

HUMERA KHAN COLLEGE OF EDUCATION

TREE PLANTATION, HKCE -2019 to 2023

HUMERA KHAN COLLEGE OF EDUCATION, incorporating tree plantation an excellent way to educate future teachers about environmental conservation, sustainability, and community engagement.

Objectives:

T.R.E.E Project aim is to facilitate and supervise the planting of trees using both indigenous and adopted tree seedlings to be distributed for free to volunteers. Provide with background knowledge on the importance of trees in the environment, their role in mitigating climate change, and their ecological significance.

The Context:

Well-planned tree planting projects can be a valuable intervention to address some of the most critical challenges of our time, such as mitigating climate change, conserving biodiversity and providing food, wood and income to beautify the areas for scenic beauty. To reduce the surface run-off discharge and checking soil erosion along the embankments. To reduce temperature and increase humidity. To reduce noise pollution to the neighbouring household population.

The Practice:

Teach students practical skills related to tree planting, such as selecting appropriate tree for the region, planting techniques, and care and maintenance of young trees. Ecological and Environmental Importance. Trees benefit the environment by producing oxygen, improving air quality, reducing climate change, saving water, maintaining soil, and providing habitat for wildlife. Trees absorb carbon dioxide and create oxygen during the photosynthesis process.

Evidence of Success:

Explore the cultural and indigenous perspectives on tree planting, as this can vary significantly from one region to another. Organize field trips to local nurseries, botanical gardens, or conservation areas to give students hands-on experience in tree identification, care, and planting. Emphasize the interdisciplinary nature of tree plantation by connecting it to subjects like biology, ecology, geography, and social studies.

Problems Encountered and Resources Required:

Highlight the community benefits of tree planting, such as improved air quality, enhanced aesthetics, and potential social cohesion within the community. Emphasize the importance of long-term sustainability by discussing the ongoing care and maintenance of trees planted. Encourage students to revisit the planted trees periodically and involve the community in their care. Emphasize the interdisciplinary nature of tree plantation by connecting it to subjects like biology, ecology, geography, and social studies.

Notes:

Develop assessment criteria that evaluate students' knowledge of tree plantation, their ability to teach it effectively, and their capacity to engage students in related activities. Encourage students to keep journals or portfolios to document their tree planting experiences, including observations, challenges, and personal reflections.



Year 2023

TREE PLANTATION AT HKCE



Year 2022

TREE PLANTATION



Year 2021

BORIVALI NATIONAL PARK



Year 2019

HANSRAJ MORARJI SCHOOL

