

PARYAWARAN SANRAKSHAN EVAM SAMVARDHAN YOJANA

BEST PRACTICE

*"He who plants a tree. Plants a hope." -
Lucy Larcom*

Plantation











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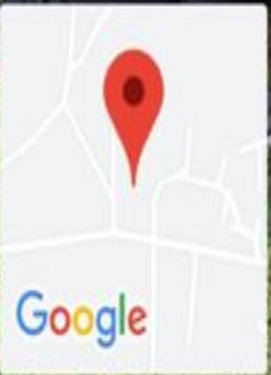
Sirnabhatha, Chhattisgarh, India

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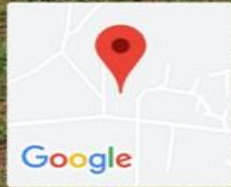
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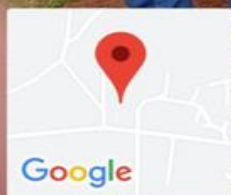
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Year 2018



Year 2019



Year 2021



Year 2022

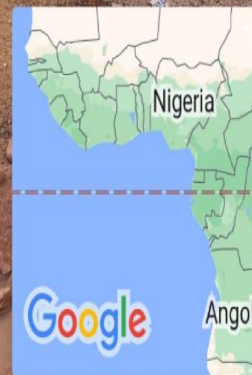


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GPS Map Camera



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Sirnabhatha, Chhattisgarh, India

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Title of the practice: PARYAWARAN SANRAKSHAN EVAM PARISAR SAUNDRIKARAN SAMVARDHAN YOJNA

Objectives of the practice: The scheme has been started to fulfill the following objectives along with healthy environment around the college:-

- 1) To focus on building an eco-friendly environment wherein there is consciousness about planting glorious aesthetic trees and protects the nature.
- 2) It also helps to build an eco-friendly mindset among students which helps in conservation of natural resources.
- 3) To sensitize, encourage and engage students in activities that help them to value environment and to identify and focused for solutions for local problems through innovative ideas.
- 4) 4) To ensure the availability of plant, their parts for practical to UG/PG students of Botany easily and naturally.

The context: Planting, their maintenance, proper water system and fencing is a big challenge for us without economical support.

The practice: College is an open place for gaining any kind of knowledge. In a single day most students spend almost 30 percent of their time daily at the campus. Therefore, it is essential to make the campus more livable and green. In this respect, Paryawaran Sanrakshan Evam Parisar Saundrikan Samvardhan Yojna has been implemented in our college with the direct involvement of Janbhagidari. It gives more oxygen to the environment, keep the air fresh and remove the monotony of the students as well as teachers.

Sometimes educational institutions can become a boring place to us due to study pressure or exams, but making a garden can remove dullness, worries, anxieties and make people more relaxed. It will increase the connection between humans and nature. Sometimes students suffer from severe mental pressure and stress disorders which can be reduced by a beautiful garden. It can also act as a mood booster. There are many plants which have medicinal value and can play a significant role towards improving our health. Gardening can even decrease the dirty areas in the campus. It will keep the environment fresh and pollution free.

Today we live in such a world where increasing environmental pollution is common. Gardening can be an excellent idea of mitigating these kinds of problems. It will add more oxygen to nature while absorbing carbon dioxide and decreasing the heat. It will make the environment cool, more livable and Mother Nature friendlier towards us. Some species such as frogs and grasshoppers will act as predators by keeping pests such as mosquitoes, vermin and harmful insects under control and keeping the campus more comfortable and habitable.

Evidence of success: The scheme has been started in college from 2018. The soil of college is laterite, yet 95% of the plants are still alive. College campus is full of greenery which is good for

the health of all the students and staff. Plants get water through drip irrigation as per the requirement. This method also helps to conserve electricity and reduces man power too.

Problems encountered and resources required: There are many problems which are as follows:-

- Seeds do not sprout properly.
- Leaves drooping off and turning yellow.
- Bugs and insects.
- Deterioration of soil.
- Fencing to protect plants from domestic animals.
- Electricity supply.
- Availability of ground water.
- Financial support

To overcome all these problems, constant electricity, funds from the Janbhagidari, nutrients for the soil by using good organic fertilizer are needed. To prevent and control attack of insects and microbial good quality of insecticides, pesticides and fungicides are occasionally used. Pits were dwelled and black soil was poured. Fencing was also done with steel wire.

Note: Every year, plantation has been done on different occasions, other than this the plantation has been also done at the arrival of special guest to make their visit memorable. Since we are following this initiative from 2018 due to which college campus is now ready to become a Green Belt. Before 2018 the land on which plantation is done was a barren land which was the biggest challenge faced at time of plantation.