

Date: 07/02/2024

To
The Teacher-in Charge
Tarakeswar Degree College
Tarakeswar
Hooghly
West Bengal

E-mail: arundhatimoulik@gmail.com
Website: <https://www.tarakeswardegreecollege.org>

Subject: Environmental Audit Report Submission from Experts

Sir

After verification of all the aspects in the College and necessary assessment of the report on “Environmental/Green Audit” mentioning the “Energy Monitoring & Management System” submitted by your College for the period of 2022-'23, here, we are submitting the Audit Report of “Environmental/Green Audit” of your College of the period of 2022-'23 for your kind perusal in the attached sheet.

We request you to please acknowledge and oblige.

Yours sincerely,



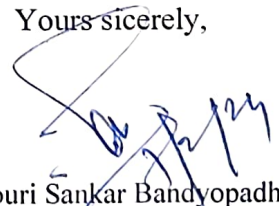
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W.B. 713424

Date: 07/02/2024

AUDIT REPORT ON ENVIRONMENTAL AUDIT/ GREEN AUDIT

CERTIFICATE

This is to certify that the Environmental Audit/Green Audit Report and Energy Monitoring & Management System followed at Tarakeswar Degree College, Tarakeswar, Hooghly is based on the original data collected during the period of 2022-'23. This has been assessed and is applicable to provide quality ambience for continued Higher Education, Training and Mental health to the students for their smart future and career. Further, it is certified that the baseline data was prepared by internal College 'Green & Clean Campus Committee' team members of Tarakeswar Degree College, Tarakeswar and submitted to us. The content of the baseline data of the study and Energy Monitoring & Management System has been personally verified by the Expert Team constituted by the University of Burdwan, Burdwan for validity and reliability. The data used in the study are original in nature and have not been presented or published elsewhere. Data & Photographs used in the report are taken by the College Environmental Committee team members during preparing their Report of the concerned year 2022 - '23.


07/02/24

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a. In order to meet these objectives, this audit was based on report submitted by the College authority and reviewing of relevant documents as far as possible and interviews with authority, Coordinator and staff members physically.

b. Review of the Documentations

c. For the purpose of this audit the Green Policy of the institute was reviewed. Other relevant standards, Green audit framework *etc.*, was also considered.

Interviews

Interviews were conducted with the Principal, IQAC Coordinator, Coordinator of College Green & Clean Campus Committee and also members of the Committee.

Physical Inspection

Physical inspection was made on 23rd of December 2023 and report was prepared based on the physical verification and validation and interaction with the members of the College.


9.0 Declaration

I agree with all the recommendation and observations mentioned in this report.


Date: 07/02/2024

Place: Tarakeswar Degree College
Tarakeswar, Hooghly

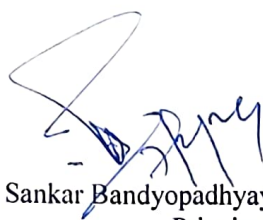
Signed by
College Principal with Seal


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Green Book 2021- 2022
**Green & biodiversity survey in Tarakeswar
Degree College**



Prepared By



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Introduction

Tarakeswar Degree College, is situated in Tarakeswar in Burdwan division of Hooghly district. It was established in 1986, as an undergraduate general and honours degree college. The location of this college is predominantly semi-urban with a lot of agricultural backdrop. There is a presence of some water bodies around the campus which may be supporting a rich-biodiversity. To understand and conserve the biodiversity of the area a baseline survey is essential. Surveying the area may also be essential for the awareness of local people as well as the students studying in this educational institution.

This study allows us to understand and document the floral and faunal diversity of the college premises and adjoining areas.

Objective

The main objective of this study is to get a baseline data of biodiversity of the area which will include:

- 1) Documentation of the floral diversity of the area; its trees, herbs, shrubs, climbers and aquatic vegetations.
- 2) Documentation of the major faunal groups like mammals, reptiles, amphibians and birds.
- 3) Documentation of invertebrate fauna like butterflies, odonates and spiders.
- 4) Documentation of the specific interdependence of floral and faunal life.

Survey Team

- Swapna Biswas (Plants, Odonates, Birds)
- Somik Ghosh (Birds)
- Tarak Samanta (Birds, Butterflies, Odonates)
- Anisha Mazumdar (Butterflies)

Survey Time

The survey was conducted as a rapid survey for a single day on **26 March 2022**.

Observations and Conclusion

Number of Floral species observed: 157

The list of Flora indicates a significant diversity of plants which indicates the overall richness of the place. We have classified the overall flora into 10 groups. The most diverse group is the herbs, whereas there are 1 species of each of Aquatic plant, Mangrove and Fern which shows the least diversity.

Table 1: Checklist of Floral groups with species number

Sl.No.	Floral Group	No. of Species	Table number
1)	Trees	29	Table 9
2)	Shrubs	24	Table 10
3)	Herbs	54	Table 11
4)	Climbers	15	Table 12
5)	Grass	8	Table 13
6)	Ornamental Plants	19	Table 14
7)	Palm	5	Table 15
8)	Mangrove	1	Table 16
9)	Aquatic plants	1	Table 17
10)	Fern	1	Table 18

Number of Faunal species observed: 75

The list of Fauna indicates that the college campus is rich in faunal diversity. A total of 21 butterfly species were documented on the day of survey which indicates that the campus and adjoining areas harbour a healthy ecosystem. 13 species of Odonates were found which indicates towards the good health of the water bodies in the area.

Table 2: Checklist of Faunal Groups with species number

Sl. No.	Faunal Group	No. of Species	Table number
1)	Mammals	2	Table 3
2)	Birds	35	Table 4
3)	Butterflies	21	Table 5
4)	Odonates	13	Table 6
5)	Spiders	2	Table 7
6)	Herpetofauna	2	Table 8

The rapid one-day survey has yielded in a documentation of 232 species of flora and fauna both. Although this is indicative of a rich biodiversity, it is by no means a conclusive overall biodiversity documentation. For a proper assessment of the environment, an extended biodiversity survey is suggested with proper seasonal data collection. That baseline survey would yield in a better understanding of the current ecological associations.

Table 3: Checklist of Mammals

Sl.No	Common Name	Scientific Name	Bengali Name	Family
1	Indian Pariah Dog	<i>Canis lupus familiaris</i>	Kukur	Canidae
2	Five-striped Palm Squirrel	<i>Funambulus pennantii</i>	Kathbirali	Sciuridae

Table 4: Checklist of Birds

Sl No.	Species	Scientific Name	Local Name	Family	Migratory Status
1	Black Kite	<i>Milvus migrans</i>	Chil/Dom Chil	Accipitridae	Resident
2	Shikra	<i>Accipiter badius</i>	Shikra	Accipitridae	Resident
3	White-throated Kingfisher	<i>Halcyon smyrnensis</i>	Sada Buk Machhranga	Alcedinidae	Resident
4	Indian Pond Heron	<i>Ardeola grayii</i>	Koch Bok	Ardeidae	Resident
5	Common Tailorbird	<i>Orthotomus sutorius</i>	Tuntuni	Cisticolidae	Resident
6	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	Kanthi Ghughu	Columbidae	Resident
7	Orange-breasted Green Pigeon	<i>Treron bicinctus</i>	Gola Payra	Columbidae	Resident
8	Rock Pigeon	<i>Columba livia</i>	Paira	Columbidae	Resident
9	Spotted Dove	<i>Stigmatopelia chinensis</i>	Tile Ghughu	Columbidae	Resident
10	Yellow-footed Green Pigeon	<i>Treron phoenicopterus</i>	Harial	Columbidae	Resident
11	House Crow	<i>Corvus splendens</i>	Pati Kak	Corvidae	Resident
12	Asian Koel	<i>Eudynamis scolopaceus</i>	Kokil	Cuculidae	Resident
13	Common Hawk Cuckoo	<i>Hierococyx varius</i>	Papia/ Chokh Gelo	Cuculidae	Resident
14	Black Drongo	<i>Dicrurus macrocercus</i>	Finge	Dicruridae	Resident
15	Bronze-winged Jacana	<i>Metopidius indicus</i>	Jol Pipi	Jacanidae	Resident
16	Jungle Babbler	<i>Turdoides striata</i>	Chhatore	Leiotherichidae	Resident
17	Coppersmith Barbet	<i>Megalaima haemacephala</i>	Chhoto Basantabouri	Megalaimidae	Resident
18	Lineated Barbet	<i>Megalaima lineata</i>	Rekha Basonto	Megalaimidae	Resident
19	Oriental Magpie Robin	<i>Copsychus saularis</i>	Doyel	Muscicapidae	Resident
20	Purple Sunbird	<i>Cinnyris asiaticus</i>	Durga Tuntuni	Nectariniidae	Resident
21	Black-hooded Oriole	<i>Oriolus xanthornus</i>	Benebou/Istikutum	Oriolidae	Resident
22	Little Cormorant	<i>Phalacrocorax niger</i>	Chhoto Pankauri	Phalacrocoracidae	Resident
23	Black-rumped Flameback	<i>Dinopium benghalense</i>	Chhoto Sonali Kaththokra	Picidae	Resident
24	Rose-ringed Parakeet	<i>Psittacula krameri</i>	Tia	Psittaculidae	Resident
25	Red-vented Bulbul	<i>Pycnonotus cafer</i>	Bulbuli	Pycnonotidae	Resident
26	White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	Dahuk	Rallidae	Resident
27	Chestnut-tailed Starling	<i>Sturnia malabarica</i>	Pat Shalik	Sturnidae	Resident
28	Common Myna	<i>Acridotheres tristis</i>	Shalik	Sturnidae	Resident
29	Asian Palm Swift	<i>Cypsiurus balasiensis</i>	Talcharai/Talchonch	Apodidae	Resident

SI No.	Species	Scientific Name	Local Name	Family	Migratory Status
30	Little Swift	<i>Apus affinis</i>	Moti Talcharai	Apodidae	Resident
31	Rufous Treepie	<i>Dendrocitta vagabunda</i>	Harichacha	Corvidae	Resident
32	Pale-billed Flowerpecker	<i>Dicaeum erythrorhynchos</i>	Parag Pakhi/ Fulchuki	Dicaeidae	Resident
33	Taiga Flycatcher	<i>Ficedula albicilla</i>	Chutki/ Chataki	Muscicapidae	Winter migrant
34	Asian Pied Starling	<i>Gracupica contra</i>	Guye Shalik	Sturnidae	Resident
35	Blyth's Reed Warbler	<i>Acrocephalus dumetorum</i>	Jhop Tikra	Acrocephalidae	Winter migrant

Table 5: Checklist of Butterflies

SI No.	Species	Scientific Name	Bengali Name	Family
1	Common Pierrot	<i>Castalius rosimon</i>	Tilaia	Lycaenidae
2	Pale Grass Blue	<i>Pseudozizeeria maha</i>	Dhupi	Lycaenidae
3	Dark Grass Blue	<i>Zizeeria karsandra</i>	Chhoi	Lycaenidae
4	Lesser Grass Blue	<i>Zizina otis</i>	Para	Lycaenidae
5	Common Quaker	<i>Neopithecops zalmora</i>	Kori	Lycaenidae
6	Tawny Coster	<i>Acraea terpsicore</i>	Horinchhara	Nymphalidae
7	Common Castor	<i>Ariadne merione</i>	Morchepata	Nymphalidae
8	Plain Tiger	<i>Danaus chrysippus</i>	Tamot	Nymphalidae
9	Striped Tiger	<i>Danaus genutia</i>	Baghballa	Nymphalidae
10	Grey Pansy	<i>Junonia atlites</i>	Chandnori	Nymphalidae
11	Evening Brown	<i>Melanitis leda</i>	Sanjhla	Nymphalidae
12	Tailed Jay	<i>Graphium agamemnon</i>	Choitak	Papilionidae
13	Common Rose	<i>Pachliopta aristolochiae</i>	Alte	Papilionidae
14	Common Mormon	<i>Papilio polytes</i>	Kalim	Papilionidae
15	Western Striped Albatross	<i>Appias libythea</i>	Dhulkapash	Pieridae
16	Eastern Striped Albatross	<i>Appias olferna</i>	Dhulkapash	Pieridae
17	Common Gull	<i>Cepora nerissa</i>	Kuchila	Pieridae
18	Indian Jezebel	<i>Delias eucharis</i>	Hartoni	Pieridae
19	Oriental Psyche	<i>Leptosia nina nina</i>	Furus	Pieridae
20	Indian Wanderer	<i>Pareronia hippia</i>	Tallar	Pieridae
21	Grass Yellow Sp.	<i>Eurema sp.</i>		Pieridae

Table 6: Checklist of Odonates

SI No.	Species	Scientific Name	Local Name	Family
1	Coromandel Marsh Dart	<i>Ceriagrion coromandelianum</i>	Holde Baan	Coenagrionidae
2	Black-tailed Marsh Dart	<i>Ceriagrion fallax</i>	Krishnadoy Baan	Coenagrionidae
3	Indian Common Clubtail	<i>Ictinogomphus rapax</i>	Mugurlyaj	Gomphidae
4	Yellow-tailed Ashy Skimmer	<i>Potamarcha congener</i>	Dhusarbaran	Libellulidae
5	Trumpet-Tail	<i>Acisoma panorpoides</i>	Bipanchi	Libellulidae
6	Scarlet Marsh Hawk	<i>Aethriamanta brevipennis</i>	Raktimsena	Libellulidae
7	Little Blue Marsh Hawk	<i>Brachydiplax sobrina</i>	Nil Bamansena	Libellulidae
8	Ditch Jewel	<i>Brachythemis contaminata</i>	Kamalabaran	Libellulidae
9	Green Marsh Hawk	<i>Orthetrum sabina</i>	Sabujjena	Libellulidae
10	Common Picturewing	<i>Rhyothemis variegata</i>	Titlipaakh	Libellulidae
11	Blue Ground Skimmer	<i>Diplacodes trivialis</i>	Bhubaran	Libellulidae
12	Lesser Green Emperor	<i>Anax guttatus</i>	Sabuj Neel Kanta	Aeshnidae
13	Orange-tailed Marsh Dart	<i>Ceriagrion cerinorubellum</i>	Kesar Baan	Coenagrionidae

Table 7: Checklist of Spiders

Sl.No.	Common Name	Scientific Name	Family
1	Lynx spider	<i>Oxyopes sp.</i>	Oxyopidae
2	Garden tent-web spider	<i>Cyrtophora cicutrosa</i>	Araneidae

Table 8: Checklist of Herpetofauna

Sl.No.	Common Name	Scientific Name	Bengali Name	Family
1	Oriental Garden Lizard	<i>Calotes versicolor</i>	Girgiti	Agamidae
2	Common Toad	<i>Bufo bufo</i>	Kulo Byang	Bufoidea

Table 9: Checklist of Trees

Sl. No.	Local Name	Common Name	Scientific Name	Family	Type
1	Aam	Mango	<i>Mangifera indica</i>	Anacardiaceae	Tree
2	Akashmoni	Golden Shower	<i>Acacia auriculiformis</i>	Fabaceae	Tree
3	Amrah	Wild Mango	<i>Spondias pinnata</i>	Anacardiaceae	Tree
4	Arjun	Arjun	<i>Terminalia arjuna</i>	Combretaceae	Tree
5	Aswatha	Peepul Tree	<i>Ficus religiosa</i>	Moraceae	Tree
6	Bakul	Spanish cherry, Bakul	<i>Mimusops elengi</i>	Caesalpiniaceae	Tree
7	Balla, Lassoaro	Indian Cherry	<i>Cordia dichotoma</i>	Ehretiaceae	Tree
8	Barun	Three-leaved Caper	<i>Crataeva nurvala</i>	Capparidaceae	Tree
9	Cassuarina, Belati-Jhau	Whistling Pine, Casuarina, Common Ironwood	<i>Casuarina equisetifolia</i>	Casuarinaceae	Tree
10	Chikon	Pigeon Wood	<i>Trema orientalis</i>	Cannabaceae	Tree
11	Christmas Tree	Caledonia Pine, Christmas Tree	<i>Araucaria cookii</i>	Arucariaceae	Tree
12	Debdaru	Mast Tree	<i>Monoon longifolium</i>	Annonaceae	Tree
13	Jagga Dumur	Cluster Fig	<i>Ficus glomerata</i>	Moraceae	Tree
14	Jam	Indian Blackberry	<i>Syzygium cumini</i>	Myrtaceae	Tree
15	Jeer Bot	Weeping Fig	<i>Ficus benjamina</i>	Moraceae	Tree
16	Kadam	Kadam	<i>Anthocephalus chinensis</i>	Rubiaceae	Tree
17	Kak Dumur	Fig Tree	<i>Ficus hispida</i>	Moraceae	Tree
18	Kamini	Orange Jasmine	<i>Murraya paniculata</i>	Rutaceae	Tree
19	Kolke ful	Yellow Oleander	<i>Thevetia peruviana</i>	Apocynaceae	Tree
20	Kukurchita, Piplas	Bollygum	<i>Litsea glutinosa</i>	Lauraceae	Tree
21	Kul	Indian Jujube / Ber	<i>Ziziphus mauritiana</i>	Rhamnaceae	Tree
22	Lombu Gachh	East African Mahogany	<i>Khaya anthotheca</i>	Meliaceae	Tree
23	Neem	Neem Tree	<i>Azadirachta indica</i>	Meliaceae	Tree
24	Pakur	White Fig	<i>Ficus infectoria</i>	Moraceae	Tree
25	Palash	Flame Tree	<i>Butea monosperma</i>	Fabaceae	Tree
26	Peyara	Guava	<i>Psidium guajava</i>	Myrtaceae	Tree
27	Shaora	Sand Paper Tree	<i>Streblus asper</i>	Moraceae	Tree
28	Shegun	Burma Teak	<i>Tectona grandis</i>	Verbenaceae	Tree
29	Subabul	Subabul	<i>Leucaena leucocephala</i>	Mimosaceae	Tree

Table 10: Checklist of Shrubs

Sl. No.	Local Name	Common Name	Scientific Name	Family	Type
1	Akanda	Giant Milkweed	<i>Calotropis gigantea</i>	Asclepiadaceae	Shrub
2	Ash shaora, Ban Jamir	Gin Berry	<i>Glycosmis pentaphylla</i>	Rutaceae	Shrub
3	Basak	Malabar Nut, White Vasa	<i>Adhatoda vasica</i>	Acanthaceae	Shrub
4	Basanti	Yellow Buttercups	<i>Turnera ulmifolia</i>	Passifloraceae	Shrub
5	Beli Ful	Jasmine	<i>Jasminum sambac</i>	Oleaceae	Shrub
6	Bhant, Ghetu, Ghantakarna	Hill Glory Bower	<i>Clerodendrum viscosum</i>	Verbenaceae	Shrub
7	Chitrak	Duranta	<i>Duranta repens</i>	Verbenaceae	Shrub
8	Dhutra, Dhutro	Devil's Trumpet, Horn of Plenty	<i>Datura metel</i>	Solanaceae	Shrub
9	Furcraea	Faracraea	<i>Furcraea</i> sp.	Asparagaceae	Shrub
10	Gothbegun, Tita Begun	Turkey Berry	<i>Solanum torvum</i>	Solanaceae	Shrub
11	Kalkasunda	Senna Sophera, Kasunda, Baner	<i>Senna Sophera</i>	Caesalpiniaceae	Shrub
12	Karipata	Curry-leaf	<i>Murraya koenigii</i>	Rutaceae	Shrub
13	Kasunda, Kalkasunda	Kasunda, Baner	<i>Cassia sophera</i>	Caesalpiniaceae	Shrub
14	Lal Varenda	Bellyache Bush	<i>Jatropha gossypifolia</i>	Euphorbiaceae	Shrub
15	Lantana, Putus	Lantana	<i>Lantana camara</i>	Verbenaceae	Shrub
16	Pati Lebu	Lime, Common Lime	<i>Citrus aurantiifolia</i>	Rutaceae	Shrub
17	Pepe	Papaya	<i>Carica papaya</i>	Caricaceae	Shrub
18	Pora Narenga, Panjuli	Roast Potato Plant	<i>Phyllanthus reticulatus</i>	Euphorbiaceae	Shrub
19	Potari	Indian Mallow	<i>Abutilon indicum</i>	Malvaceae	Shrub
20	Rangan	Ixora	<i>Ixora singaporensis</i>	Rubiaceae	Shrub
21	Salparni	Salparni	<i>Desmodium gangeticum</i>	Fabaceae	Shrub
22	Swet Berela	Arrowleaf-leaf Sida	<i>Sida rhomboidea</i>	Malvaceae	Shrub
23	Swet Jhanti	White Philippine Violet	<i>Barleria cristata</i>	Acanthaceae	Shrub
24	Tibraghandha/ Tivra Gandha	Siam Weed/ Bitter Bush	<i>Chromolaena odorata</i>	Asteraceae	Shrub

Table 11: Checklist of Herbs

Sl. No.	Local Name	Common Name	Scientific Name	Family	Type
1	Amrul Saak, Amboli	Yellow Woodsorrel	<i>Oxalis corniculata</i>	Oxalidaceae	Herb
2	Annagandha	Fragrant Pandan	<i>Pandanus amaryllifolius</i>	Pandanaceae	Herb
3	Apang	Achyranthes	<i>Achyranthes aspera</i>	Amaranthaceae	Herb
4	Ayapan	Ayapan	<i>Eupatorium triplinerve</i>	Asteraceae	Herb
5	Ban Botamful	Prostrate Globe Amaranth	<i>Gomphrena serrata</i>	Amaranthaceae	Herb
6	Ban Dhone, Mitha Pata	Sweet Broom Weed, Sweet Broom Wort	<i>Scoparia dulcis</i>	Scrophulariaceae	Herb
7	Ban Kochu	Taro	<i>Colocasia esculenta</i>	Araceae	Herb
8	Ban Notey	Amaranthus	<i>Amaranthus viridis</i>	Amaranthaceae	Herb
9	Ban Okra, Okra, Bichhafol	Common Cocklebur	<i>Xanthium strumarium</i>	Asteraceae	Herb
10	Ban Palong	Jungli Palang	<i>Rumex dentatus</i>	Polygonaceae	Herb
11	Ban Sarisha, Bilari	Indian Cress	<i>Nasturtium indicum</i>	Brassicaceae	Herb
12	Ban Tamak	Wild Tobacco	<i>Nicotiana plumbaginifolia</i>	Solanaceae	Herb
13	Ban Tepariya	Ground Cherry, Sun Berry	<i>Physalis minima</i>	Solanaceae	Herb
14	Ban Tulsi, Dakate Pata	Ban Tulsi	<i>Croton bonplandianum</i>	Euphorbiaceae	Herb
15	Barmi Shak	Alternanthera	<i>Alternanthera philoxeroides</i>	Amaranthaceae	Herb
16	Baro Dudhi, Khirika	khirika	<i>Euphorbia hirta</i>	Euphorbiaceae	Herb
17	Baro Kansur, Nagdamini	Giant Crinum Lily	<i>Crinum asiaticum</i>	Amaryllidaceae	Herb
18	Bhimra	Chinese Wedelia	<i>Wedelia chinensis</i>	Asteraceae	Herb
19	Bhuiokra	Frog Fruit, Turkey Tangle, Creeping Lip Plant	<i>Phyla nodiflora</i>	Verbenaceae	Herb
20	Dumpa, Piparisari	Graceful Pouzalz's Bush	<i>Pouzolzia zeylanica</i>	Urticaceae	Herb
21	Gima Sak	Jima	<i>Glinus oppositifolius</i>	Molluginaceae	Herb
22	Gnaphalium	Gnaphalium	<i>Gnaphalium indicum</i>	Asteraceae	Herb
23	Hatisur	Indian heliotrope, Indian Turnsole	<i>Heliotropium indicum</i>	Boraginaceae	Herb
24	Hazarmoni, Bhuiamla	Seed-under-leaf	<i>Phyllanthus niruri</i>	Euphorbiaceae	Herb
25	Hurhuria, Makorful	Asian spider flower, Yellow spider flower	<i>Cleome viscosa</i>	Capparidaceae	Herb

Sl. No.	Local Name	Common Name	Scientific Name	Family	Type
26	Jui-lata	Bengal Shrub-Mint	<i>Pogostemon benghalensis</i>	Lamiaceae	Herb
27	Kakmachhi	Black Nightshade	<i>Solanum nigrum</i>	Solanaceae	Herb
28	Kansira, Kanchhira	Commelina	<i>Commelina benghalensis</i>	Commelinaceae	Herb
29	Kesuti	False Daisy	<i>Eclipta prostrata</i>	Asteraceae	Herb
30	Khetpapra	Diamond Flower	<i>Oldenlandia paniculata</i>	Rubiaceae	Herb
31	Kodialia	Creeping Tickfoil	<i>Desmodium triflorum</i>	Fabaceae	Herb
32	Kukurshonga	Lettuce-Leaf Blumea, Blumea	<i>Blumea lacera</i>	Asteraceae	Herb
33	Kulanjan	Galangal	<i>Alpinia galanga</i>	Zingiberaceae	Herb
34	Lal Shepune, Punarnova	Punarnova	<i>Boerhavia diffusa</i>	Nyctaginaceae	Herb
35	Lata Berela	Heart-leaf Sida	<i>Sida cordata</i>	Malvaceae	Herb
36	Lonka	Green Chilli, Capsicum	<i>Capsicum annuum</i>	Solanaceae	Herb
37	Maratitinge	Toothache Plant, Para Cress	<i>Spilanthes acmella</i>	Compositae	Herb
38	Mithapata	Sweet Broom	<i>Scoparia dulcis</i>	Scrophulariaceae	Herb
39	Muktojhuri	Indian Copperleaf	<i>Acalypha indica</i>	Euphorbiaceae	Herb
40	Mutha	Coco-grass	<i>Cyperus rotundus</i>	Cyperaceae	Herb
41	Mutha	Coco-grass	<i>Cyperus rotundus</i>	Cyperaceae	Herb
42	Namuti	Madras Carpet	<i>Grangea maderaspatana</i>	Asteraceae	Herb
43	Neel Hurhure	Fringed Spider Flower	<i>Cleome rutidosperma</i>	Cleomaceae	Herb
44	Palang	Spinach	<i>Spinacia oleracea</i>	Amaranthaceae	Herb
45	Parthenium	Famine Weed	<i>Parthenium hysterophorus</i>	Asteraceae	Herb
46	Patharkuchi	Patharkuchi	<i>Bryophyllum pinnata</i>	Crassulaceae	Herb
47	Ruellia	Bell Weed, Prostrate Wild Petunia	<i>Ruellia prostrata</i>	Acanthaceae	Herb
48	Sachisak, Chanchi	Stalkless Joyweed, Sessile Joyweed	<i>Alternanthera sessilis</i>	Amaranthaceae	Herb
49	Sada Kantikari, Kanta Bagun	Sticky Nightshade, Bitter Apple	<i>Solanum sisymbriifolium</i>	Solanaceae	Herb
50	Sahadebi	Sahadebi	<i>Vernonia cinerea</i>	Asteraceae	Herb
51	Siyalkanta	Mexican Prickly Poppy, Mexican poppy	<i>Argemone mexicana</i>	Papaveraceae	Herb
52	Thankuni	Asiatic pennywort	<i>Centella asiatica</i>	Apiaceae	Herb
53	Tikiokra	Chocolate Weed	<i>Melochia corchorifolia</i>	Sterculiaceae	Herb
54	Tulsi	Holy Basil, Tulsi	<i>Ocimum tenuiflorum</i>	Lamiaceae	Herb

Table 12: Checklist of Climbers

Sl. No.	Local Name	Common Name	Scientific Name	Family	Type
1	Anantamul	Anantamul	<i>Hemidesmus indicus</i>	Asclepiadaceae	Climber
2	Aparajita	Butterfly Pea	<i>Clitoria ternatea</i>	Fabaceae	Climber
3	Bhumishusni, Bhuikamri	Roundleaf Bindweed	<i>Evolvulus nummularius</i>	Convolvulaceae	Climber
4	Birbut	Alyce Clover	<i>Alysicarpus vaginalis</i>	Fabaceae	Climber
5	Chhoto Gaylalota, Amal lata	Bush Grape	<i>Cayratia trifolia</i>	Vitaceae	Climber
6	Gulancha lata	Gulanchalata	<i>Tinospora cordifolia</i>	Menispermaceae	Climber
7	Harjora, Harbhanga	Devil's Backbone	<i>Cissus quadrangularis</i> Linn.	Vitaceae	Climber
8	Idurkani, Buri Guapan	Hemigraphis	<i>Hemigraphis hirta</i>	Acanthaceae	Climber
9	Joljamani, Dadaya	Broom Creeper, Ink berry	<i>Cocculus hirsutus</i>	Menispermaceae	Climber
10	Kurakolmi	Small Morning Glory, Obscure Morning Glory	<i>Ipomoea obscura</i>	Convolvulaceae	Climber
11	Lata Futki, Shibjhul	Balloon Vine	<i>Cardiospermum halicacabum</i>	Sapindaceae	Climber
12	Nimukhi lata, Aknadi, Rajpatha	Tape Vine	<i>Stephania japonica</i>	Menispermaceae	Climber
13	Rabon Lata	Chinese creeper	<i>Micania micrantha</i>	Asteraceae	Climber
14	Satamuli	Satawari, Buttermilk Root, Climbing Asparagus	<i>Asparagus racemosus</i>	Asparagaceae	Climber
15	Telakucha	Ivy Gourd	<i>Coccinia grandis</i>	Cucurbitaceae	Climber

Table 13: Checklist of Grass

Sl. No.	Local Name	Common Name	Scientific Name	Family	Type
1	Chepti Ghas	Common Carpetgrass	<i>Axonopus</i> sp.	Poaceae	Grass
2	Durba Ghash	Durba	<i>Cynodon dactylon</i>	Poaceae	Grass
3	Jal Kathi Ghas	Running Mountain Grass	<i>Oplismenus compositus</i>	Poaceae	Grass
4	Jol Shyama Ghas	Jungle Rice	<i>Echinochloa colona</i>	Poaceae	Grass
5	Kedo Ghash	Kodo millet	<i>Paspalum scrobiculatum</i>	Poaceae	Grass
6	Makra	Crowfoot Grass	<i>Dactyloctenium</i> sp.	Poaceae	Grass
7	Mini Kash, Ullu ghas	Cogon Grass	<i>Imperata cylindrica</i>	Poaceae	Grass
8	Pothika Gaddi	Pothika Gaddi	<i>Eragrostis tenella</i>	Poaceae	Grass

Table 14: Checklist of Ornamental Plants

Sl. No.	Local Name	Common Name	Scientific Name	Family	Type
1	Agav, Kantala	Agave	<i>Agave americana</i>	Agavaceae	Ornamental Plant
2	Agleonema sp.	Chinese evergreens	<i>Aglaonema</i> sp.	Araceae	Ornamental Plant
3	Boat Lyli, Rhoeo	Rhoeo, Moses-in-the-cradle	<i>Tradescantia spathacea</i>	Commelinaceae	Ornamental Plant
4	Chiruni Palm	Sago Palm	<i>Cycas revoluta</i>	Cycadaceae	Ornamental Plant
5	Dieffenbachia	Dieffenbachia	<i>Dieffenbachia</i> Sp.	Araceae	Ornamental Plant
6	Dracaena	Dragon Tree	<i>Dracaena mahatma</i>	Asparagaceae	Ornamental Plant
7	Ganda	Marigold	<i>Tagetes erecta</i>	Asparagaceae	Ornamental Plant
8	Ghreetakumari	Aloe Vera	<i>Aloe barbadensis</i>	Liliaceae	Ornamental Plant
9	Golap	Rose	<i>Rosa</i> sp. Var.	Rosaceae	Ornamental Plant
10	Jhaw	Thuja	<i>Thuja orientalis</i>	Cupressaceae	Ornamental Plant
11	Joba	Chinese Rose	<i>Hibiscus rosa sinensis</i>	Malvaceae	Ornamental Plant
12	Lal Bishalyakarani	Joseph's Coat	<i>Alternanthera dentata</i>	Amaranthaceae	Ornamental Plant

Sl. No.	Local Name	Common Name	Scientific Name	Family	Type
13	Ming aralia	Ming aralia	<i>Polyscias fruticosa</i>	Araliaceae	Ornamental Plant
14	Nayantara	Vinca	<i>Vinca rosea</i>	Apocynaceae	Ornamental Plant
15	Patabahar	Croton	<i>Codiaeum sp.</i>	Euphorbiaceae	Ornamental Plant
16	Philodendron	Philodendron	<i>Philodendron sp.</i>	Araceae	Ornamental Plant
17	Ribbon Grass	Blue Flax Lily	<i>Dianella sp.</i>	Asparagaceae	Ornamental Plant
18	Sanseveria	Sanseveria	<i>Sanseveria sp.</i>	Asparagaceae	Ornamental Plant
19	Syngonium	African evergreen	<i>Syngonium podophyllum</i>	Araceae	Ornamental Plant

Table 15: Checklist of Palm

Sl. No.	Local Name	Common Name	Scientific Name	Family	Type
1	Areca Palm	Areca Palm	<i>Dyopsis lutescens</i>	Arecaceae	Palm
2	Chinese Fan Palm	Chinese Fan Palm	<i>Livistona chinensis</i>	Arecaceae	Palm
3	Khejur	Indian Datepalm	<i>Phoenix sylvestris</i>	Arecaceae	Palm
4	Narkel	Coconut	<i>Cocos nucifera</i>	Arecaceae	Palm
5	Supuri	Areca	<i>Areca catechu</i>	Arecaceae	Palm

Table 16: Checklist of Mangrove

Sl. No.	Local Name	Common Name	Scientific Name	Family	Type
1	Sundari	Looking Glass Mangrove, Sundarban mangrove	<i>Heritiera fomes</i>	Sterculiaceae	Mangrove

Table 17: Checklist of Aquatic Plants

Sl. No.	Local Name	Common Name	Scientific Name	Family	Type
1	Kolmi Saak	Ipomoea	<i>Ipomoea aquatica</i>	Convolvulaceae	Aquatic Plant

Table 18: Checklist of Fern

Sl. No.	Local Name	Common Name	Scientific Name	Family	Type
1	Fern Sp.	Swordfern	<i>Nephrolepis Sp.</i>	Nephrolepidaceae	Fern

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Photo Gallery

Some major plants in the campus:



Abutilon indicum



Argemone mexicana



Boerhavia diffusa



Cleome viscosa



Clerodendrum viscosum



Coccinia grandis



Desmodium gangeticum



Evolvulus nummularius



Glycosmis pentaphyla



Heliotropium indicum



Hemidesmus indicus



Hemigraphis hirta



Heritiera fomes



Ipomoea aquatic



Melochia corchorifolia



Murraya koenigii



Nerium oleander



Nicotiana plumbaginifolia



Phyla nodiflora



Ruellia prostrata



Scoparia dulcis



Solanum sisymbriifolium

Some common birds in the campus:



Asian Koel



Black Drongo



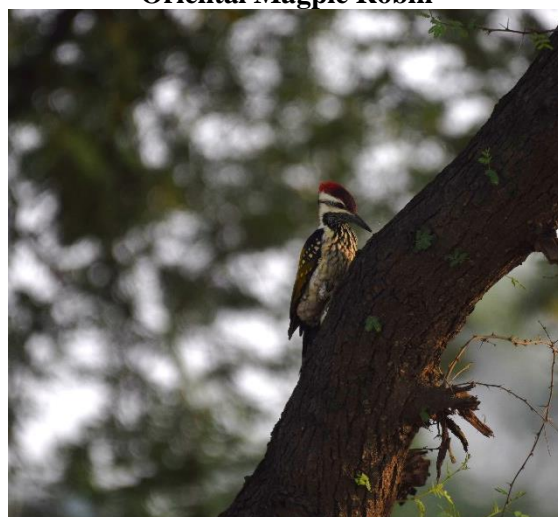
White-throated Kingfisher



Oriental Magpie Robin



Coppersmith barbet



Black-rumped Flameback



Common Myna



Yellow-footed Green Pigeon



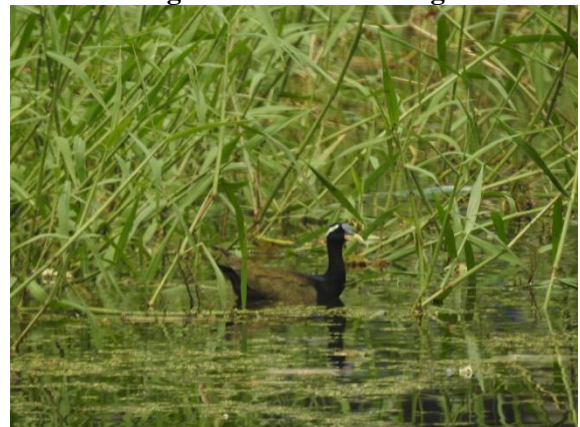
Taiga Flycatcher



Orange-breasted Green Pigeon



Purple Sunbird



Bronze-winged Jacana

Some common butterflies in the campus:



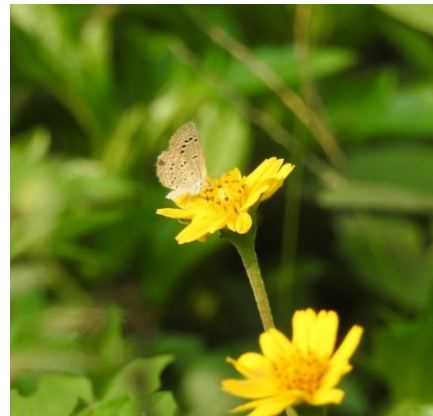
Grey Pansy



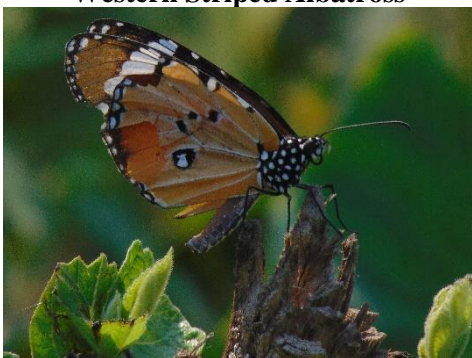
Lesser Grass Blue



Western Striped Albatross



Dark Grass Blue



Plain Tiger



Common Quaker



Indian Jezebel



Common Rose

Some common odonates in the campus:



Common Clubtail



Common Picture Wing



Coromandel Marsh Dart



Little Blue Marsh Hawk



Rufous Marsh Glider



Black Marsh Dart



Green Marsh Hawk



Granite Ghost