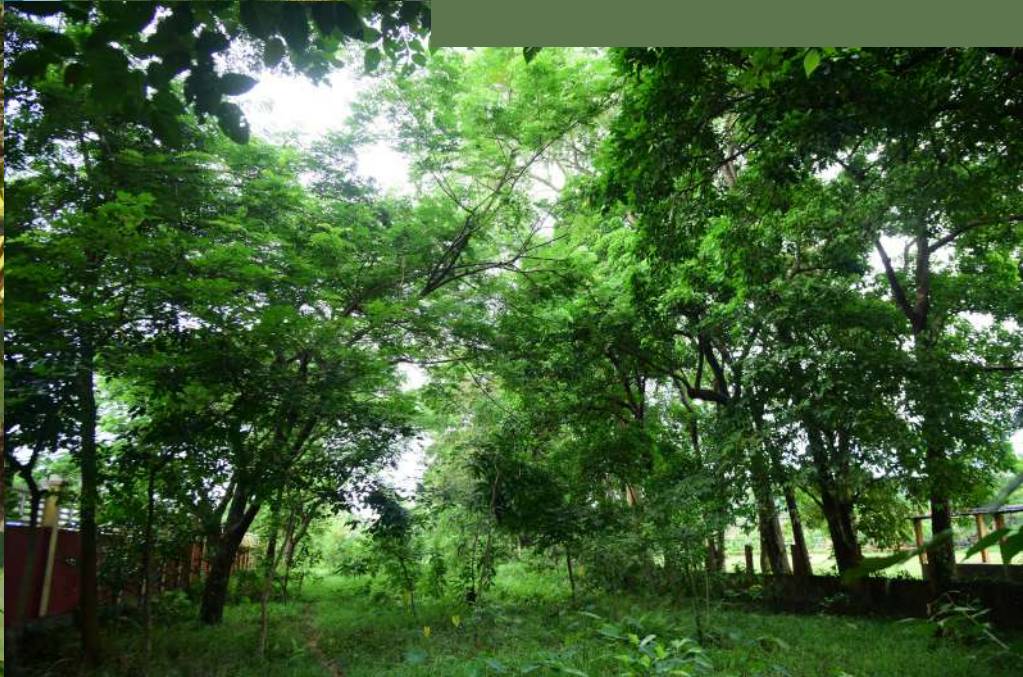


Nisharga



GREEN INITIATIVES OF GOALPARA COLLEGE



MESSAGE FROM THE PRINCIPAL'S DESK



Climate change is a serious global concern of this century. Rampant and careless industrialisation has endangered our ecosystem by global warming and brought the risk of climate change. Growing awareness among people about climate change is very encouraging. Worldwide initiatives of the people to protect our "only earth" and its organic lives have brought this issue to the forefront. In August 2018, Greta Thunberg, a 15 years old climate activist from Sweeden, sat in a "School Strike for Climate" demanding the Swedish government to reduce carbon emissions as per the Paris Agreement. It inspired the global movement for the climate. Goalpara college also, in association with Assam Science Society, Goalpara Branch and Ellora Vigyan Mancha, Goalpara Branch, organised a protest march in support of Thunberg. These movements have compelled world leaders to consider sustainable development as one of the most important goals of the present time. Some countries are now actively working to increase their green coverages. Sustainable Development Index ranking has now become very important. It makes me very happy to see that, as a part of the global movement to protect our earth, we have successfully continued our effort by taking some "Green Initiatives" to build an eco-friendly environment in the college campus and our adopted village Kuruwabhasha. I am sure that such initiatives at the local level would act as a beacon of inspiration for others and help strengthen the movement for the climate.

DR. SUBHASH BARMAN
Principal, Goalpara College

ACTIVITIES



A micro forest has been developed at Goalpara Girls' College on the occasion of World Environment Day, 2022 by Assam Science Society, Goalpara Unit in association with Goalpara College and Goalpara Girls' College.



PLASTIC BAN CAMPAIGN

The students of Goalpara College have made around thousand numbers of paper bags in the Paper Bag making workshop in 2022. This is an initiative in connection to the Single Use Plastic ban Campaign.

CYCLOTHON

A cycle rally has been organized on by the Department of History on the occasion of Azadi ka Amrit Mahotsav.

More than a hundred students, professors, and citizens joined the event. This event signifies reducing the carbon footprint on nature. The different units of the college are frequently engaged in such rallies.



ACTIVITIES

CLEAN-RIVER CAMPAIGN



The volunteers of NCC unit, Scouts and Guides Unit, NSS unit along with other students of the college regularly devotes their time in cleaning the campus, rivers and different areas of town making it plastic free.



ECO FRIENDLY INNOVATION



Diganta Das, a student of Goalpara College has been engaged in innovating new vehicles with the use of waste materials which are clean and environment free. Mostly these are electric cars, electric boats and electric bikes.

WATER CONSERVATION



GROUND-WATER RECHARGE TANK

The 150 sq. ft. tank present in the front-yard of science block stores around 25490 litres of water, recharging the ground water of the college campus and its nearby areas. Apart from that it is also a research ground for breeding several indigenous and exotic fishes.



RAINWATER HARVESTING UNIT

The 21 sq. ft. unit present on the top floor of the new building is created to store the rainwater of the top floor to be used for various purposes of the college's day to day activities.

PLANTATION DRIVES



VAN-MAHOTSAV

Van-Mahotsav an annual one-week tree planting festival celebrated on the first week of July. For the last three years plantation drives has been conducted by Administration, Faculties & Students of Goalpara College on the same week. Respected DC, SP and DFO of Goalpara also participated in the programme



BOTANY ALUMNI-MEET

The Department of Botany planted 300 avenue saplings on the occasion of the department's Alumni Meet, held for the first time in Goalpara College.



CLEAN INITIATIVES

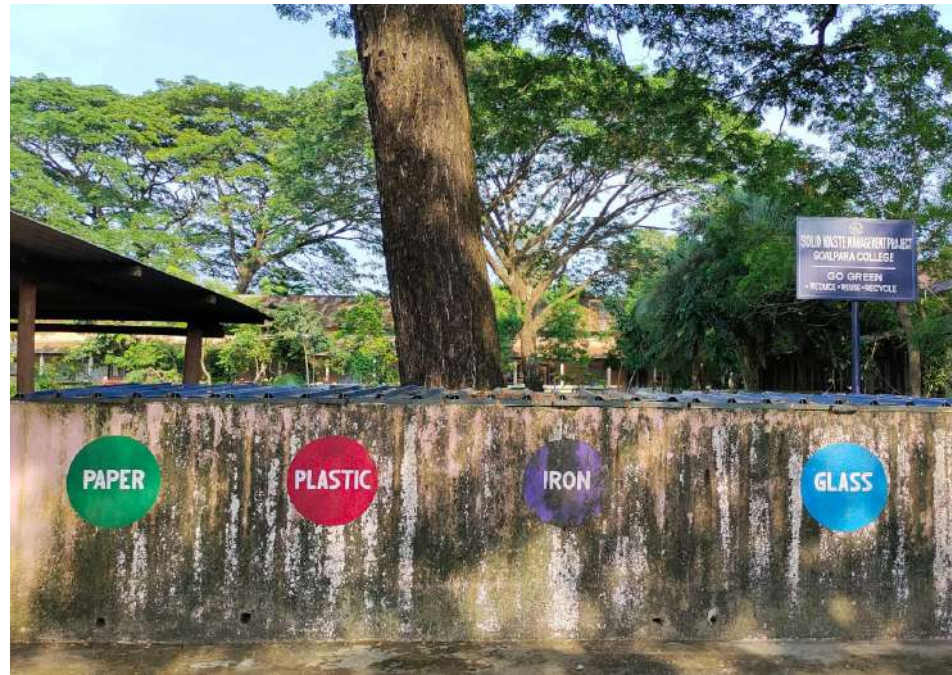


SANITARY NAPKIN DISPOSAL MACHINE

Sanitary napkin disposal machines are installed in College Girls' Hostel and Girls' Common Room to ensure proper and clean disposal of used napkins.

WASTE DISPOSAL UNIT

Goalpara college has taken initiative in disposing their daily wastes, segregating plastics, metal wares, glass, bio-wastes, biological materials in separate chambers in order to recycle and reuse after proper conversion.



DUSTBINS

Bamboo dustbins are installed in nook and corners of the college to ensure a plastic free environment. The college regularly promotes organic substances for preparation of dustbins.

VERMI-COMPOSTING

The vermi-compost unit of Goalpara college, monitored by Department of Botany is active since the last few years producing two-three quintals of final product each year using the raw materials such as Water Hyacinth, Banana, campus bio-waste etc. It produces bio-fertilizer in the form of vermi-compost using the discarded bio-wastes like vegetable peels from hostels and weeds growing within the college boundaries.



VERMICOMPOST OFFERS ENHANCED SOIL FERTILITY, INCREASES WATER HOLDING CAPACITY, NUTRIENT SUPPLYING CAPACITY, AGRICULTURAL PRODUCTIVITY AND IMPROVES SOIL BIODIVERSITY

Vermi-composting is a natural process whereby earthworms convert waste material with rigid structures into compost. the compost produced in this green process is traditionally and popularly used as a natural fertilizer for enhancing plant growth.



GREEN AUDIT

A green audit of the college campus was conducted by department of Botany in the year 2021 with a team of six students. The audit resulted in complete enumeration of the trees growing within the campus such as *Bischoffia javanica*, *Tamarindus indica*, *Eucalyptus* sp., *Ficus rumphii*, *Ficus hispida*, *Samanea saman*, *Syzygium cumini*.



GREEN AUDIT IS A PROCESS OF SYSTEMATIC IDENTIFICATION, QUANTIFICATION, RECORDING THE COMPONENTS OF ENVIRONMENTAL DIVERSITY WITHIN A DEFINED BOUNDARY



PARKS & GARDENS



BOTANICAL GARDEN

The botanical garden located at the front of the college campus, with an area of a hectare hosts various fruit trees as well as ornamental plants.



MAHAVIDYALAYA UDYAN

The park lying close to the administrative building has four fountains, long rows of trees of various species, a martyrs tomb, benches, sitting shades..



UDVID UDYAN

The park adjacent to the science block is a serene place for students to rest amid classes, it also hosts a diversity of botanical specimens

Kuruavasha, The Adopted Village



SEVERAL ACTIVITIES HAVE BEEN CONDUCTED IN THE ADOPTED VILLAGE OF GOALPARA COLLEGE. RIGHT FROM ADDRESSING THEIR SOCIETAL CONCERNS TO ENVIRONMENTAL ISSUES.



CAMPUS AT A GLANCE

