

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



**Prepared and submitted by:
Mariani College**

Criterion 7	Key Indicator: 7.1
Institutional values and Best Practices	Institutional values and social responsibilities
Metric Number: 7.1.2	The Institution has facilities and initiatives for 1.Alternate sources of energy and energy conservation measures 2.Management of the various types of degradable and nondegradable waste 3.Water conservation 4.Green campus initiatives 5.Disabled-friendly, barrier free environment

B. B. B. B.
COORDINATOR, IQAC CELL
Mariani College, Mariani



A. A. A. A.
Principal
Mariani College, Mariani



ALTERNATE SOURCE OF ENERGY AND ENERGY CONSERVATION MEASURES



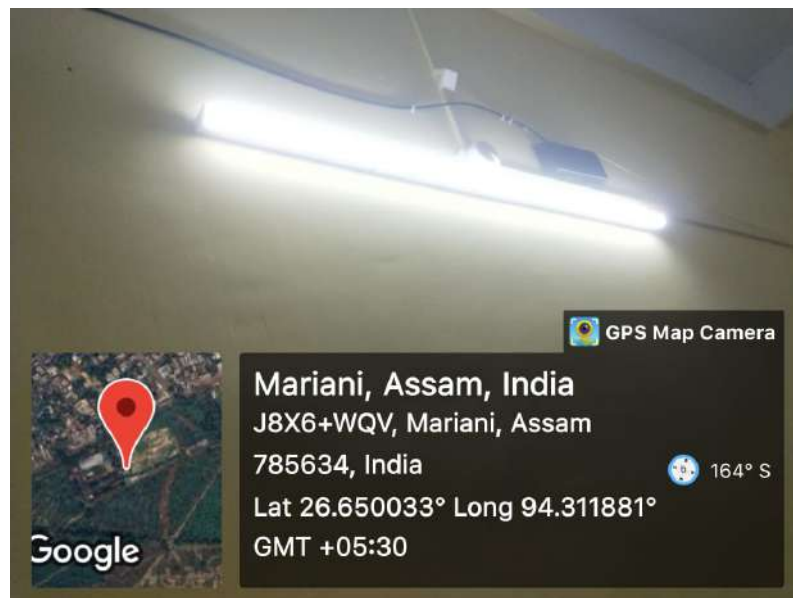
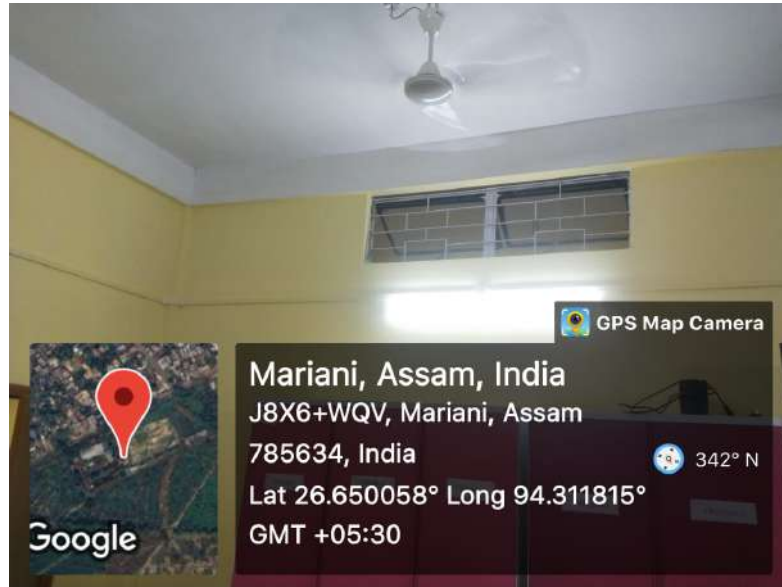
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COORDINATOR, IQAC CELL
Mariani College, Mariani



Jhordanalla
Principal
Mariani College, Mariani



ALTERNATE SOURCE OF ENERGY AND ENERGY CONSERVATION MEASURES



Bhramari
COORDINATOR, IQAC CELL
Mariani College, Mariani



Ahmedulla
Principal
Mariani College, Mariani

ALTERNATE SOURCE OF ENERGY AND ENERGY CONSERVATION MEASURES

The college is committed to the use renewable energy and hence both the campuses are installed with solar-powered street lights with the assistance from Government Bodies.



Bhramari
COORDINATOR, IQAC CELL
Mariani College, Mariani



Jhordanalla
Principal
Mariani College, Mariani



Energy Conservation and Awareness Drive by Student Union

To create awareness of energy conservation among students, the student union of Mariani College used to issue circulars to students for taking necessary measures from time to time. They are asked to power-off lights and fans while not required. (Appendices- I & II)

Use of LED in the College

In order to minimize the unit of electricity consumption in college campus, LED bulbs and LED tube lights are being used and also energy efficient electronic equipment are used.


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Mariani College, Mariani




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Mariani College, Mariani



MANAGEMENT OF VARIOUS TYPES OF DEGRADABLE AND NON DEGRADABLE WASTE



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COORDINATOR, IQAC CELL
Mariani College, Mariani



Ahmedulla
Principal
Mariani College, Mariani

10. Waste Management

Laboratory Waste Disposal

Solid wastes which are not biodegradable viz., plastic material, glassware etc are sent for re-cycling. Biodegradable wastes are dumped in to pits and when dicomposed are applied to plants in college campus. Organic wastes are applied into the vermicomposting pits. Liquid wastes are disposed in to pits dug out on reserved and protected area and covered by soil.



Plastic & Glassware waste are sent for recycling (a regular practice for clean & green environemt)



Plastic & Glassware waste are sent for recycling (a regular practice for clean & green environemt)

Bhramari
COORDINATOR, IQAC CELL
Mariani College, Mariani



Prasanna
Principal
Mariani College, Mariani



Liquid chemical waste disposal



Bhramari
COORDINATOR, IQAC CELL
Mariani College, Mariani



Jhordanalla
Principal
Mariani College, Mariani

RAIN WATER HARVESTING SYSTEM

College is equipped with a giant 3000 litre capacity reservoir to collect rain water collected from its roof tops in the new campus. As a monsoon region it is very much capable to collect water during summer season



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COORDINATOR, IQAC CELL
Mariani College, Mariani



Ahmedulla
Principal
Mariani College, Mariani



Other Water Management practices

To meet the basic requirement of water supply in College campus is mainly dependent on

1. Deep tube well (Submersible Pump)
2. Rainwater Harvesting System

To fulfil the need for drinking water the college is well equipped with electric water purifiers, RO filters and a dedicated drinking water facility. Drinking water of both the campuses are analyzed regularly in Government Laboratory of Public Health Engineering Department, Jorhat Division, Govt. of Assam.

Old Campus – the water analysis report are available in Appendices III & IV.

New Campus – the water analysis report are available in Appendices V & VI.



Sand water filter system



R. O. water filter system

Bhramari
COORDINATOR, IQAC CELL
Mariani College, Mariani



Ahmedulla
Principal
Mariani College, Mariani



GREEN CAMPUS INITIATIVES OF THE COLLEGE

2.1 Environmental policy of the college

Mariani College is situated in the historic Jorhat district of Assam is a pioneer institute of higher education of the locality. And as an environment-conscious college, every stakeholder of the college performs green practice.

Environmental policy of the college as follows:

1. To create awareness among students and local community regarding the importance of a green, clean and sustainable environment.
2. To plant and look after more and more trees.
3. To make pollution and plastic-free campus.
4. To utilize rainwater with the help of a rainwater harvesting system.
5. To minimize the use of paper by using digital platforms.


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Awareness Programme and Tree Plantation Programme

The college has been regularly conducting programmes like tree plantation and cleanliness drives with the volunteer support of teachers, staff, students, NCC and NSS units for maintaining and protecting their environment.



World environment day programme amongst school students



CM tree plantation programme

Bhramari
COORDINATOR, IQAC CELL
Mariani College, Mariani



Jhordanalla
Principal
Mariani College, Mariani





CM plantation programme

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CM plantation programme



*Figure 3. (g)
CM plantation programme*



*Figure 3. (h)
CM plantation programme by Commerce Department*

B. B. B. B.
COORDINATOR, IQAC CELL
Mariani College, Mariani.



A. A. A. A.
Principal
Mariani College, Mariani.



Sustainable Green Land Use Activities:

Plantation Drive- To increase the number of trees within and outside of the college campuses, plantation drives are being held from time to time. Particularly on the occasion National Science Day (28th February), World Environment Day (5TH June), Teachers Day (5th September), NCC Day etc.

Vermicompost Pit- To avoid and to minimize chemical-based fertilizer and to promote sustainable agriculture practice among students & local community, the Zoology department is running two vermicompost pits in the science campus. Mariani College fulfills its organic manure needs from these two pits.



Inaguration of Vermicompost project

Bhramari
COORDINATOR, IQAC CELL
Mariani College, Mariani



Ahmedulla
Principal
Mariani College, Mariani



Botanical cum Herbal Garden- To make students and community people aware of plant biodiversity, ecological & medicinal importance of plants and to conserve rare plants, a botanical garden is being established by college authority and maintained by the Botany department from 2022.



Plantation in Botanical garden by Principal (i/o) Dr. M. Borahakur



Inauguration of Botanical garden by Principal (i/o) Dr. M. Borahakur

Borahakur
COORDINATOR, IQAC CELL
Mariani College, Mariani



Borahakur
Principal
Mariani College, Mariani



Botanical cum Herbal Garden



B. B. B. B.
COORDINATOR, IQAC CELL
Mariani College, Mariani



A. A. A. A.
Principal
Mariani College, Mariani



Plantation Drive by students



Figure 4 (i)



Tea plantation plot in Botanical garden

Kalita, Scientist (CSIR-


COORDINATOR, IQAC CELL
Mariani College, Mariani





Principal
Mariani College, Mariani

5.1 Plant-diversity (old campus) :

SL. No.	Common Name	Scientific Name	Family
1	Curry Leaf Tree	<i>Murraya koenigii (L.) Sprengel</i>	Rutaceae
2	Banyan Tree	<i>Ficus benghalensis L</i>	Moraceae
3	Dodder	<i>Cuscuta europaea L</i>	Cuscutaceae
4	Kachlora	<i>Archidendron bigeminum L</i>	Fabaceae
5	Fiery Costus	<i>Chamaecostus cuspidatus</i>	Costaceae
6	Taro	<i>Colocasia esculenta (L.) Schoff</i>	Araceae
7	Lemon	<i>Citrus lemon (L.) Osbeck</i>	Rutaceae
8	Betel-nut Palm	<i>Areca catechu l.</i>	Areaceae
9	Sickle Senna	<i>Cassia tora L.</i>	Fabaceae
10	Butterfly Pea	<i>Clitoria ternatea L.</i>	Fabaceae
11	Kadam Tree	<i>Anthocephalus cadambo (Roxb.). Miq.</i>	Rubiaceae
12	Goose Grass	<i>Elusine indica L.</i>	Poaceae
13	Corn Mint	<i>Mentha arvensis (L.)</i>	Lamiaceae
14	Ashoka	<i>Polyalthia longifolia Sonn.</i>	Annonaceae
15	Jackfruit	<i>Artocarpus heterophyllus Lam.</i>	Moraceae
16	Mango	<i>Mangifera indica L.</i>	Anacardiaceae
17	Indian Jujube	<i>Ziziphus mauritiana Lam.</i>	Rhamnaceae
18	Cluster Fig	<i>Ficus racemosus L.</i>	Moraceae
19	Java Plum	<i>Syzygium cumini L.</i>	Myrtaceae
20	Tanjong Tree	<i>Mimusops elengi L.</i>	Sapotaceae
21	Ceylon Olive	<i>Elaeocarpus serratus L.</i>	Elaeocarpaceae
22	Royal Poinciana	<i>Delonix regia Raf.</i>	Fabaceae
23	Yellow Flame	<i>Peltophorum pterocarpum (DC.) K. Heyne</i>	Fabaceae
24	Indian Trumpet	<i>Oroxylon indicum (L.) Benth. es kurz</i>	Bignoniaceae
25	Drumstick Tree	<i>Moringa oleifera Lam.</i>	Moringaceae
26	Litchi Tree	<i>Litchi chinensis (Sonn.)</i>	Sapindaceae
27	Agar Wood	<i>Aquilaria malaccensis Lam.</i>	Thymelaeaceae
28	Golden Shower Tree	<i>Cassia fistula</i>	Fabaceae
29	Kasunda	<i>Cassia sophera</i>	Fabaceae
30	Aloe Vera	<i>Aloe vera (L.) Burm. F.</i>	Asphodelaceae
31	Indian Pennywort	<i>Centella asiatica(L.) Urban</i>	Apiaceae
32		<i>Clarendendron odoratum Roxb.</i>	
33	Red sage	<i>Lantana camera L.</i>	Verbenaceae
34	Sadabahar	<i>Catharanthus roseus (L.) G. Don.</i>	Apocynaceae
35	Life Plant	<i>Kalanchoe pinnata (Lam.) Pers.</i>	Crassulaceae
36	Queen's Flower	<i>Lagerstroemia speciosa (L.) Pers.</i>	Lythraceae


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37	Datura	<i>Datura stramonium L.</i>	Solanaceae
38	Brihati	<i>Solanum indicumL.</i>	Solanaceae
39	Black Nightshade	<i>Solanum nigrumL.</i>	Solanaceae
40	Hibiscus	<i>Hibiscus rosa-sinensis L.</i>	Malvaceae
41	Giant Dodder	<i>Cuscuta reflexa Roxb.</i>	Convolvulaceae
42	Giloy	<i>Tinospora cordifolia (Thunb.) Miers</i>	Menispermaceae
43	Nut Grass	<i>Cyperus rotundusL.</i>	Cyperaceae


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SL. No.	Common Name	Scientific Name	Family
44	Spiny Amaranth	<i>Amaranthus spinosus L.</i>	Amaranthaceae
45	Turmeric	<i>Curcuma longaL.</i>	Zingiberaceae
46	Indian Oleander	<i>Nerium oleander L.</i>	Apocynaceae
47	Four O' Clock	<i>Mirabilis jalapa L.</i>	Nyctaginaceae
48	White Weed	<i>Ageratum conyzoidesL.</i>	Asteraceae
49	False Shamrock	<i>Oxalis corymbosa</i>	Oxalidaceae
50	Spadeleaf	<i>Centella asiatica (L.) Urban</i>	Apiaceae
51	Pea Eggplant	<i>Solanum torvum Ws.</i>	Solanaceae
52	Asthma Weed	<i>Euphorbia hirtaL.</i>	Euphorbiaceae
53	Tulsi	<i>Ocimum sanctum L.</i>	Lamiaceae
54	Minute Weed	<i>Mikania micrantha Kunth</i>	Asteraceae
55	Thumbai	<i>Leucas aspera (Willd.) Link</i>	Lamiaceae
56	Water Willow	<i>Justicia simplexD. Don</i>	Acanthaceae
57	Durva Grass	<i>Cynodon dactylon(L.)Pers.</i>	Poaceae
58	Rough Cocklebur	<i>Xanthium strumarium L.</i>	Asteraceae
59	Carpet Weed	<i>Alternanthera sessilis (L.) R.Br. ex DC.</i>	Amaranthaceae
60	Tropical Chickweed	<i>Drymaria cordata (L.) Willd</i>	Caryophyllaceae
61	Vegetable Fern	<i>Diplazium esculentum (Retz.) Sw.</i>	Athyriaceae
62	Water Pepper	<i>Persicaria hydropiper (L.)</i>	Polygonaceae
63	Love Grass	<i>Chrysopogon aciculatus (Retz.) Trim.</i>	Poaceae
64	Brush Orchid	<i>Aerides odorata</i>	Orchidaceae
65	Rosy Fox Brush Orchid	<i>Aerides rosea</i>	Orchidaceae
66	Bamboo Orchid	<i>Arundina graminifolia</i>	Orchidaceae
67	Acampe Orchid	<i>Acampe papillosa</i>	Orchidaceae
68	Rothschild's Bulbophyllum	<i>Bulbophyllum rothschildianum</i>	Orchidaceae
69	Hooded Orchid	<i>Dendrobium aphyllum</i>	Orchidaceae
70	Musky-Smelling Dendrobium	<i>Dendrobium moschatum</i>	Orchidaceae
71	Fried Egg Orchid	<i>Dendrobium chryotoxum</i>	Orchidaceae
72	Jenkin's Dendrobium	<i>Dendrobium jenkinsii</i>	Orchidaceae
73	Fringe-Lipped Dendrobium	<i>Dendrobium fimbriatum</i>	Orchidaceae
74	Golden Yellow Flowered Dendrobium	<i>Dendrobium chrysanthum</i>	Orchidaceae
75	Primerose Yellow Dendrobium	<i>Dendrobium primulinum</i>	Orchidaceae
76	Foxtail Orchid	<i>Rhynchostylis retusa</i>	Orchidaceae
77	Grey Orchid	<i>Vanda tessellate</i>	Orchidaceae
78	Aloe-Leafed Cymbidium	<i>Cymbidium aloifolium</i>	Orchidaceae
79	Greater Swamp Orchid	<i>Phaius tankervilleae</i>	Orchidaceae
80	Christmas Orchid	<i>Calanthe musuka</i>	Orchidaceae
81	Cylindrical Vanda	<i>Papilionanthe teres</i>	Orchidaceae
82	Fading Dendrobium	<i>Flickingeria fugax</i>	Orchidaceae

5.2 Plant-diversity in Botanical Garden(old campus) :

SL. No.	Scientific Name	Common Name	Family
1	<i>Ocimum tenuiflorum</i>	Holy Basil	Lamiaceae
2	<i>Mirabilis jalapa</i>	Four o' Clocks	Nyctaginaceae
3	<i>Coleus scutellarioides</i>	Painted Nettle	Lamiaceae
4	<i>Tradescantia spathacea</i>	Boat Lily	Commelinaceae
5	<i>Tradescantia zebrina</i>	Zebra Plant	Commelinaceae
6	<i>Laurus nobilis</i>	Bay Laurel	Lauraceae
7	<i>Pilea depressa</i>	Pistol Plant	Urticaceae
8	<i>Datura stramonium</i>	Jimsonweed	Solanaceae
9	<i>Chamaecyparis lawsoniana</i>	Lawson Cypress	Cupressaceae
10	<i>Kalanchoe pinnata</i>	Life Plant	Crassulaceae
11	<i>Cunninghamia lanceolata</i>	China fir	Cupressaceae
12	<i>Saribus rotundifolius</i>	Fan Palm	Arecaceae
13	<i>Aloe barbadensis</i>	Aloe Vera	Asphodelaceae
14	<i>Cordyline fruticosa</i>	Good Luck Plant	Asparagaceae
15	<i>Arenga engleri</i>	Formosa Palm	Arecaceae
16	<i>Hibiscus rosa-sinensis</i>	Hibiscus	Malvaceae
17	<i>Corchorus olitorius</i>	Indian Jute	Malvaceae
18	<i>Ocimum gratissimum</i>	African Basil	Lamiaceae
19	<i>Cinnamomum verum</i>	Cinnamon	Lauraceae
20	<i>Litchi chinensis</i>	Lychee	Sapindaceae
21	<i>Nerium oleander</i>	Nerium	Apocynaceae
22	<i>Mesembryanthemum tortuosum</i>	Kanna	Aizoaceae
23	<i>Jasminum multiflorum</i>	Star Jasmine	Oleaceae
24	<i>Citrus limon</i>	Lemon	Rutaceae
25	<i>Azadirachta indica</i>	Neem	Meliaceae
26	<i>Phyllanthus emblica</i>	Indian gooseberry	Phyllanthaceae
27	<i>Amaranthus spinosus</i>	Spiny Amaranth	Amaranthaceae
28	<i>Chamaecostus cuspidatus</i>	Spiral Flag	Costaceae
29	<i>Manilkara zapota</i>	Sapodilla	Sapotaceae
30	<i>Colocasia esculenta</i>	Taro	Araceae
31	<i>Musa veluntina</i>	Velvet Pink Banana	Musaceae
32	<i>Murraya koenigii</i>	Curry Leaf Tree	Rutaceae
33	<i>Urtica dioca</i>	Stinging Nettle	Urticaceae
34	<i>Carica papaya</i>	Papaya	Caricaceae
35	<i>Citrus aurantifolia</i>	Key Lime	Rutaceae
36	<i>Citrus limetta</i>	Mousami	Rutaceae
37	<i>Capsicum chinense</i>	Habanero Pepper	Solanaceae
38	<i>Pandanus tectorius</i>	Screw Pine	Pandanaceae

39	<i>Citrus jambhiri</i>	Rough Lemon	Rutaceae
40	<i>Cynodon dactylon</i>	Bermuda Grass	Poaceae
41	<i>Syzygium cumini</i>	Java Plum	Myrtaceae
42	<i>Piper nigrum</i>	Black Pepper	Piperaceae
43	<i>Psidium guajava</i>	Guava	Myrtaceae

SL. No.	Scientific Name	Common Name	Family
44	<i>Punica granatum</i>	Pomegranate	Lythraceae
45	<i>Phyllanthus acidus</i>	Malay Gooseberry	Phyllanthaceae
46	<i>Prunus persica</i>	Peach	Rosaceae
47	<i>Camellia sinensis</i>	Tea Plant	Theaceae
48	<i>Oxalis corniculata</i>	Creeping Woodsorrel	Oxalidaceae
49	<i>Coccinia grandis</i>	Ivy Gourd	Cucurbitaceae
50	<i>Alternanthera sessilis</i>	Carpet Weed	Amaranthaceae
51	<i>Cassia tora</i>	Sicklepod	Fabaceae
52	<i>Mentha spicata</i>	Spearmint	Lamiaceae
53	<i>Lobelia chinensis</i>	Creeping Lobelia	Campanulaceae
54	<i>Ricinus communis</i>	Castor Plant	Euphorbiaceae
55	<i>Sambucus nigra</i>	European Elder	Adoxaceae
56	<i>Terminalia catappa</i>	Sea Almond	Combretaceae
57	<i>Gossypium hirsutum</i>	Cotton	Malvaceae
58	<i>Clitoria ternatea</i>	Butterfly Pea	Fabaceae
59	<i>Capsella bursa-pastoris</i>	Shepherd's Purse	Brassicaceae
60	<i>Tabernaemontana divaricata</i>	Pinwheel Flower	Apocynaceae
61	<i>Dracaena trifasciata</i>	Snake Plant	Asparagaceae
62	<i>Dracaena fragrans</i>	Corn Palm	Asparagaceae

5.3 Plant-diversity (New campus) :

SL. No.	Common Name	Scientific Name	Family
1	Indian Siris	<i>Albizia labbek</i>	Fabaceae
2	Mahogany	<i>Swietenia mahagoni</i>	Meliaceae
3	Royal Poinciana	<i>Delonix regia (Boj. Ex Hook) Ref.</i>	Fabaceae
4	Guava	<i>Psidium gujava L.</i>	Myrtaceae
5	White Willow	<i>Salix alba L.</i>	Salicaceae
6	Common Plum	<i>Prunus domestica L.</i>	Rosaceae
7	Papaya	<i>Carica payaya L.</i>	Caricaceae
8	Messmate Stringybark	<i>Eucalyptus oblique L' Her.</i>	Myrtaceae
9	Banyan	<i>Ficus benghalensis L.</i>	Moraceae
10	Traveller's Tree	<i>Ravenala madagascariensis Sonn.</i>	Sterlitzaceae
11	White Teak	<i>Gmelina arborea Roxb.</i>	Lamiaceae
12	Teak Tree	<i>Teaktona grandis L. f.</i>	Lamiaceae
13	Indian Pulai	<i>Alostonia scholaris (L.) R. Br.</i>	Apocynaceae
14	Arjun Tree	<i>Terminalia arjuna (Roxb.) Wight & Arn.</i>	Combretaceae
15	Chinaberry Tree	<i>Melia azedirachta L.</i>	Meliaceae
16	Mango Tree	<i>Mangifera indica L.</i>	Anacardiaceae
17	Jasmine	<i>Jasminum officinale</i>	Oleaceae
18	Giant Crepe Myrtle	<i>Lagerstroemia speciosa (L.) Pers.</i>	Lythraceae
19	Sago Palm	<i>Cycus revoluta Thumb.</i>	Cycadaceae
20	Tropical Dogwood	<i>Mussaenda erythrophylla Schumach &</i>	Rubiaceae

		<i>Thonn.</i>	
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SL. No.	Common Name	Scientific Name	Family
21	Bamboo Palm	<i>Dyopsis lutescens</i> (H. Wendl.) Beentje & J. Dransf.	Arecaceae
22	African Marigold	<i>Tegetes erecta</i> L.	Asteraceae
23	Jackfruit Tree	<i>Artocarpus heterophylla</i> Lam.	Moraceae
24	Agarwood	<i>Aquilaria malaccensis</i> Lam.	Thymelaeaceae
25	Brush Orchid	<i>Aerides odorata</i>	Orchidaceae
26	Rosy Fox Brush Orchid	<i>Aerides rosea</i>	Orchidaceae
27	Bamboo Orchid	<i>Arundina graminifolia</i>	Orchidaceae
28	Acampe Orchid	<i>Acampe papillosa</i>	Orchidaceae
29	Rothschild's Bulbophyllum	<i>Bulbophyllum rothschildianum</i>	Orchidaceae
30	Hooded Orchid	<i>Dendrobium aphyllum</i>	Orchidaceae
31	Musky-Smelling Dendrobium	<i>Dendrobium moschatum</i>	Orchidaceae
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34	Fringe-Lipped Dendrobium	<i>Dendrobium fimbriatum</i>	Orchidaceae
35	Golden Yellow Flowered Dendrobium	<i>Dendrobium chrysanthum</i>	Orchidaceae
36	Primerose Yellow Dendrobium	<i>Dendrobium primulinum</i>	Orchidaceae
37	Foxtail Orchid	<i>Rhynchostylis retusa</i>	Orchidaceae
38	Grey Orchid	<i>Vanda tessellate</i>	Orchidaceae
39	Aloe-Leafed Cymbidium	<i>Cymbidium aloifolium</i>	Orchidaceae
40	Greater Swamp Orchid	<i>Phaius tankervilleae</i>	Orchidaceae
41	Christmas Orchid	<i>Calanthe musuka</i>	Orchidaceae
42	Cylindrical Vanda	<i>Papilionanthe teres</i>	Orchidaceae
43	Fading Dendrobium	<i>Flickingeria fugax</i>	Orchidaceae

5.4. ANIMAL-DIVERSITY

Animal-diversity in both the campus are similar.

Mammals

Sl. No.	Common Name	Scientific name
1	Flying fox	<i>Pteropus sp.</i>
2	Bat	<i>Microchiroptera sp.</i>
3	Squirrel	<i>Funambulus sp.</i>
4	Rat	<i>Rattusrattus</i>
5	Rat	<i>Etruscan shrew</i>
6	Assam macaque	<i>Macacamulatta</i>
7	Rat	<i>Musmusculus</i>
8	Cow	<i>Bostaurus</i>
9	Domestic goat	<i>Capra hircus</i>

Amphibians

Sl. No.	Common Name	Scientific name
10	Toad	<i>Bufo melanostictus</i>
11	Frog	<i>Rana tigrina</i>
12	Hyla	<i>Hyla</i>

Reptiles

Sl. No.	Common Name	Scientific name
14	House lizard	<i>Hemidactylus flaviviridis</i>
15	Calotes	<i>Calotes versicolor</i>
16	Common Indian Monitor	<i>Varanus monitor</i>
17	Python	<i>Python reticulatus</i>
18	Checkered keelback	<i>Xenochrophis piscator</i>
19	Banded krait	<i>Bungarus fasciatus</i>
20	Monocled cobra	<i>Naja kaouthia</i>
21	Brahminy blind snake	<i>Ramphotyphlops braminus</i>
22	Bronzeback tree snake	<i>Dendrelaphis dendrelaphis</i>
23	Oriental rat snake	<i>Ptyas mucosa</i>
24	King cobra	<i>Ophiophagus hannah</i>
25	Black krait	<i>Bungarus niger</i>
26	Red necked keelback	<i>Rhabdophis subminiatus</i>
27	Common krait	<i>Bungarus caeruleus</i>

Birds

Sl. No.	Common Name	Scientific name
28	Little cormorant	<i>Phalacrocorax niger</i>
29	Great egret	<i>Egretta alba</i>
30	Eastern cattle egret	<i>Bubulcus coromandus</i>
31	Indian pond heron	<i>Ardeola grayii</i>
32	Asian open bill	<i>Anastomus oscitans</i>
33	Greater Adjutant	<i>Leptoptilos dubius</i>
34	Lesser Adjutant	<i>Leptoptilos javanicus</i>
35	Black kite	<i>Milvus migrans</i>
36	Red jungle fowl	<i>Gallus gallus</i>
37	White breasted water hen	<i>Amaurornis phoenicurus</i>

Invertebrates

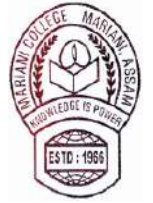
Sl. No.	Common Name	Scientific name
38	Earth worm	<i>Pheretimaposthuma</i>
39	Leech	<i>Hirudinaria granulosa</i>
40	Seven spotted ladybird	<i>Coccinellaseptempunctata</i>
41	Nereis	<i>Nereisvexillosa</i>

Insects

Sl. No.	Common Name	Scientific name
42	May flies	<i>Ephemeroptera</i>
43	Dragon flies	<i>Anisoptera</i>
44	Grass hopper	<i>Caelifera</i>
45	Gryllus	<i>Gryllusbimaculatus</i>
46	Gryllotalpa	<i>Gryllotalpagryllotalpa</i>
47	Mantis	<i>Mantodea</i>
48	Phyllium	<i>Phylliumsiccifolium</i>
49	Belostoma	<i>Belostomaflumineum</i>
50	Pieris	<i>Pierisbrassicae</i>
51	Moth	<i>Lepidoptera</i>
52	Apis (Honey bee)	<i>Apisflorea</i>
53	Termite	<i>Isoptera</i>
54	Spider	<i>Argiopecatenulata</i> <i>Latrodectushesperus</i>
55	Mosquito	<i>Culexpiapiens</i>



MARIANI COLLEGE



SELF STUDY REPORT FOR 3RD CYCLE OF NAAC ACCREDITATION 2017 -2022

CLEAN AND GREEN CAMPUS





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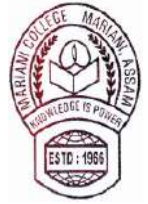


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RAMPS FOR A BARRIER FREE MOVEMENT





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BILL OF EXPENDITURE IN RAIN WATER HARVESTING SYSTEM

Bill
M/S JAYANTA KR. BORDOLOI
A. T. ROAD, SARAJIAL, JORHAT - I.
PIN - 781001. TEL: 9836121212

Date: 28/06/23

To: Principal, Mariani College

Particulars	Qty	Rate	Amount (Rs.)
Rain water Harvesting work:-			
1. Pipe PVC, Section 4" x 1/2" (2-1000)			16750/-
2. Pipe 2.000 x 1/2" (2000)			5447/-
3. Plug and charge			7500/-
4. Old water tank cleaning charge (room)			400/-
5. Rain water Harvesting sign board			200/-
6. One supporting iron pipe with chain			200/-
Total Rs. 27,705/-			

Signature of Jayanta Kr. Bordoloi
Authorized Signatory
(Jayanta Kr. Bordoloi)

Signature of Principal
Principal
(Principal)





MARIANI COLLEGE

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BILL OF EXPENDITURE FOR DUSTBIN OF SOLID WASTE MANAGEMENT

