

GOVERNMENT DEGREE COLLEGE: KARVETINAGARAM

TREE PLANTATION (2024-25)

Tree plantation is the process of planting trees in areas where they are needed, whether it's for reforestation, beautification, environmental restoration, or combating climate change. It helps improve the environment by providing numerous benefits such as:

1. Environmental Benefits:

- **Air Quality:** Trees absorb carbon dioxide (CO₂) and release oxygen, improving the air quality.
- **Climate Regulation:** They help reduce the effects of climate change by absorbing greenhouse gases and providing shade to lower temperatures.
- **Water Conservation:** Tree roots help in maintaining soil moisture and reduce the risk of soil erosion.
- **Biodiversity:** They provide habitat for various species of birds, insects, and animals.

2. Social Benefits:

- **Health Benefits:** Trees improve mental and physical well-being by reducing stress, providing green spaces for recreation, and promoting outdoor activities.
- **Economic Benefits:** Tree planting can create jobs in landscaping, forestry, and related industries. They can also increase property values in urban areas.

3. Aesthetic Benefits:

- Trees enhance the beauty of the landscape and make urban areas more livable. They add visual appeal, shade, and a sense of tranquility.

How to Plant a Tree:

1. **Choose the Right Tree:** Select a tree species that is suitable for the climate and soil type of the location.
2. **Pick the Right Location:** Ensure there is enough space for the tree to grow without interfering with buildings or utilities.
3. **Dig a Hole:** The hole should be twice as wide and the same depth as the root ball of the tree.
4. **Plant the Tree:** Place the tree in the hole, ensuring it is standing straight. The top of the root ball should be level with the ground surface.
5. **Backfill and Water:** Fill the hole with soil and water the tree thoroughly to remove air pockets.
6. **Mulch:** Apply mulch around the base of the tree to conserve moisture, control weeds, and provide nutrients.
7. **Care and Maintenance:** Water the tree regularly, especially during dry spells, and monitor its growth.



SWACHHTA HI SEVA - COLLEGE SURROUNDINGS CLEANING



Tree Plantation program was conducted by NSS Unit in the College Campus on 24-09-2024



Zero waste awareness program was conducted in the surroundings of Police Station, Karvetinagaram by NCC unit in association with police staff on 25-09-2024


PRINCIPAL
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