

## TREE PLANTING – COMMUNITY EVENT BY VIGNAN FACULTY

28<sup>TH</sup> JULY, 2021

Vignan into Agriculture and commencing 4 year B.Sc (Hons.) Agriculture course from this Academic Year 2021-22. Around 32 acres of arable land has been allotted for the purpose and this Vignan's Agricultural and Horticultural Sciences Farm has been named as **LARA GREEN**. The farm has been developed in to 2 blocks A & B covering *Crop Cafeteria* (0.76 ac.), *Dry Land* (6.58 ac.), *Seed Production* (3.46 ac.), *Experimental Plot for various Departments* (1.99 ac.), *Wet Land* (1.77 ac.) and *Precision farming* (1.00 ac.) in **Block A** and Centre of Excellence in Ayurveda (CEA); *Orchard and Herbal garden* (3.54 ac.), Agriculture and Biotechnology Centre (ABC); *Integrated Farming System: IFS* ( 2.31 ac.), Centre of Excellence for Protected Cultivation of Horticultural Crops (CEPCHEC); *Botanical (Poly House, Shade Net, Hi-Tech Nursery) Garden land* and *Farm Pond, Agro-met weather station*, Farm machinery, Farm office and Store Room (2.61 ac.) in **Block B**.

***"As part of the University's Carbon Zero initiative" we have committed to plant regularly and as community event every year on 28<sup>th</sup> July.***

Trees contribute to their environment over long periods of time by providing **oxygen**, improving air quality, climate amelioration, conserving water, preserving soil, and supporting wildlife. During the process of photosynthesis, trees take in carbon dioxide and produce the oxygen we breathe. Trees greatly benefit the people living around them by having a positive impact on mental health and wellbeing, reducing stress and encouraging outdoor exercise. This is in addition to the benefits they will receive from an improved environmental quality and improved amenity which comes with planted areas.

"We are fortunate to have such incredible support from our campus community. Clearly, we all love our trees and the benefits they provide,"

## **BENEFITS OF PLANTING TREES**

- **Trees are the main source of Oxygen**
- **An average tree produces enough oxygen to fulfil the oxygen need of four people**
- **Trees help in absorbing dust and other pollutants from the air, thus cleaning it.**
- **The land under the tree absorbs more rainwater and helps prevent floods**
- **Trees also absorb a considerable amount of sound and help reducing noise pollution**
- **Birds lay their eggs in the nests on the tree, thus trees help in nurturing many species**
- **Many trees also have medicinal properties and are used in healthcare industries**
- **They also save us from the harmful Ultra Violet rays, which is responsible for skin cancer**
- **Trees are also important for many industries, like timber, paper etc., helping in economic development.**
- **From roots to leaves, every part of a tree is beneficial to us.**

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