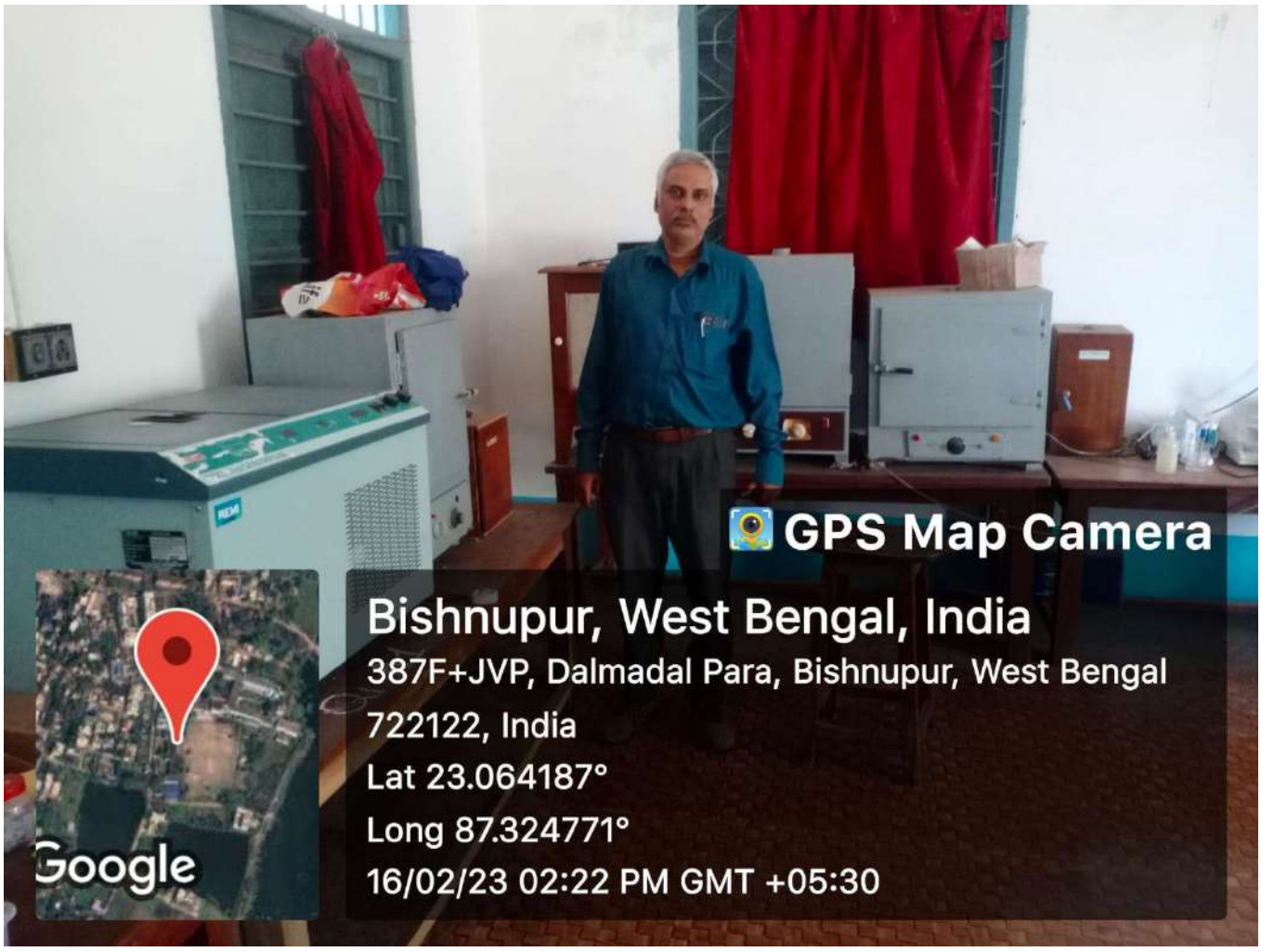
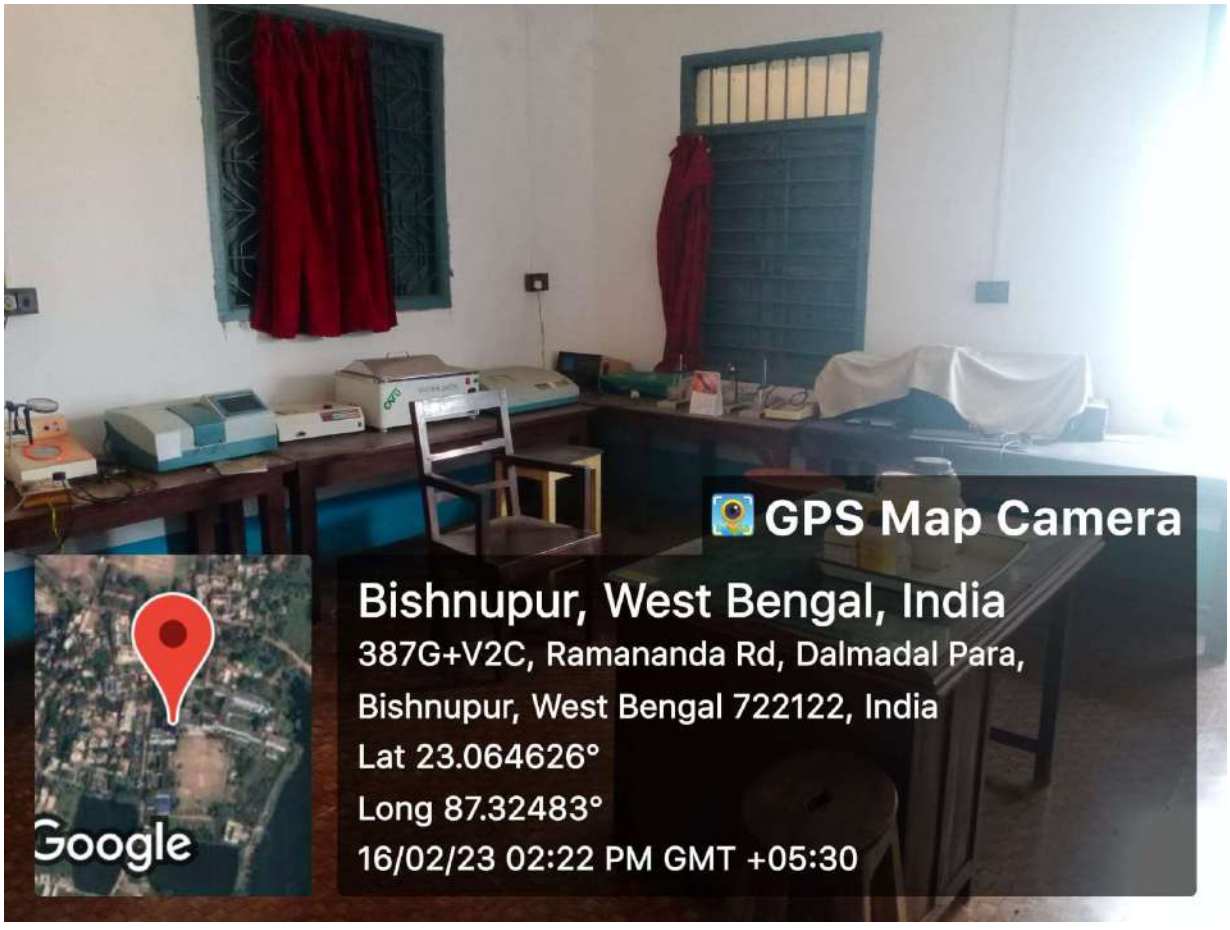
3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Central Instrument Facility





Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities

STUDENTS SEMINAR

STUDENTS SEMINAR
by using ICT Tools

GEOGRAPHY STUDENTS' SEMINAR

SEMINAR OF 1ST SEMESTER (2021-22)

DATE:- 20. 12.2021- 21.12.2021 TIME:- 10 A.M

Sl. No.	Name	Topic name
1	Ananya Mukherjee	Isostacy
2	Ananya Roy	Isostacy Adjustment
3	Antara Dutta	Nebular hypothesis
4	Arpita Pal	Faulting
5	Debprasad Rakshit	Internal structure of the earth
6	Dwipkul Bala	Penck and hack
7	Jasimuddin Mondal	Plate tectonic theory
8	Jyotilal kisku	Plate tectonic processes (Orogenesis)
9	Mistu Debgharia	Big bang theory
10	Poulame samanta	Plate tectonic processes (vulcanicity)
11	Pritam santra	Geological time scale
12	Priyanka Kisku	Continental drift theory
13	Rakhi saha	Dust cloud hypothesis
14	Ramendra nath Saren	Folding
15	Sayandip Sindal	Sea floor spreading
16	Selina khatun	Dust cloud hypothesis
17	Seuli Maji	Big bang
18	Sneha dey	Davis Theory
19	Sonam ghatak	Continental drift theory
20	Srija Nandi	Geological time scale
21	Subhajit Karmakar	Internal structure of the Earth
22	Subhankar mahata	Plate movement
23	Sumita Hembram	Davis Theory
24	Surovi Dey	Earthquake
25	Tuhin Hembram	Vulcanicity

DEPARTMENT OF GEOGRAPHY * ESTD. - 1945 * P.O.- Bishnupur Dt.- Bankura * RAMANANDA COLLEGE *

21/12/21

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Department of Geography
Ramananda College
Bishnupur, Bankura

GEOGRAPHY SEMINER OF 3rd SEMESTER (2020-21)

Date : 20.12.2021- 21.12.2021 Time : 10 A.M

Sl. No	Name	Roll. No	UID No	Topic
1	Ramesh Roy	209	20173119021	Planetary wind system
2	Sainik Bauri	208	20173119008	Origin and classification of Air mass
3	Dipesh Saha	1171	20173119004	Insolation : Factors and distribution
4	Suman Dey	199	20173119010	Global Heat budget
5	Souvik Manna	212	20173119005	Jet Stream
6	Rana Chakraborty	190	20173119018	Regional Problem : Jangalmahal
7	Ishika Haldar	195	20173119022	Classification of world climate
8	Chaitali Barat	1169	20173119002	Origin and characteristics of tropical and temperate cyclone
9	Reeka Dutta	1170	20173119006	collision- coalescence theory
10	Sindhiya Das	213	20173119007	Population distribution in India
11	Rachana Karmakar	1168	20173119001	Frontogenesis and Frontolysis
12	Soumi Kesh	207	20173119009	Green Revolution
13	Abhinandan Banerjee	186	20173119017	Population growth in India
14	Riya De	193	20173119014	Ice crystal theory
15	Pallabi Middya	194	20173119003	condensation
16	Chandrika Betal	192	20173119011	Agricultural Region in India
17	Mahamud Hassan Mandal	206	20173119020	Mechanism of Precipitation
18	Ambika Lohar	185	20173119019	Climate change : causes and evidences
19	Neha Nag	198	20173119012	Inversion of Temperature

RAMANANDA COLLEGE * DEPARTMENT OF GEOGRAPHY * ESTD. - 1945 P.O.- Bishnupur Dt.- Bankura

21/12/21

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Department of Geography
Ramananda College
Bishnupur, Bankura

GEOGRAPHY SEMINAR OF 5TH SEMESTER (2021-21)

Date : 20.12.2021- 21.12.2021

Time : 10 A.M

Sl. No.	Name	UID. no.	Roll. no.	Topic name
1	BRISTI ROY	19173119001	162	Coral Reef
2	ANJAN KUNDU	19173119002	163	Subsidence Theory
3	MOSIUR SHEIKH	19173119003	164	Mediaeval periods
4	PRIYANKA KHATUN	19173119004	165	Central Place Theory
5	PURNIMA RAY	19173119005	166	Spring
6	MANISHA HEMBRAM	19173119007	169	Global Hydrological Cycle
7	SANU PRATIHAR	19173119008	170	Sea Level Change
8	SWARUP ROY	19173119009	171	Alexander von Humboldt
9	SUDIP GHOSH	19173119010	173	Infiltration
10	SUMANTA TUDU	19173119011	174	Ancient Periods
11	SUBHAJIT CHOUDHURY	19173119012	175	Physical properties of ocean water(temperature)
12	JICO AICH	19173119013	177	Run-off cycle
13	ANKITA KUNDU	19173119014	178	Karl Ritter
14	SUBRATA KARMAKAR	19173119015	179	Ground water
15	SAHANAJ PARVIN MALLICK	19173119016	180	Definition of Geography
16	Tanima Bhattacharyya	19173119017	181	Evapotranspiration
17	SUBHADIP BARI	19173119018	182	Run-off
18	SOUMITRA MANDAL	19173119019	1011	Urban fringe
19	RUPAK ADHIKARI	19173119020	249	Ground water recharge

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Ramananda College
Bishnupur, Bankura

GEOGRAPHY SEMINAR OF 3rd SEMESTER (2021-22)

DATE:. 07/11/22 & 10.11.2022 TIME:- 10 A.M

Sl. No.	Name	UID. no.	Date
1	Ananya Mukherjee	21173119022	10/11
2	Antara Dutta	21173119010	10/11
3	Arpita Pal	21173119011	10/11
4	Debprasad Rakshit	21173119002	10/11
5	Dwipkul Bala	21173119023	10/11
6	Jasimuddin Mondal	21173119019	10/11
7	Jyotilal kisku	21173119014	10/11
8	Mistu Debgharia	21173119012	10/11
9	Poulame samanta	21173119019	10/11
10	Pritam santra	21173119015	10/11
11	Priyanka Kisku	21173119008	10/11
12	Rakhi saha	21173119017	7/11
13	Ramendra nath Saren	21173119005	7/11
14	Sayandip Sindal	21173119003	7/11
15	Selina khatun	21173119020	7/11
16	Seuli Maji	21173119007	7/11
17	Sneha dey	21173119013	7/11
18	Sonam ghatak	21173119021	7/11
19	Srija Nandi	21173119009	7/11
20	Subhankar mahata	21173119006	7/11
21	Surovi Dey	21173119001	7/11
22	Tuhin Hembram	21173119018	7/11

DEPARTMENT OF GEOGRAPHY * RAMANANDA COLLEGE * ESTD. - 1945 P.O.- Bishnupur Dt.- Bankura

Head 11/22

Department of Geography
Ramananda College
Bishnupur, Bankura

GEOGRAPHY SEMINER OF 5th SEMESTER (2021-22)

Date :07/11/22& 10/11/22 Time : 10:30A.M

Sl. No	Name	Roll. No	UID No	date
1	Ramesh Roy	209	20173119021	07/11
2	Sainik Bauri	208	20173119008	07/11
3	Dipesh Saha	1171	20173119004	07/11
4	Suman Dey	199	20173119010	07/11
5	Souvik Manna	212	20173119005	07/11
6	Rana Chakraborty	190	20173119018	07/11
7	Ishika Haldar	195	20173119022	07/11
8	Chaitali Barat	1169	20173119002	07/11
9	Reeka Dutta	1170	20173119006	07/11
10	Sindhiya Das	213	20173119007	07/11
11	Rachana Karmakar	1168	20173119001	10/11
12	Soumi Kesh	207	20173119009	10/11
13	Abhinandan Banerjee	186	20173119017	10/11
14	Riya De	193	20173119014	10/11
15	Pallabi Middya	194	20173119003	10/11
16	Chandrika Betal	192	20173119011	10/11
17	Mahamud Hassan Mandal	206	20173119020	10/11
18	Ambika Lohar	185	20173119019	10/11
19	Neha Nag	198	20173119012	10/11

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10/11/22

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Ramananda College
Bishnupur, Bankura

RAMANANDA COLLEGE

3rd SEMESTER HOME ASSIGNMENT (2021-2022)

DEPARTMENT OF GEOGRAPHY

SL NO	NAME	ROLL NO	UID NO	TOPIC		
				Climatology	Geography of India	Statistical Methods in Geography
1	ANANYA MUKHERJEE	1	21173119022	Insolation	Indian relief	Central Tendency
2	ANTARA DUTTA	3	21173119010	Inversion of Temperature: Processes and Impact on Surface Weather	West Bengal relief	Central Tendency
3	ARPITA PAL	4	21173119011	Forms and processes of Condensation;	power resources	Central Tendency
4	DEBAPRASAD RAKSHIT	5	21173119002	Jet Stream and Rossby Waves	Regional Problem: Darjeeling Hills,	Central Tendency
5	DWIPKUL BALA	6	21173119023	Origin and Characteristics of Tropical and Temperate Cyclones	Population distribution in India	Central Tendency
6	JASIMUDDIN MONDAL	7	21173119019	Insolation: Factors and Distribution, Stability and Instability	Soil classification	Central Tendency
7	JYOTILAL KISKU	8	21173119014	Jet Stream and Rossby Waves	Automobile of India	Central Tendency
8	MISTU DEBGHARIA	9	21173119012	Inversion of Temperature	Language of India	Central Tendency
9	POULAME SAMANTA	10	21173119016	Planetary Wind system with special reference to Tricellular Model	Darjeeling Hills	Central Tendency
10	PRITAM SANTRA	11	21173119015	Genesis of Monsoon	Regionalization of India	Central Tendency
11	PRIYANKA KISKU	12	21173119008	Origin and Classification Airmass;	India Climate of	Central Tendency
12	RAKHI SAHA	13	21173119017	Origin and Characteristics of Tropical and Temperate Cyclones	Industrial development	Measurement of Dispersion
13	RAMENDRA NATH SAREN	14	21173119005	Climate Change: Causes and Evidence	Green Revolution	Measurement of Dispersion
14	SAYANDIP SINDAL	16	21173119003	Classification of World Climates: Schemes of Koppen	Jangamahal	Measurement of Dispersion
15	SELINA KHATUN	17	21173119020	Schemes of Koppen and Thornthwaite	Forest of west Bengal	Measurement of Dispersion
16	SEULI MAJI	18	21173119007	Global Heat Budget, Stability and Instability	Sundarban	Measurement of Dispersion
17	SNEHA DEY	19	21173119013	Factors controlling Air Motion and resulting Flow Patterns	Vegetation of India	Measurement of Dispersion
18	SONAM GHATAK	20	21173119021	Genesis of Monsoon	Race of India	Measurement of Dispersion
19	SRIJA NANDI	21	21173119009	Schemes of Koppen and Thornthwaite	Petroleum, Gas	Measurement of Dispersion
20	SUBHANKAR MAHATA	23	21173119006	Tricellular Model	Agricultural of west Bengal	Measurement of Dispersion

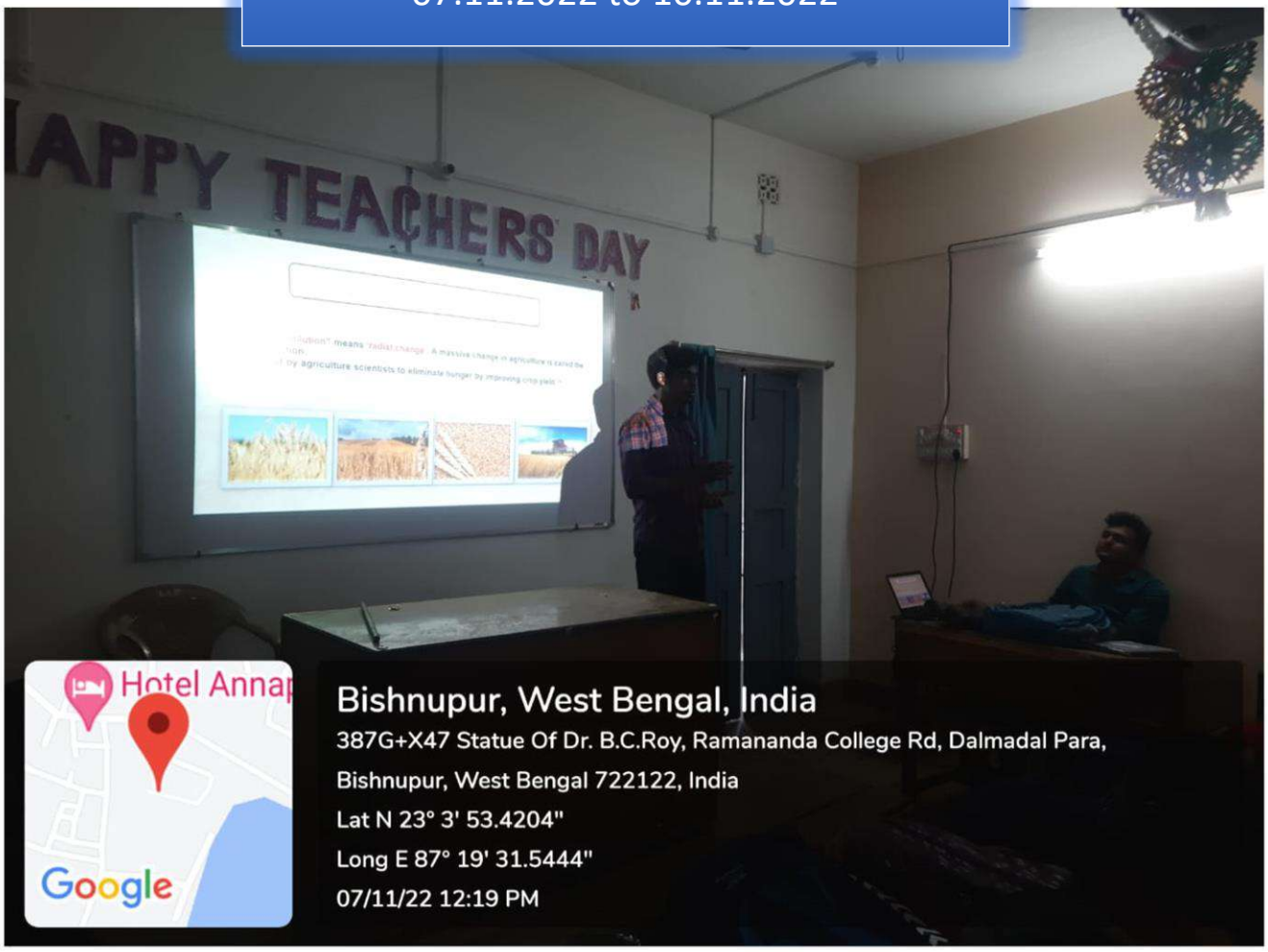
21	SUROVI DEY	25	21173119001	Forms and processes of Condensation; ice Crystal and Collision-Coalescence Theory	Industries of West Bengal	Measurement of Dispersion
22	TUHIN HEMBRAM	26	21173119018	Climate Change: Causes and Evidence	Religion in India	Measurement of Dispersion

DEPARTMENT OF GEOGRAPHY * ESTD. - 1945 * P.O.- Bishnupur Dt.- Bankura * RAMANANDA COLLEGE

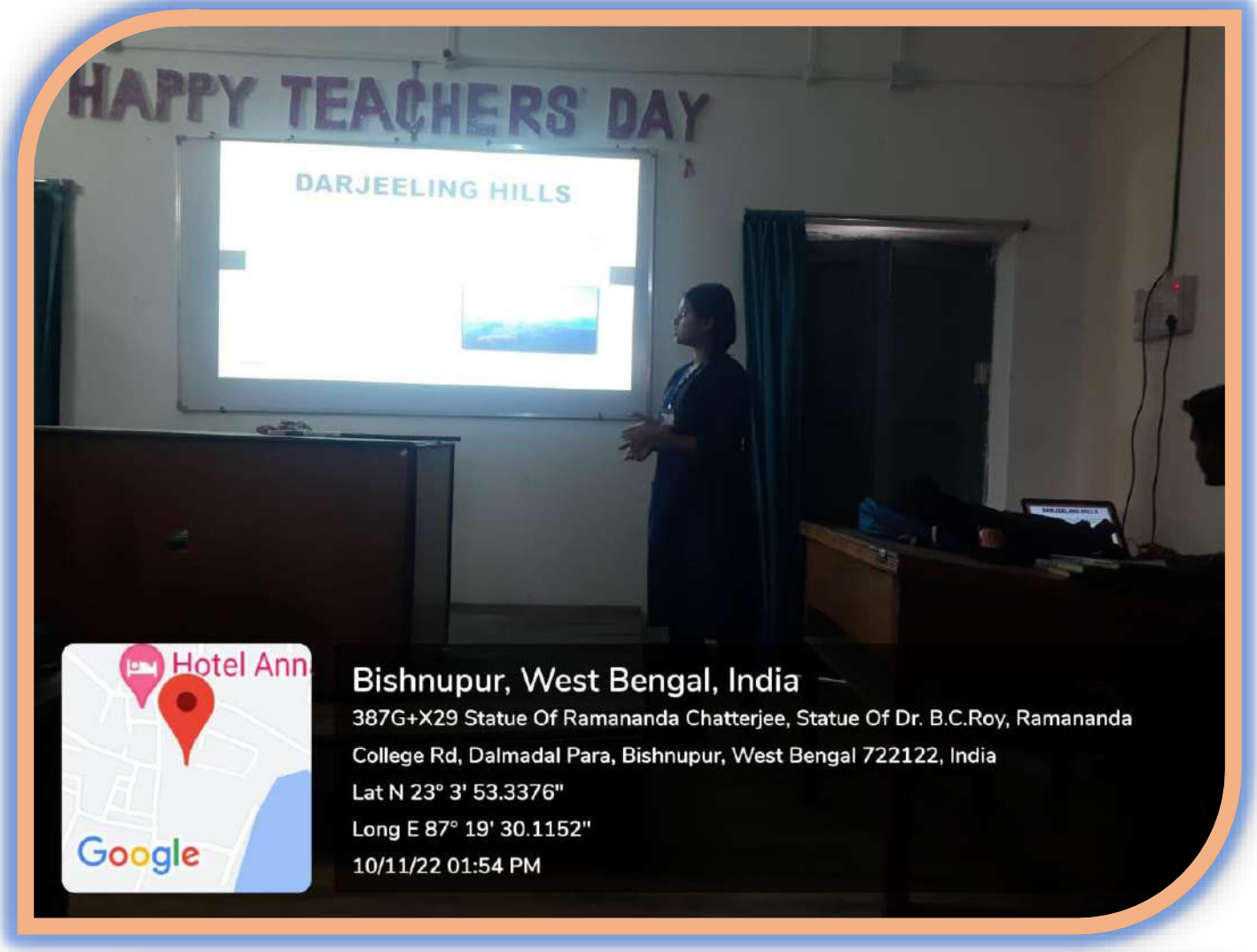
7/11/22

Head
Department of Geography
Ramananda College
Bishnupur, Bankura

Geography Department Student Seminar
07.11.2022 to 10.11.2022

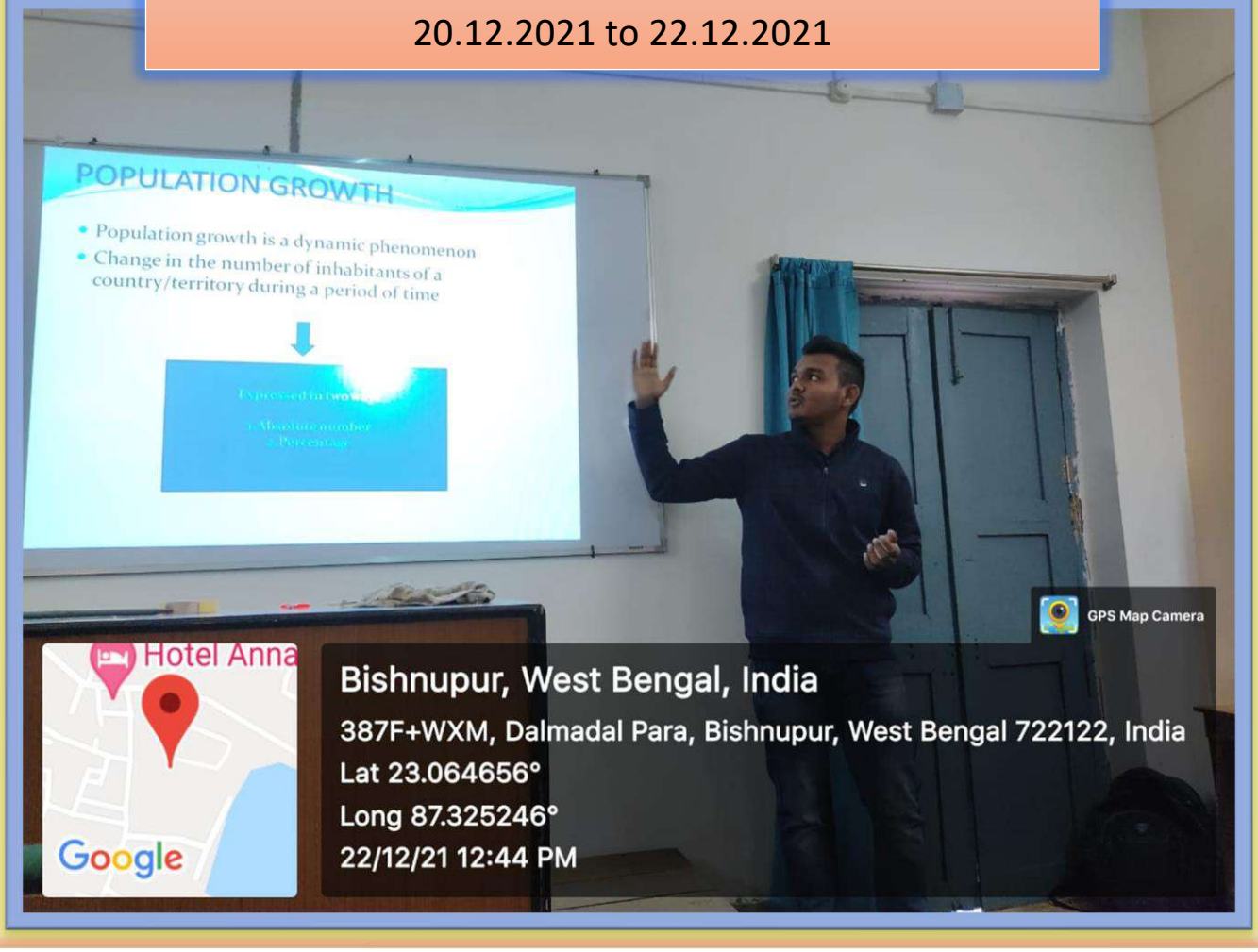




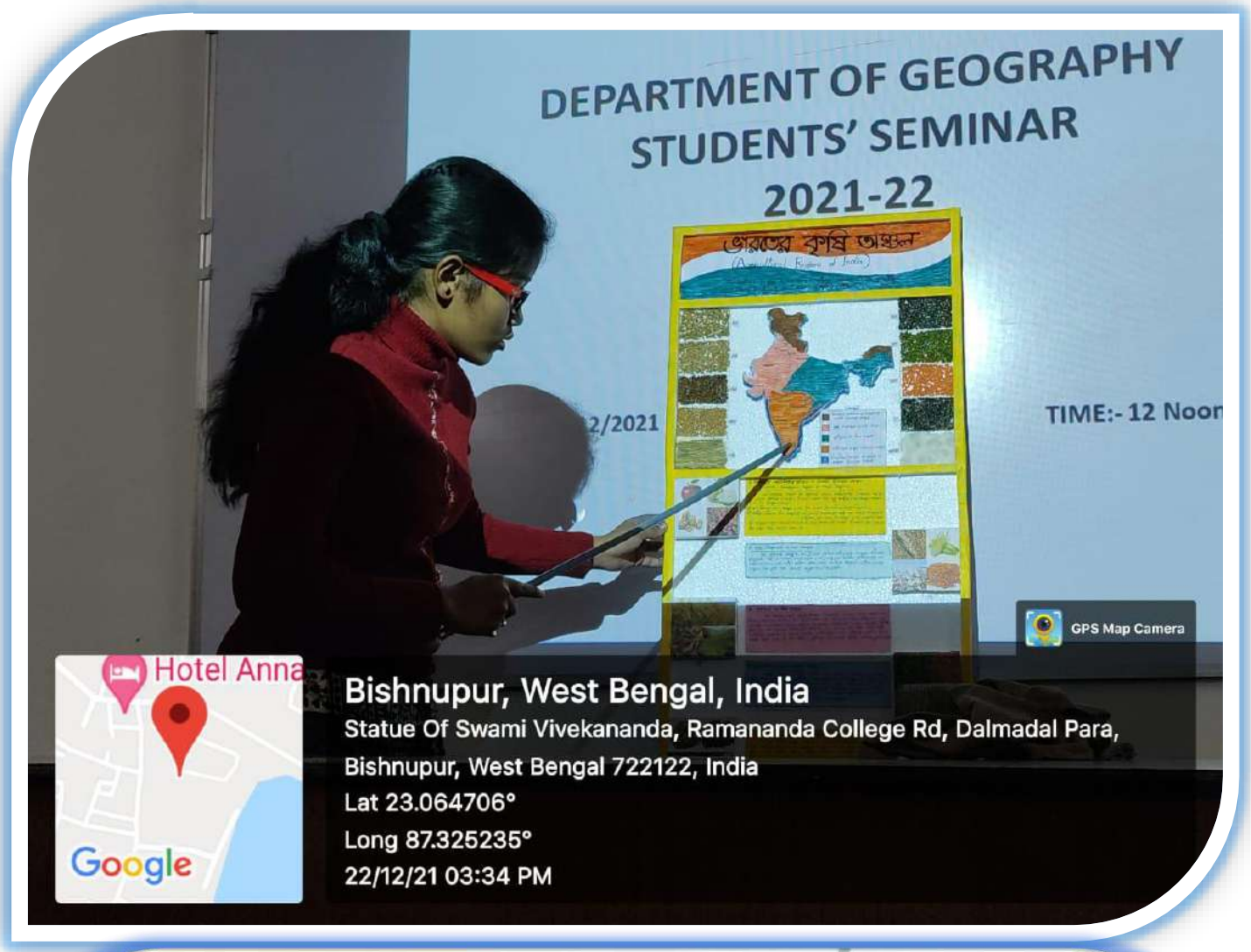

HAPPY TEACHERS DAY
DARJEELING HILLS
Hotel Ann
Google
Bishnupur, West Bengal, India
387G+X29 Statue Of Ramananda Chatterjee, Statue Of Dr. B.C.Roy, Ramananda College Rd, Dalmadal Para, Bishnupur, West Bengal 722122, India
Lat N 23° 3' 53.3376"
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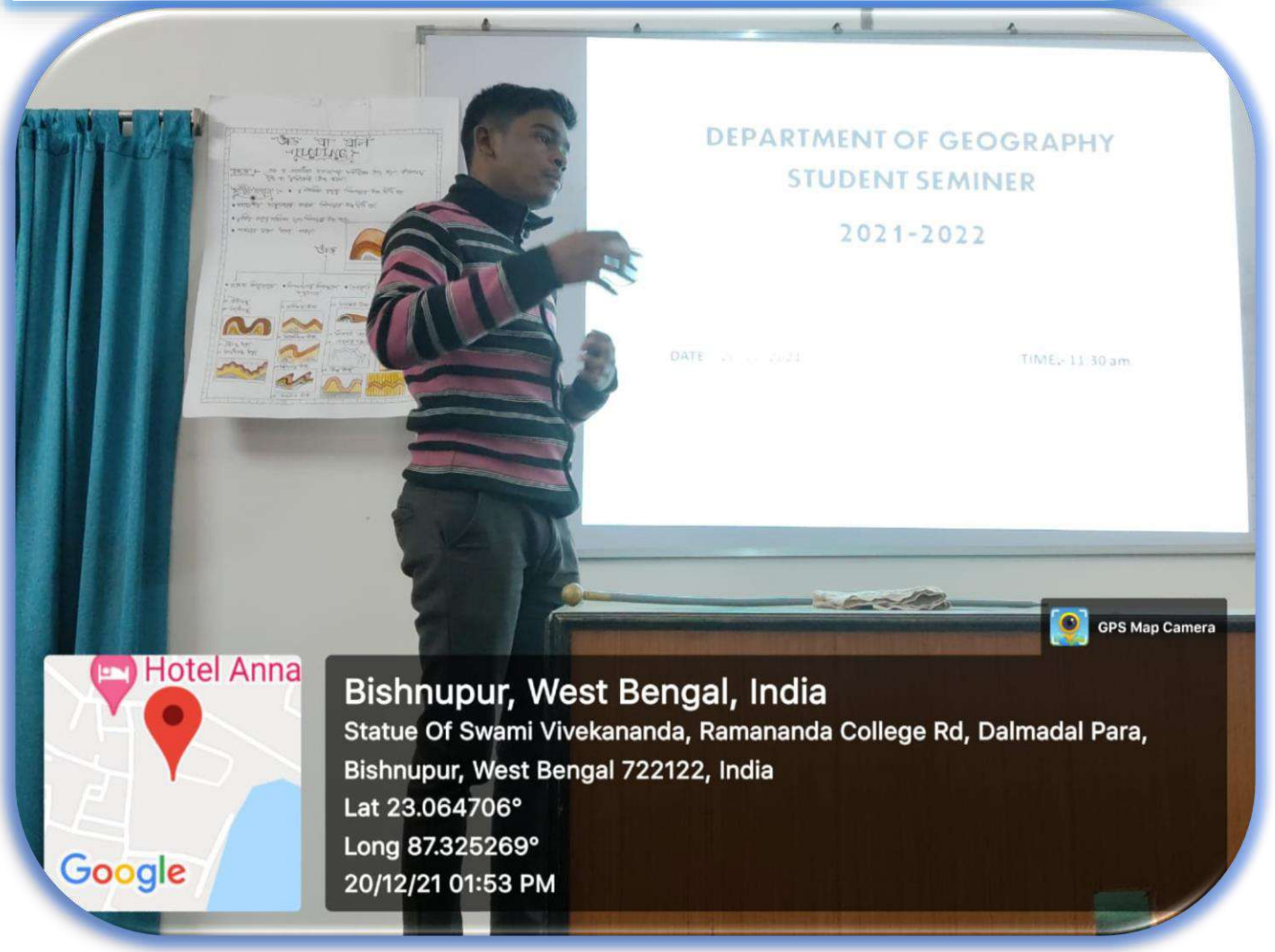

HAPPY TEACHERS DAY
TRENDS OF URBANISATION IN INDIA
Hotel Anna
Google
Bishnupur, West Bengal, India
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10/11/22 02:26 PM

Geography Department Student Seminar
20.12.2021 to 22.12.2021



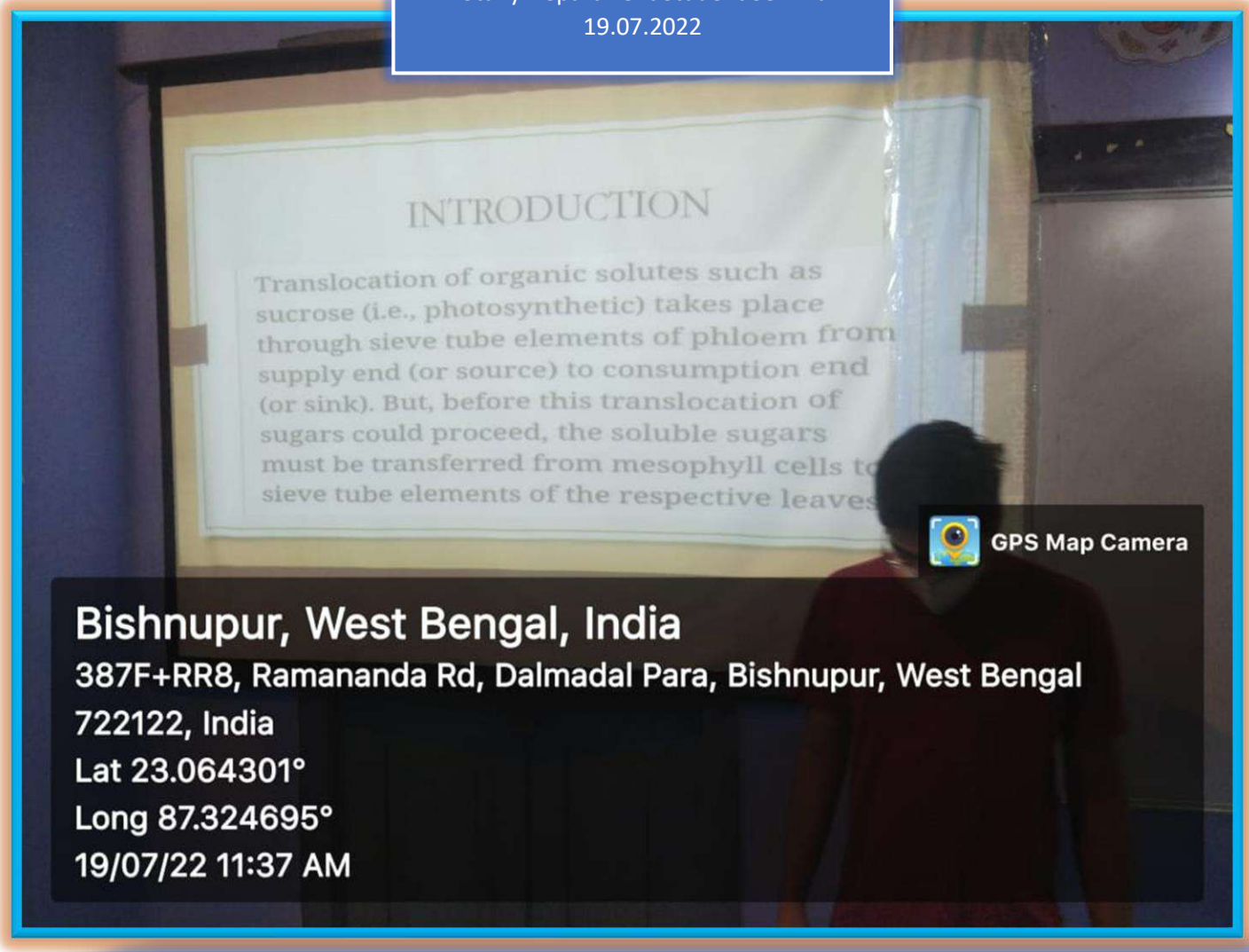



DEPARTMENT OF GEOGRAPHY
STUDENTS' SEMINAR
2021-22
TIME:- 12 Noon
GPS Map Camera
Hotel Anna
Google
Bishnupur, West Bengal, India
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Bishnupur, West Bengal 722122, India
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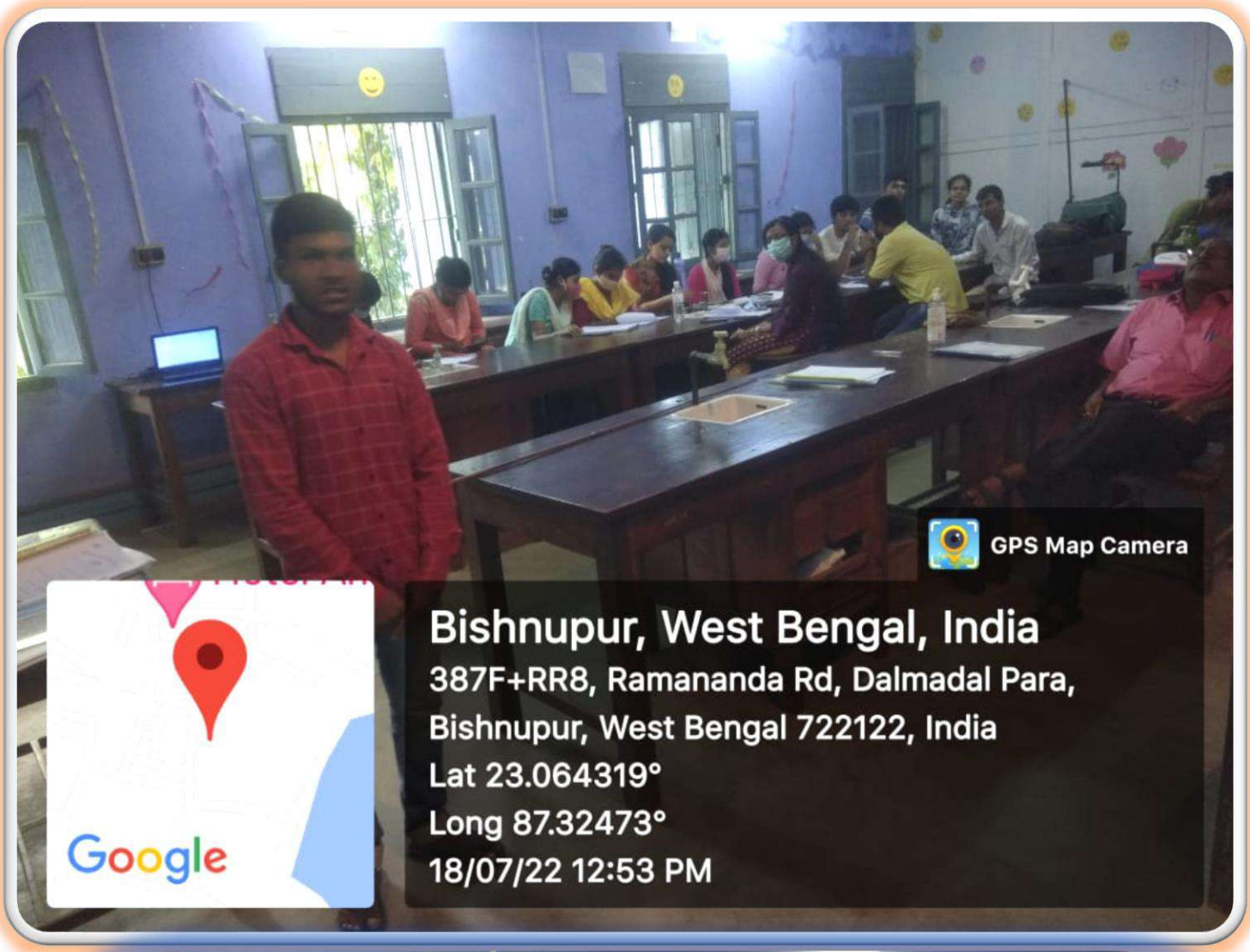

DEPARTMENT OF GEOGRAPHY
STUDENT SEMINER
2021-2022
GPS Map Camera
Hotel Anna
Google
Bishnupur, West Bengal, India
Statue Of Swami Vivekananda, Ramananda College Rd, Dalmadal Para,
Bishnupur, West Bengal 722122, India
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Long 87.325269°
20/12/21 01:53 PM

BOTANY
STUDENTS' SEMINAR

Botany Department Student Seminar
19.07.2022






GPS Map Camera
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Bishnupur, West Bengal 722122, India
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Google


GPS Map Camera
Hotel Ann
Bishnupur, West Bengal, India
387G+V2C, Ramananda Rd, Dalmadal Para,
Bishnupur, West Bengal 722122, India
Lat 23.064671°
Long 87.324899°
18/07/22 11:59 AM
Google

STUDENTS' RESEARCH PROJECT

BOTANY DEPARTMENT

RAMANANDA COLLEGE

BISHNUPUR * BANKURA
Pin – 722122, West Bengal
UGC Recognized & State Government Aided Constituent College
Bankura University

Tel - (03244)2520
Tele Fax – (03244) 2544
e-mail –principal@ramanandacollege.o
Website-www.ramanandacollege.o

Ref. No.

Date: 07/12/2022

UG -Students

1. Shibasish Das De- 8391020385
2. Tapabrato Pal – 9002581172
3. Priya Pal – 8371953120
4. Rima Meddya- 6295828947
5. Sulekha Lohar- 7908874742
6. Sayantani Singha- 90835789105
7. Bhagabati Gorai- 7029066756
8. Arpita Ganguli- 9083030048
9. Subrata Chowdhury-9832102561
6. Biswanath Saren- 7076454445
7. Abhik Pathak- 8918775982 ✓
8. Daktar Mahato- 7602720403
9. Barun Das- 9851528631 ✓
10. Rakhi Ghosh- 7548984207
11. Itu Mama- 8670245849
12. Balaka Biswas- 8967966533
13. Tridib Das- 6295935723 ✓
14. Mritunjoy Ghosh- 8389882311
15. Onkarnath Shit- 9083230543
16. Nisha Nag- 7719100926 ✓

PG 1st Sem Students

1. Soumen Gorai- 8906771153 ✓
2. Sourin Ghosh- 8158072897
3. Soumyabrata Panda- 7679941862
4. Priya Dey- 8001431399
5. Sangita Dey- 8391080758
6. Puja Chowdhury- 8637560192
7. Nirmalya Chakraborty- 9933433676

PG 3rd Sem Students

1. Pabitra Atta- 9614828656
2. Nimisha De- 7585984853
3. Banashree Pal- 9382924543
4. Mampi Roy- 6296287886
5. Puja Kar- 6297802964

Principal

Ramananda College, Bishnupur, Bankura

Principal
Ramananda College
Bishnupur, Bankura

RAMANANDA COLLEGE

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Bankura University

Tel - (03244)2520
Tele Fax – (03244) 2544
e-mail –principal@ramanandacollege.c
Website-www.ramanandacollege.c

Ref. No.

Date: 07/12/2022

Name of theTeachers

1. Dr. Shyamal Kanti Mallick
2. Dr. Ashish Mandal
3. Dr. Sabyasachi Chatterjee
4. Mr. Sanju Dutta

Principal

Ramananda College, Bishnupur, Bankura

Principal
Ramananda College
Bishnupur, Bankura

RAMANANDA COLLEGE ESTD 1945 (BANKURA) BISHNUPUR

Student and Teachers visit A.I.C Bose Indian Botanic Garden
08.04.2022








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HOWRAH


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BANKURA UNIVERSITY

FIELD REPORT

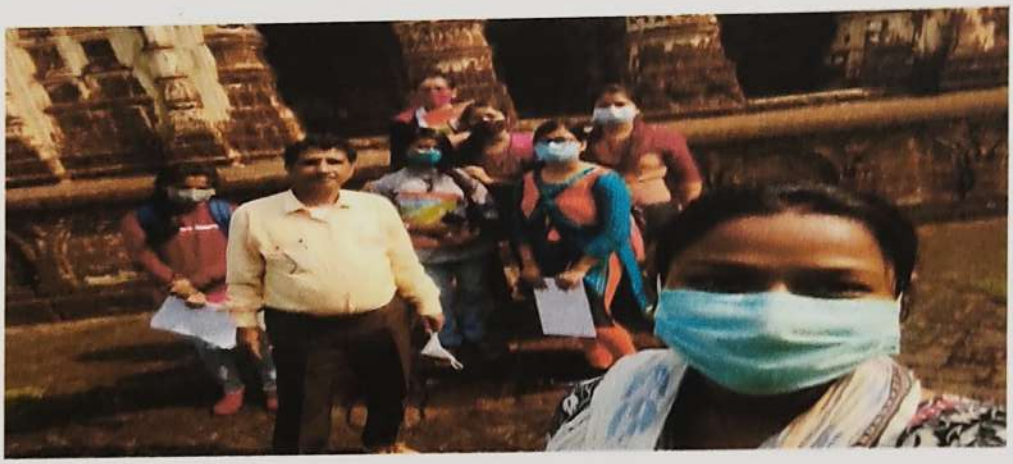
&

FIELD RECORDS

LOCAL & DISTANT TAXONOMIC EXCURSION

BOTANY, M.SC., SEM- IV

YEAR - 2020-2022



SUBMITTED BY :-

NAME – SUBHRA SARKAR

UID NO – 20173013001

REGN. NO – BKU/15573 of 2017-2018

REDMI NOTE 9 PRO
AI QUAD CAMERA

ACKNOLEGEMENT

A number of trips in purpose of learning identification of Plant as well as there ecological Properties were Conducted by our teachers of Department of Botany, Ramananda College

We thank our teachers Dr. Ajit Dutta, Dr. Shyamal ~~Kandoi~~ Kanti Mallick, Dr. Asish Mandal, Dr. Sabyasachi Chatterjee, Dr. Saubashya Sur, Dr. Rebeca Ghanta, for Conducting the trip & for giving us through out the program:

We estend our special thank to our Principal Dr. Swapna Gorai for helping us to get Peromission for the forest department & doing others adminstrative formalities.

Subhra Saskar

EDMI NOTE 9 PRO
I QUAD CAMERA

INTRODUCTION

As a part of our sem IV Curriculum in Botany we have visited botanically reached placed in Bishnupur & went to Ranchi in Jharokhand for our excursion Conducted by our department.

Field tours have great importance to know about Plants, diversity of habitat, habit & morphological variation among plants. In our limited time we could study only a few of them. During our visited we have taken Snaps of many of the Common & important Plants. Our teachers Dr. Shyamal kanti Mallick & Dr. Sabyasachi Chatterjee guide us in the excursion & also help us. to identify the plants. This report is a Summery of the field trips.

REDMI NOTE 9 PRO
AI QUAD CAMERA

EXCURSION TO BISHNUPUR AREA

Examined
Department of Botany
UG & PG
Ramananda College
Bishnupur, Bankura

Examined



LOCAL EXCURSION → BISHNUPUR AREAS

On 11th, december, 2021, we went different areas under Bishnupur with Sir Dr. Shyamal Kanti Mallick. The altitude of Bishnupur is ~~Hepne~~ 54 m. we reached college at 11.00 Pm & then started exploring the vegetation over teacher demonstrated the characteristic of the flora.

The Plants we observed, there are given below in the table :⇒

Sl.No	Name of the Plant	Family	Habitat.
1.	Adina Cordifolia	Rubiaceae	Deciduous Tree.
2.	Aerva Lanata	Amaranthaceae	Perennial herb.
3.	Calotropis gigantia	Apocynaceae	Shrub
4.	Azadirachta indica	Meliaceae	Tree
5.	Ziziphus jujuba	Rhomnaceae	A small thorny tree
6.	Tectona grandis	Lamiaceae	Hardwood tree.
7.	Bridelia retusa	Phyllanthaceae	A deciduous tree.
8.	Gardenia gummifera	Rubiaceae	Small tree
9.	Plumeria acutifolia	Apocynaceae	A soft wooded erect tree.
10.	Vernonia Sp.	Asteraceae	Shrubs.

Sl.	Name of the Plant	Family	Habitat
11.	Sida rhombifolia	Malvaceae.	Annual herb
12.	Argenome maxicana	Papaveraceae	Annual herb
13.	Amaranthus viridis	Amaranthaceae	Annual herb
14.	cleome rutidosperma	cleomaceae	herb
15.	cleome viscosa	cleomaceae	Annual herb.
16.	Euphorbia hirta	Euphorbiaceae	herb
17.	Amaranthus spinosus	Amaranthaceae	Annual herb
18.	Acalypha indica	Euphorbiaceae	Small annual herb
19.	Solanum nigrum	Solanaceae	Herb
20.	Dactyloctenium aegyptium	Poaceae	Annual herb
21.	Barleria strigosa	Acanthaceae	Un. Shrub.
22.	Gymnema Sylvestre	Apocynaceae	woody climbing shrub
23.	Bixa orellana	Bixaceae	Shrub or small tree.
24.	Ricinus Communis	Euphorbiaceae	robust Shrub or Small tree.
25.	Mikania micrantha	Asteraceae	Tropical vine
26.	Oxalis corniculata	oxalidaceae	Herb
27.	Duranta erecta	verbenaceae	Shrub.
28.	Jatropha gossypifolia	Euphorbiaceae	Erect Shrub or Small tree.
29.	Aloe barbadensis	Liliaceae	Succulant with a basal rosette in clumps.
30.	Parthenium Sp.	Asteraceae	Stout undershrub
31.	Cassia Sophera	Fabaceae	Shrub
32.	Gomphrena celosioides	Amaranthaceae	Perennial herb.

REDMI NOTE 9 PRO





Sida Cordata

oxalis stricta





Pergulania daemia



Euphorbia hirta



Justicia gendarussa.

REDMI NOTE 9 PRO
AI QUAD CAMERA



Cleome viscosa



Ipomoea cornea



Eupatorium odoratum



Centella asiatica



Cassia Sophera



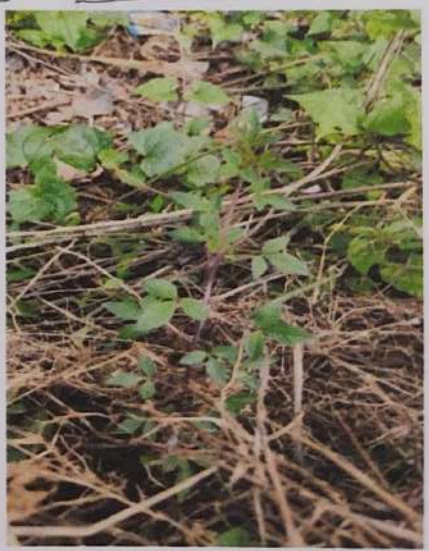
Dactyloctenium aegyptium



Mikania micrantha



Pergularia daemia



Cleome rutidosperma

REDMI NOTE 9 PRO
AI QUAD CAMERA

Duranta repens



Solanum nigrum





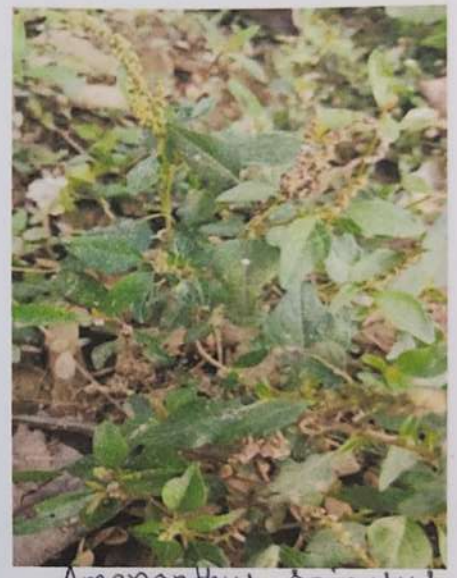
Bracelaria



Abutilon indicum



Amaranthus viridis



Amaranthus spinosus



Desmodium gangeticum



Ocimum tenuiflorum

REDMI NOTE 9 PRO

EXCURSION TO RANCHI



Long Excursion to Ranchi 8⇒

We were excited when we heard that our teachers decided to take us to Ranchi, Jharkand to take For excursion. Ranchi is the capital of the Indian State of Jharokand. Ranchi town know for its Encharting Environment, Hill, beauty & dam. Ranchi is famous for its ethnic handicrafts & metal work, all of which are Exhibited at Firayalal, one of the most poapulcor shopping destinations for tribal Souvenirs.

7th April, 2022

We started in the Eoarly morning of 7th april, 2022 towoards Ranchi station by train from Bishnupur Station, Our teachers Dr. Shyamal Kanti Mallick & Dr. Sabyasachi Chatterjee accompanied us. we reached Ranchi at 12:30 pm. We took possession of the hotel rooms we book in advanced by auto. Aftero lunch & rest for a Couple hours we went to Patratnu forest. Patratnu Valley is locaked 40 km from the City of Ranchi is a beautiful valley.

NOTE 9 PRO

The list of Plants we observed are given below :→

Sl.No	Name of the Plants	Family	Habitat
1.	Alexandrian senna	Fabaceae	trees or shrub
2.	Allamanda blanchetii	Apocynaceae	Shruby climber with milky latex Shrub.
3.	Calotropis gigantia	Apocynaceae	Shrub
4.	Duranta erecta	Verbenaceae	shrub
5.	Nerium indicum	Apocynaceae	Shrub or Small tree
6.	Tridax procumbens	Asteraceae	Prostrate to ascending herb.

Morning

8th April, 2022

The next day we went to see the famous waterfalls near Ranchi at the morning 8:00 Am. we ~~Gone~~ Saw some waterfalls are Dassam falls, Jonha falls, Hundru falls etc.

The list of the Plants we observed are given below →

Sl.No	Name of the Plants	Family	Habitat
1.	Jacaranda mimosifolia	Bignoniaceae	Tree
2.	Combretum indicum	Combretaceae	climbing Shrub
3.	Huberantha Cerasoides	Annonaceae	Tree
4.	Amaranthus viridis	Amaranthaceae	herb
5.	Amaranthus dubius	Amaranthaceae	Annual herb
6.	Cassia tora	Caesalpiniaceae	Annual foetid herb
7.	Ficus geniculata	Moraceae	Tree

REDMI NOTE 9 PRO
AI QUAD CAMERA

Sl.no	Name of the Plants	Family	Habitat
8.	Moringa oelifera	Moringaceae	Tree
9.	Madhuca longifolia	Sapotaceae	Tree
10.	Diospyros melanoxylon	Ebenaceae	Tree
11.	Diospyros montana	Ebenaceae	Small decideous tree
12.	Acacia arabica	Fabaceae	Tree
13.	Shorea robusta	Dipterocarpaceae	Tree
14.	Sida acuta	Malvaceae	Shrub
15.	Tectona grandis	verbinaceae	Tree
16.	Ziziphus mauritiana	Rhamnaceae	Tree
17.	Butea monosperma	Fabaceae,	Tree
18.	Ficus religiosa	Moraceae	Tree
19.	Mangifera indica	Anacardiaceae	Tree
20.	Ziziphus jujuba	Rhamnaceae	Small thorny tree
21.	Delonix elata	Caesalpiniaceae	Erect Tree
22.	Santalum album	Santalaceae	Tree
23.	Schleichera oleosa	Spindaceae	Tree
24.	Tabernaemontana divaricata	Apocynaceae	Shrub or Small tree
25.	Colebrookea oppositifolia	Lamiaceae	Shrub.

9th April, 2022

We return home by train.

EDMI NOTE 9 PRO
AI QUAD CAMERA





Huberantha Cerasoides

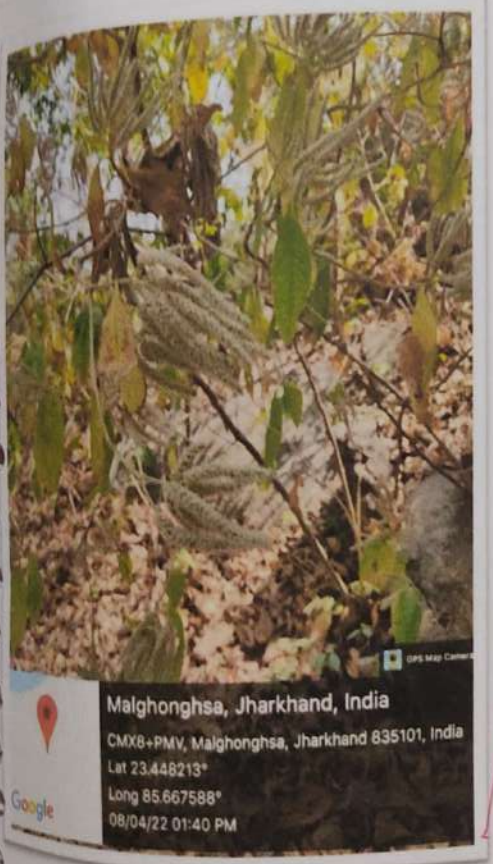


REDMI NOTE 9 PRO
AI QUAD CAMERA





Hubenantha cerasoides



Colebrookea oppositifolia



Jacaranda mimosifolia

Examined
Department of Botany
UG & PG
Samaranda College
Purulia, Purulia

Examined
14/07/2022

14/7/22

REDMI NOTE 9 PRO
AI QUAD CAMERA

Geography

Environmental perception Survey

Sl. No	Name	Roll. No	Date & Place
1	Ramesh Roy	209	24/05/2022 KATJURIDANGA, BANKURA,
2	Sainik Bauri	208	24/05/2022 KATJURIDANGA, BANKURA
3	Dipesh Saha	1171	28/04/2022-02/05/2022 Buxa Forest Region
4	Suman Dey	199	28/04/2022-02/05/2022 Buxa Forest Region
5	Souvik Manna	212	28/04/2022-02/05/2022 Buxa Forest Region
6	Rana Chakraborty	190	24/05/2022 KATJURIDANGA, BANKURA
7	Ishika Haldar	195	19/05/2022 SARENGA, BANKURA
8	Chaitali Barat	1169	28/04/2022-02/05/2022 Buxa Forest Region
9	Reeka Dutta	1170	28/04/2022-02/05/2022 Buxa Forest Region
10	Sindhiya Das	213	28/04/2022-02/05/2022 Buxa Forest Region
11	Rachana Karmakar	1168	28/04/2022-02/05/2022 Buxa Forest Region
12	Soumi Kesh	207	28/04/2022-02/05/2022 Buxa Forest Region
13	Abhinandan Banerjee	186	28/04/2022-02/05/2022 Buxa Forest Region
14	Riya De	193	28/04/2022-02/05/2022 Buxa Forest Region
15	Pallabi Middya	194	28/04/2022-02/05/2022 Buxa Forest Region
16	Chandrika Betal	192	28/04/2022-02/05/2022 Buxa Forest Region
17	Mahamud Hassan Mandal	206	28/04/2022-02/05/2022 Buxa Forest Region
18	Ambika Lohar	185	28/04/2022-02/05/2022 Buxa Forest Region
19	Neha Nag	198	28/04/2022-02/05/2022 Buxa Forest Region

DEPARTMENT OF GEOGRAPHY
ESTD. - 1945
P.O.- Bishnupur
Dt.- Bankura
RAMANANDA COLLEGE

2/05/22
Head
Department of Geography
Ramananda College
Bishnupur, Bankura

FIELD SURVEY

Students List of Buxa Forest Region - 28.04.2022 to 02.05.2022

Sl. No.	Name	Roll. no.	Date and Place
1	BRISTI ROY	162	28/04/2022-02/05/2022 Buxa Forest Region
2	ANJAN KUNDU	163	
3	MOSIUR SHEIKH	164	
4	PRIYANKA KHATUN	165	
5	PURNIMA RAY	166	
6	MANISHA HEMBRAM	169	
7	SANU PRATIHAR	170	
8	SWARUP ROY	171	
9	SUDIP GHOSH	173	
10	SUMANTA TUDU	174	
11	SUBHAJIT CHOUDHURY	175	
12	JICO AICH	177	
13	ANKITA KUNDU	178	
14	SUBRATA KARMAKAR	179	
15	SAHANAJ PARVIN MALLICK	180	
16	SUBHADIP BARI	182	
17	SOUMITRA MANDAL	1011	
18	RUPAK ADHIKARI	249	

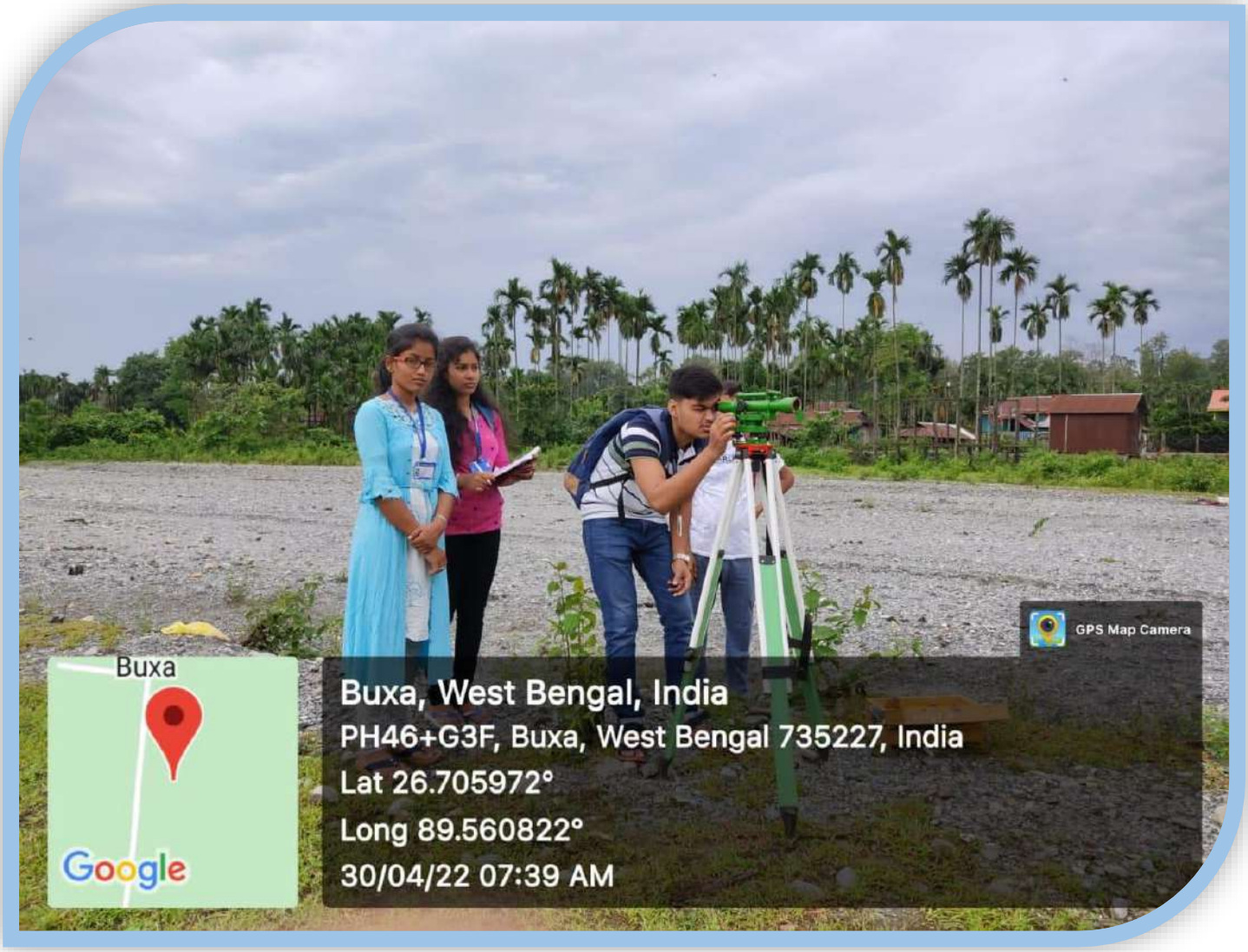
DEPARTMENT OF GEOGRAPHY
ESTD. - 1945
P.O.- Bishnupur
Dt.- Bankura
RAMANANDA COLLEGE

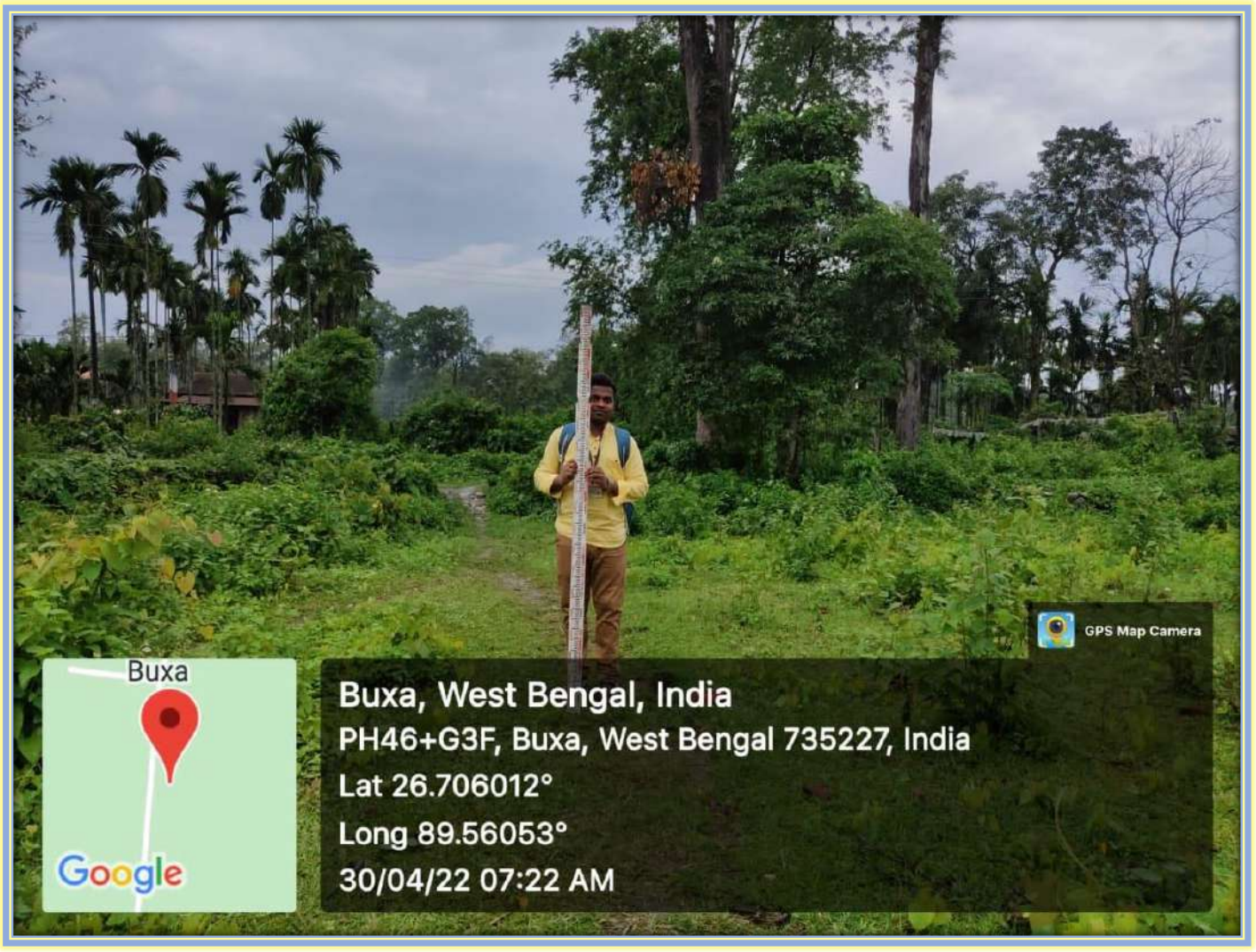
2/5/22
Head
Department of Geography
Ramananda College
Bishnupur, Bankura

FIELD SURVEY
Buxa Forest Region - 28.04.2022 to 02.05.2022





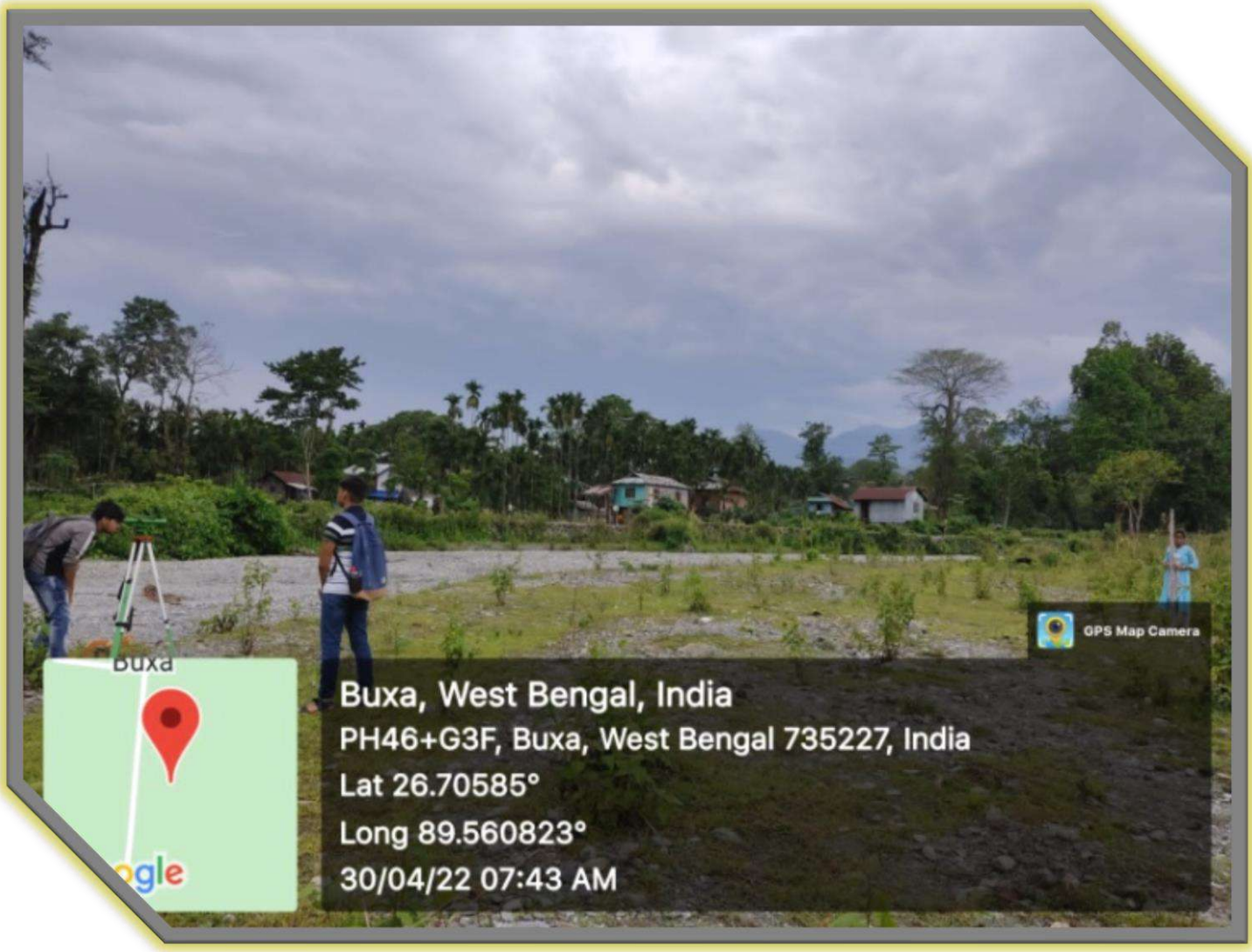

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Google


GPS Map Camera
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FIELD SURVEY

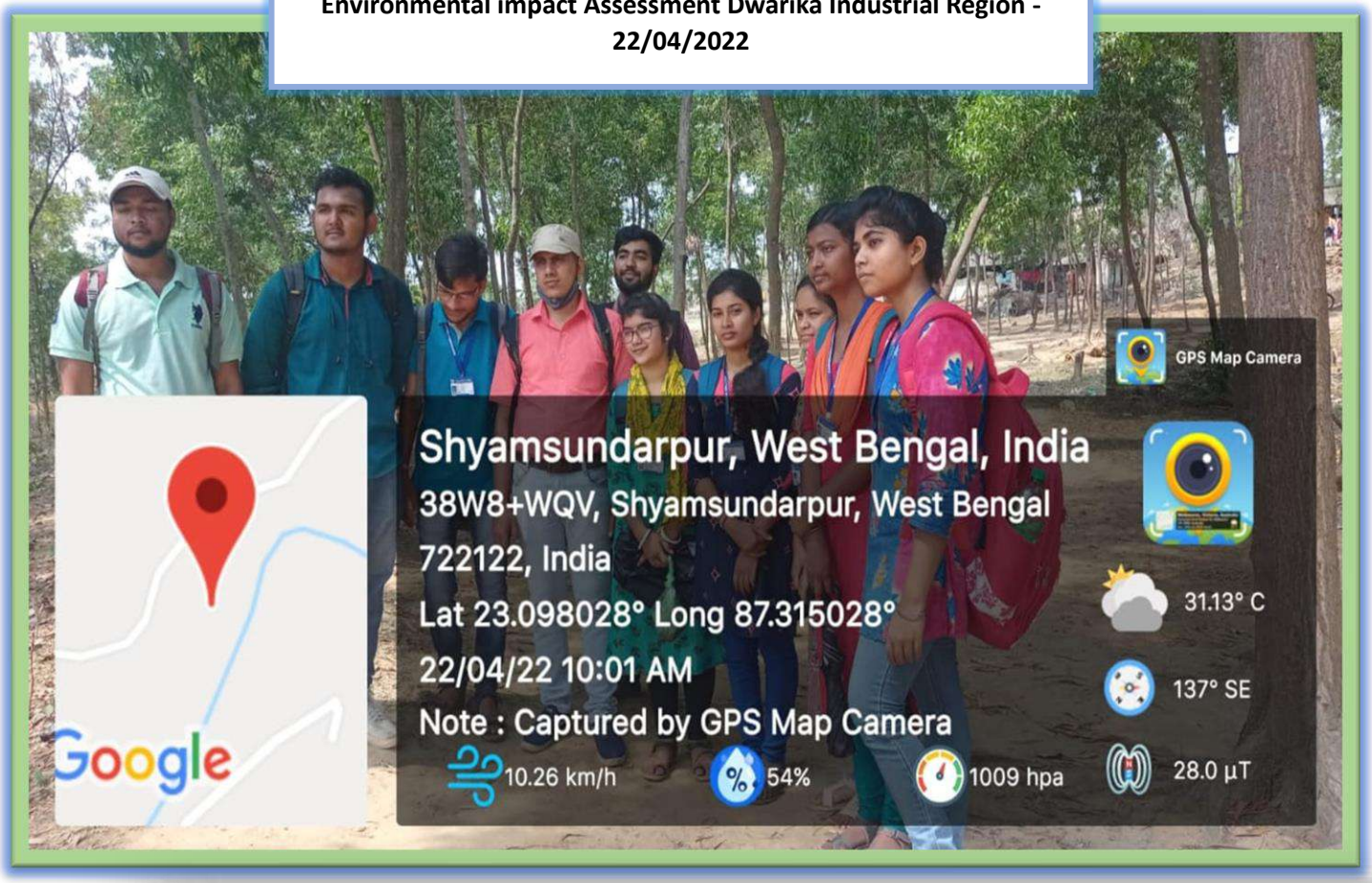
Environmental impact Assessment Dwarika Industrial Region -22/04/2022

Sl. No	Name	Roll. No	
1	Ramesh Roy	209	
2	Sainik Bauri	208	
3	Dipesh Saha	1171	
4	Suman Dey	199	
5	Souvik Manna	212	
6	Rana Chakraborty	190	
7	Ishika Haldar	195	
8	Chaitali Barat	1169	
9	Reeka Dutta	1170	
10	Sindhiya Das	213	
11	Rachana Karmakar	1168	22/04/2022
12	Soumi Kesh	207	DWARIKA,BANKURA
13	Abhinandan Banerjee	186	
14	Riya De	193	
15	Pallabi Middya	194	
16	Chandrika Betal	192	
17	Mahamud Hassan Mandal	206	
18	Ambika Lohar	185	
19	Neha Nag	198	

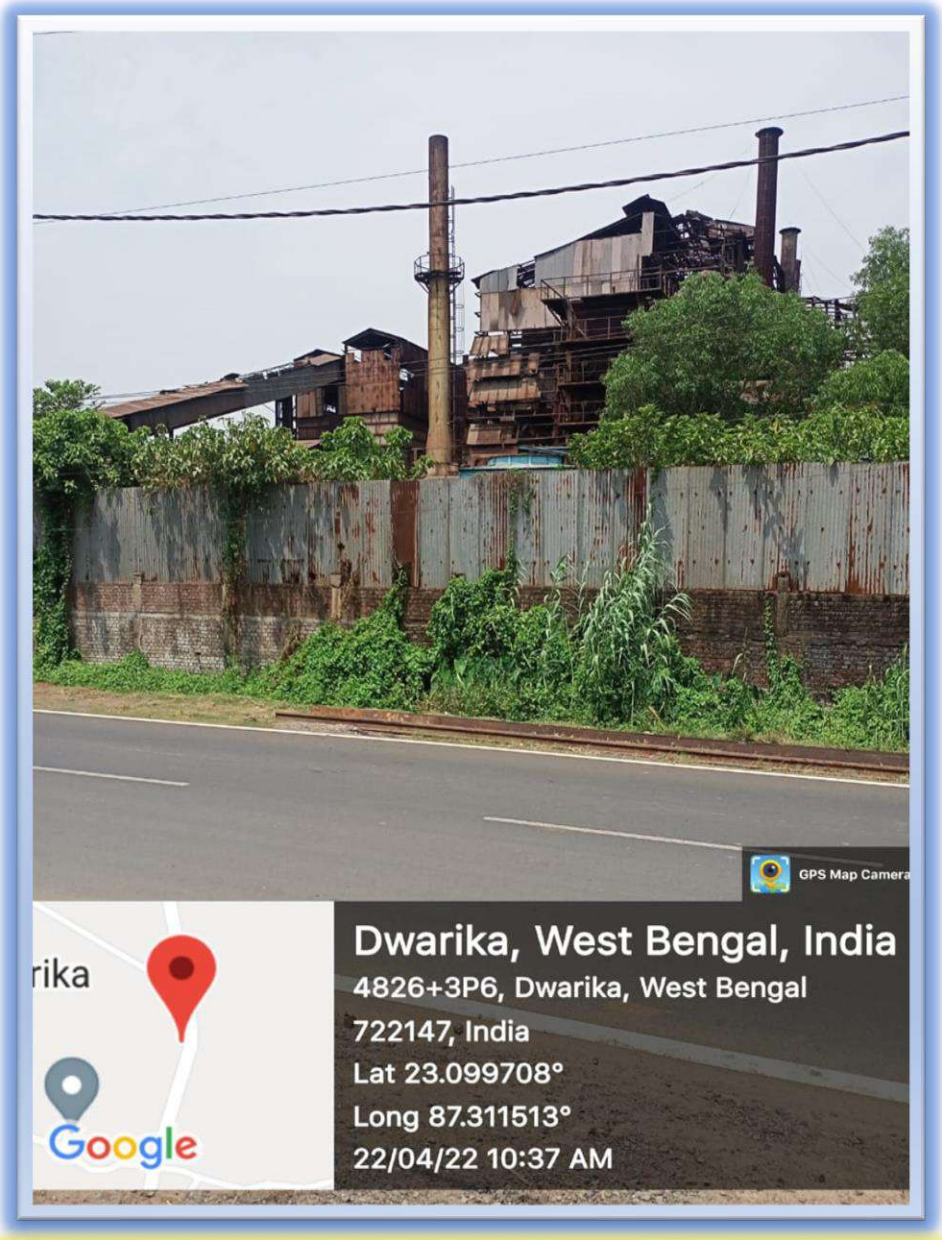
DEPARTMENT OF GEOGRAPHY
ESTD. - 1945
P.O.- Bishnupur
Dt.- Bankura
RAMANANDA COLLEGE

Subhash 22/04/2022
Head
Department of Geography
Ramananda College
Bishnupur, Bankura

Environmental impact Assessment Dwarika Industrial Region - 22/04/2022






GPS Map Camera
rika
Google
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Long 87.311513°
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GPS Map Camera
on
Google
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Google


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Long 87.311178°
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Google

Visiting Faculty

RAMANANDA COLLEGE

BISHNUPUR * BANKURA
Pin – 722122, West Bengal
UGC Recognized & State Government Aided Constituent
`Under the Bankura University
(Accredited by NAAC at 'B++' Level)

Mobile No.: +916297976619
e-mail.: principal@ramanandacollege.org
Website: www.ramanandacollege.org

Ref. No -

Date – 14.11.2022

Dr. Somdatta Bhattacharya
Assistant Professor of English
Department of Humanities and Social Sciences, IIT Kharagpur
Ardeshir Dalal Avenue, IIT Kharagpur
Kharagpur, West Bengal
PIN: 721302

RE: Invitation to Deliver Special Lecture at Ramananda College, Bishnupur (Bankura) on Friday, 25 November 2022

Dear Dr. Bhattacharya,

I would like to invite you to deliver a special lecture to the students and alumni of the Department of English, Ramananda College, Bishnupur (Bankura). The lecture is expected to take place on Friday, 25 November 2022. I look forward to hearing you speak at our college.

Thanking you,

14/11/2022

(Dr. Swapna Ghorai)

Principal
Ramananda College
Bishnupur (Bankura)
PIN – 722122

RAMANANDA COLLEGE ESTD.-1945 (BANKURA) BISHNUPUR

www.ramanandacollege.org

Principal
Ramananda College
Bishnupur, Bankura

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Pin – 722122, West Bengal

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Under the Bankura University

(Accredited by NAAC at 'B++' Level)

Mobile No.: +916297976619
e-mail.: principal@ramanandacollege.org
Website: www.ramanandacollege.org

Ref. No -

Date – 30.11.2022

Dr. Somdatta Bhattacharya
Assistant Professor of English
Department of Humanities and Social Sciences
Indian Institute of Technology, Kharagpur
Ardeshir Dalal Avenue, IIT Kharagpur
Kharagpur, West Bengal
PIN: 721302

LETTER OF ACKNOWLEDGEMENT

Dear Dr. Bhattacharya,

I would like to thank you for delivering a special lecture with the title, "An Unsuitable Job for a Woman? An Overview of Women's Detective Fiction/Female Investigators", to the students and alumni of the Department of English, Ramananda College, Bishnupur (Bankura), on Thursday, 22 September 2022. Your talk was greatly appreciated by everyone present. I look forward to your continued association with our college.

Thanking you,

30/11/2022
(Dr. Swapna Ghorai)

Principal
Ramananda College
Bishnupur (Bankura)
PIN – 722122

www.ramanandacollege.org

Principal
Ramananda College
Bishnupur, Bankura

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Mobile No.: +916297976619
e-mail.: principal@ramanandacollege.org
Website: www.ramanandacollege.org

Ref. No - 168/B/2022.

Date – 09.09.2022

Prof. Ayan Mondal
Assistant Professor
Department of English
Bankura Christian College
College Road, Bankura (Bankura)
PIN: 722101

RE: Invitation to Deliver Special Lecture at Ramananda College, Bishnupur (Bankura) on Thursday, 22 September 2022

Dear Prof. Mondal,

I would like to invite you to deliver a special lecture to the students and alumni of the Department of English, Ramananda College, Bishnupur (Bankura). The lecture is expected to take place on Thursday, 22 September 2022. I look forward to hearing you speak at our college.

Thanking you,

9/9/2022

(Dr. Swapna Ghorai)

Principal
Ramananda College
Bishnupur (Bankura)
PIN – 722122

www.ramanandacollege.org

Principal
Ramananda College,
Bishnupur, Bankura

RAMANANDA COLLEGE ESTD.-1945 (BANKURA) BISHNUPUR

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Pin – 722122, West Bengal
UGC Recognized & State Government Aided Constituent
Under the Bankura University
(Accredited by NAAC at 'B++' Level)

Mobile No.: +916297976619
E-Mail.: principal@ramanandacollege.org
Website: www.ramanandacollege.org

Ref. No -

Date – 30.11.2022

Dr. Ayan Mondal
Assistant Professor
Department of English
Bankura Christian College
College Road, Bankura (Bankura)
PIN: 722101

LETTER OF ACKNOWLEDGEMENT

Dear Dr. Mondal,

I would like to thank you for delivering a special lecture with the title, "Recontextualizing the 'American Dream': The Foundational Myths of America", to the students and alumni of the Department of English, Ramananda College, Bishnupur (Bankura), on Thursday, 22 September 2022. Your talk was greatly appreciated by everyone present. I look forward to your continued association with our college.

Thanking you,

30/11/2022
(Dr. Swapna Ghorai)

Principal
Ramananda College
Bishnupur (Bankura)
PIN – 722122

www.ramanandacollege.org

Principal
Ramananda College
Bishnupur, Bankura

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(Accredited by NAAC at 'B++' Level)

Mobile No.: +916297976619
E-Mail.: principal@ramanandacollege.org
Website: www.ramanandacollege.org

Ref. No -

Date – 30.11.2022

Dr. Sandip Ain
Professor
Department of English
Bankura University
Main Campus, Bankura University
P.O.: Purandarpur, Dist.: Bankura
PIN: 722155

LETTER OF ACKNOWLEDGEMENT

Dear Professor Ain,

I would like to thank you for delivering a special lecture with the title, "Literary Theory and Antonio Gramsci's Notion of the Formation of Intellectuals", to the students and alumni of the Department of English, Ramananda College, Bishnupur (Bankura), on Thursday, 22 September 2022. Your talk was greatly appreciated by everyone present. I look forward to your continued association with our college.

Thanking you,

30/11/2022

(Dr. Swapna Ghorai)

Principal
Ramananda College
Bishnupur (Bankura)
PIN – 722122

www.ramanandacollege.org

Principal
Ramananda College
Bishnupur, Bankura



RAMANANDA COLLEGE

BISHNUPUR * BANKURA

Pin – 722122, West Bengal

UGC Recognized & State Government Aided Institution

Affiliated to Bankura University

(Accredited by NAAC at B++level)

Tel: (03244)252
Tele Fax: (03244) 254
Mobile:9434509
Email: principal@ramanandacollege
Website: www.ramanandacollege

Date:09-11-2022

To,

Dr. Pradip Kumar Ghosh

Retired Associate Professor

Vivekananda College

Vivekananda College

Burdwan

Respected Sir,

I am glad to intive you to take ~~10~~ 15 classes in Pteridophytes and Gymnosperms for the PG Semester 1st students of the Department of Botany of Ramananda College from 15/11/2022. It will be highly appreciated if you kindly accept the offer letter for the benefit of our students.

Thanking you

Yours sincerely

9/11/22

Dr.Swapna Ghorai

Principal

Ramananda college

Principal
Ramananda College
Bishnupur, Bankura

Received
Pradip Kumar Ghosh
9.11.22

RAMANANDA COLLEGE • BISHNUPUR • ESTD 1945 (BANKURA)



RAMANANDA COLLEGE

BISHNUPUR * BANKURA
Pin – 722122, West Bengal
UGC Recognized & State Government Aided Institution
Affiliated to Bankura University
(Accredited by NAAC at B++level)

Tel: (03244)252059
Tele Fax: (03244) 254427
Mobile: 9434509415
Email: principal@ramanandacollege.org
Website: www.ramanandacollege.org

Date: 26-08-2022

To,
Dr. Samit Dutta Roy
Associate Professor (Retired) of Botany
Garhbeta College, Garhbeta
Midnapore

Respected Sir,

I cordially invite you to take 12 classes in Bioinstrumentation (Course no. 303C) for the PG 3rd Semester students of the Department of Botany of Ramananda College. It will be highly appreciated if you kindly accept the offer letter for the benefit of our students. The dates will be fixed after receiving your consent.

Thanking you

Received 27.8.2022

Yours sincerely

26/8/2022

(Dr. Swapna Ghorai)
Principal, Ramananda College

RAMANANDA COLLEGE * ESTD 1945 (BANKURA)

Principal
Ramananda College
Bishnupur, Bankura

RAMANANDA COLLEGE

BISHNUPUR * BANKURA
Pin – 722122, West Bengal
UGC Recognized & State Government Aided Institution
Affiliated to Bankura University
(Accredited by NAAC at B++level)

Tel: (03244)252
Tele Fax: (03244) 254
Mobile:9434509
Email: principal@ramanandacollege
Website: www.ramanandacollege

Date:09-11-2022

To,
Dr. Samit Dutta Roy
Retired Associate Professor
Garbetha College
Midnapore

Respected Sir,

I am glad to intive you to take 15 classes in Phycology for the PG Semester 1st students of the Department of Botany of Ramananda College from 14/11/22. It will be highly appreciated if you kindly accept the offer letter for the benefit of our students.

Thanking you

Yours sincerely

Dr.Swapna Ghorai
Principal
Ramananda college

Principal
Ramananda College
Bishnupur, Bankura

Received.
14.11.2022

ENVIRONMENTAL AUDIT

GREEN & ENVIRONMENTAL AUDIT REPORT

2021-2022

RAMANANDA COLLEGE

BISHNUPUR, BANKURA, WEST BENGAL

722122

GREEN & ENVIRONMENTAL AUDIT REPORT

Academic Session 2021-22



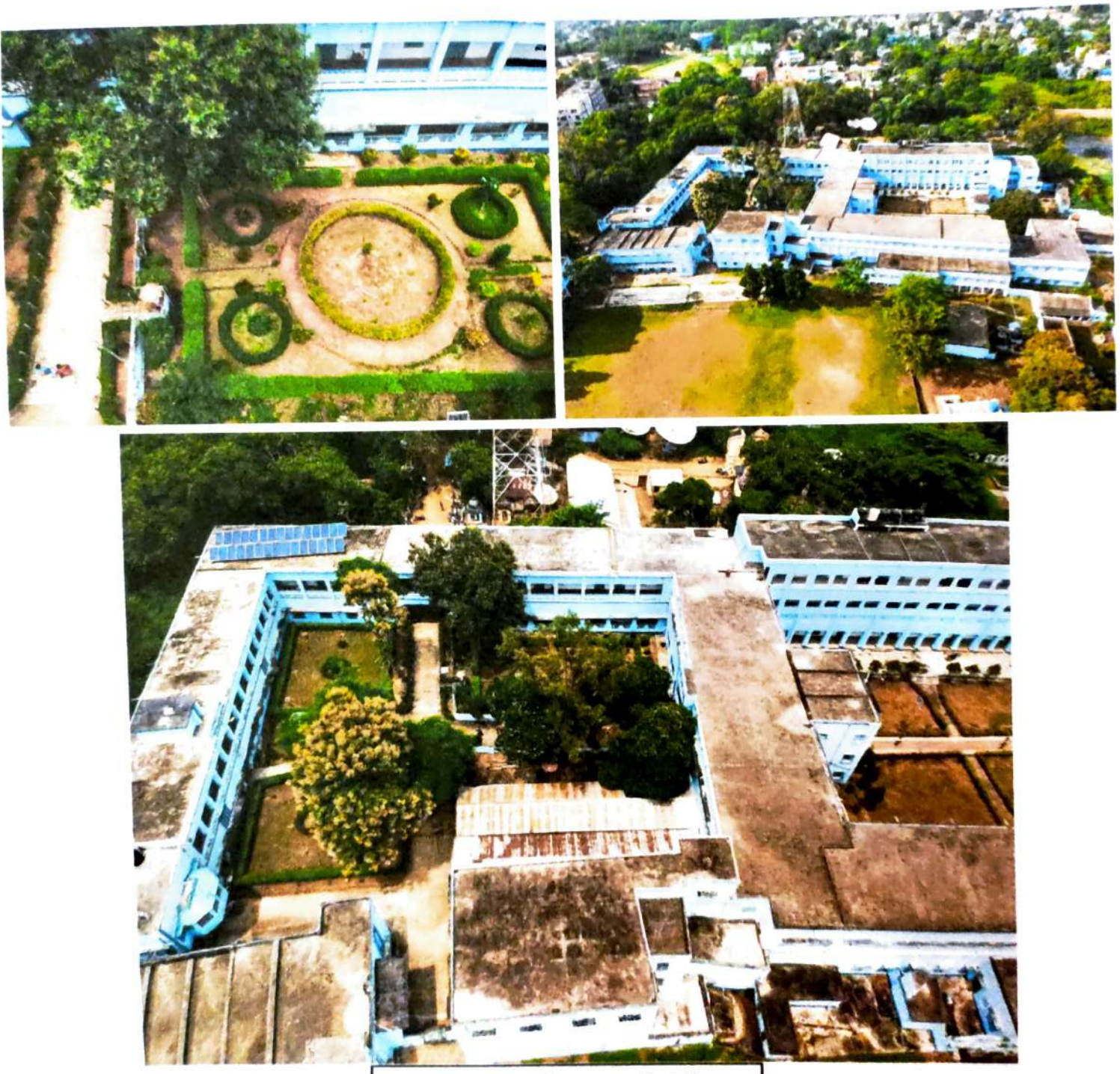
About College: *Ramananda College is a pioneering higher-educational institution located at Bishnupur, within the district of Bankura. It is the sole co-educational Degree College with PG courses recognized by the UGC within Bishnupur town. Since its inception in 1945, this institution has been serving the cause of higher education in the local community and also of students from far-away, remote villages. Even today students from other districts are studying here.*

Sri Ramnalini Chakraborty, freedom-fighter and social worker of Bishnupur, Sri Radhagobinda Roy, founder-principal of this college and ex-minister, Govt. of West Bengal and other eminent community members of Bishnupur decided to establish this college here. Sri Ramnalini Chakraborty, the Koley family, Sri Anil Kumar Bhattacharya, members of the Friends' Union Club and the community maximally funded the costs for building this college. The college is named after the son of the soil, Sri Ramananda Chattopadhyay (1865-1943), journalist, editor and scholar who was active during the Bengal Renaissance.

Initially the college was affiliated to the University of Calcutta, and later to the University of Burdwan and now under the affiliation of the Bankura University since 1st January, 2017. The college is recognized by the UGC under Sections 2F and 12B. As the college was established before Independence, it predates both the creations of the UGC and

the University of Burdwan. In 2015, the National Assessment and Accreditation Council (NAAC) re-accredited (2nd cycle) the College with 2.75 score. Further, with the introduction of different Post Graduate Courses in Science and Humanities, the college has become a constituent college of the Bankura University. Now the college is complaint with the visions of RUSA.

Campus Area:



Campus Area of Ramananda College

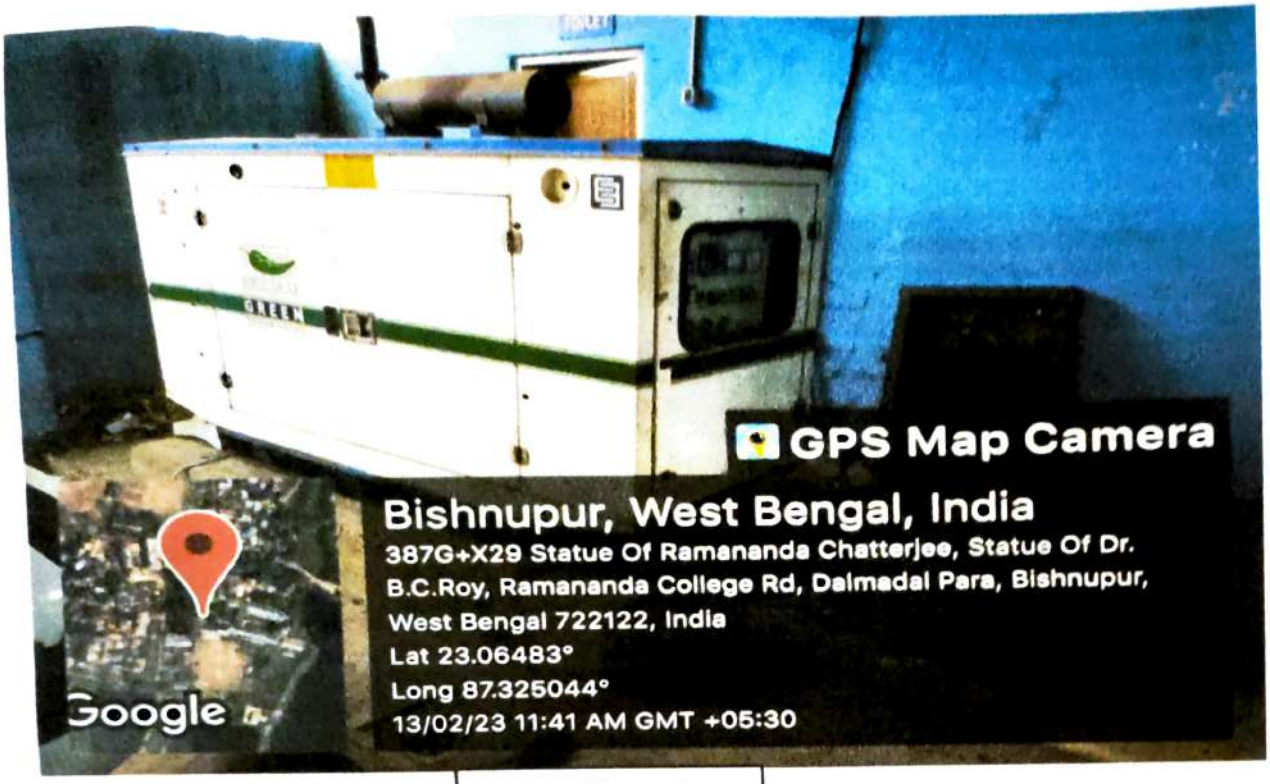
To maintain eco-friendly ambience 12 point programmed is followed within college campus:

- Green building for quality living. - **No**
- Know green and think green is promoted on the campus. - **Yes**
- Water conservation and prevention of water wastage. - **Yes**
- Use CFL/LED bulbs instead florescent bulbs. - **Yes**
- New solar panel is set up on the roof top of administrative building. - **Yes**
- 20 KVA & 10 KVA generators are used to save diesel. – **Yes (20 KVA)**
- Usage of recycled paper bags was promoted among students . - **Yes**
- Reduce – reuse – recycle methods are followed - **No**
- Biodegradable wastes are used in vermicomposting unit. - **yes**
- Carbon dioxide neutrality is maintained on the campus by developing greenery. - **Yes**
- Turning off monitors after the work. - **Yes**
- Global warming, bio-diversity and pollution incorporated in the curriculum. - **Yes**

The initiatives taken by the college to make the campus ecofriendly

1. Energy conservation:

As per the Energy Conservation Act, 2001, Energy Audit is defined as "the verification, monitoring and analysis of use of energy including submission of technical report containing recommendations for improving energy efficiency with cost benefit analysis and an action plan to reduce energy consumption". Energy use is clearly an important aspect of campus sustainability and thus requires no explanation for its inclusion in the assessment. An old incandescent bulb uses approximately 60W to 100W while an energy efficient light emitting diode (LED) uses only less than 10 W. Energy auditing deals with the conservation and methods to reduce its consumption related to environmental degradation. It is therefore essential that any environmentally responsible institution examine its energy use.



Green Generator

a. Types of Energy Uses

Types of energy	Uses (%)
Electricity	84.60
LPG Gas	6.5
Solar	4.80
Diesel	2.6
Others	1.5



Solar Panel

b. Sources of Energy uses in College Campus

The College uses conventional energy sources mostly. The renewable solar energy source is found to installed to reduce load on the non- conventional sources. The maximum energy consumption is from the electricity consumption, and the tubes, fans, computer and the CCTV are the main sources of consumption. Lack of LEDs results in higher energy consumption. The maximum energy usage occurs in classrooms and offices.



CCTV

Solar Energy

c. Energy Consumption in Different Sectors in Percentage

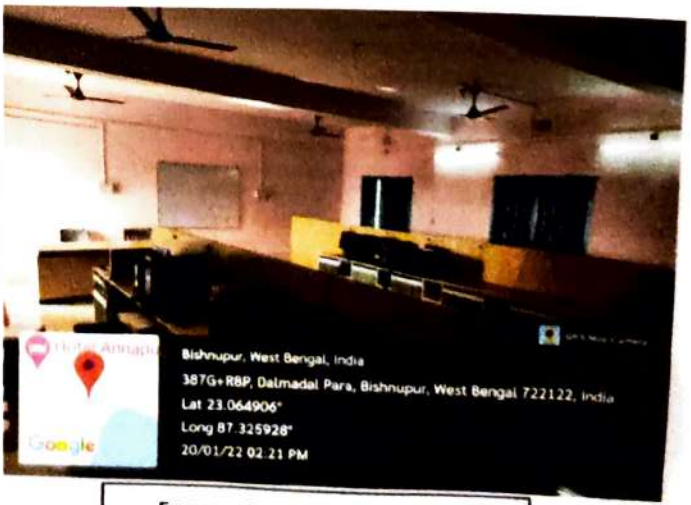
Energy Consumption in Different Sectors	Consumption in Percentage
Science Block	20
Humanistic Block	12
Administrative Building	22
Computer Lab	14.3
Library	7
Gym and Seminar Hall	3
Hostel and Quarters	13.7
Gest House and Canteen	3
Pump and Water Lifting	2.5
Others	2.5

d. Energy Consumption in Different Purposes

Energy Consumption in Different Purposes	Consumption in Percentage
Light and Fans	48
AC	7
Computer and Lab	30.5
Pump	4.5
Others	10



Energy Consumption for the purpose of AC Connection



Energy Consumption for the purpose of Computer Lab

2. Use of renewable energy:

The College manly uses conventional energy sources. Apart from that the renewable solar energy source is found to installed to reduce load on the non- conventional sources.

3. Rain water harvesting:

At present the rain water harvesting is too much essential for the preservation of ground water which is still extracting continuously. Ramananda College practices rain water harvesting in two ways basically-Roof top harvesting and Surface run-off harvesting which contributes a lot for the preservation of ground water storage, sustainable development by water conservation and well-balanced in physical environment. At college, the Roof top harvesting particularly practices near eastern side of college playground where roof top harvest connection is drained in an artificial well. It is utilised for various purposes such as sprinkle irrigation in flower gardens and dropped point irrigation in flower trees and others located within campus and also maintain a hygienic environment at college campus.



Rain Water Harvesting

4. Plantation:

The College campus has a vegetational coverage comprising herbs, shrubs and trees. This vegetational coverage regulates the health of the ecosystem of the College. Plantation programmes have been taken up by the NSS unit and the Eco club of the College for increasing the green coverage in the campus. Awareness among the students and this staff on energy conservation is created by different seminars organized by different departments of the College concentrating on Environmental issues. Switching off all the electrical activities when our college campus is not in use and also solar light is placed in our college campus to save the environmental health.



Tree Plantation Programme

a. Different types of plants found in college campus:

1. Introduction of Plants in college campus

There is a great plant diversity in the College campus. About 41 important plant species are present here. The important resource of our college campus is a medicinal garden which comprises so many medicinally important plants some of which are endangered also. Most tree species are economically important.

2. Herbs, Shrubs, Tree

The list of the names of Herbs, Shrubs, Trees is mentioned bellow

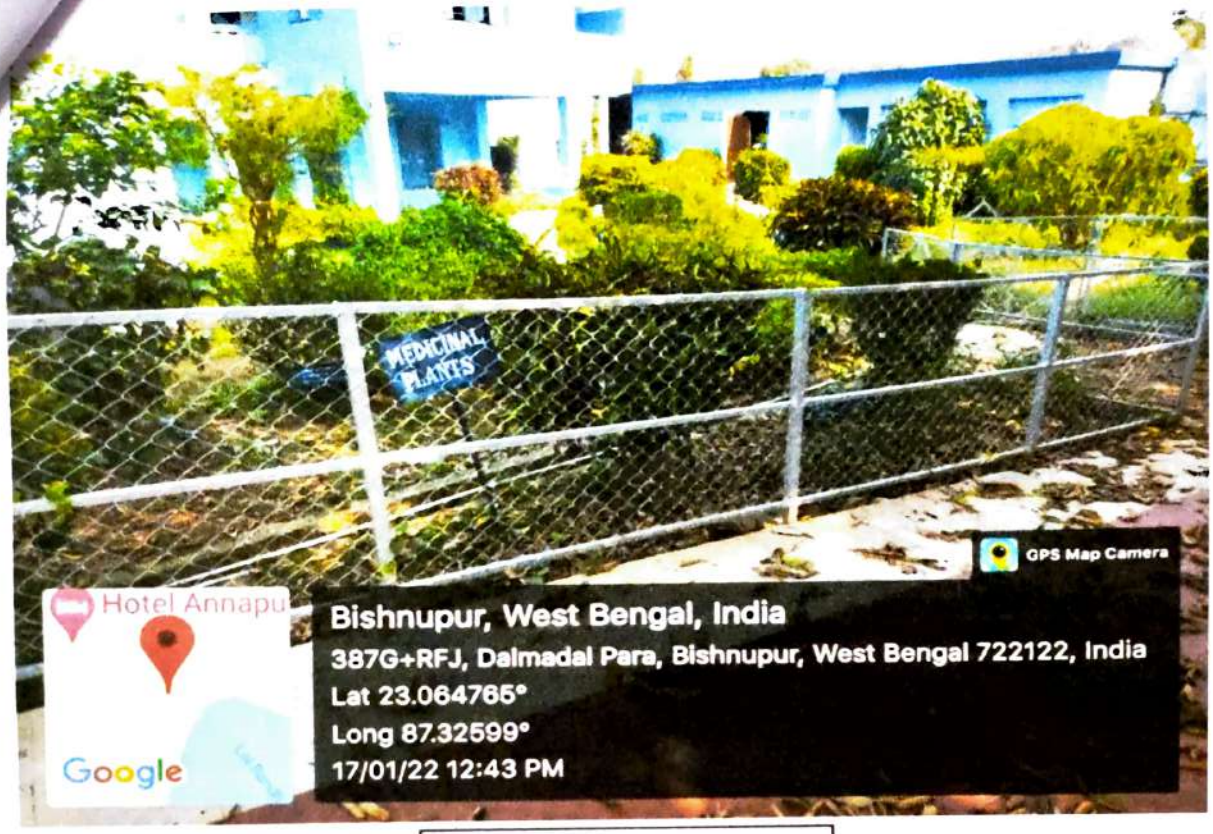
1. Scientific Name: Rhinacanthus nasutas (L.) Kurtz
   Family: Acanthaceae
   Common Name: Julpana, Palak jui
2. Scientific Name: Dixa orellana Linn.
   Family: Bixaceae
   Common Name: Sindure, Latkan
3. Scientific Name: Ecbolium viride (Forks.) Merrill.
   Family: Acanthaceae
   Common Name: Neel Kantha, Udujati.
4. Scientific Name: Aloe barbadensis Mill.
   Family: Liliaceae
   Common Name: Ghritakumari
5. Scientific Name: Barleria prionitis Linn.
   Family: Acanthaceae
   Common Name: Peetjhanti
6. Scientific Name: Barleria lupulina Lindl.
   Family: Acanthaceae
   Common Name: Kanta bishalyakarani
7. Scientific Name: Bauhinia purpurea Linn.
   Family: Caesalpiniaceae
   Common Name: Raktakanchan
8. Scientific Name: Celosia argentea Lf.
   Family: amaranthaceae
   Common Name: Morag phool
9. Scientific Name: Centella asiatica (Linn.) Urban.
   Family: Umbelliferae[Apiaceae)
   Common Name: Thankuni
10. Scientific Name: Costus speciosus Koen.ex Retz. Smith
    Family: Costaceae
    Common Name: Kemuk
11. Scientific Name: Dotura metel Linn.
    Family: Solanaceae

Common Name: Dhutra

12. Scientific Name: Gymnema sylvestre (Retz.) R.Br. ex Schult.
    Family: Asclepiadaceae
    Common Name: Gurmar
13. Scientific Name: Jatropha gossypifolia Linn.
    Family: Euphorbiaceae
    Common Name: Lal veranda
14. Scientific Name: Lawsonia inermis Linn.
    Family: Lythraceae
    Common Name: Mehedi, Mehendi, Hena
15. Scientific Name: Boerhaavia diffusa Linn.
    Family: Nyctaginaceae
    Common Name: Punarnova
16. Scientific Name: Blumea lacera (Burm.f.JDC.
    Family: Compositae Asteraceae)
    Common Name: Kukurshoka
17. Scientific Name: Bryophyllum pinnatum (Lam.) Kurtz
    Family: Crassulaceae.
    Common Name: Patharkuchi
18. Scientific Name: Colotropis gigantean (Linn.) R.Br.ex Ait.
    Family: Asclepiadaceae
    Common Name: Akanda
19. Scientific Name: Cassia occidentalis Linn.
    Family: Caesalpiniaceae
    Common Name: Kalkasunda
20. Scientific Name: Catharanthus roseus (Linn.) G.Don.
    Family: Apocynaceae
    Common Name: Nayantara
21. Scientific Name: Cayratia trifolia (L.) Domin.
    Family: Vitaceae
    Common Name: Amal lata
22. Scientific Name: Mimosa pudica Linn.
    Family: Mimosaceae
    Common Name: Lajjabati
23. Scientific Name: Hemidesmus indicus R.Br.
    Family: Asclepiadaceae
    Common Name: anantamul
24. Scientific Name: Ocimum tenuiflorum Linn.
    Family: Labiatae (Lamiaceae)
    Common Name: Krishna tulsi
25. Scientific Name: Ocimum santum Linn.
    Family: Labiatae (Lamiaceae)
    Common Name: Radha tulsi
26. Scientific Name: Ocimum viride (L.) Willd.
    Family: Labiatae(Lamiaceae)
    Common Name: Ramtulsi
27. Scientific Name: Rauvolfia tetraphylla Linn.
    Family: apocynaceae
    Common Name: Gandhanauli Sarpagandha
28. Scientific Name: Ricinus communis Linn.

Family: Euphorbiaceae
Common Name: Rerhi, Eranda

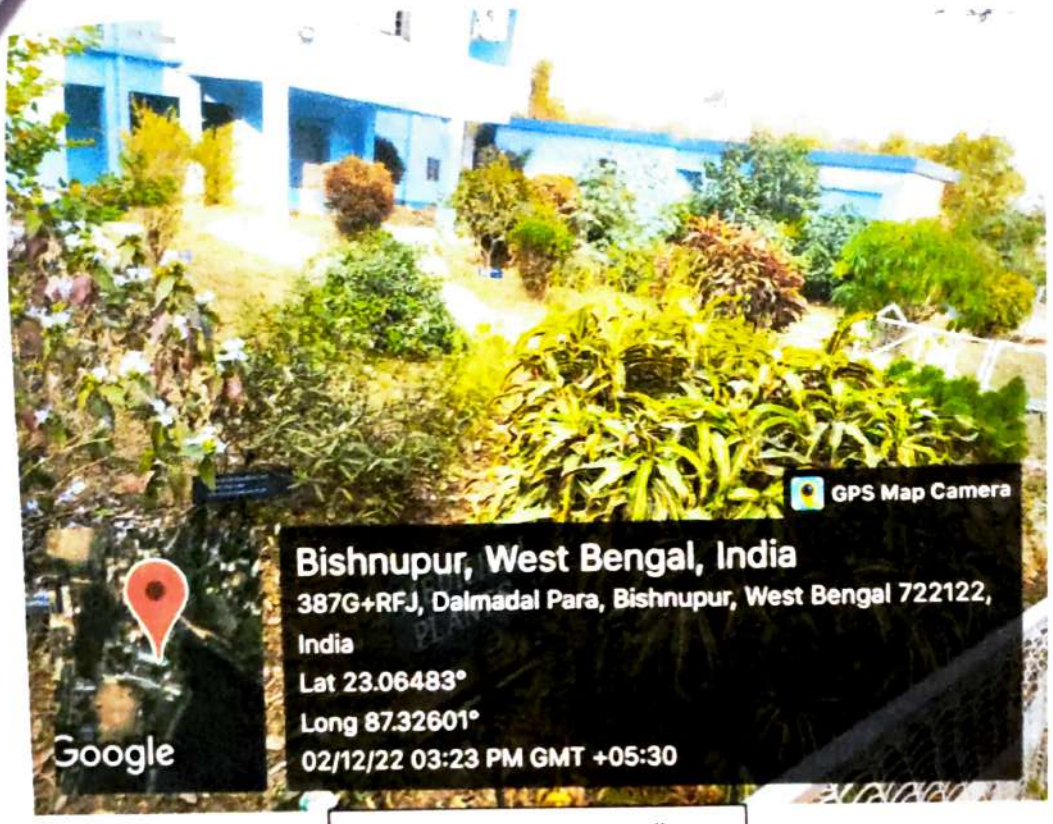
29. Scientific Name: Tectona grandis Linn.f.
Family: Verbenaceae
Common Name: Segun
30. Scientific Name: Plumeria acuminate Ait.
Family: Apocynaceae
Common Name: Dalanphool, Katgulancha, Garurchampa
31. Scientific Name: Schleichera oleosa (Lour.) Oken.
Family: Sapindaceae
Common Name: Kusum
32. Scientific Name: Bridella retusa Spreng
Family: Euphorbiaceae
Common Name: Bhuas
33. Scientific Name: Artocarpus heterophyllus Lamk.
Family: Moraceae
Common Name: Kanthal
34. Scientific Name: Polyalthia longifolia Benth & Hook.f.
Family: Annonaceae
Common Name: Debdaru
35. Scientific Name: Peltaphorum pterocarpum Baker.
Family: Caesalpiniaceae
Common Name: Radhachura
36. Scientific Name: Caesalpinia pulcherrimo(L.)Swartz.
Family. Caesalpiniaceae
Common Name: Krishnachura
37. Scientific Name: Anthocephalus cadamba (Roxb.) Mig.
Family: Rubiaceae
Common Name: kadam
38. Scientific Name: Plumeria pudica Jacq.
Family: Apocynaceae
Common Name: Naag champa
39. Scientific Name: Draccoena marginataHort.
Family: Asparagaceae
Common Name: Dragon tree\
40. Scientific Name: Casuarina equisetifolia
Family: Casuarinaceae
Common Name: Jhau
41. Scientific Name: Dalbergia sisso
Family: Fabaceae
Common Name: Sisu
42. Scientific Name: Azadirachta indica
Family: Meliaceae
Common Name: Neem
43. Scientific Name: Gmelina arborea
Family: Verbenaceae
Common Name: Gamar



Medicinal Plants

3. Use and Medicinal value of various Herbs

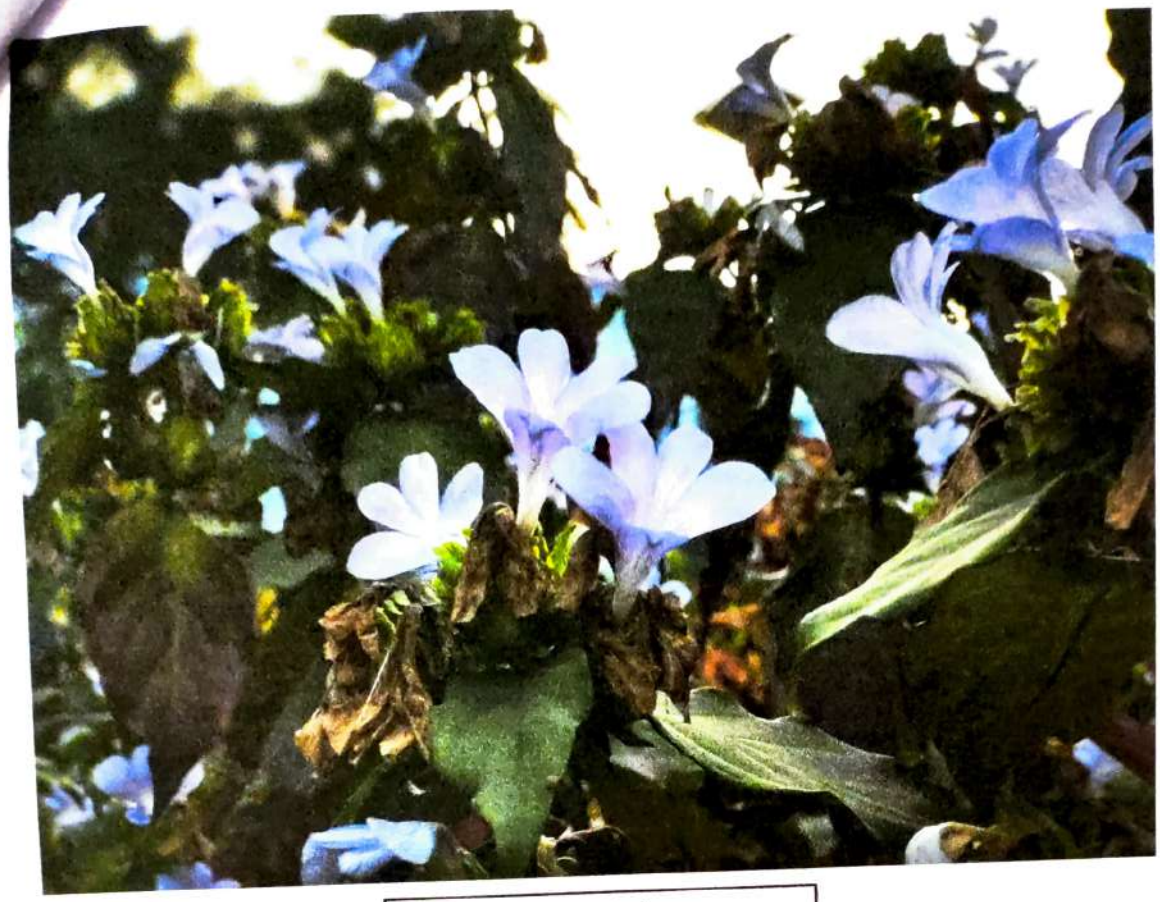
Sl	Herbs	Use and Medicinal Values
1	*Acalypha indica* Linn.	Whole plant used as diuretic and use to treat gastro intestinal irritant
2	*Bryophyllum pinnatum* (Lam.) Kurx	Used to treat diabetes, cold and caugh
3	*Cyperus Kyllinga*, Endl.	Used as an antidote to snake bite
4	*Ecbolium viride* Merrill	Used to treat dysuria and gout
5	*Eclipta prostrata* Linn.	Used to jaundice, fever, to promote hair growth



Medicinal Plants in the College Campus

4. Use and medicinal value of various Shrubs and Undershrubs

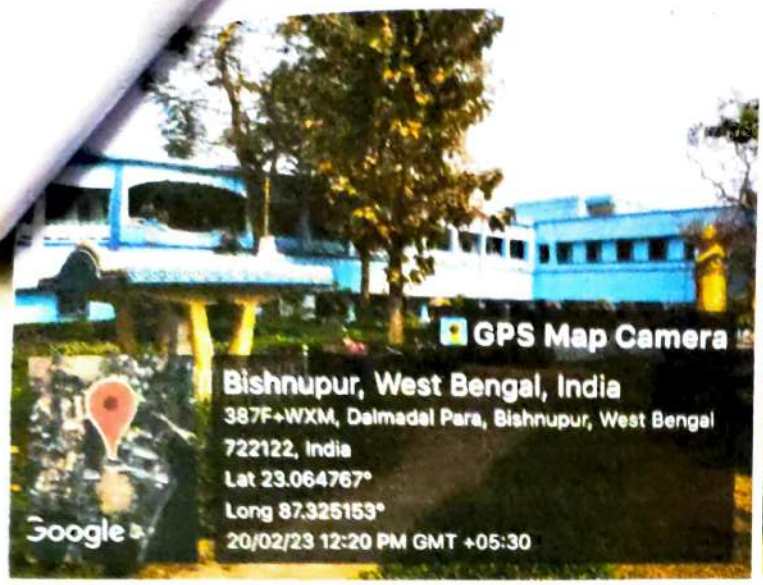
Sl	Shrubs	Use and Medicinal Values
1	*Barleria prionities* Linn.	Used to cure dropsy
2	*Abutilon indicum* Sw.	Roots used in fever, leprosy and heart deaseses
3	*Asparagus racemosus* Willd.	Used in blood dysentery, bloody urine and epilepsy
4	*Aloe barbadensis* Mill.	Used in constipation, piles and eczima
5	*Lawsonia inermis* Linn.	Used to treat headache, sore throat, barning of the feet

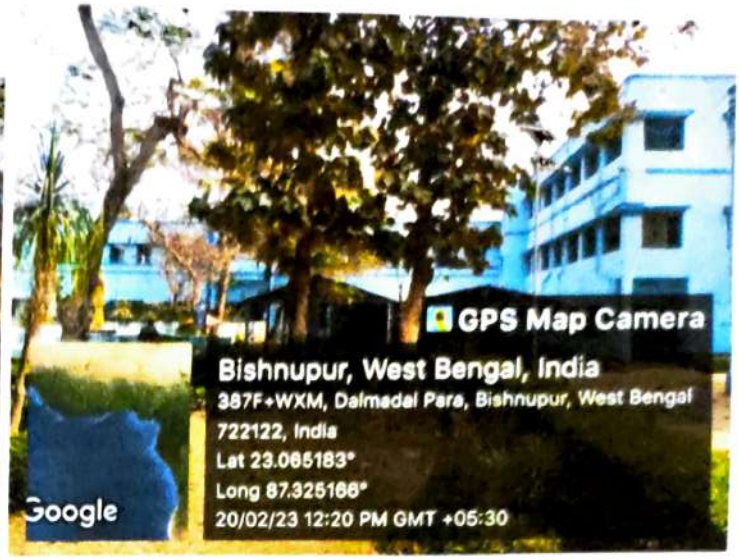


Medicinal Plants

5. Economic value of various Trees.

Sl.	Trees	Economic values
1	*Tectona grandis*	Stem used as Furniture's and leaves are used as plate.
2	*Bridelia retusa*	Used as medicine, food and source of a good quality wood
3	*Polyalthia longiafulia*	Ornamental plants
4	*Plumeria acuminita*	Ornamental flower producing plants





Various Trees in the College Campus

5. Waste Management:

Plastic Waste: First of all, awareness on plastics material (and its life cycle), its uses and disposal will be there regularly among students. In the second stage, practice of keeping plastics wrapping. packaging, and other plastic-made things in the appropriate bin should be there. For this purpose, sufficient numbers of bins will be placed in appropriate locations like students' common room, canteen etc. A mechanism will be there for regular collection by dedicated manpower. At the end, the plastics will recycle by grinding/ chopping instrument and final material is to be dispatched to market. The institution has accepted the suggestion of use of such innovative recycling machine and suggested to design the machine.





Waste Management System in the College Campus

Paper Waste Management: Being academic institution, waste paper is the main solid waste generated in the premises. The institution has taken steps to minimize and avoid paper usage. Faculty and administration staff uses old papers and envelops for internal usages as rough work, file markers, page separators etc. Paper notices are displayed on the notice boards. The dissertation reports journals, and answer papers are stored as per the College rules after that the waste paper is supplied to nearest paper mill

E-Waste Management: Most of the storage of E- Wastes is in computer laboratory. The data on E- waste generation and its disposal is not available. There is no documented policy for collection. segregation of e-waste.

Liquid Waste: Liquid waste generated from canteen, hostels and toilets. Appropriate means is suggested to adopt scientific liquid waste management practices. These are neutralization, bacterial control, and natural control through plantation. c) Organic Waste: The kitchen wastes from the hostel kitchen and canteen are not properly managed.



Liquid Waste Management System in the College Campus

Hazardous Waste: There are no sources of Hazardous Waste

Waste Prevention: Since waste demands a cost for recycling, it is better to design such product which takes les recycling cost. So, at the design phase the proper need assessment is to be undertaken to reduce the target cost for disposal.

Waste Audit and Assessment:

Waste Audit and Assessment	Observation and Findig
Degradable Waste	110 Kg
Non degradable Waste	8Kg
Source of Waste (Organic)	Canteen, Hostel and Garden
Source of waste (Chemical)	Chemistry, Botany, Geography, Zoology Labs
Waste management Policy	Use of Separate Dustbin

GREEN AUDIT RESULT

SL No	Environmental Aspect	Compliance		Comment
		Yes	No	
1	Energy Conservation	✓		
2	Water quality management	✓		
3	Plantation	✓		
4	Waste Management	✓		
5	Air Quality Management	✓		
6	Disaster Management	✓		
7	Risk Management	✓		
8	Environmental Asthetics	✓		
9	Noise	✓		
10	Drinking water provision	✓		
11	Sanitary Waste Management	✓		

Audited by:

S Kr mukherjee 11/05/2023

(DR. SAMIR KUMAR MUKHERJEE)

PRINCIPAL
Bankura Sammilani College
Kenduadihi, Bankura