



SARUPATHAR COLLEGE
SARUPATHAR, GOLAGHAT-785601 (ASSAM)

GREEN AUDIT REPORT

2022-2023



Prepared by
Green & Environment Audit Cell
Sarupathar College



**Green & Environment Audit Cell
Sarupathar College, Sarupathar, Golaghat**

Sl No.	Name	Designation	Role
1	Dr. Prapti Thakur	Principal, Sarupathar College	Chairperson
2	Mr. Pranjal Dutta	Assistant Professor of English	Coordinator
3	Mr. Krishna Konwar	Assistant Professor of Sociology	Member
4	Mr. Sanjay Rizal	Assistant Professor of Commerce	Member
5	Mr. Norottam Rabha	Library Staff	Member

1. Dr. Prapti Thakur *Prapti Thakur*
2. Mr. Pranjal Dutta *Pranjal Dutta*
3. Mr. Krishna Konwar *Krishna Konwar*
4. Mr. Sanjay Rizal *Sanjay Rizal*
5. Mr. Norottam Rabha *Norottam Rabha*



GOVERNMENT OF ASSAM
OFFICE OF THE DIVISIONAL FOREST OFFICER
GOLAGHAT DIVISION:: GOLAGHAT


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GREEN AUDIT CERTIFICATE

This is to certify that Sarupathar College located at Sarupathar in Golaghat district has conducted Green Audit of their campus for the session 2022-23 to assess the green initiatives taken by then college to evaluate green practices for a sustainable Eco-friendly campus.

The green initiatives and practices followed by the College in building a sustainable Eco-friendly campus is satisfactory. The efforts carried out the students, faculty members and college authority in the College campus which is located in a rain shadow area of the district, is highly appreciated.

Dated: Golaghat, 12th May 2023


(S.K. Thakuria, IFS)
Divisional Forest Officer
Golaghat Division, Golaghat
Golaghat Division

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Introduction

Location of the College:

Sarupathar College is located in Dhansiri Subdivision along the Assam Nagaland Border in Golaghat district of Assam which covers an area of 888 sq. km. Embellished by its diverse ethnic groups with their rich cultural heritage, this can aptly be called Assam in miniature. The river Dhansiri flows 2 km west from the college and the river Doyang flows 6 km. east from the college. The college is situated at a distance of 55 km. to the south of the district headquarters at Golaghat, bounded by an unbroken chain of the Naga Hills to the south-east and south and the Karbi Hills to the west.

The college is bestowed with a naturally green campus with a huge diversity of flora and fauna. It has a sprawling campus of 15 acres of land endowed with the exotic beauty of lush green trees.

Target Areas of Green Audit

Green Campus: The College is naturally gifted with a green campus and this greenery is maintained by the college. The scenic beauty of the college is so ravishing that it attracts various faunal diversity including insects, birds, reptiles and small mammals of the neighboring forest areas. The trees and shrubs surrounding the roads, administrative buildings, library building and the academic building provide a green environment to the college.



Image: Entrance of College Campus.



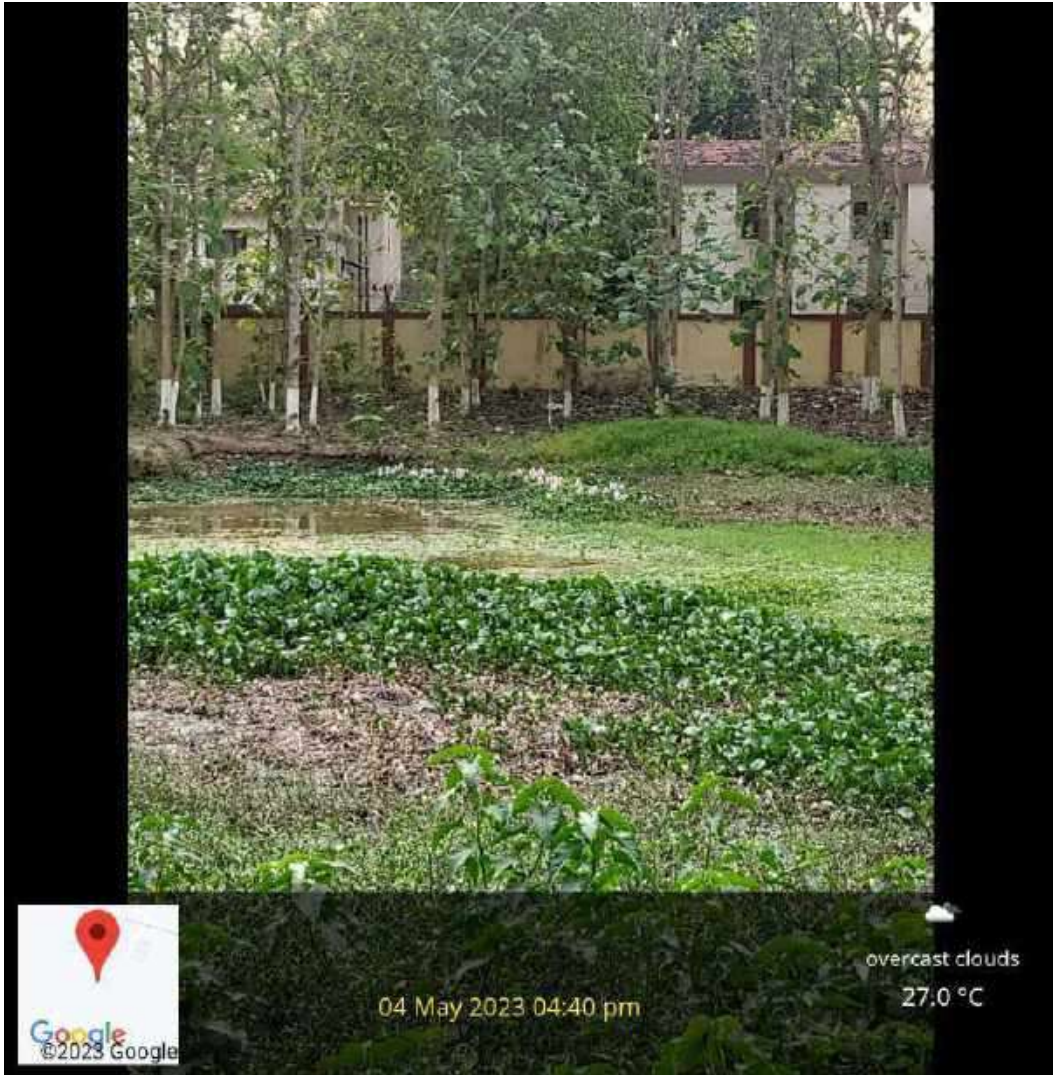
Canopy in front of administrative building



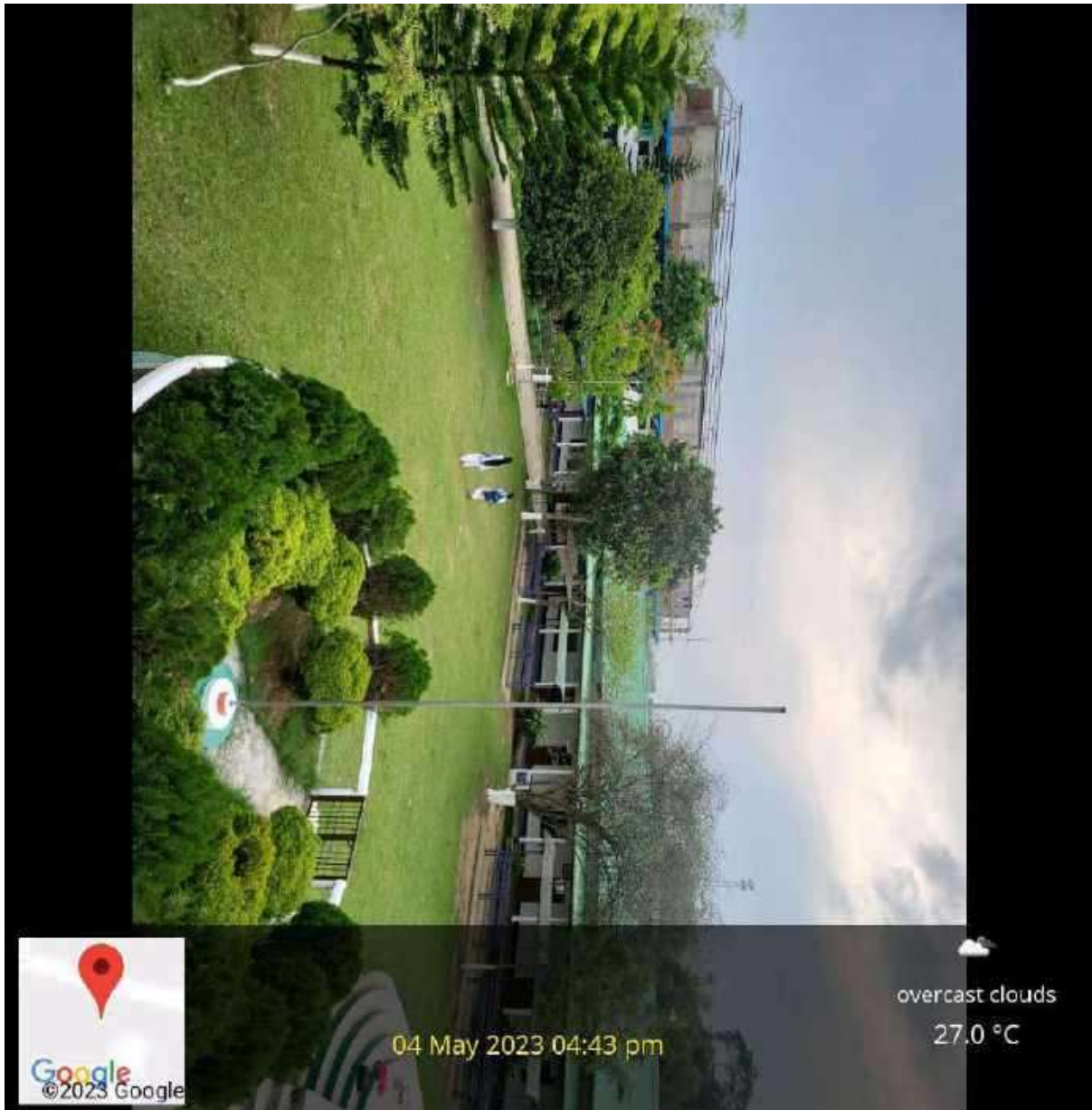
Road to College Canteen



Front side of Digital Classroom



Teak Garden



Front side of Administrative Building

Green Campus Initiatives: The College has performed different activities like cleanliness drive, plantation programme, plantation clearing, ban on plastic use etc. Awareness campaign on sustainable development, plastic free campus and biodiversity conservation are organized by NSS in collaboration with different bodies in regular manner. Display of environmental awareness board such as: no littering, plastic free campus etc. and different colour coded waste bins to segregate waste and easy collection is provided in all the blocks of the campus. The faculties and students are also encouraged to plant trees in the campus and for this Plantation drives are performed in Environment Day of every year. The college has also introduced the system of planting a sapling by the students who take free admission and also they are responsible to take care of the saplings. However, the protection part of the saplings by fencing and all is maintained by college itself.

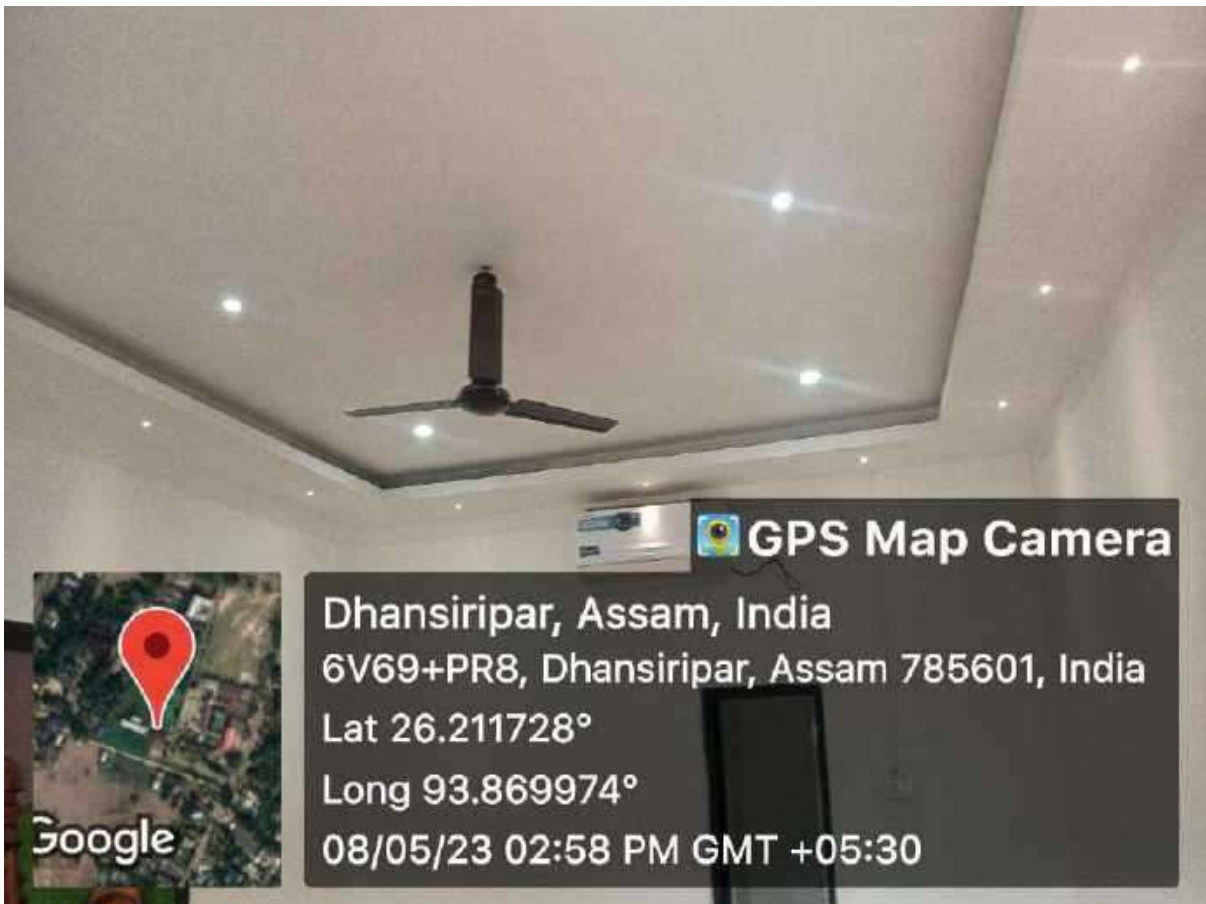
The institution also in collaboration with NSS and other departments observe various days like World Environment Day, Earth Day in order to foster values related to environment awareness.

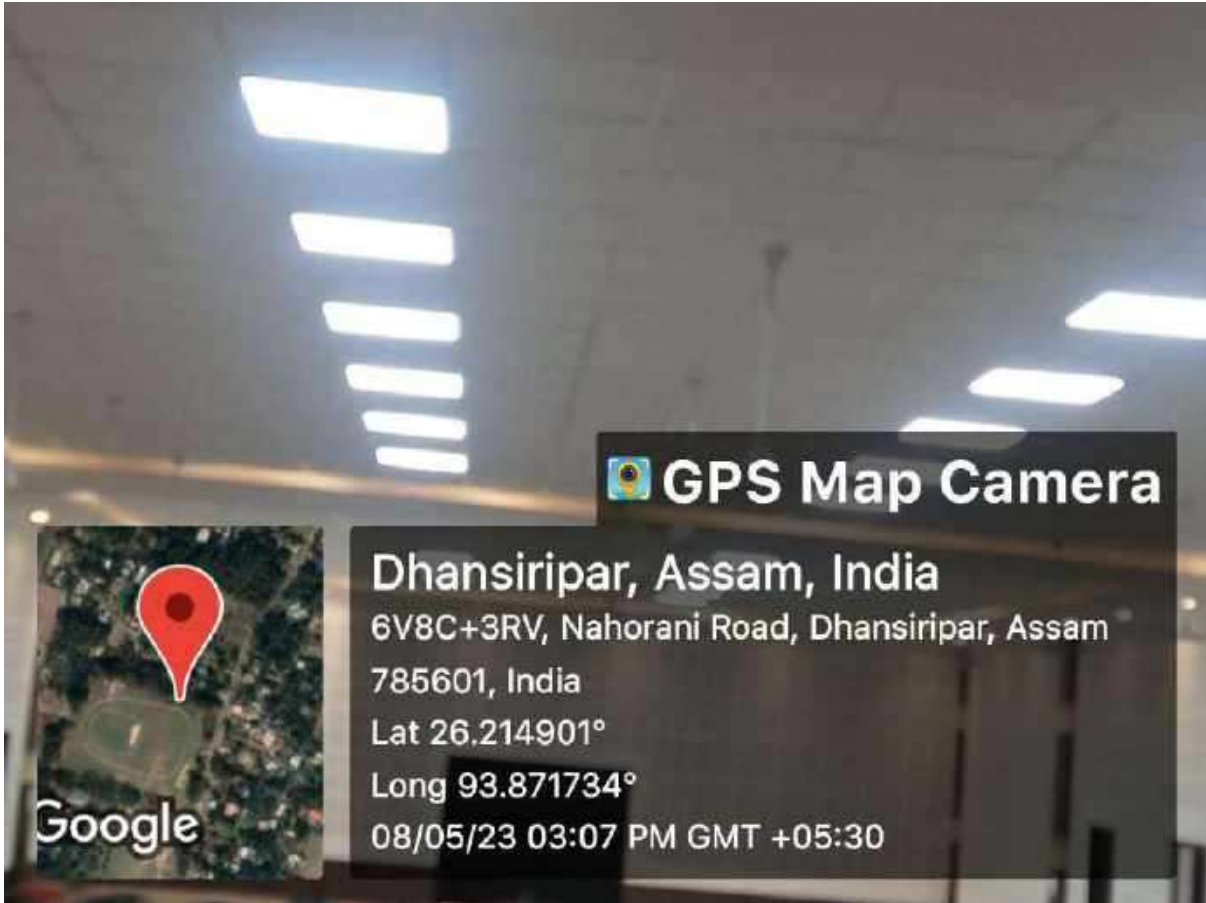
Apart from the observance of these programmes the college provides and eco friendly environment by practicing some measures, which include:

1. Rain water harvresting and use of the water
2. Solid waste management by vermicomposting
3. Municipality
4. Use of solar panels and LED lights for reduced electricity consumption
5. Less use of Paper
6. Plastic free campus


Extension and awareness activities in the adopted village Saraipung to make the village “Plastic free village”









 **GPS Map Camera**

Dhansiripar, Assam, India

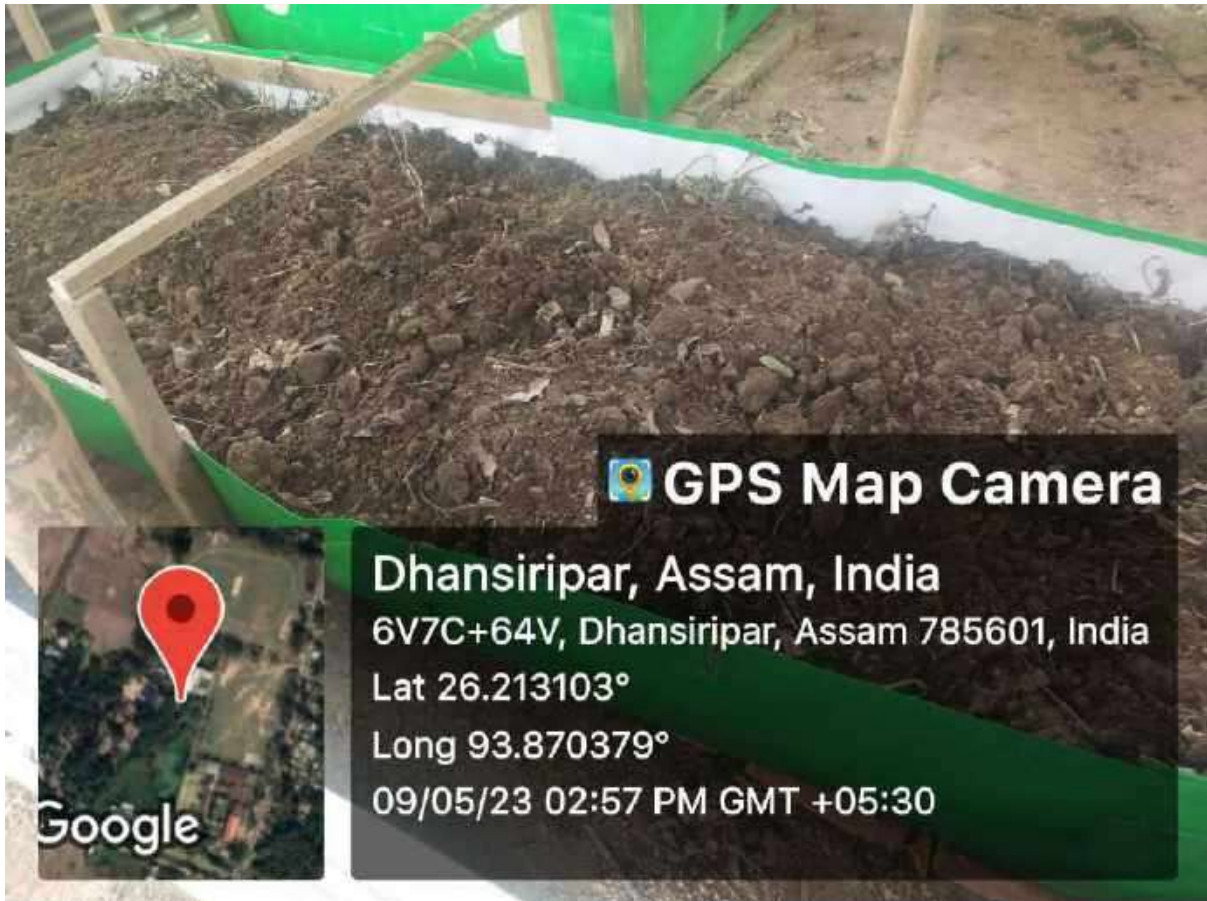
6V7C+64V, Dhansiripar, Assam 785601, India

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Long 93.870095°

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Images: Practice like Solar panels, LED lights, Rain waterharvesting Vermicomposting unit for Eco-friendly development



Images: Plastic free campus

Floral Diversity

Sarupathar College has an eco-friendly campus which is favoured by the topography, adequate

rainfall and climatic conditions resulting in high species diversity in the campus. More than 80% area of the campus is green having different species including trees, shrubs, and herbs. The College also established the “Fruit Orchard” and Garden which encompasses the rich floral diversity of the campus comprising ethno medicinally important plant and medicinal plants too.

Table: List of Floral diversity of Sarupathar College Campus

Sl No.	Local Name	English Name	Scientific Name
1.	Aamlakhi	Emblimyrobalm	Embliaofficialis Linn
2.	Amita	Papaya	Caricappa a Linn
3.	Arjun	Arjuna myrobalum	Terminalia arjuna DC
4.	Acacia	Australian acacia	Acacia moniliformis
5.	Aam	Mango	Magniferaindicalinn
6.	Aahat	Java fig	Ficusbenjamina Linn
7.	Anaras	Pina apple	AnanascomosusMirr
8.	Outenga	Elephant apple	Dilleniaindica Linn
9.	Kathana	Indian Wild coffee	CoffeaBengalensis
10.	Kordoi	Chinse gooseberry	Ayerrhoea carambola Linn
11.	Kalmou	Swamp Cabbage	IpcmereptansPoiv
12.	Albizia	Albizia	Albizia Julibrissin
13.	Umbrella Tree	Umbrella Tree	Schefflera actinophylla
14.	Avocado	Avocado	Perseaamerican
15.	Area plant	Area plant	-----
16.	Aglaonema	Aglaonema	Aglaonemacommutatum
17.	Areca palm	Areca palm	Dypsislutescens
18.	Balfour Aralia	Balfour Aralia	Variegated Dinnerplate Aralia
19.	KopouPhul	Orchid	Rhynostylisretus Linn
20.	Kajinemu	Acid Lime	Citrus aurantifolia Swing
21.	Keheraj	-----	Eclipta alba hasak
22.	Kunduli	Ivy Guard	Coccinia grandis
23.	Krishnachura	Gulmohur	DelonixregiaRaf
24.	Kharpat	Senna alta	Cassia alata Linn
25.	Khutara	-----	Amranthusviridis Linn
26.	Gomari	Gambhar	gomelinaarboreaRoxb.
27.	Golap	Rose	Rosa damascene Mill
28.	Gandhaliban	-----	Ageratum conyzoides Linn
29.	Dubari ban	Cynodondactylon Pers	. Cynodondactylon Pers
30.	Dron ban	leucasplukentiiSpreng	LeucasplukentiiSpreng

31	Gu-phul	Lantana	Lantana camera Linn
32	Keya ban	Keya Bon	Kyllinganemoralis
33	Manimuni	Indian pannywort	Centellasiatica Linn
34	Matikaduri	Sissoo spinach	Alternantherasessilis Linn
35	SoruTengesi	Indian sorrel	Oxalis corniculatalinn
36	BorTengesi	Indian sorrel	Oxalis debilisLour
37	Banjuluk	Indian sorrel	Hedyotisdiffusa Wild
38	Lanka ban	-----	-----
39	BhuiAamlakhi	-----	Phylanthusurinari Web
40	Padina	Mint marsh	Menthaarvensis Linn
41	Dhekia	Fiddle head fern	Diplazium esculentum
42	Kachu	Arbi plant	Colocasia esculenta
43	Bihlagani	Wood apple	Polugonumhydropiper Linn
44	Sajina	Drum strick	MoringaolieferaLamk
45	Narasingha	Curry leaf plant	Murryakoenigii Linn
46	Medelua	Indian cucumber root	Cassia sophera Linn
47	Radhachura	Copperpod	CaesalpiniaapulcherimaLinn
48	Khejur	Date Palm	Phoenix dactylifera
49	Chatiana	Devil Tree	Alstoniascholaris R.Br
50	Gajar ban	-----	-----
51	Titkachu	Elephant ear	Colocasia
52	SoruBhekuri	Cuisine	SolanumtorvumDunal
53	Borbhekuri	Cuisine	Solanumtorvum Sw. Prodr
54	Sonaru	Pudding pipe tree	Cassia fitula Linn
55	Gulnemu	Lemon	Cirtus paradise Macf.
56	Pochotia	Indian privet	Vitexnegudo Linn
57	Siju	Siju plant	Euphorbia genus
58	Jalfai	Indian olive tree	Elaeocurpusfloribundus Bl.
59	Kolajamu	Black Palm	Syzygiumcumini Linn
60	Silikha	Chebulic myrobalan	Terminalia chebula Retz
61	Kadam	Kadam Tree	AnthocephauluscodombaMiq
62	Narikol	Coconut Tree	Cocos nucifera
63	Lucky Bamboo	Lucky Bamboo	Dracaena sanderiana
64	Eucalyptus	Eucalyptus	Eucalyptus globules
65	Bagan Bhalia	Bougainvillea	Bougainvillea spectabilis
66	Oyster Plant	Oyster Plant	Ostreidae
67	Jermani Ban	-----	Eupatorium odoratum Linn
68	Sishu	Indian rosewood	DalbergiasisooRoxb.
69	Jori	Java fig	Ficusbenjamina Linn
70	Segun	Teak	Techtonagrandis
71	Meteka	Water hyacinth	EichhorniacrassipesSolms.
72	Bogori	Palm	Prunus Persia
73	Madhuri	Gauva	Psidium guava Linn
74	Taal	Wine palm	Palmyra palm
75	Sampalakh	-----	-----
76	Monichal	Soap nut	SapindusmukoroiGaertn
77	Lajuki bon	Sensitive Plant	Mimosa pudica Linn

78	Lata Gumoni	-----	EpipremnumAureum
79	Bokul	Indian Moder	MimusopselengiRoxb
80	Kauri Kerela	Bitter Guard	Momordica charantia
81	Kunduli	Ivy Guard	Coccinia grandis
82	Nahor	Iron wood Tree	Mesuaferrea Linn
83	Atlas	Atlas	Cedrusatlantica
84	Pithagas	-----	-----
85	Anarosh	Pine apple	Ananas comosus
86	Poniyol		FlacourtiacataphractaRoxb
87	Debadaru	PolyalthialongifoliaThw	PolyalthialongifoliaThw
88	Neem	Margossa Tree	Azadiractaindica A-Juss
89	Hedge phul	Hedge Flower	Carpinus betulus
90	MamoiTamul	Palm nut	Curculigorecurveta
91	Joba	China Rose	Hibiscus rosasinensis Linn
92	Tikanibarua	Smilax glaabra	Byttneriagrandifolia DC.
93	Kola Tulasi	Holy Basil	Ocimum sanctum Linn
94	Dubariban	Cynodondactylon Pers	Cynodondactylon Pers
95	Nayantara	Periwinkle	CatharanthusroseusG.Don
96	Narji	Marigold	Portulaka grandiflora Hook
97	PiraliPaaleng	Ceylon Spinach	Atriplexhortness Linn
98	Phutkala	Kalampatti	Melastomamalbatharicum Linn
99	Babasaban	-----	EleusineindicaGaertn
100	Bhomora	Beiaricmyrobalon	Terminalia belericaRoxb
101	Modar	Indian coral tree	ErithrinaindicalLamk
102	Mochandari	Heart leaf	HonyttiniacordataThunb
103	Rohdoi	Star fruit	Averrhoacarambulla Linn
104	Laijabari	-----	DrymariacordataWilld
105	Lashkochi	-----	Solanumnigram Linn
106	Sonaru	Pudding pipe Tree	Cassia Fistula Linn
107	Hatibhekuri	Turkey berry	Solanumtorvum Sw. Prodr
108	Mahabhingaraj	False daisy	Eclipta alba
109	Mateka	Water hyacinth	EichorniacrassipesSolms
110	Cactus	Cuctus	Carnegiea gigantean
111	Ashoka	Ashoka	Polyalthia longifolia
112	Patbahar	Common Coleus	Coleus scutellarioides
113	Chinarose	Chinarose	Shoeblackplant
114	Treebine	Treebine	Cissus
115	Thuja	Thuja	Thuja standishii x plicata
116	Maloti	Star jasmine	Trachelospermum jasminoides
117	Kothal	Jackfruit	Artocarpus heterophyllus
118	AxonopusCompressus	AxonopusCompressus	DigitariaPlaticaulis
119	CheniGos	Suger tree	Polygala Senega
120	Dalia	Dahlia	Dahlia Pinnata
121	Pitonia	Petunia	Petunia integrifolia
122	Snake Plant	Snake plant	Dracaena trifasciata
123	Hasnahana	Night blooming jasmine	Cestrum nocturnum
124	Money Plant	Money Plant	Epipremnumaureum
125	Scarlet Sage	Scarlet Sage	Salvia splendens

126	Dhopat	Tabacco	Clerdendrum infortunatum
127	Ghora Neem	Neem	Azadirachta indica
128	Spider Plant	Spider Plant	Chlorophytum comosum
129	Khorikajai	Star jasmine	Jasminum multiflorum
130	Navamallika	Navamallika	Jasminum arborescens
131	Fittonia plant	Fittonia	Fittonia albivenis
132	Chocholate Queen	Chocholate Queen	-----
133	Chenichampa	Chenichampa	Musa acuminata
134	Solanun Viaram	Black Nightshade	Solanum Nigrum
135	Naspoti	Pear	Pyrus communis L.
136	Shilling azar	Azar	Monoon longifolium
137	Aglaonema	Chinese evergreen	Aglaonema commutatum
138	Peace Lily	Peace Lily	Spathiphyllum
139	Pokmou	Tomatillo	Physalis philadelphica

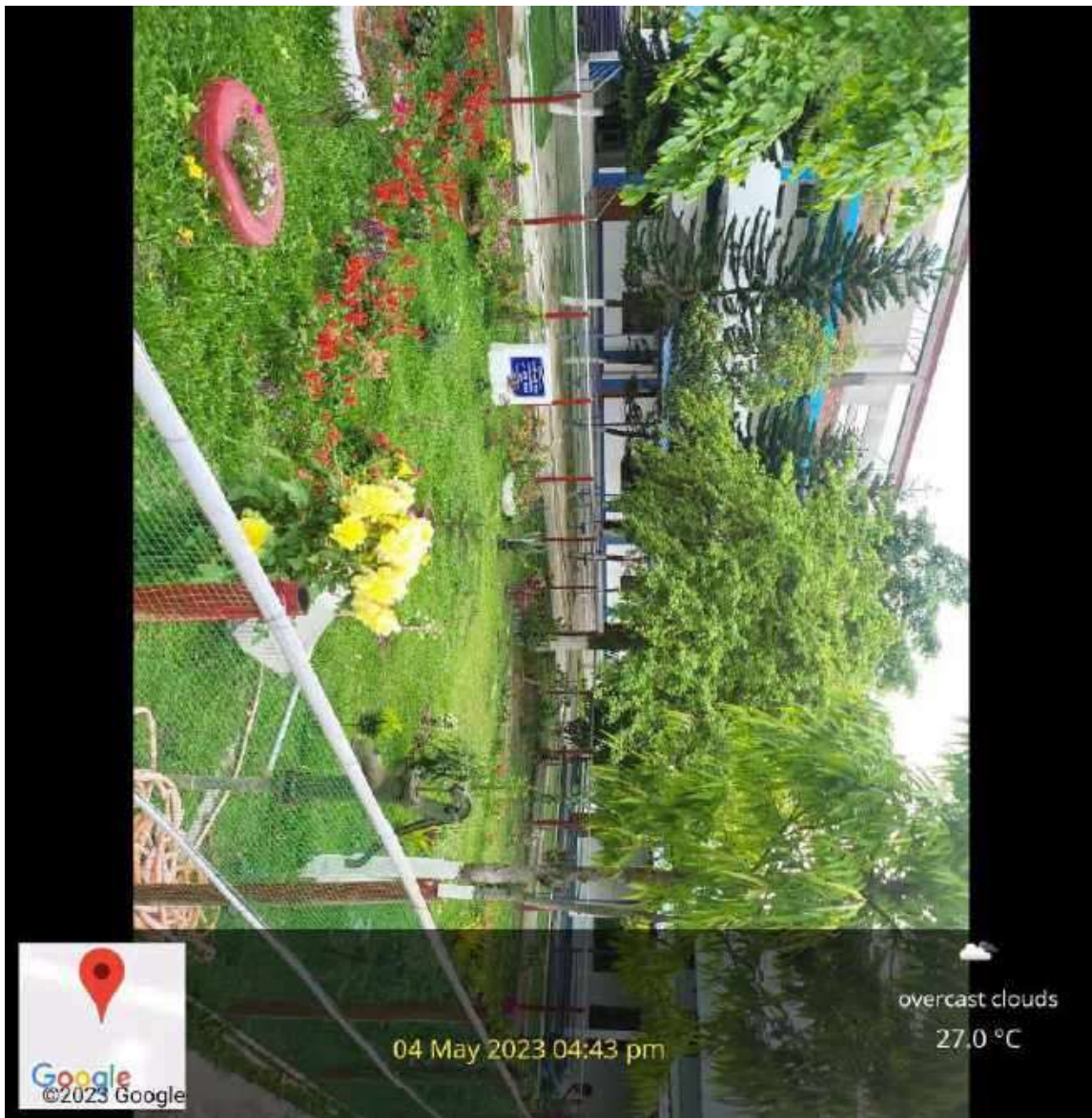


Image: Flower cum Medicinal plants Garden



Image: Greenery in front of Pavillion



Image: Flower cum Medicinal Plants Garden



Image: Plants growing inside Green House

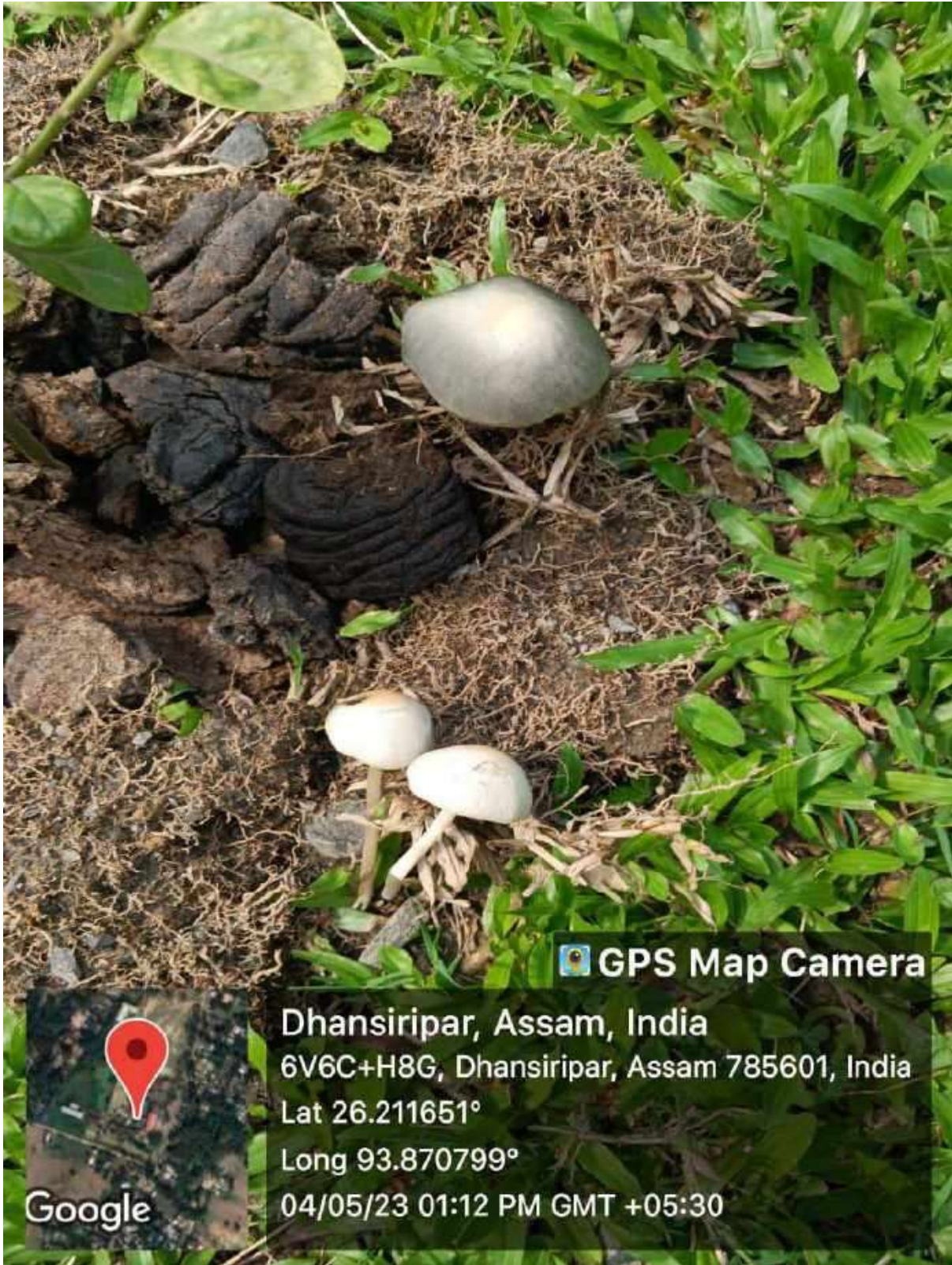


Image: Mushroom glowing in the Teak Garden



Image: Orchid blooming in the Flower Garden

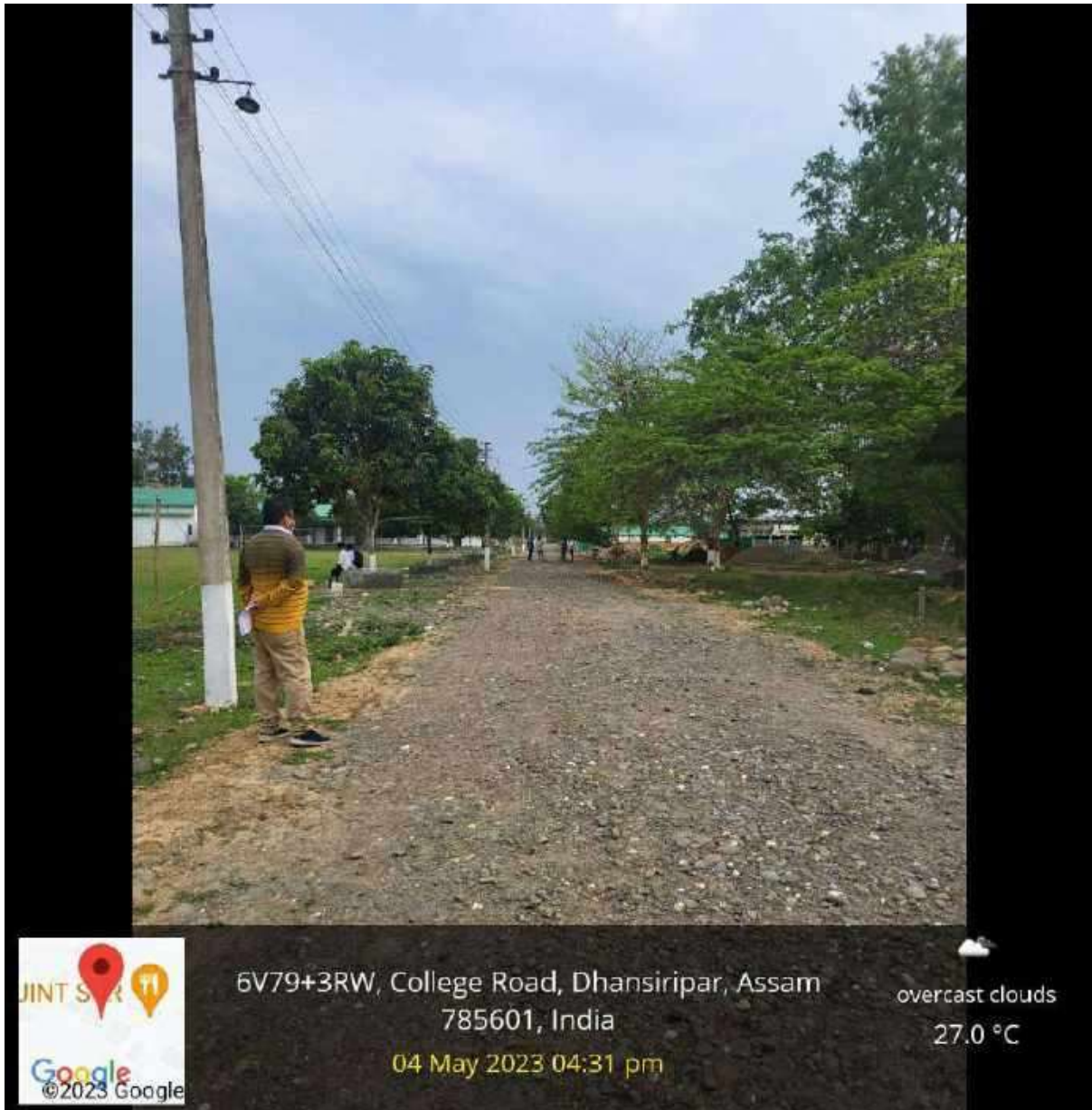


Image: Way to Girls' Hostel

Faunal Diversity:

The college is bestowed with a complimentary location, surrounding environment as well as great floral diversity which ensure a rich faunal diversity to the college. The different species of insects, amphibians, reptiles, birds and mammals contributed to the diversity of fauna in the campus and plays an important role in the ecosystem. The college faunal diversity is prosperous with nearly various species of odonates, butterflies, amphibia, lizards, snakes and birds.

List of odonates, butterflies, amphibia, lizards, snakes and birds found in College Campus

Sl. No	Local Name	English Name	Scientific Name
1	Gui	Bengal monitor	Varanus bengalensis

2	Jethi	Wall lizard	Hemidactylus flaviviridis
3	Neol	Mongoose	Herpestes
4	Tezpia	Common Indian skink	Eutropiscarinata
5	Panivekuli	frog	Ranna spp
6	Pat beng	Common tree frog	Polypedatesleucomystax
7	Suk vekuli	Common toad	Bufo
8	Shamuk	Fresh water Snail	Pilla app.
9	Kumjelekua	snail	Cryptozonebistrialis
10	Bandor	Monkey	Cercopithecidae
11	Kesu	Earthworm	Perionyx spp.
12	Uisiringa	House Cricket	Acheta domestica
13	Kola poruwa	Weaver ant	Myrmicaria
14	Mojali poruwa	Slender ant	Tetraponerarufonigra
15	Amroli poruwa	Green tree ant	Oecphyllasmaragdina
16	Gandhi Puk	Gandhi Kira	Leptocorisavaricornis
17	Kumoti	Mole Cricket	Scapteriscusborellii
18	Jonakiparuwa	Fire Flies	Lampyridae spp.
19	Poitasura	Cockroach	Periplaneta American
20	Mou Makhi	Honey bee	Apis cerena indica
21	Kodu	Hornet	Vespa affinis
22	Kerketuwa	Squirrel	Sciurus caroliniensis
23	Borol	Psocoptera	Psocoptera
24	Jeeya	Dragonfly	Anisoptera
25	Kola jeeya	Odonata	Odonata
26	Gagini	Mantis	Mantodea
27	Ooii	Termite	Isoptera
28	Maakhi	Fly	Diptera
29	Guboruwa	Beetle	Coleoptera
30	Bisa	Caterpillar	Pyrrharctiaisabella
31	FutukiPokhila	Red admiral	Vanessa atalanta
32	Pokhila	Butterfly	Lepidoptera
33	Mokora	House Spider	Achaearaneatepidariourm
34	Moumakhi	Honey bee	Apis cerena indica
35	Kekura	Crab	Decapoda
36	Fetishap	Cobra	Ophiophagus hannah
37	Hundorishap	Ornate snake	Chrysopelea ornate
38	Rajfeti	King cobra	Ophiophagus hannah
39	Mosuwa gum	Indian rat snake	Ptyas mucosa
40	Bamunishap	Striped keelback	Amphiesmastolatium
41	Karholashap	Bronze-backed tree snake	Dendrelaphiscaudolineatus
42	DhoraShap	Checkered keelback	Dendrelaphistrists
43	Rohu	Rohu	Labeorohita
44	Common crap	Common crap	Cyprinus carpio
45	Grass crap	Grass crap	Ctenopharyngodonidella
46	Kawoi	Climbing peach	Anabas testudineus
47	Silver Crap	Silver Crap	Hypophthalmichthys molitrix
48	Puthi	Swamp Brab	Puntius chola
49	Magur	Walking Catfish	Clariasbatrachus

50	Singi	Stinging Catfish	Heteropneustes fossilis
51	Goroi	Spotted snakehead	Channa punctata
52	Borali	Sheat Fish	Wallago attu
53	Singora	Striped dwarf catfish	Mystus vittatus
54	Kholihona	Indian paadise fish	Macropodus opercularis
55	Misa mas	Prawn	Dendrobranchiata
56	Pabho	Pabda	Ompok bimaculatus
57	Kanduli	Feather back	Notopterus
58	Laupatia	Indian glass brab	Chela atpar
59	Selkona	Large razorbelley minnow	Salmostomus bacalia
60	Darikona	Flying brab	Esomus daniconius
61	Moa	Pale carplet	Amblyphayngodon mola
62	Seniputhi	Gunther' barb	Puntius sarana sarana
63	Chanda	Chanda Nama	Elongate glassy perchlet
64	Chengeli mas	Assamese snake head	Channa stewarti
65	Kusia	Eel	Amphipnouscuchia
66	Borolia	Jaya	Aspidoparia jaya
67	Kuhi	Orange fin labeo	Labeo calbasu
68	Kopou	Dove	Shilopelia chinensis
69	Kuli	Koel	Eudynamis scolopaceus
70	Kakoihira	Common hoopoe	Hoopoes
71	Dohikatora	Oriental magpie robin	Copsychus saularis
72	Panikaouri	Darter	Anhinga melanogaster
73	Bortukula	Lesser Adjutant Stork	Leptoptilos javanicus
74	Bogoli	Large egret	Ardea alba
75	Bogoli	Cattle egret	Bubulcus ibis
76	Sorali	Indian whistling Duck	Dendrocygna javanica
77	Hamukvonga	Open billed stork	Anastomus oscitans
78	Kopou	Indian Ring Dove	Streptopelia decaocto
79	Phesu	Black drongo	Dicrurus macrocercus
80	Baduli	Bat	Chiroptera
81	Pathiya	Talorbird	Orthotomus sutorius
82	Balimahi	Wagtail	Motacilla
83	Kauri	Crow	Corvus brachyrhynchos
84	Phesa	Owl	Strigiformes
85	Bhatou	Parrot	Psittaciformes
86	Masrooka	Kingfisher	Alcedinidae
87	Gharsirika	Sparrow	Passeridae
88	Halika	Mynah	Acridotheres tristis
89	Tiposi	Common tailorbird	Orthotomus
90	Konamusuri	Indian pond Heron	Ardeolagrayii
91	Haytha	Green pigeon	Treron
92	Hokhioti	Black hooded Oriole	Oriolus xanthornus
93	Hilkopou	Emerald Dove	Chalcophaps indica
94	Bhodorkoli	Great Tit	Parus major
95	Bihuwati	Common Lora	Aegithina tiphia
96	Bulbuli	Red-whiskered Bulbul	Pycnonotus jocosus
97	Phesuluka	Red-vented Bulbul	Pycnonotus cafer

98	Nasoni	White-throated Fantail	Rhipiduraalbicollis
99	Dauk	White-breasted waterhen	Amauronisphoenicurus
100	Tokura	Baya Weaver	Ploceusphilippinus
101	Koklunga	Rufous Treepie	DendrocittaVagabunda



Image: Pisciculture in College Campus

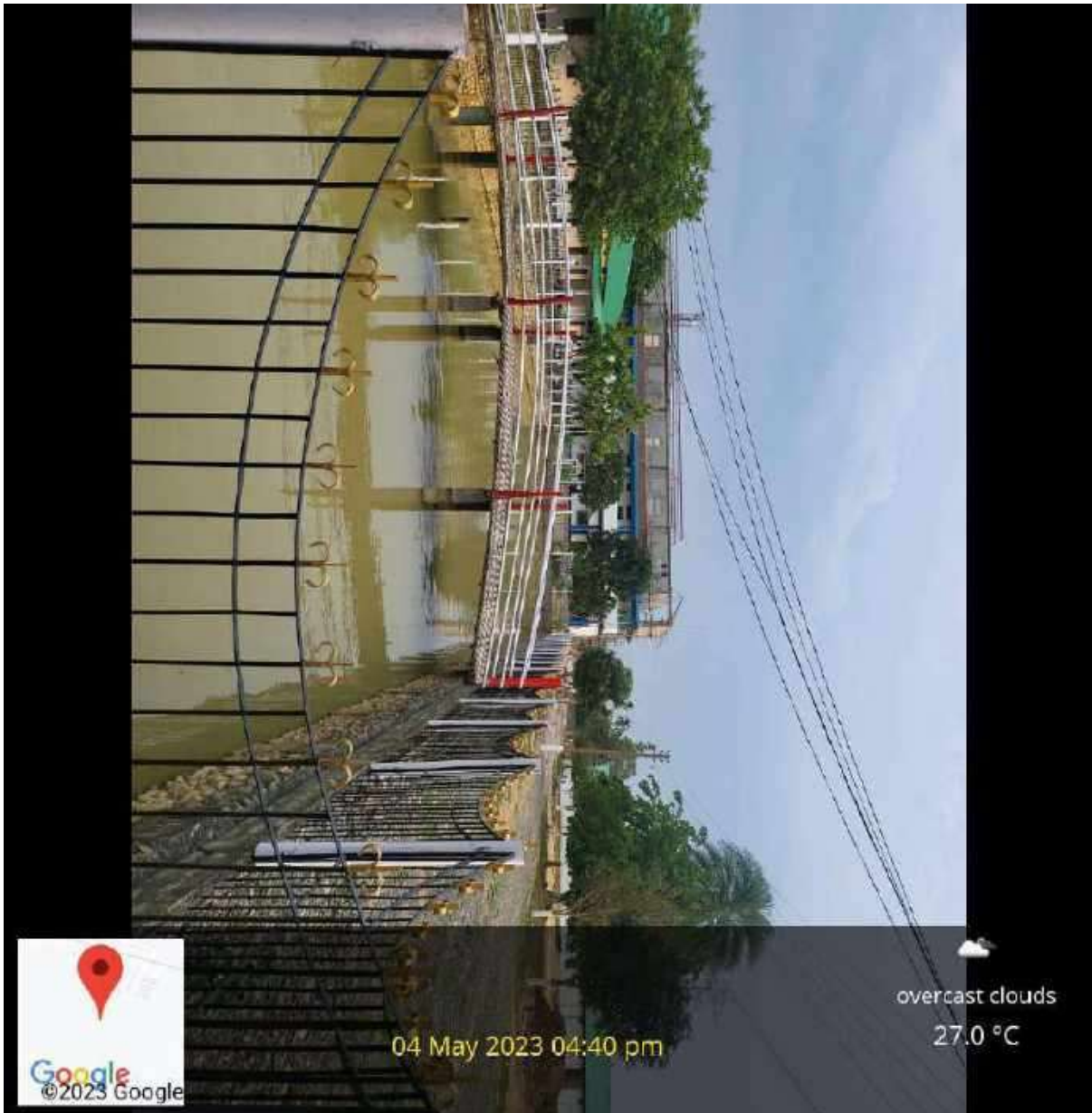


Image: Tank full of fish and amphibians



Image: Wasp



Image: Nest of Green Tree Ant

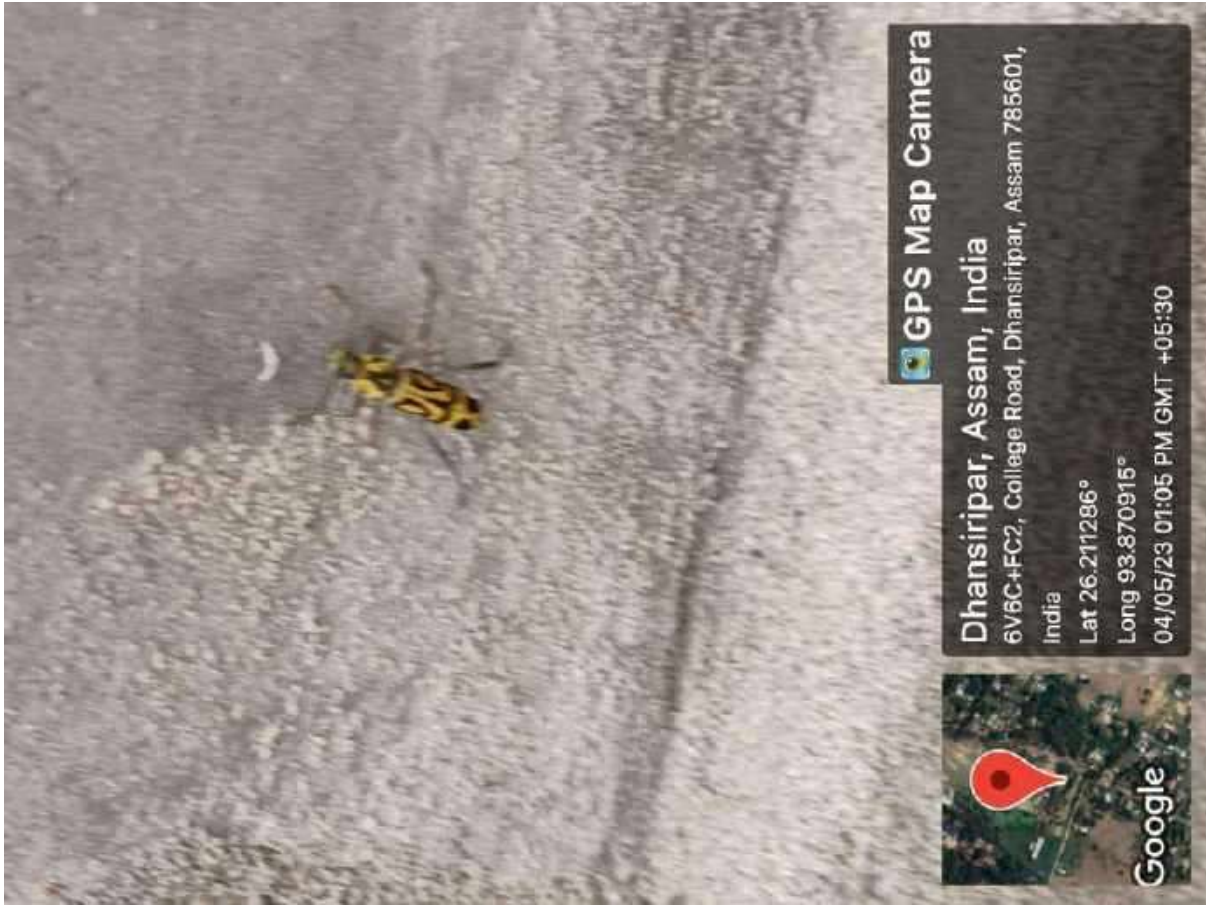


Image: Wasp



Image: Butterfly



Image: Dove



Image: Odonate

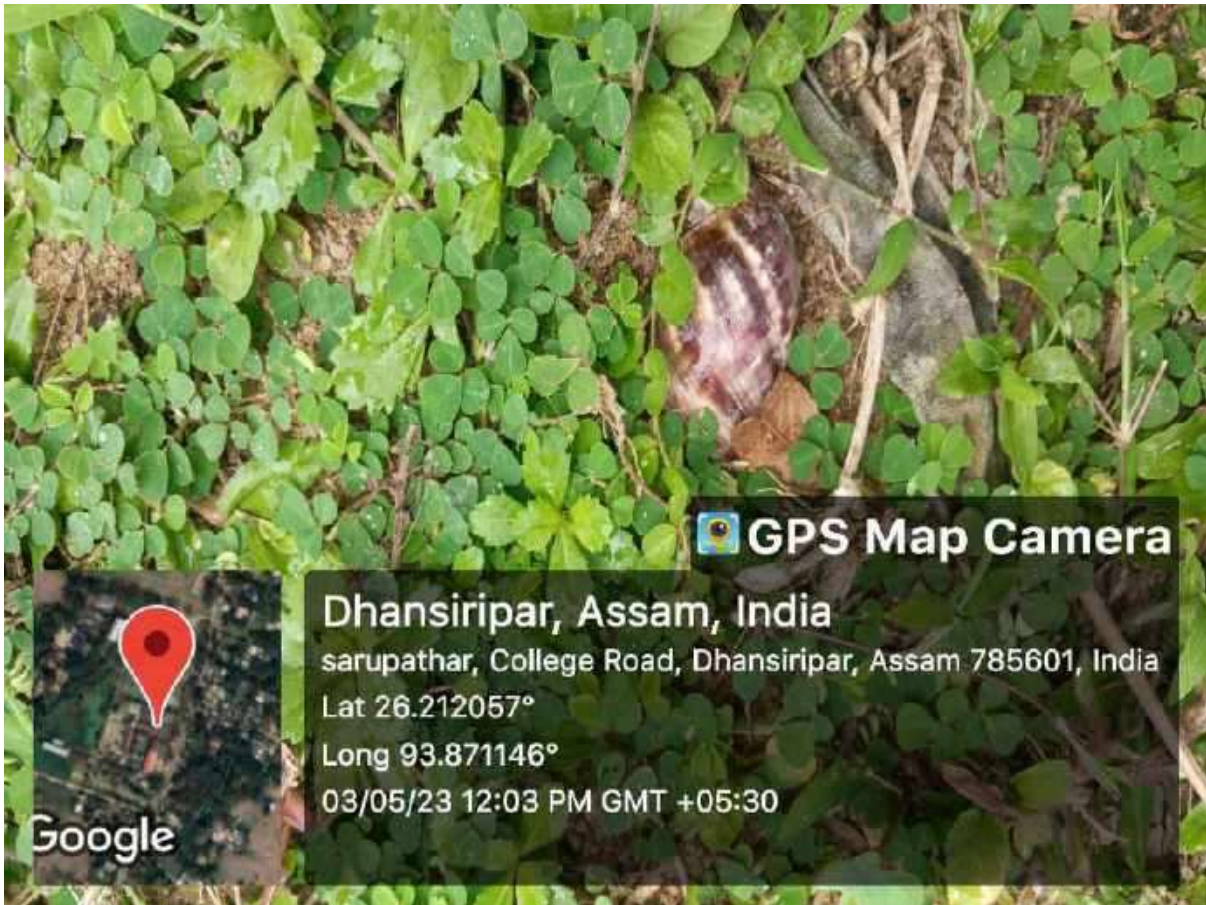


Image: Snail

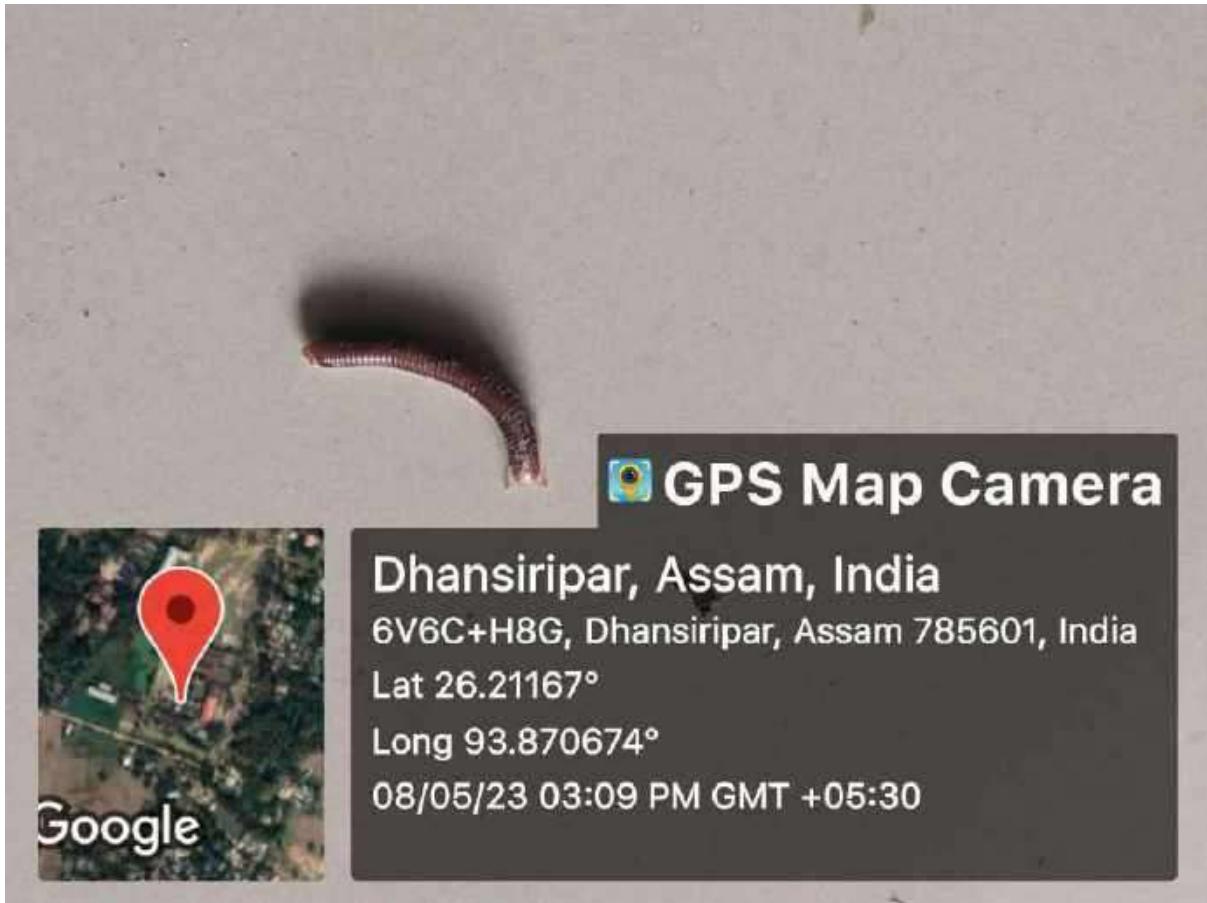


Image: Centipede



Image: Beetle



Image: Slender Ant



Image: Spider



Image: Moth

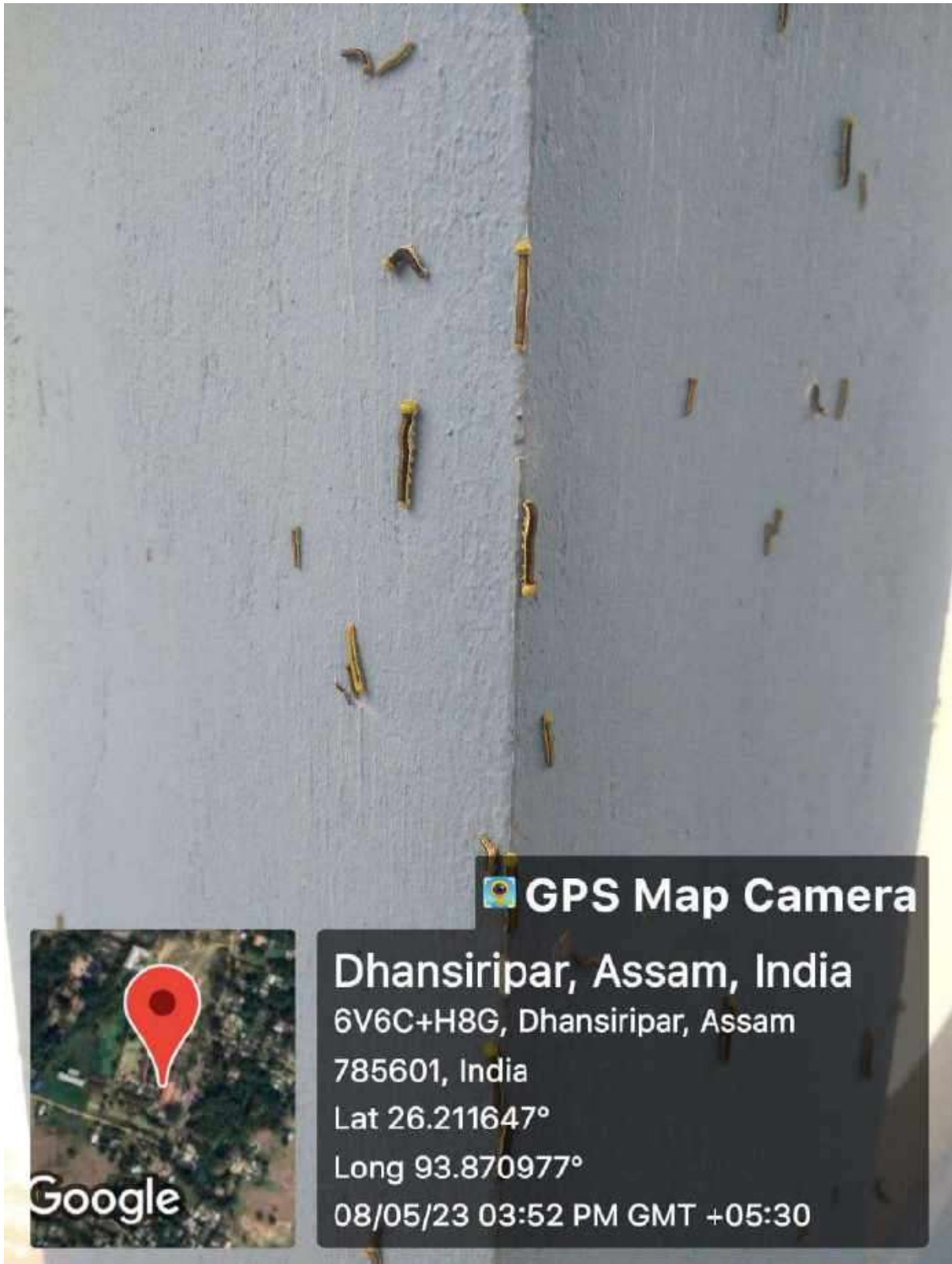


Image: Armyworm



Image: Caterpillar

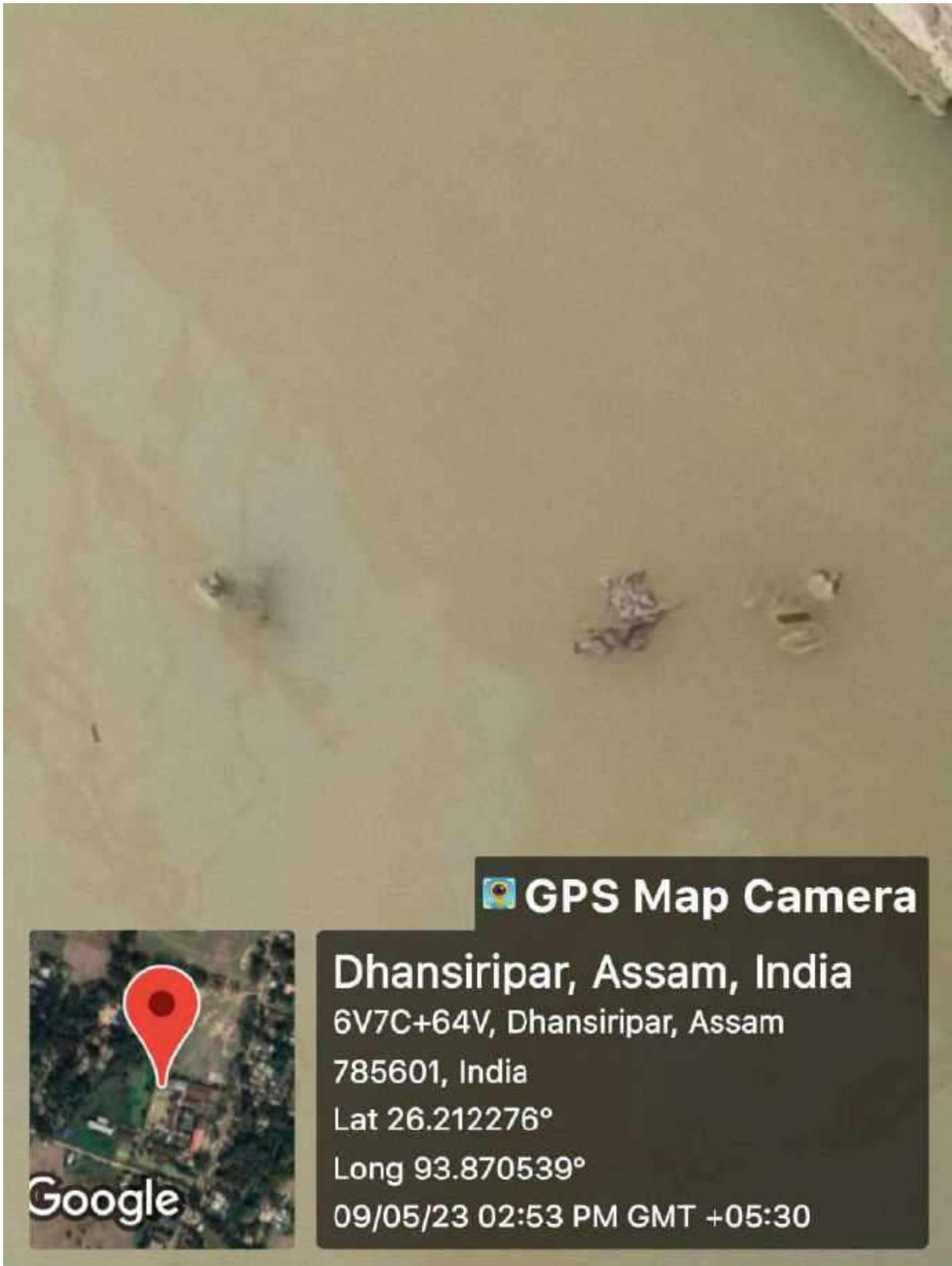


Image: Frog in College Pond



Image: Caterpillar



Image: Lizard



6V79+3RW, College Road, Dhansiripar, Assam 705601, India

Sarupathar College
Assam
India

25°C
77°F

2023-05-08(Mon) 06:10(AM)

Image: Monkey



Image: A nearly extinct bird named Stork(local name *Hargila*) resting on the branches of trees

Future Scope:

Although, the college has a green campus with flora and faunal diversity, there is a scope for further expansion in various fields. For continuous improvement and management, proper strategies are to be taken in future and implementation of the action plans are needed. More installation of solar panels and lights, less use of lights by constructing well lighted rooms, introduction of e-office and e- programme practices, total restriction of automobiles inside the campus with construction of parking area outside the campus are some measures to develop more eco friendly environment. The ravishing beauty of the college campus and availability of various bird species of biological importance attracts many tourists to the college including the foreigners.