceae
17.	<i>Tabebuiachrysantha</i>	Prignomiaceae
18.	<i>Raphidophoradecyrsva</i>	Araceae
19.	<i>Catesbaeaspinosa</i>	Rubiaceae
20.	<i>Pterocarpussantalinus</i>	Leguminosae (Sub Family: Papilionoideae)
21.	<i>Solanumgrandiflorum</i>	Solanaceae
22.	<i>Mimusopselengi</i>	Sapotaceae
23.	<i>Phoenix rupicola</i>	Arecaceae (=Palmae)
24.	<i>Anacardiumoccidentalis</i>	Anacardiaceae
25.	<i>Meliaazedarach</i>	Meliaceae
26.	<i>Amherstianobills</i>	Leguminosae(Sub Family: Papilionoideae)



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ACKNOWLEDGEMENT:

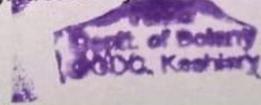
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It is with great pleasure that I express my deepest gratitude to the Dept. of Botany of Government General Degree College, Keshiary for organizing a botanical study tour at Acharya Jagadish Chandra Bose Indian Botanic Garden, Shibpur, Howrah. My sincere thanks go to my guides DR. Nilay Kumar Maitra, Head, Dept. of Botany, Dr. Susanta Kumar Maity, Assistant Professor in Dept. of Botany and Sk Md Ismail Al Amin, Assistant Professor in Dept. of Botany for giving me their suggestions, advice and inspiration for making the tour a grand success. I would also take this opportunity to thank my classmates for their kind co-operation rendered to me throughout the tour.

Mithun Kisku

Signature of the Candidate

Kaibis
15/12/2022
Signature of the Teachers



Anelabarty
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Office of the Principal

GOVERNMENT GENERAL DEGREE COLLEGE, KESHIARY

At.-Telipukur : P.O.- Tilaboni Mahisamura : P.S.- Keshiary

Dist- Paschim Medinipur : PIN-721135

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FIELD WORK RELATED SYLLABUS OF DEPARTMENT OF ZOOLOGY

UG CBCS SEM-1 SYLLABUS OF ZOOLOGY HONS.

C1 P1 –Non-Chordates I Lab

Credits 02

List of Practical

1. Study of whole mount of *Euglena*, *Amoeba* and *Paramoecium*
2. Identification of *Amoeba*, *Euglena*, *Entamoeba*, *Opalina*, *Paramecium*, *Plasmodium vivax* and *Plasmodium falciparum* (from the prepared slides)
3. Identification of *Sycon*, Neptune's Cup, *Obelia*, *Physalia*, *Millepora*, *Aurelia*, *Tubipora*, *Corallium*, *Alcyonium*, *Gorgonia*, *Metridium*, *Pennatula*, *Fungia*, *Meandrina*, *Madrepora*
4. Identification and significance of adult *Fasciola hepatica*, *Taenia solium* and *Ascaris lumbricoides*
5. Staining/mounting of any protozoa/helminth from gut of cockroach




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C2 P2 –Ecology Lab

Credits 02

List of Practical

1. Study of life tables and plotting of survivorship curves of different types from the hypothetical/real data provided
2. Determination of population density in a natural/hypothetical community by quadrat method and calculation of Shannon-Weiner diversity index for the same community
3. 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), Chemical Oxygen Demand and free CO₂
4. Report on a visit to National Park/Biodiversity Park/Wild life

sanctuary Note: In field report costal area to be included.




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PERMISSION LETTER

Government of West Bengal
Office of the Principal
GOVERNMENT GENERAL DEGREE COLLEGE, KESHIARY
At.-Telipukur : P.O.- Tilaboni Mahisamura : P.S.- Keshiary
Dist- Paschim Medinipur : PIN-721135

Memo No. Date: 03/02/2022

From : The Principal
Government General Degree College, Keshiary

To:

Office Order

A team comprising Prof. Debarshi Mondal (Head and Asst. Prof. Dept. of Zoology) and Dr. Sudipta Chakraborty (Asst. Prof. Dept. of Zoology), Government General Degree College, Keshiary would conduct an educational tour, compulsory for the 1st Semester (Honours) students (15 students; 11 males and 04 females) of the Department of Zoology, Government General Degree College, Keshiary at Langamara and Hatigeria forest range and adjoining forest areas in the Block: Keshiary, P.S. Keshiary Dist. Paschim Medinipur, West Bengal to study the biodiversity and other ecological aspects in order to fulfill the minimum requirements the syllabus of Zoology (Honours) of the Vidyasagar University under CBCS scheme on 07/02/2022. The order is in compliance with the COVID 19 restriction orders of Government of West Bengal vide No.753/XXII-SS/2M-22/2020 dated 31/01/2022 and prior order Memo No. 01-Pr Secy-HED/2022 dated 03/01/2022.

Debarshi Mondal
03/02/2022
Officer-in Charge
Govt. General Degree College, Keshiary
Officer-in-Charge
Government General
Degree College
Dist. 03.02.2022.
Keshiary

Memo No. 22A(3)/GGDCK/2022.

Copy forwarded for information and necessary action to :-

1. Prof. Debarshi Mondal, Head and Assistant Professor, Dept. of Zoology, GGDC, Keshiary
2. Dr. Sudipta Chakraborty, Assistant Professor, Dept. of Zoology, GGDC, Keshiary
3. Office copy

Debarshi Mondal
03/02/2022
Officer-in Charge
Govt. General Degree College, Keshiary
Officer-in-Charge
Government General
Degree College
Keshiary

Government of West Bengal
Office of the Principal
GOVERNMENT GENERAL DEGREE COLLEGE, KESHIARY
At.-Telipukur : P.O.- Tilaboni Mahisamura : P.S.- Keshiary
Dist- Paschim Medinipur : PIN-721135

Memo No. Date: 03/02/2022

From : The Principal
Government General Degree College, Keshiary

To:

To Whom It May Concern

This is to certify that a team comprising of 15 students (11 males and 04 females) and two teachers (both males) from Government General Degree College, Keshiary would be visiting the Langamara and Hatigeria forest range and adjoining forest areas in the Block: Keshiary, P.S. Keshiary Dist. Paschim Medinipur, West Bengal for local field visit and excursion purposes to study biodiversity and other ecological aspects to fulfill minimum requirements of the syllabus of Zoology (Hons.) of Vidyasagar University under CBCS scheme on 07/02/2022 (Monday), and following will be the composition of the team as described:

Sl. No.	Name of the students	Gender	Age in years
1	Anupama Muddya	F	19
2	Dipanjwita Dey	F	19
3	Puspita Shyam	F	19
4	Sampa Khnra	F	19
5	Debojyoti Pradhan	M	19
6	Rajesh Barik	M	19
7	Debabrata Karan	M	19
8	Santipriya Maity	M	19
9	Santu Jana	M	19
10	Sayan Maity	M	19
11	Sayandip Patra	M	19
12	Soumydip De	M	19
13	Soumen Palui	M	20
14	Susmita Singha	M	19
15	Swarup Dash	M	19

Sl. No.	Name of accompanying teachers	Gender	Status	Work assigned
1	Mr. Debarshi Mondal	M	Leader of the team	To study insect and plankton diversity
2	Dr. Sudipta Chakraborty	M	Member	To study plankton diversity

The local administration is hereby requested to assist the abovementioned excursion team in case of any emergency.

Debarshi Mondal
03/02/2022
Officer-in-Charge
Government General
Degree College
Keshiary



Debarshi Mondal
Officer-in-Charge
Govt. Gen. Degree College
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SAMPLE COPY OF FIELD REPORT OF DEPARTMENT OF ZOOLOGY

STUDY OF FAUNAL DIVERSITY, BUTTERFLY DIVERSITY, AND WATER SAMPLE ANALYSIS

A field report Submitted to comply
with the minimum requirement of the
Prescribed of B.Sc. in Zoology (Hons.)
Course (Semester I, CBCS system) of
the vidyasagar University.

Roll - 1121113

NO. - 210033

Regn. NO. - VU211012513 of 2021-2022

Academic Session - 2021-2022

Semester - I (CBCS) System

Government General Degree college,
Keshiary

Vidyasagar University

Mandip Singhal
25/01/22



Mandip Singhal
Officer-in-Charge
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Introduction :-

Books and literature helps to develop the knowledge base of learning mind. However, in order to perceive the interaction of the flora and fauna in a natural habitat. Thus, in order to fulfill the minimum requirements of the curriculum of Zoology Honours (CBCS System) of Vidyasagar University for the academic session, 2021-2022. We are the students of Semester-I of Govt. General Degree college at Keshiary, Paschim Medinipur visited the Langamara forest range which is located near to our college. Our teacher Dr. Sudipta Chakraborty and Prof. Debarshi Mondal on 07.02.2022 gathered at the college premises and started the journey for Langamara forest for water collection from previous water bodies along with equipment of field study on a car at 8.30 am and reached the forest area at 9.00 am. After collection of water, returned back to the college at 11.00 am. and collected and studied various butterfly species around our college campus and alongside agricultural field.



Chakraborty
Officer-in-Charge
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☑ About the forest and our college surrounding :-

The Langamara forest is named after the village Langamara which is in the khasra beat of Kharagpur forest division. Originally a dense forest, rich in flora and fauna, the forest was severely degraded by 1987-88. The Langamara forest Protection committee came into existence around then to combine four villages, i.e. Langamara, Barapurba, Nutan dili & Nischintapur and protect 197 hecton of natural forest and 30 hecton of eucalyptus plantation. At present there is no restriction of either grazing on the collection of fuel wood. The plantations are basically monocultures of eucalyptus with few other species.

The college campus (Longitude 87.2439330, latitude 22.1603010) encompasses 5 acres of land & is adjacent to the Langamara forest range with the presence of the forest area & local cultivation there exists a diversified species of butterflies in and around our college campus.



Anilabarty
Officer-in-Charge
Govt. Gen. Degree College
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The most common species found are Striped Albatross, common gull, common Silverline, lime butterfly and many more. Our teachers encouraged us to study the butterfly diversity by introducing commonly found butterflies and their role in ecosystem to us.



Ankusha
Officer-in-Charge
Govt. Gen. Degree College
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RELEVANT PICTURES:



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PROJECT WORK RELATED SYLLABUS OF DEPARTMENT OF BENGALI

UG CBCS SEM-6 SYLLABUS OF BENGALI GENERAL

Skill Enhancement Course (SEC)

SEC-4: বিষয় ভিত্তিক আলোচনা ও আলোচনাপত্র উপস্থাপন

Credits 02

SEC4T: বিষয় ভিত্তিক আলোচনা ও আলোচনাপত্র উপস্থাপন

Course contents:

বিষয় ভিত্তিক আলোচনা ও আলোচনাপত্র উপস্থাপন

ক. প্রকল্প পত্ররচনা(Project writing)

খ. উপস্থাপনা (Paper Presentation)




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UG CBCS SEM-4 SYLLABUS OF BENGALI (Hons.)

SEC-2: বাংলা ভাষা ও সাহিত্য বিষয়ক প্রকল্প রচনা ও প্রকল্পপত্র উপস্থাপনা

Credits 02

SEC2T: বাংলা ভাষা ও সাহিত্য বিষয়ক প্রকল্প রচনা ও প্রকল্পপত্র উপস্থাপনা

Course Contents:

- ক. প্রকল্প রচনা (Project Writing)
- খ. প্রকল্পপত্র উপস্থাপনা (Paper presentation)

অথবা

SEC-2: চিত্রনাট্য রচনা ও সাম্প্রতিক ঘটনা বিশ্লেষণ

Credits 02

SEC2T: চিত্রনাট্য রচনা ও সাম্প্রতিক ঘটনা বিশ্লেষণ

Course Contents:

- ক. চিত্রনাট্য লিখন (Script-Writing)
- খ. সাম্প্রতিক ঘটনা বিশ্লেষণ

Suggested Readings:

১. চলচ্চিত্রের অভিধান – ধীমান দাশগুপ্ত
২. সিনেমার অ আ ক খ - ধীমান দাশগুপ্ত
৩. বিষয় চলচ্চিত্র – সত্যজিৎ রায়
৪. বই নয়, ছবি – চিদানন্দ দাশগুপ্ত

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http://www.vidyasagar.ac.in/Downloads/ShowPdf.aspx?file=/UG_Syllabus_CBCS_FULL/BA_HONS/bengali_hons.pdf

৫. সিনেমার ভালোমন্দ – সোমেশ্বর ভৌমিক
৬. চিত্রনাট্য রচনা ও চিত্রনাট্য বিশ্লেষণ – ধীমান দাশগুপ্ত
৭. চিত্রনাট্য সাহিত্যে নতুন ভুবন - মানবেন্দ্রনাথ সাহা



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SAMPLE COPIES OF PROJECT WORK OF DEPARTMENT OF BENGALI



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উৎসর্গ পত্র (কৃতজ্ঞতা স্বীকার)

আমি সর্বপ্রথম কৃতজ্ঞতা জ্ঞানার্থে আমাদের 'হাওলা'তে জেনারেল ডিগ্রি কলেজে, কলিকাতা, কলেজের বাতুলার বিভাগের কিসিটো মাদাম স্যুয়া প্যাঙ্ক প্যাঙ্ক মহাশয়কে, জরন ওনার সহযোগিতা ছাড়াই প্রত্যেকটি মহান করা আমার পাশে সমুদয়তানা, সেই সঙ্গে সিন্দাদ জ্ঞানার্থে আমার সহযোগিতার যারা সেই প্রত্যেক রূপায়নের সঙ্গে নানান তারে সহযোগিতা করেছে,

তারিখ - ৭.৪.২০২৩.

রাওয়াল কসি
কিসিটার অফিসার

তারিখ -

Munir
24.08.23
কিসিটোর অফিসার



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বহু স্তরমত :
১. সুস্থিত পায়ান :

রতীন্দ্রনাথ ঠাকুরের 'সুস্থিত পায়ান' প্রবন্ধে অতিপ্রাকৃত আবেগে রচিত, তৃতীয় ব্যক্তির কথনে সাম্প্রদায়িক নির্মাণ, সেই চরিত্রটিও কাব্যিক, এক জীবন প্রয়াসের অভ্যন্তর বহুমান কালীন আত্মন অমুদ্বৈতির হোঁয়া রয়েছে এই জাতি, এখানে সে অমুদ্বৈত কতে এক অক্ষয়ীবি নারীর উপস্থিতি, বহু স্তরের উপার থেকে যেন সেই নারীর সাম্প্রদায়িক যেন মিতে এসেছে, কবি সেই অমুদ্বৈত সারাজীর সঙ্গিত, মূখ্যের নিষ্কল এক সে নারী নামের অমুদ্বৈত মানুষকে মুদ্বৈত কতে, চরিত্র কতে, রচনা কতে অভিমান কতে, কিন্তু অক্ষয়ীতার বেদনা অপ্রকাশ্য, অতল সঙ্গের দর্শ অমুদ্বৈত কতে, এই উদ্দেশ্যে আবেগান্তরকে আবেগে তুলিল কতে তুলেছে অমুদ্বৈত অমুদ্বৈত, সে এই প্রয়াসেছিল এক স্তরের তুলেই সে পায়ান হয়েছে, প্রয়াসেই যে থাকে সে পায়ান হয়, ক্ষুদ্রমান কথকে পায়ান হয়নি, এও এক বহুস্তর, এদুই এখানে যখন নামের রাজ্য প্রয়াসে প্রকাশ্য করলে, তখন তিনি কাব্যের জগতে চলে যেতেন, অমুদ্বৈতের সুস্থিতের মতো অমুদ্বৈত করলে, হোঁয়া প্রয়াসের অভ্যন্তর যেন জোনা যেত জলে নামের ক্ষয়, মূখ্যের অভ্যন্তর কোনো অমুদ্বৈত, আত্মের সঙ্গ পায়ান পাঙ্ক্যপাঙ্ক্য অক্ষয়ীতা কোথ পায়ান কোথো এক মুদ্বৈত,

পৃষ্ঠা নং-২



Chakraborty
Officer-in-Charge
Govt. Gen. Degree College
Keshiary



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কেশিয়াড়ী সরকারী মহাবিদ্যালয়

প্রকল্প রূপায়ন

প্রকল্পের শিরোনাম - বিভূতিভূষণ বন্দ্যোপাধ্যায় -এর ছোট গল্পে প্রকৃতি
(নির্বাচিত গল্প অবলম্বনে - 'পুঁইমাচা', 'মেঘমল্লার', 'তাল নবমী')

নাম - সুজাতা মণ্ডল

বিভাগ -বাংলা সাম্মানিক

পেপার - SEC-2

সেমিস্টার - চতুর্থ

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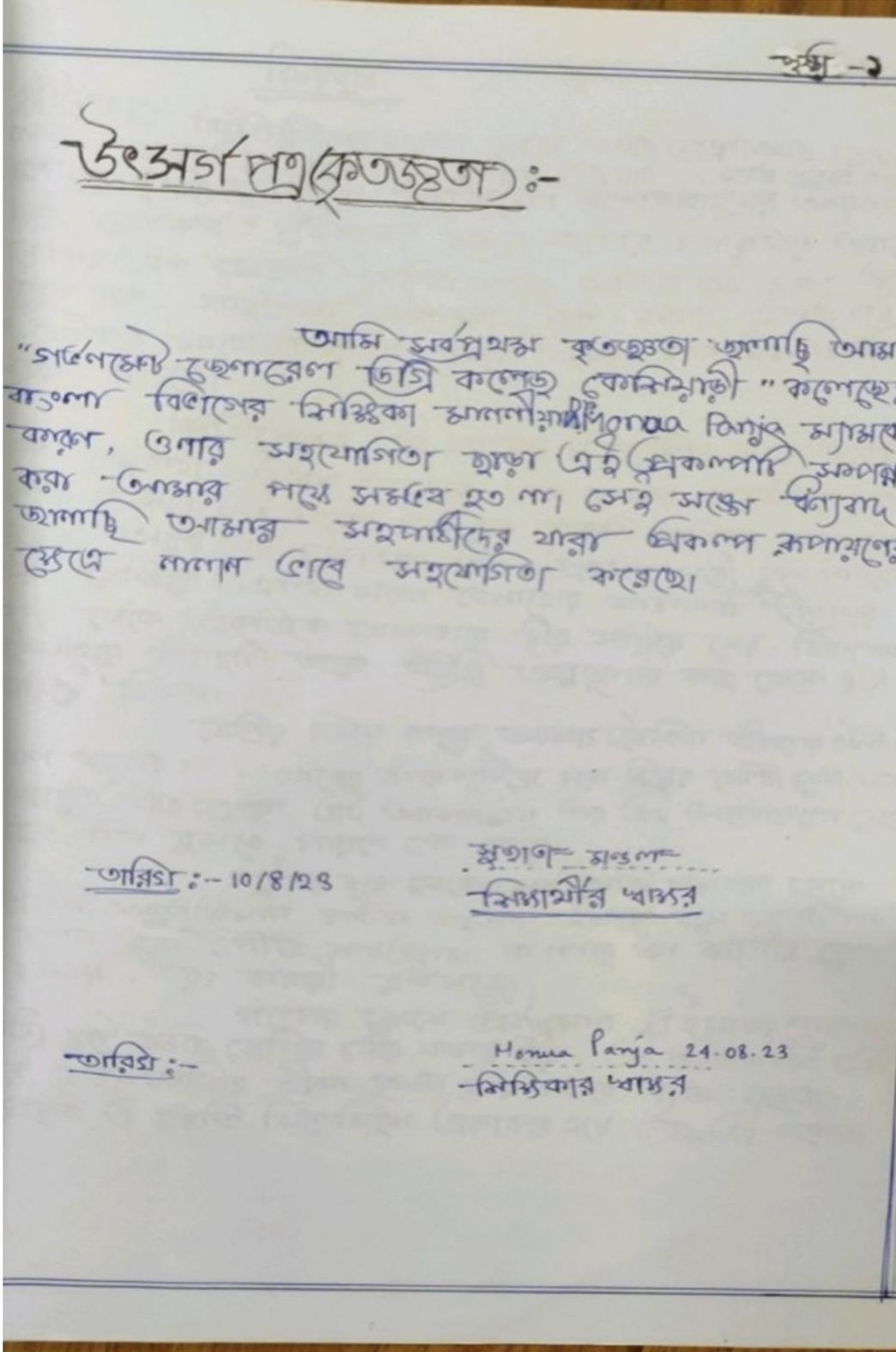
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প্রকল্পের শিরোনাম : তারাশঙ্কর বন্দ্যোপাধ্যায়ের

ছোটোগল্পের আদিম প্রবৃত্তির প্রকাশ (নির্বাচিত তিনটি গল্প
অবলম্বনে)

নাম : রিমি মিশ্র

বিভাগ : বাংলা

রোল নং : BNGH-21-017

রেজিস্ট্রেশন নং -VU211012310

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বন্দ্যুৎসব-কল্প:

‘নারী ও নাগিনী’ গল্পের স্রোত সমাজকে ঘোঁড়া
 কল্পের প্রবৃত্তি তাজিত তীব্র সৌন্দর্য্য হীনত আচার আচরণ
 তার ডেয়ুর্টুর পরিণাম বর্ণিত হয়েছে, মনুষ্য ও প্রাণীর আত্মিক
 মূলবর্নন নিয়ে লেখা এক গল্প, গল্পের ঘোঁড়া মেথ্র আপের
 কুমা, ক্ষুর্বি ওয়া নয় আপ লইয়া খেলা ও স্টে করে একটা
 গটো উদয়নকে কেন্দ্র করে ঘোঁড়ার দাসত্ব জীবনে বীতিমত
 হুমায়ময়তা সৃষ্টি, সে সাপিনার নাকে মিনি পরায়ু, মিরে সিধুর
 নাগিনী তাকে নিকে করে আদর করে, ছোবোকার সতীন
 যলে পরিচয় করিয়ে দেয়, চুম্বন করে, নাগিনী কে কেন্দ্র
 কেন্দ্র করে মানবীর বুকে স্বর্ষার আগুন ফুলে, ঘোঁড়া ক্ষুর্বি
 সঙ্কেতকে স্বামে, নাগিনীর আসন্নলিঙ্গমা চরিতার্থ করার
 জন্য তাকে মাঠে ছেড়ে দিয়ে এলে ও কোনো এক দুর্ভাগ্য
 সমায় সে ঘোঁড়ার বাড়িতে ফিরে আসে, তাকে সেধে
 ছোবোকা মুটে ছুড়ে মারলে রাতে অর্ধকারে ছোবোকা কে
 সে মর্জন করে, আর তারাকর্টুর বন্দ্যোপার্য্যম দেব
 অসামান্য মৈন্দ্র কৌমলে গল্পটির সমাপ্তি টালেন ঘোঁড়ার
 কথায়।

“ক্ষুর্বি গের দোষ কি, সেধে ছাডের দুজোবই তে
 ছোবোকা ও তাকে ছেপতে পারত না”

কোথের কাছে নাগিনীর যে নরীতে রূপান্তরিত হয়েছিল
 সেই উক্তি সেই প্রমান দেয়, নারী ও নাগিনী পরস্পরের প্রতিদ্বন্দ্বী
 হয়েছে, দুামা নাগিনীকে বঁরে রাখার পর থেকেই ছোবোকা
 স্বপত্ত্ব স্বর্ষায় ফুলেছে, মেথ্র তার বিকিত কামনা বয়নাকে
 পরিভূপ্ত করতের নাগিনীকে বঁরে ত্রুজিল অসচেতন এররূপ
 চুম্বার পরিভূপ্ত সর্ষনের জন্যই নাগিনীকে বিবি করেছিল
 অর্থাৎ মেথ্রক ওয়াসর্টুর নাগিনীর মর্ষে যেন মানবিক সত্তা
 আয়পন করেছেন, সেই প্রাচীন কাল থেকেই আড্ড পায়ন্তি
 কোনো নারী তার দুামাকে অন্য নারীর সঙ্গে ত্রগ করে
 নিতে পারে নি, তাতে স্বর্ষার উদয় হয়েছে, অমার্চ
 গল্পটিতে ও তা লক্ষ্যনীয়।



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This is to certify that Mr./Miss **RAHUL JANA, 6th Semester, 2023** a student of the Department of **Bengali, Government General Degree College, Keshiary** has successfully completed the project/dissertation work entitled **রবীন্দ্রনাথ ঠাকুর -এর ঘোঁসে অভিযুক্ত বিষয় (বে কল একটি গল্প অবলম্বনে)** under the guidance of Dr./Mr./Mrs. **Monua Panja and Ashok Das**, Assistant Professor in **Bengali**. The mentioned project/dissertation work has been accomplished to partially fulfil the minimum requirements of the syllabus (CBCS) of B.A./ B.Sc. as offered by the Vidyasagar University.

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UG CBCS SEM-6 SYLLABUS OF SANTALI

DSE- 4: Drama Literature (from 1942 to 1980)

Credits 06

DSE4T: Drama Literature (from 1942 to 1980)

Course Details: Drama Literature (from starting period to 1980)

- Kherwal Bir (1952) – Pndt. Raghunath Murmu
- Kajol Snatan (1958) – Kaliram Soren
- Juri Katir (1971) – Dr. Krishnachandra Tudu
- Mid Bitra Hasa – Jotilal Hansda

Or

DSE- 4: Drama Literature (from 1981 to till now)

Credits 06

DSE4T: Drama Literature (from 1981 to till now)

Course Details: Drama Literature (from 1981 to till now)

- Khijlaw (1986) – Saradaprasad Kisku
- Dharam ayo Baba (1990) – Badal Hembram
- Ulgolan (1991) – Swapan Promanik
- Chedre Chikayena (2003) – Kherwal Soren

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DSE- 4: Project Work

Or

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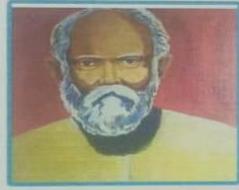
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A Project Paper
(Anorhe Sanhet Re Sadhuram Chand Murmu)



Name : Kalyani Murmu
B.A (Hons) 6th Sem
Roll - 1116113 No - 200104
Reg. No- 1130039 of 2020-2021
Subject- Santali (H) Paper- DSE-4
Session- 2020-2021



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কালক্রমে.

সিডি : - 1116113 / কলকাতা

সংখ্যা : - 200000

সিডি.সংখ্যা : - 1130039 / ৯৯৪০০৪৬ of 2020-21

অনুষ্ঠান : - এন্থ ডিপার্টমেন্ট
কাজ : - DSE-4 (project work)

অনুষ্ঠান.কাল : - অন্তিমপর্যন্ত অন্তিমপর্যন্ত
কালক্রমে, কালক্রমে.

S.B. 10.08.2023

Internal Examiner's Signature

10.08.23

External Examiner's
Signature



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ଏକ ବିଶ୍ୱାସୀୟ ଧର୍ମ, ବିଶ୍ୱାସୀୟ ଧର୍ମ, ବିଶ୍ୱାସୀୟ ଧର୍ମ
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Student's Signature



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ଋତୁ ପ୍ରକଳ୍ପ ଥିବା ଉପାଦାନକୁ ଉପଯୁକ୍ତ ଭାବରେ
 ଏହି ଉପାଦାନକୁ ଉପଯୁକ୍ତ ଭାବରେ ଉପଯୁକ୍ତ ଭାବରେ
 ବା ଏହି ଉପାଦାନକୁ ଉପଯୁକ୍ତ ଭାବରେ ଉପଯୁକ୍ତ ଭାବରେ
 ଋତୁ " ଉପାଦାନକୁ ଉପଯୁକ୍ତ ଭାବରେ ଉପଯୁକ୍ତ ଭାବରେ"
 ଉପାଦାନକୁ ଉପଯୁକ୍ତ ଭାବରେ ଉପଯୁକ୍ତ ଭାବରେ ଉପଯୁକ୍ତ ଭାବରେ
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This is to certify that Mr./Miss **MOUMITA TUDU, 6th Semester, 2023** a student of the Department of **Santali, Government General Degree College, Keshiary** has successfully completed the project/dissertation work entitled **Majhi Ramdas Tudu 'Reska'** under the guidance of Dr./Mr./Mrs. **Shila Baske and Shyamali Majhi**, Assistant Professor in **Santali**. The mentioned project/dissertation work has been accomplished to partially fulfil the minimum requirements of the syllabus (CBCS) of B.A./ B.Sc. as offered by the Vidyasagar University.


(Dr. Sudipta Chakrabarty)
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P.O. Tilaboni, Mahisamura, Dist. Paschim Medinipur - 721135

Ref. No. Date: 31 Aug 2023

TO WHOM IT MAY CONCERN

This is to certify that Mr./Miss **DUBRAJ TUDU, 6th Semester, 2023** a student of the Department of **Santali, Government General Degree College, Keshiary** has successfully completed the project/dissertation work entitled **Gayan saonhed re Pandit Raghunath Murmu** under the guidance of Dr./Mr./Mrs. **Shila Baske and Shyamali Majhi**, Assistant Professor in **Santali**. The mentioned project/dissertation work has been accomplished to partially fulfil the minimum requirements of the syllabus (CBCS) of B.A./ B.Sc. as offered by the Vidyasagar University.


(Dr. Sudipta Chakrabarty)
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FIELD WORK-RELATED SYLLABUS OF THE DEPARTMENT OF ANTHROPOLOGY

UG OLD SYLLABUS PART-III DEPARTMENT OF ANTHROPOLOGY

Part III

Course code: ANTG/104

Course name: Applied Anthropology and Ethnographic Fieldwork

Marks: 50 (Theor.) + 50 (prac.) = 100

Group A: Applied Anthropology (Theoretical)

- 4.1 Applied Anthropology: concept and a brief history of development. Action Anthropology.
- 4.2 Nutritional Anthropology: biocultural aspects of human nutrition.
- 4.3 Medical Anthropology.
- 4.4 Tribal welfare programmes in India. Role of Anthropology in community development.
- 4.5 Role of Anthropology in some current human problems in India: malnutrition, health and disease, illiteracy, unemployment and social unrest.

Group B: Ethnographic Fieldwork (Practical)

- 4.6 Fieldwork is to be carried out for at least 7 days in tribal/rural area focusing on the following aspects:
 - (a) Mapping;
 - (b) Household census;
 - (c) Application of anthropological methods and techniques;
 - (d) Collection of data on economy, social organization, political organization, ritual rites, and health care practices (sanitation, drinking water, mother and child care, immunization, and birth Control measures.




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UG CBCS SEM-I SYLLABUS OF DEPARTMENT OF ANTHROPOLOGY

C2P: Introduction to Socio Cultural Anthropology Lab

Credits 02

Methods and Techniques of Social Anthropology

The practical will include the following principal methods and techniques in collection of data in Social Anthropology.

1. Observation
2. Interview
3. Questionnaire and Schedule
4. Case study
5. Life history




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PERMISSION LETTER

Memo No. GGDCK/ANTH/003/2023 Date: 8-2-2023

To
Officer-in-Charge
Government General Degree College at Keshiary
Keshiary, Paschim Medinipur
West Bengal

THROUGH PROPER CHANNEL

Sub: Request for approval to conduct Anthropological Field Study Tour to KUCHALACHATI VILLAGE, KESHARIY BLOCK, PASCHIM MEDINIPUR DISTRICT, WEST BENGAL, with the Under-Graduate (Anthropology) CBCS Semester I students as required in the UG syllabus of the Vidyasagar University.

Re: With reference to the above-noted subject I am to inform you that the Anthropology Department of Govt. General Degree College, Keshiary intends to conduct a Field Study Tour to KUCHALACHATI VILLAGE, KESHARIY BLOCK, PASCHIM MEDINIPUR DISTRICT, WEST BENGAL, with the CBCS Semester I Students of Anthropology Department on and from 09th February to 16th February, 2023. The Study Team will include 7 students (list of 4 boys and 3 girls attached) and 2 teachers of Anthropology Department.

We like to further state that necessary arrangements have been made to ensure that academic proceedings in the Department is not affected during the period of the Field Study Tour as the remaining two full time teachers have been assigned adequate classes during this period. Moreover, each of the accompanying teachers has been assigned responsibilities of specific areas of study, as noted below against their names, and so the presence of these two teachers in the tour party would be essential in academic interest.

The names of the teachers are mentioned below:

Teachers	Designation	Duty/Responsibility
Dr. Aritra Samajdar (W.B.E.S)	Assistant Professor	Leader of the Party, Ethnography
Prof. Sayantan Das (W.B.E.S)	Assistant Professor	Ethnography, Social and Cultural Anthropology

This field study tour is being conducted as per the requirements of the Under-Graduate (Anthropology) CBCS Semester I syllabus of the Vidyasagar University in which such field studies and submission of Field reports are made compulsory. A copy of the syllabus is attached with this letter.

I would request you to please permit the concerned teachers and students to participate in the said Field Study Tour.

Thanking you,

Yours faithfully,
Aritra Samajdar
Head of the Department
Department of Anthropology
GGDC, KESHARIY
8-2-2023

Government General Degree College, Keshiary
Keshiary, P.O - Tilaboni Mahisamura
Paschim Medinipur
West Bengal
Pin - 724135

Department Of Anthropology
List of Students Participating in Field Study Tour

List of Students B.Sc. Anthropology (Hons.) 1st Year, 1st Semester

Sl. No.	Name	Sex
1	SUPARNA PARIA	F
2	SAYANI AICH	F
3	SAHELI GIRI	F
4	BIKASH MANGAL	M
5	SOLVIK GAYEN	M
6	MALAY MANDAL	M
7	SAMARESH SAHOO	M

Aritra Samajdar
Head of the Department
Department of Anthropology
GGDC, KESHARIY

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Memo No. 40A/GGDCK/2023 Date: 08/02/2023

From : The Principal
Government General Degree College, Keshiary

To: Movement Order

A Party consisting of below mentioned teachers and Undergraduate students of Anthropology of this College is scheduled to undertake seven days long Field Study Tour at KUCHALACHATI VILLAGE, KESHARIY BLOCK, PASCHIM MEDINIPUR DISTRICT, WEST BENGAL. Necessary cooperation and help may please be extended to the party for smooth execution of their official duties.

Teaching Staff:
1. Dr. Aritra Samajdar (Asst. Prof. in Anthropology)
2. Sri Sayantan Das (Asst. Prof. in Anthropology)

Students:
List of Students B.Sc. Anthropology (Hons.) 1st Year, 1st Semester

Sl. No.	Name	Sex
1	SUPARNA PARIA	F
2	SAYANI AICH	F
3	SAHELI GIRI	F
4	BIKASH MANGAL	M
5	SOLVIK GAYEN	M
6	MALAY MANDAL	M
7	SAMARESH SAHOO	M

Aritra Samajdar
08/02/2023
Officers-in-Charge
GGDC, Keshiary
Keshiary



Aritra Samajdar
Officer-in-Charge
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SAMPLE COPY OF FIELD REPORT OF DEPARTMENT OF ANTHROPOLOGY

An anthropology study for the implication of different methods and techniques among the people of kuchlachati village ,Tilaboni,Keshiary,Paschim Medinipur West Bengal



INVESTIGATOR

--Saheli Giri

ROLL:-

--1121113

NO:-

--220003

REG:-

--VU221130268 OF 2022-2023

SESSION:-

--2022-2023

B.SC(H)1ST SEMESTER C.B.C.S(2022)C2P2

*Forwarded
For Examination
Anita Samajdar
6.4.2023*

*Forwarded
for Examination
Jyoti Das
06/04/23*

*Examined
For
2/4/23*



Saheli Giri
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Field work done by under supervision of

Dr.SYANTAN DAS

[Assistant Professor,W,B,E,S]

DEPT.OF ANTHROPOLOGY,GGDC,KESHIARY.

Dr.ARITRA SAMAJDAR

[Assistant professor,W,B,E,S]

DEPT,OF ANTHROPOLOGY GGDCCKESHIARY.



Arindam
Officer-in-Charge
Govt. Gen. Degree College
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3.	Anthropological methods and techniques: (i) Observation (ii) Interview (iii) Case study (iv) Genealogy (v) Questionnaire and Schedule (vi) Photographic method (vii) Life history	5 → 8 9 → 10 11 → 12 13 → 16 17 → 19 20 → 23 24 → 25
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INTRODUCTION

Social anthropology has a rich tradition of conducting fieldwork. The nature of fieldwork has changed from time to time. There are large numbers of social anthropologists who have conducted protected fieldwork among the tribal. Evans-Pritchard has lived several months among the azande tribal of southern Sudan. He also worked among the Tiv tribals of eastern Nigeria. The Tiv tribal are traditionally farmers who have just been introduced to money as a medium of exchange. In India, S. C. Dube has conducted fieldwork in a village called Shamepet of Andhra Pradesh. M. N. Srinivas has worked for about two years in Rumpura village of Southern India. Andre Beteille remained for a protracted period in his study of caste, class and power in Srirampuram village. Thus, we have enough instances to support the point that anthropologists have enough instances to support the point that anthropologists have lived in their respective fields of study for months together. Recently, we have a study by Paul Hoekings who studies the badge people for months together. Recently, we have a study by Paul Hoekings. Thus, it is obvious that fieldwork is a dependable source for general things data and therefore, a dependable method of social anthropology. It is the tradition and culture of anthropological methodology.

Systematic and scientific fieldwork was pioneered by Radcliffe-Brown who has a student of Tavey and Haddon. His study of the Andaman Islanders conducted from 1906 to 1908 was the first attempt by a society and describes the social life of a people in such a way as to bring out clearly what was significant in it for these theories. Even today, sociologists like Robert K. Merton and Talcott Parsons borrow from the conceptual framework developed by Radcliffe-Brown. Later on, Malinowski joined Radcliffe-Brown to establish and strengthen the fieldwork tradition.



Anil Chakraborty
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OBSERVATION

Observation is viewing a particular incident or phenomena or even interactions and interpersonal relationship between two or more people. However, this viewing to be a part of a scientific investigation needs to be systematic and contextual. For example, if you go to a community and observe a tree in the village, just to describe the tree, its location within the village is not enough. One needs to relate this tree to the activities of the community, how the people relate themselves to the tree, the significance of the tree in the lives of the community, if that is observed, recorded and reported, the tree becomes a part of the scientific observation. Observation is further divided into:

- (a) Participant observation;
- (b) Non-participant observation;
- (c) Quasi-participant observation.

Some anthropologists also talk about direct participation observation and indirect participation observation.

(a) Participant Observation: Participant observation owes its subsistence to Malinowski whose study among the Trobriand Islanders of Papua New Guinea order to participate set the benchmark for fieldwork in anthropology. Malinowski had stated in order to participate in the everyday activities of the community, "one has to cut oneself off from the company of other white man, and remaining



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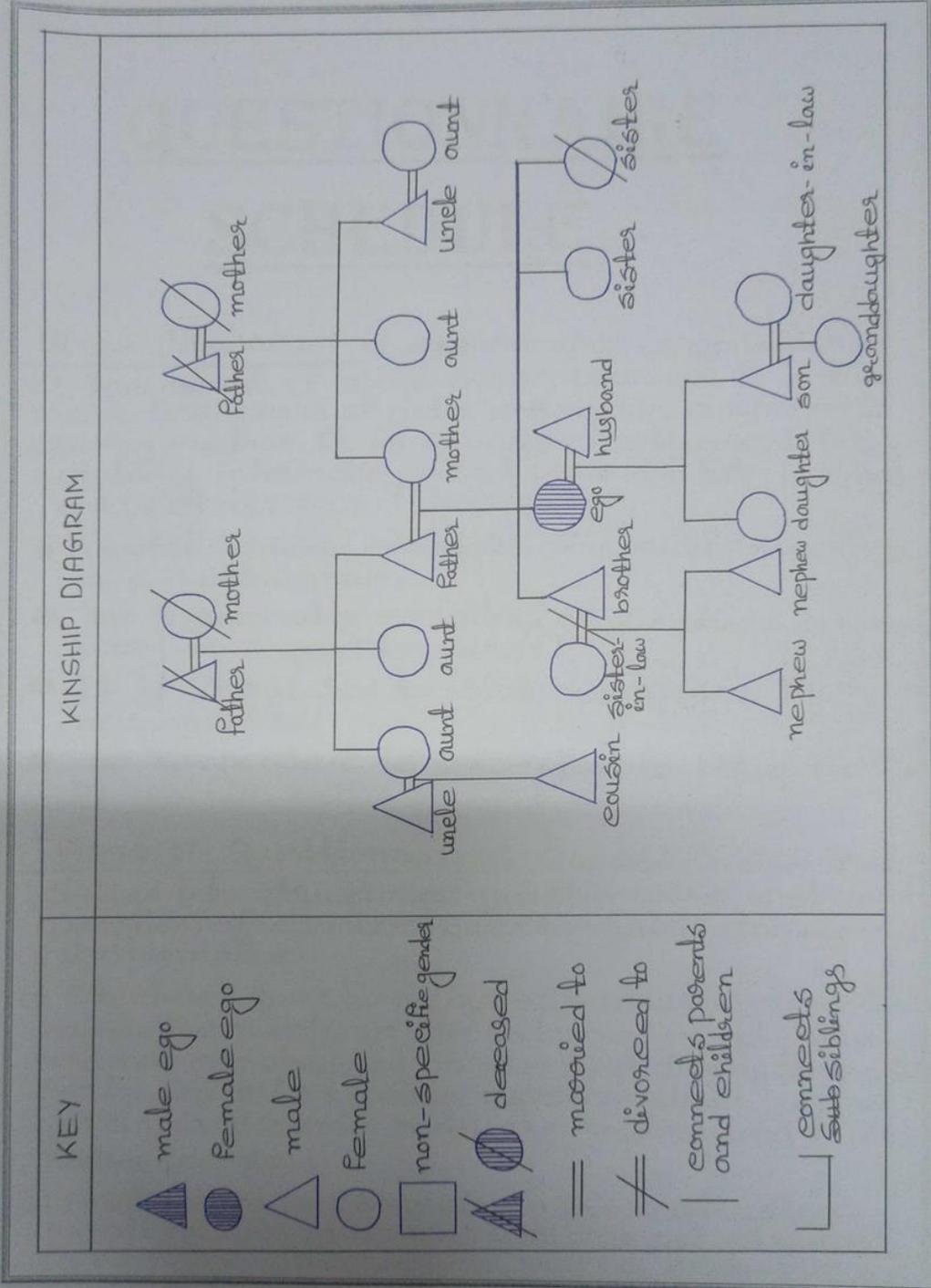
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VILLAGE DESCRIPTION

1. NAME OF THE VILLAGE

The village on which a detailed study was made is Kuchalachati.

2. ADMINISTRATIVE LOCATION

Gram Panchayat:

Name of the Gram Panchayat is Gubragaria.
It situated 1 1/2 K.M. east of the village.

Anehal Panchayat:

Name of the Anehal Panchayat is Sandrapur
which is situated 4 K.M. South.

Panchayat Samiti:

Name of the Panchayat Samiti is Sandrapur which
is situated 4 K.M. South.

Block:

Name of the block is Keshiary which is situated
8 K.M. South.

Police Station:

Name of the police station which rule the villagers is
Keshiary. It is situated 8 K.M. South.

Post Office:

The post office provided for the postal communication
is situated at Tilaboni Mahisamura. It is 3 K.M. South.

Sub-Division:

Name of the sub-division is Khargapur which is 20
K.M. north.

District:

The district in which the village is included is
West Midnapur.

State:

Name of the State is West Bengal where Kuchalachati
is situated.

Mouza:

Name of the mouza of the village Kuchalachati
is



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“Technology for Paddy Cultivation of Koras”

CASE STUDY

Name of the informer: Saheli Giri

Name of the informant- Paron Singh

Age- 52y

Sex- Male

Cultivation is the primary occupation of the 'Kora tribe'. Paddy is the main cultivated crop of the inhabitants of village Kuehalachati of Keshiary, Midnapur district. My informant Paron Singh cultivates khesari also. He is a owner cultivator and have 1 bigha cultivated land. According to Him 'Lal Sarna' was cultivated in the last year. My informant described me the technology of paddy cultivation in this manner:-

Nursery Bed

My informant Paron Singh selected one Kata for nursery bed for one bigha cultivated land.

Manuring

In Kora tribe manuring is known as 'Khet deewa'. One the first week of Baisak the ploughing was started, the cowdung was put into the nursery bed. The hole, in which the cowdung is stored on the beside of the house. 20 buckets of cowdung are given in the nursery bed. In the hole with the cowdung starch house refuses and grass straw etc. are also be given. My informant mixed up the starch. Then the entired cowdung was taken out and spreaded on the ground for drying. Then it was powder with the clod crusher and carried to the field in a bullock cart and scattered on the land by them.



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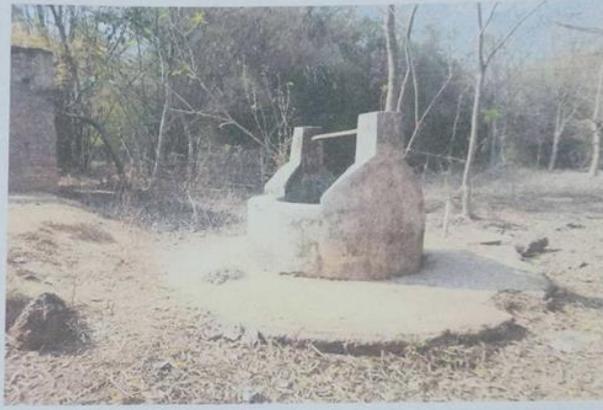
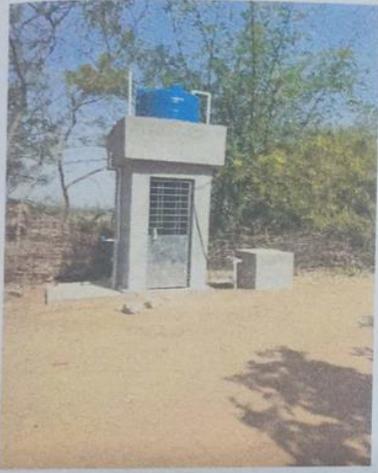
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Resources of Water



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SYLLABUS OF POLITICAL SCIENCE ON PROJECT WORK

UG CBCS SEM-VI (HONS.)

DSE-4: Project Work

OR

Credit 06



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ESTD -2015

"केशियाड़ी ब्रके कन्याश्री प्रकल्पेण उणर एकटि ज्जेण सगीष्का"

SUBJECT - POLITICAL SCIENCE

Submitted By

Name :- Puja Kar
Subject:- Political Science(Hons)
Semester:- 6th Semester
Registration No:- 1130063
Roll No :- 1116113 No- 200089
Session :- 2020-2021
Paper- DSE – 4 (Project Work)



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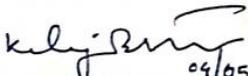
No No.....

Date..4.5.2023.....

To Whom It May Concern

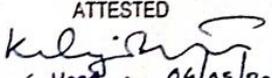
This is to certify that Mr/Ms/Mrs. Puja Kar, BA
Political Science (Hons.), 6th Semester, Roll No PLSH-20-001, is a *bonafide* student of
Government General Degree College, Keshiary. He/ She is conducting a project Work
on "लोकसभेसु नूतन कश्चित् प्रस्तावः एवम् एतत् दृश्य-मन्त्रम्" as a
part of the undergraduate Political Science Hons. Syllabus under the Vidyasagar University. Any help with
regard to the collection of data and document on the aforesaid topic would be highly appreciated.


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Officer-in-Charge
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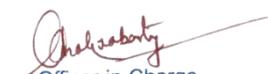

Head of the Department
04/05/2023
Head
Deptt. of Pol. Science
GGDC, Keshiary

The specimen signature of PUJA KAR is attested below.

Puja Kar. 4.5.2023.
Full signature with date

ATTESTED

Head - 04/05/2023
Deptt. of Pol. Science
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“কেন্দ্রীয় স্তরে বঙ্গোত্তর ওপর একটি হস্ত সর্বাধিক”

প্রতিবেদন :- অর্থনৈতিকভাবে অসহায় ছাত্র-ছাত্রী ১৩-১৪ বছর
বয়সের ছাত্রদের আর্থিক সহায়তা দেওয়ার জন্য নজিরাপাড়া
রকমের একটি কেন্দ্রীয় স্তরে বঙ্গোত্তর সঞ্চালনা।

এই ক্ষেত্রে নজিরাপাড়ার মানসীয়া গ্রামস্থ মত
স্কুলস্থিত ৪ ই মার্চ ২০১৩ সালে প্রতিষ্ঠিত হওয়ায় এই
ক্ষেত্রে প্রায়শঃই ইন্ডেন্ট করা সন্তানসমূহের বঙ্গোত্তর মঞ্জুর
১৪ ই জানুয়ারি ২০১৩ -এ প্রেরিত হইয়াছিল।

এই ক্ষেত্রে আর্থিক সহায়তা দেয়া হইয়া অসহায় ছাত্র-ছাত্রী
সহ এর প্রয়োজনীয় কর্মসূচি দেয়া এই ক্ষেত্রে সন্তানসমূহ
কেন্দ্রীয় স্তরে না, তবে ইন্ডেন্ট হইয়া, প্রতিযোগিতা প্রদান
করা মত বিজ্ঞান প্রদান নজিরাপাড়ার অসহায় ছাত্র-ছাত্রী
মানসীয়া মতসমূহের প্রচারণা এর আর্থিক সহায়তা
সিদ্ধি কল্পিত্বের সমর্থনকে অসহায় ছাত্র-ছাত্রী

আমি সূচনা কর, গভর্ণমেন্ট হস্তসমূহের দ্বারা
কেন্দ্রীয় - ৩- বঙ্গোত্তর (অর্থিক) বিজ্ঞান ৬th Sem এর ছাত্রী,
আমি জানায় Syllabus এর অসহায় DSE-4 স্কুলের Proffeser
work -এর মত কেন্দ্রীয় স্তরে বঙ্গোত্তর ওপর হস্ত
সর্বাধিক করেছি,



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উপস্থাপনা :-

প্রতিবেদন করা যাচ্ছে যে, 'ছাত্র মঙ্গল' হলো প্রতিমহলা
 মঙ্গল কার্যক্রম, বিভিন্ন প্রকার মূল্যবান কার্যক্রম মাধ্যমে চালু -
 বাস্তবায়ন করে ছাত্রদের প্রতিভা এবং ব্যক্তিগত মঙ্গল প্রদান
 করার লক্ষ্যে উদ্ভূত করা হয়েছে। এই প্রকল্পের নাম "ছাত্র
 মঙ্গল" প্রকল্পটি তারিখ 22/06/2023 তারিখে মঙ্গল কার্যক্রম,
 এই প্রকল্পের উদ্দেশ্য ছিল আমরা স্নাতক প্রকল্পটিতে গী. কী
 প্রতিভা প্রদান করা এবং মঙ্গল কার্যক্রম চালু করে মঙ্গল
 না, এই প্রকল্পটি স্নাতক পরে স্নাতক প্রতিভা প্রদান করা
 এবং প্রতি প্রতি মঙ্গল কার্যক্রম বিভিন্ন প্রকার মঙ্গল প্রদান করা।
 আমরা আমরা গী. কী কার্যক্রম চালু করে মঙ্গল
 প্রদান করা, এই প্রকল্পের আলাদা প্রতিভা প্রদান করা যাচ্ছে
 মঙ্গল যদি 'অন্য প্রকার' মঙ্গল কার্যক্রম হয়, ও এই প্রকল্প
 প্রতিভা প্রদান করা এবং এই প্রকল্পের মঙ্গল কার্যক্রম
 যদি বিভিন্ন মঙ্গল কার্যক্রম চালু করে মঙ্গল কার্যক্রম প্রদান
 প্রদান করা, মঙ্গল কার্যক্রম এই 'ছাত্র মঙ্গল'
 প্রকল্পের নাম 'ছাত্র মঙ্গল' মঙ্গল কার্যক্রম প্রদান করা

11.8.23

K. D. W.
01/08/2023

(30)



Chakraborty
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SAMPLE COPIES OF PROJECT WORK COMPLETION CERTIFICATE

 GOVERNMENT OF WEST BENGAL GOVERNMENT GENERAL DEGREE COLLEGE, KESHIARY <small>P.O. Tilaboni, Mahisamura, Dist. Paschim Medinipur - 721135</small>	 GOVERNMENT OF WEST BENGAL GOVERNMENT GENERAL DEGREE COLLEGE, KESHIARY <small>P.O. Tilaboni, Mahisamura, Dist. Paschim Medinipur - 721135</small>
Ref. No.	Date: 31 Aug 2023
TO WHOM IT MAY CONCERN	TO WHOM IT MAY CONCERN
<p>This is to certify that Mr./Miss CHANDNI JANA, 6th Semester, 2023 a student of the Department of Political Science, Government General Degree College, Keshiary has successfully completed the project/dissertation work entitled Communication in Keshiary Region: Problems & Prospects under the guidance of Dr./Mr./Mrs. Kaushik Das, Assistant Professor in Political Science. The mentioned project/dissertation work has been accomplished to partially fulfil the minimum requirements of the syllabus (CBCS) of B.A./ B.Sc. as offered by the Vidyasagar University.</p>	<p>This is to certify that Mr./Miss DIPIKA SHIT, 6th Semester, 2023 a student of the Department of Political Science, Government General Degree College, Keshiary has successfully completed the project/dissertation work entitled Women's education in Keshiary block under the guidance of Dr./Mr./Mrs. Kaushik Das, Assistant Professor in Political Science. The mentioned project/dissertation work has been accomplished to partially fulfil the minimum requirements of the syllabus (CBCS) of B.A./ B.Sc. as offered by the Vidyasagar University.</p>
 (Dr. Sudipta Chakrabarty) <small>Officer-in-Charge GGDC, Keshiary</small>	 (Dr. Sudipta Chakrabarty) <small>Officer-in-Charge GGDC, Keshiary</small>




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Project Work of the Environment Compulsory Course (Department of Chemistry)

Syllabus

Vidyasagar University

Ability Enhancement Compulsory Course (AECC –
Environmental Studies)

Environmental Studies

Credits: 4

Unit 1: Introduction to environmental studies

- Multidisciplinary nature of environmental studies;
- Scope and importance; Concept of sustainability and sustainable development.

(2 lectures)

Unit 2: Ecosystems

- What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem: food chains, food webs and ecological succession. Case studies of the following ecosystems:
 - a) Forest ecosystem
 - b) Grassland ecosystem
 - c) Desert ecosystem
 - d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

(6 lectures)

Unit 3: Natural Resources: Renewable and Non-renewable Resources

- Land resources and land use change; Land degradation, soil erosion and



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• Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context.

- Environmental policy and gender issues.

(7 lectures)

Unit 7: Human Communities and the Environment

- Human population growth: Impacts on environment, human health and welfare.
- Resettlement and rehabilitation of project affected persons; case studies.
- Disaster management: floods, earthquake, cyclones and landslides.
- Environmental movements: Chipko, Silent valley, Bishnois of Rajasthan.
- Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.
- Environmental communication and public awareness, case studies (e.g., CNG vehicles in Delhi).

(6 lectures)

Unit 8: Field work

- Visit to an area to document environmental assets: river/ forest/ flora/fauna, etc.
- Visit to a local polluted site--Urban/Rural/Industrial/Agricultural.
- Study of common plants, insects, birds and basic principles of identification.
- Study of simple ecosystems--pond, river, Delhi Ridge, etc.
- Disaster management.
- Coastal ecosystem.

(Equal to 5 lectures)

Suggested Readings:

1. Carson, R. 2002. *Silent Spring*. Houghton Mifflin Harcourt.
2. Gadgil, M., & Guha, R. 1993. *This Fissured Land: An Ecological History of India*. Univ. of California Press.
3. Gleeson, B. and Low, N. (eds.) 1999. *Global Ethics and Environment*, London, Routledge.
4. Gleick, P. H. 1993. *Water in Crisis*. Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute, Oxford Univ. Press.
5. Groom, Martha J., Gary K. Meffe, and Carl Ronald Carroll. *Principles of Conservation Biology*. Sunderland: Sinauer Associates, 2006.




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SAMPLE COPY OF PROJECT WORK OF DEPARTMENT OF CHEMISTRY

**GOVERNMENT GENERAL
DEGREE COLLEGE, KES-
HIARY A PROJECT REP-
ORT ON SOIL POLLUTI-
ON VIDYASAGAR UNIV-
ERSITY**

**SUBMITTED BY
NAME - SOMA PAIRA
SUBJECT - AIR POLLU-
TION**

**BA (HONOURS) 1ST
YEAR**

**ROLL- 1111113 NO -
220084**

**REG - VU221130093
OF 2022-2023**

YEAR - 2022 - 2023



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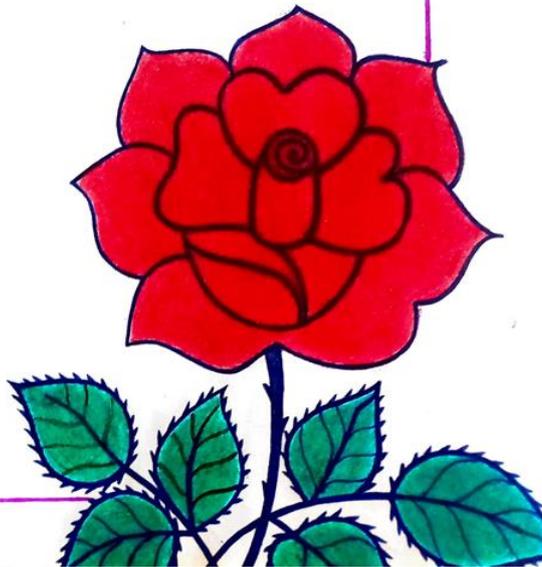
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অভিজ্ঞান পত্র

আমি এই মর্মে জ্ঞান করছি যে দ্বিতীয় মেট্রিকের পাঠ্যক্রম আনুষ্ঠানিক
প্রমাণসহকারে সন্ধ্যায়ের আদর্শিকতা ও অধিকৃত অঙ্ক শিমের প্রকৃত পাঠ্য
করেছে তা আমরাই অঙ্ক বার্ষিক সূচ্যের জার মঞ্জুর করেছি তাই প্রকৃত
নিম্নে আমি মুদ্রা করছি।

তারিখ :- 3.8.2023


সিদ্ধান্ত প্রাপ্ত




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সৃষ্টিপত্র

বায়ু দূষণ

বিষয়	পৃষ্ঠা নং
ভূমি	১
বায়ু দূষণ কাকে বলে?	২
বায়ু দূষক কাকে বলে	৩
প্রাথমিক বায়ুদূষক	
দ্বিতীয় বায়ুদূষক	
বায়ু দূষণের কারণ	
• প্রাকৃতিক কারণ	
১. দাবানল	
২. অনুরোধ	৪
৩. বৃষ্টিপাত	৫
৪. অর্ধ	৬
৫. মধ্যপ্রাচ্যিক বস্তু	
• মনুষ্য দূষক	৭
৬. বনদগর ঘানা	



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ক্রমিক	বিষয়	পৃষ্ঠা নং
২.	পানবাছন	৪
৩.	অন্বিত্যুট উপাদান কেন্দ্র	
৪.	স্বাভাবিক কেন্দ্র	৭
৫.	অন্যান্য দ্রব্য	
	প্রতিকারের উপায়	১০
•	বায়ুদূষণ নিয়ন্ত্রণ	
৬.	বনমূচন	
৭.	অন্বিত্যুট ক্রিয়ের ব্যবহার	
৮.	বিশুদ্ধ জলনির্ভর ব্যবহার	
৯.	বায়ু পরিষ্কারক যন্ত্র স্থাপন	
১০.	উপাদান পদ্ধতির পরিবর্তন	১১

সিদ্ধার্থ মাস্তুর
Soma Rana

সিদ্ধার্থ মাস্তুর
Soma Rana

তারিখ - 3.8.2023



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কৃতজ্ঞতা স্বীকার

আমি সর্ব প্রথম কৃতজ্ঞতা জানাচ্ছি আমাদের
 জাতির জনক বঙ্গবন্ধু শেখ মুজিবুর রহমানের
 ডায়ালগ শরণার্থী এবং বিস্ময়কর মাননীয়
 বিশিষ্ট সাবেক সিনিয়র শিক্ষকদের উনার সহযোগিতা এই
 ব্যবস্থার সফলতা সম্ভব করা আমার লক্ষ্য মনুষ্য হতে না। তাছাড়া
 আমি কৃতজ্ঞতা জানাচ্ছি আমাদের অন্যান্য শিক্ষক মহোদয়দের যারা
 প্রত্যক্ষ ও পরোক্ষ ভাবে এই প্রকল্পটি বাস্তবায়ন ক্ষেত্রে আমাকে
 সাহায্য করেছেন, সেই সঙ্গে বর্নাবাদ জানাচ্ছি সংশ্লিষ্ট ও শিক্ষক
 মহোদয়দের যারা প্রকল্পটি বাস্তবায়ন ক্ষেত্রে কোনো কোনো ভাবে
 সহযোগিতা করেছেন।

অবশেষে আমি শ্রদ্ধা ও আভিনন্দন জানাই
 কলিকাতা বিশ্ববিদ্যালয়, অরুণাচল ও অসমের বৃন্দকে যারা
 শিক্ষার্থীদের পাঠদান, প্রকল্প বাস্তবায়ন এবং মানসিক টেকসই
 সার্বিক করে মানুষ রূপে পরিণত করার মহৎকাঙ্ক্ষা সদ্য
 নিযুক্ত।

বর্নবাদান্তে

শিক্ষার্থীর নাম - সোমা লত্যা
 রোল নং - ১১১১১১৩ নং - ২২০০৬৪
 সেমিস্টার - 2nd Sem
 জাতির জনক বঙ্গবন্ধু শেখ মুজিবুর রহমানের

Date:- 3.8.2023



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Ref. No. Date: 31 Aug 2023

TO WHOM IT MAY CONCERN

This is to certify that Mr./Miss **ANURADHA DAS, 2nd Semester**, 2023 a student of **Government General Degree College, Keshiary** has successfully completed the ENVS project work entitled '**Grassland ecosystem**' under the guidance of Dr./Mr./Mrs. **Sutapa Ray, Soumya Sundar Mati and Hillol Khatua**, Assistant Professor in **Chemistry**. The mentioned project/dissertation work has been accomplished to partially fulfil the minimum requirements of the syllabus (CBCS) of B.A./ B.Sc. as offered by the Vidyasagar University.

(Dr. Sudipta Chakrabarty)
Officer-in-Charge
GGDC, Keshiary

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Ref. No. Date: 31 Aug 2023

TO WHOM IT MAY CONCERN

This is to certify that Mr./Miss **ARPITA BHUNIA, 2nd Semester**, 2023 a student of **Government General Degree College, Keshiary** has successfully completed the ENVS project work entitled '**Bishnois movement of Rajasthan**' under the guidance of Dr./Mr./Mrs. **Sutapa Ray, Soumya Sundar Mati and Hillol Khatua**, Assistant Professor in **Chemistry**. The mentioned project/dissertation work has been accomplished to partially fulfil the minimum requirements of the syllabus (CBCS) of B.A./ B.Sc. as offered by the Vidyasagar University.

(Dr. Sudipta Chakrabarty)
Officer-in-Charge
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Ref. No. Date: 31 Aug 2023

TO WHOM IT MAY CONCERN

This is to certify that Mr./Miss **ABDUL SATTAR SHA, 2nd Semester**, 2023 a student of **Government General Degree College, Keshiary** has successfully completed the ENVS project work entitled '**Chipko Movement**' under the guidance of Dr./Mr./Mrs. **Sutapa Ray, Soumya Sundar Mati and Hillol Khatua**, Assistant Professor in **Chemistry**. The mentioned project/dissertation work has been accomplished to partially fulfil the minimum requirements of the syllabus (CBCS) of B.A./ B.Sc. as offered by the Vidyasagar University.

(Dr. Sudipta Chakrabarty)
Officer-in-Charge
GGDC, Keshiary



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