



Rajendra Academy for Teachers' Education

NAAC Accredited Teachers Training College (Grade B)

Recognised by NCTE, New Delhi & Affiliated to Burdwan University, WBBPE & WBUTTEPA

AWARENESS PROGRAM: TREE PLANTATION



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Address: Rajendra Academy for Teachers' Education

Vill+Post: Gopalpur PS: Kanksa Durgapur - 713212

Web: <http://rajendraacademy.com>

Phone No: 0343-2538468 , 8170020266

Website- www.rajendraacademy.com, Email: principal@rajendraacademy.com ,

About the Institution



Our Institute is located within the jurisdiction of the Gram Panchayat of Gopalpur under Kanksa block. It is our extreme pleasure to introduce RATE (Rajendra Academy for Teachers' Education) under Rajendranath Educational and Welfare Trust (REWTE). Since its inception, Rajendra Academy for Teachers' Education affiliated to The University of Burdwan, and West Bengal Board of Primary Education runs its composite unit of professional Teachers' Training courses of

Rajendra Academy For teachers' Education with the help of Rajendranath College of Polytechnic and Rajendranath Engineering Private ITI organized a **TREE PLANTATION PROGRAMME** under the umbrella of Rajendranath Group of Institutions. This is a matter of pride for the college that it can facilitate the environment with various evoking programmes and events. Awareness programs at College premises are to increase the level of thinking among the students and staff. The programs are finely crafted under the guidance of many teachers and experts and above all the College Authority.

Rajendra Academy for Teachers' Education has always focused on qualitative enhancement. The campus is eco-friendly and every year the staff and the students together celebrate Tree plantation program with great responsibility and plant saplings to keep the college campus green and fantastically clean.

Trees cleanse the climate by absorbing carbon dioxide from the environment and releasing oxygen. The trees cool the environment through their leaves by absorbing the sun heat. Thus, there occurs cooling in the atmosphere. The trees provide shades to houses and streets.

Trees clean the air by absorbing harmful chemicals such as nitrogen oxide and removing dust particles from the air by absorbing them in their leaves. Another importance of planting trees is that they save the water from impurity. Trees stop water pollution by breaking the direct fall of rainfall to the ground. Through trees, we make furniture and produce materials like books and papers. Trees help to relax and to reduce blood pressure. Different species of trees also relax the mood of people.

Importance of Tree Plantation



Planting trees is the ideal approach to support Nature. It additionally helps other living species, including people, in many ways. Trees give us oxygen, food, shelter, and many more benefits. They are natural air filters and noise safeguards. Trees are the earth's life supportive network. They support and are essential for life on earth. Apart from providing oxygen, trees additionally work as common safeguards of noise pollution.

The forests do develop naturally. Be that as it may, today, forests are chopped down at a rate more noteworthy than they could develop. This causes a sort of irregularity, wherein relatively few trees are left to meet our oxygen supply and different requirements.

Trees are a source of shelter and nourishment for many species, reptiles, and birds. Any place a tree is planted it gives another lease of life to these species. Trees additionally cause rain and prevent floods. **Rajendra Academy for Teachers' Education, Durgapur** inspires students and staff to plant more and more saplings so that they can involve in environmental protection initiative.

One of the recognized purposes behind tree plantation is forestry. Forests are quickly diminishing from the surface of the earth since people are cutting trees for business purposes. Despite the way that forests develop normally, there is a need to re grow them at a more noteworthy rate than the rate at which they are destroyed. Apart from improving the bio-diversity, trees additionally add to the natural beauty of a spot.

Trees planted by the streets and in the parks add to the scenic beauty of the spot. A tree will be there for ages profiting everyone in its specific manner. If we plant a tree today, at that point, our coming ages will be benefitted through future investment for our future generations.

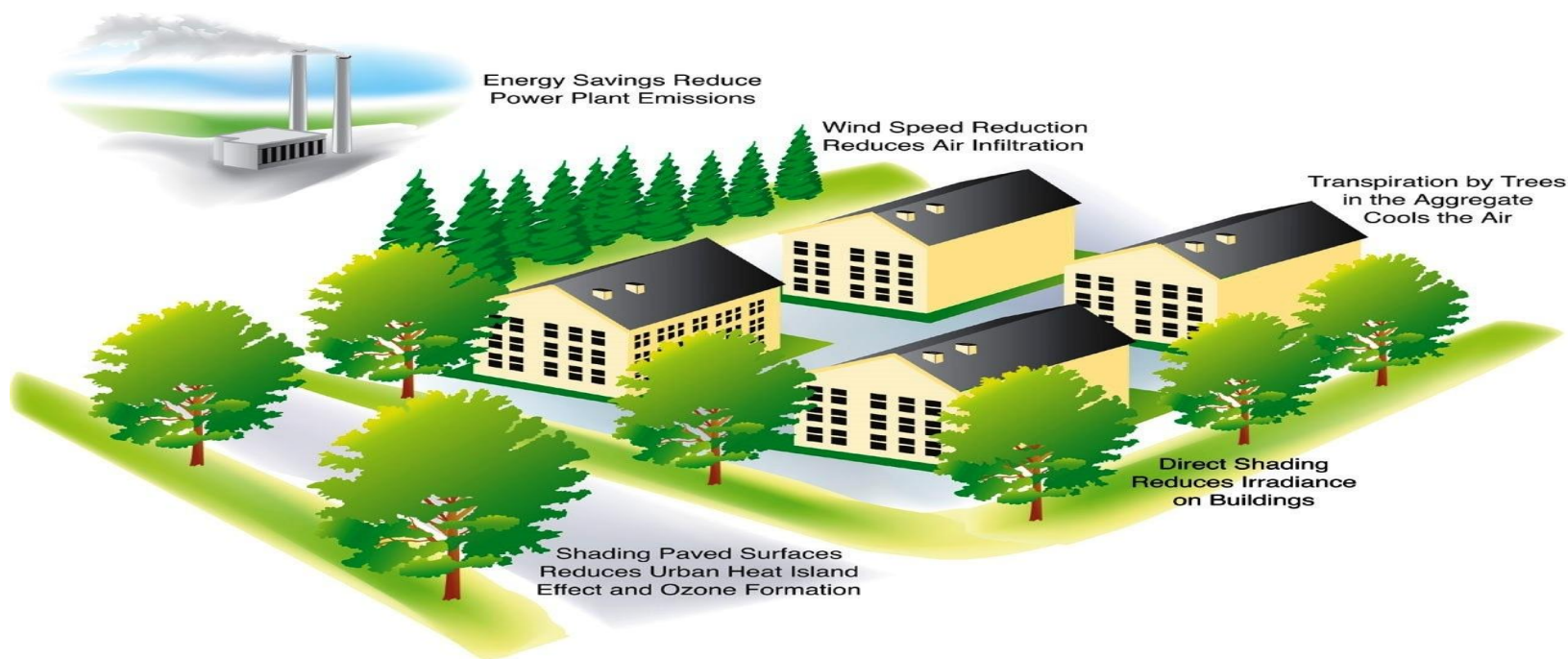
Plantations of trees are important as they improve the life and fulfill essential needs of mankind. During photosynthesis, the trees breakdown food materials and consume carbon dioxide. Resultantly with the help of sunlight, the trees produce carbohydrates. Our Honorable Chairman Sir, Shri Jayanta Kumar Chakrabarty inspired and encouraged all students and staff to take care of the environment by planting more and more trees. Tree plantation is one of the most important and eco-friendly activity across the world.

Rajendra Academy believes in eco-friendly activities and it promotes tree plantation and the benefits of planting trees ensures sustainable environment. Most often we plant trees to provide shade and beautify our landscapes for increasing greenery in and around the campus.

DISCUSSION UPON TREE DISEASE TREATMENT

There's nothing worse than watching a healthy tree gradually succumb to disease, only to become a safety hazard. Thankfully, properly timed treatment can prevent the production, growth, and spread of the spores that cause tree diseases. Tree disease protection begins with a comprehensive inspection .During this inspection, the arborist will determine the overall health of the landscape and recommend disease or other treatments that can improve our tree's condition while preserving and protecting our property.

Benefits of Tree plantation from Social Aspect



- Trees make life nicer. It has been shown that spending time among trees and green spaces reduces the amount of stress that we carry around with us in our daily lives.
- Hospital patients have been shown to recover from surgery more quickly when their hospital room offered a view of trees.

- Children have been shown to retain more of the information taught in schools if they spend some of their time outdoors in green spaces.
- Trees are often planted as living memorials or reminders of loved ones or to commemorate significant events in our lives.

Common goals for organizing the Awareness programme:

The foremost common goals of these awareness programs are as follows:

- Improve academic skills
- Increase college retention
- Build self-esteem
- Provide role models
- Increase parental involvement
- Build college and career awareness
- Promote college attendance
- Increase in aid awareness

Benefits of Tree plantation in Community

- Even though we may own the trees as our property, the neighbors may also benefit from them as well.
- Through careful planting of trees can be an asset to our entire community.
- Tree lined streets have a traffic calming effect, traffic moves more slowly and safely.
- Trees can be placed to screen unwanted views or noise from busy highways.
- Trees can complement the architecture or design of buildings or entire neighborhoods.

Benefits of Tree plantation in Environment

- Trees offer many environmental benefits.
- Trees reduce the urban heat island effect through evaporative cooling and reducing the amount of sunlight that reaches parking lots and buildings. This is especially true in areas with large impervious surfaces, such as parking lots of stores and industrial complexes.
- Trees improve our air quality by filtering harmful dust and pollutants such as ozone, carbon monoxide, and sulfur dioxide from the air we breathe.
- Trees give off oxygen that we need to breathe.
- Trees reduce the amount of storm water runoff, which reduces erosion and pollution in our waterways and may reduce the effects of flooding.
- Many species of wildlife depend on trees for habitat. Trees provide food, protection, and homes for many birds and mammals.

Benefits of Tree plantation in Economic Benefits

- Well placed trees which can reduce our cooling costs in the summer by shading the south and west sides of our home. If deciduous trees are used they will allow the Sun to pass through and warm our home in the winter.
- Evergreen trees on the north side of our home and shrubs around the foundation of our home can act as a windbreak to reduce the cooling effects of winter winds.
- The value of a well landscaped home with mature healthy trees can be as much as 10% higher than a similar home with no or little landscaping. (Topping will reduce the value of our trees)

- Some indirect economic benefits of trees are that if we reduce the energy we use then utility companies will have less demand placed on the infrastructure, thus reducing operating costs which can be passed on to the consumer.



Gardening

The activity of gardening is infused in students to make them understand the importance of planting and gardening. It is the best way to nurture the feeling of cooperation, teamwork, focus and patience enhancing social skills.

Plantation

Plantation is best way to save environment. Awareness in this connection is important and efforts required creating in mass. Focus of students for promotion of plantation is needed to make regular activity of students.

Future plan of Action

Rajendra Academy for Teachers' Education seeks a certain future plan of action for the college and its benefits. We are planning not to use non degradable items and products inside the college campus and discourage the use of plastics and other materials that ruins the environment and its use. We will be planting more and more trees so that things will be highly demanding for the next generation. We are going to encourage more and more Go-green atmosphere in the surroundings. We are looking forward to increase the participants in the next year more than this year.

Conclusion

Therefore, we conclude that trees should be regularly planted to save the mankind and the animal world. Tree plantation and its after-care is a pleasing work too. We can get much pleasure in planting trees and in taking care of them. The central conclusion from the analysis is that role of plantation

forests, in meeting future wood and fiber demands, will increase during the next 30 years, irrespective of future rates of plantation establishment.

Trees in the ground already largely determine wood supplies from forest plantation for the next decade. In many countries, a considerable increase in areas of plantation forests reaching harvestable age will occur. Beyond 2010, plantation production forecasts are increasingly dependent on assumptions of new planting rates, and on assumptions of improvements in annual increments.

There is scope, depending on policy decisions and markets, for forest plantations to play a dominant role in industrial wood and fiber supplies. A more likely scenario is that the proportion of forest plantation-grown wood will increase, but natural forests will continue to supply a modest majority of industrial round wood.

Organizing Members of the Tree Plantation Committee

SL NO	Name	Designation
1	Mr. Satya Sundar Sarkar	In-Charge
2	Ms. Sonia Yasmin	Member
4	Mrs. Jhuma Deb	Member
6	Mr. Parimal Das	Member
7	Ms. Kasturi Datta	Member
8	Ms. Susmita Ghosh	Member
9	Mrs. Sneha Dutta	Member
10	Mrs. Dipanwita Ghosh	Member