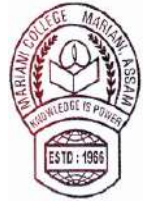




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2018 -2023



Supporting Documents for NAAC Self Study Report (SSR) (3rd Cycle)



Prepared and submitted by:
Mariani College

Criterion 7	Key Indicator: 7.2
Institutional values and Best Practices	Best practices
Metric Number: 7.2.1	Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual



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CLEAN AND GREEN CAMPUS



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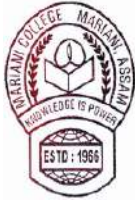


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ALTERNATE SOURCE OF ENERGY AND ENERGY CONSERVATION MEASURES



GPS Map Camera

Mariani, Assam, India
 M826+3HR, Mariani, Assam 785634,
 India
 Lat 26.650325°
 Long 94.311517°
 20/08/21 03:05 PM India Standard Time

Google

GPS Map Camera

Mariani, Assam, India
 M826+3HR, Mariani, Assam 785634,
 India
 Lat 26.650325°
 Long 94.311517°
 20/08/21 03:02 PM India Standard Time

Google

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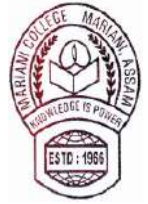


MARIANI COLLEGE

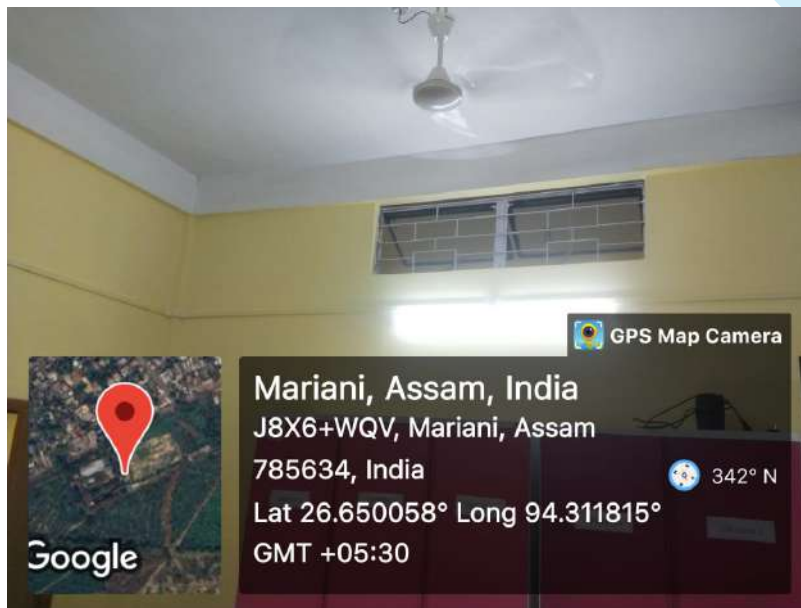
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ALTERNATE SOURCE OF ENERGY AND ENERGY CONSERVATION MEASURES



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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.



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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MANAGEMENT OF VARIOUS TYPES OF DEGRADABLE AND NON DEGRADABLE WASTE

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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)

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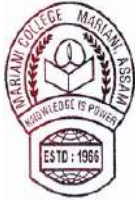
Liquid chemical waste disposal



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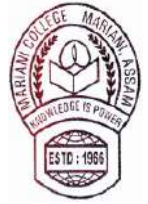


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RAIN WATER HARVESTING SYSTEM

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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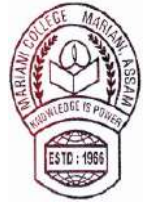


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Other Water Management practices

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

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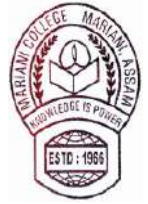


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GREEN CAMPUS INITIATIVES OF THE COLLEGE

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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.

7 | Green & Environmental Audit


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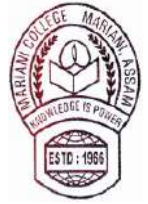


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Awareness Programme and Tree Plantation Programme

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.



Mariani, Assam, India
M83F+77W, Mariani, Assam 785634, India
Lat 26.653225°
Long 94.323267°
05/06/22 01:34 PM

World environment day programme amongst school students



Naharbari T.E., Assam, India
J8X3+2FG, Balijan - Oeting - Garigaon Rd, Naharbari T.E., Assam 785634, India
Lat 26.647698°
Long 94.30363°
01/08/22 11:04 AM

CM tree plantation programme

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CM plantation programme



CM plantation programme

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Figure 3. (g)
CM plantation
programme



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

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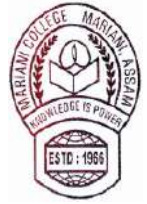


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Sustainable Green Land Use Activities:

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.



Inauguration of Vermicompost project


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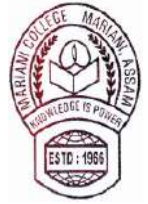


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Botanical cum Herbal Garden- To make students and community people aware of plant biodiversity, ecological & medicinal importance of plants and to conserve rare plants, a botanical garden is being established by college authority and maintained by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



Plantation in Botanical garden by Principal (i/c) Dr. M. Borthakur



Inauguration of Botanical garden by Principal (i/c) Dr. M. Borthakur

NAAC (B)

Bhramari
COORDINATOR, IQAC CELL
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Prasanna
Principal
Mariani College, Mariani



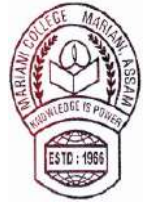


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Botanical cum Herbal Garden

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Plantation Drive by students



NAAC (B)

Bhramari
COORDINATOR, IQAC CELL
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Jhoranalla
Principal
Mariani College, Mariani





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Figure 4 (i)



Tea plantation plot in Botanical garden

12 | Green & Environmental Audit

Kalita, Scientist (CSIR-

NAAC (3)

Bhromari
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Jhonsalla
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BEYOND THE CAMPUS ENVIRONMENTAL PROTECTION ACTIVITIES

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CHIEF MINISTER'S INSTITUTIONAL PLANTATION PROGRAMME, 15th July, 2022 to 15th August 2022

MARIANI COLLEGE, MARIANI organised a one-month Chief Minister's Institutional Plantation Programme celebrating Azadi ka Amrit Mahotsav. The programme began from 15th July, 2022 and continued till 15th August, 2022. The plantation drive was inaugurated in the College Campus (New) on 15th July, 2022 by the Principal of Mariani College, Dr. Horen Goowalla along with all other faculty members & non-teaching staffs of the college. Principal gave very valuable speech mentioning the benefits of tree plantation and how it can protect our environment at present and in future. All of them planted several kinds of saplings in the campus in different locations. Thereafter, NSS Programme Officer, Mr. Bonomali Bori took over the charge of the plantation drive. Principal along with the P.O of NSS Unit allotted different Schools, Police Station, Community places, Historical & Religious sites etc. to each faculty members of colleges to plant trees individually in their allotted schools and other places to make the event a successful and grand celebration of Azadi ka Amrit Mahotsav. Teachers and students participated from different schools in the drive. The purpose was mainly to educate the public about the importance of growing trees and aware them to protect the environment and promote institutional social responsibility. The faculty members planted different types of medicinal and fruit saplings in different locations and made the campaign a successful one. It was a great initiative to make the atmosphere clean and green.

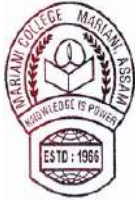
PLANTATION PROGRAMME, 2022


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Principal
Mariani College, Mariani



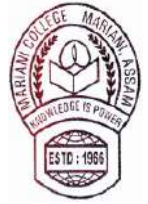


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PLANTATION PROGRAMME, 2022



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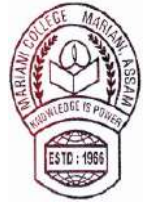


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PLANTATION PROGRAMME, 2022

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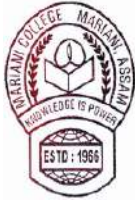


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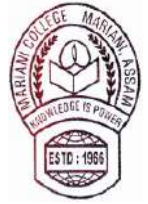


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