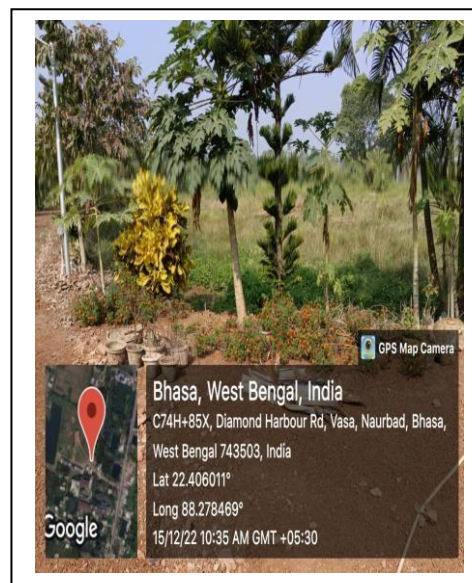
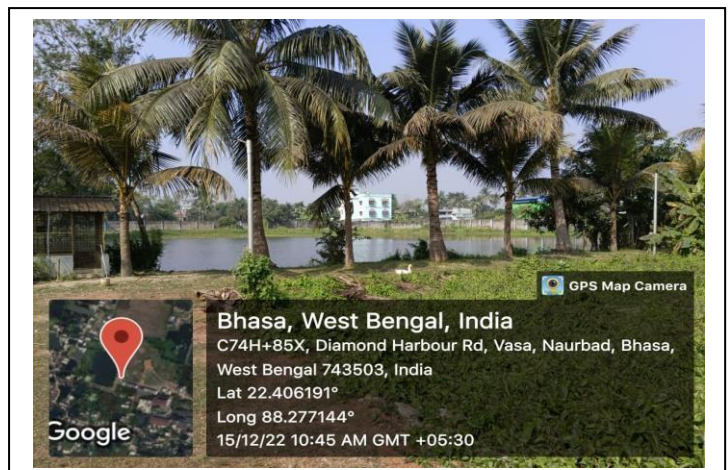


Report About Asutosh Colleg (Bhasa Campus)



Asutosh College, an esteemed organisation known for its academic excellence concluded its centennial year (1916-2016) in July,2016. The college alongside reaching different academic benchmarks came up with its own sprawling campus in “Bhasa” on Diamond Harbour Road, South 24 Parganas has been transformed into the dream project of a “Dream Campus”.

The green campus provides the perfect environment for advancement of learning and over all development of the students. Amidst nature, alongside delivering a good ecological balance the campus does serve a therapeutic ambience which doesn’t only guarantee a good academic experience but also contributes to a positive experience of mental health among the students. The campus is marked by the presence of flowers, vegetables, pond, green house, ducks, hens and swans, bio gas plant, rain water harvest, solar light, volley ball court.

The Medicinal Plant garden is situated within an area of almost 7000 square feet and surrounded by deodars. At least 100 types of medicinal plants of different families have been cultivated inside the nicely designed beds with proper nameplates bearing local and scientific names and Angiospermic family identity. Some of the important plants/trees are:

- Kalmehg (*Andrographis paniculata*)
- Harjora (*Cissus quadrangularis*)
- Golmorich/Black pepper (*Piper nigrum*)
- Arjun (*Terminalia arjuna*)
- Red and White sandal wood
- Nutmeg (*Myristica fragrans*)

We have included some rare plants and in this series. We have already collected and cultivated Pitcher plant (*Nepenthes*) from Meghalaya. We have a section of hydrophytic plants with Lotus (***Nelumbo nucifera***) and other endangered aquatic plants like Hydrilla. We have a green house of around of 700 square feet with glass covering allowing 70 percent of the incidental solar ray. It has a nursery section where we are trying for the germination of some endangered Gymnospermic plants like *Ginkgo biloba* and *Gnetum*. Succulent and Cactus section also have included many ornamental species. We have cultivated and produced seedlings of *Aswagandha*, *Withania somnifera*, *Dunaland*, *Rouwolfia serpentina*, *Sarpogandha*, both are very much in demand as herbal medicine. These seedlings are trying to be marketed as per demand. We have developed an orchidarium with temporary structure but at least four species of orchid with high market value are cultivated.

The garden is entered through a white-green coloured gate fashioned out of bamboo and bearing the name Sushrut Medicinal Plants Garden. There is a nice straw thatched bamboo-pillared circular covered pergola with an extension for climber plants like *Clerodendron* or *Thunbergia* which have brightly coloured flowers and will present a lovely picture when in bloom. Around the side wall of the garden the ground is covered with smooth fine blades of carpet grass where the name of the garden is highlighted with white word plates. There is a **Butterfly garden** adjacent to the medicinal plant garden. The place is occupied with varieties of butterfly species. Apart from that the garden is beautifully decorated with marigold and seasonal flower beds at the time of winter. We have two pump sets of our own for irrigation. One thermometer and moisture meter is attached to the green house with small fans for good air circulation.