



Contents

- 74th Republic Day Celebration
- IHT Education
- Technology Demonstration

74th REPUBLIC DAY CELEBRATION

The 74th Republic Day of India was celebrated with gaiety and patriotic fervor at Institute of Horticulture Technology at Greater Noida Campus amidst the beautiful morning of 26th January, 2023. The ceremony took place in the presence of Sh. Sandeep Sudan, Co-Chairman IHT and other staff members of the Institute.

Speaking on the occasion Sh. Sandeep Sudan detailed out the events which unfold shortly after independence was declared, a constituent assembly elected by provincial assemblies went about drafting a constitution that would govern the newly independent nation. After more than two years, the constitution of India was completed and solidified the establishment of India's independent democratic government. January 26 was chosen as the official enactment date as a nod to the Purna Swaraj (complete self-rule) declaration of independence by the Indian National Congress in 1930 — considered the first concrete step toward independence from Britain.

With the 1950 constitution, the country was officially known as the Republic of India — a “sovereign socialist secular democratic republic” that “secures all its citizens justice, liberty, equality, and fraternity,” according to its preamble.

The program ended with the message to make India a great nation through collective efforts from all individual.



Basant Panchimi: Vasant Panchami is a famous festival that marks the end of the winter season and ushers in the springtime. Sarasvati is the Hindu goddess of the Vasant Panchami festival. The festival was celebrated in IHT by offering flowers and sweets to Maa Saraswati. The staff members spoke about the significance of the festival.

IHT EDUCATION

IHT Conducts Hydroponics Trainings for Prospective Entrepreneurs

In present economic situation having knowledge of an academic subject is no longer sufficient for entrepreneurs; training provides them the ability to recognize commercial opportunities, self-esteem, knowledge and skills. Hydroponics offers wide range of opportunities for business and career. This is an intensive and high tech way of growing flowers, fruit, vegetables and other crops. It does not require as much land as more traditional crop production; and it offers the possibility of producing crops for an extended period; perhaps even all year round.

To meet entrepreneur's need, institute has successfully organized 2 weeks self-sponsored training program on "Commercial Hydroponics", for entrepreneurs and students from different states. IHT also conducted 3 days e-training programme on "Basic Hydroponics".

The trainees were explained the importance of the water quality and its analysis for open & closed loop systems. The trainees went through training sessions with regard to crop varieties, seeds identification, nursery production, plant nutrition management, training-pruning, physiological disorders of hydroponics crops and greenhouse pest management. The trainees interacted with the greenhouse experts for knowing about various components of the greenhouses and climate control in greenhouse.



Glimpses of Hands on Training on Soilless Wine Crop Production and Nutrient Management

Trainings in Protected Cultivation

With globalization of markets, shrinking land and climate change, the protected cultivation of high value crops has emerged as the single most important technology for ensuring high productivity, improved quality and profitable returns. Institute has successfully completed training program on “Protected Cultivation of Vegetable Crops” for entrepreneurs. Candidates from different regions of India were showed their interest in short duration course offered by IHT. Participants were provided hands on trainings in the protected cultivation for vegetables. Interactive lectures, hands on training and technical exposure visits were conducted for trainees.

The major components of the course are interactive lectures on were soil health management, nursery production, soil and soilless bed preparation, nutrient management, moisture conservation-mulching, water management-micro irrigation, integrated pest management and post-harvest handling. The trainees found the program very useful being practical oriented which helped in understanding the technologies involved in the protected cultivation and developing their entrepreneurial skills.



TECHNOLOGY DEMONSTRATIONS

Demonstration of disease free elite Khasi Mandarin and Sweet Orange genetic stocks through Shoot Grafting (STG) and Mass Production of Quality Planting Material for NE States of India

Citrus is one of the most popular fruit crops of the world. It is cultivated in around 140 countries, including many in the Asia-Pacific. During recent years, there has been significant increase in the citrus production mainly on account of its increased use as nutritious and healthy drink. Citrus is infected by more than 15 virus or virus-like diseases, including citrus greening, citrus tristeza, citrus tatter leaf and citrus exocortis, that severely affect its production as well as quality.



Control of these diseases has become possible through the use of disease-free nursery seedlings. Institute of Horticulture Technology has made significant progress in rehabilitating citrus plantations using an integrated approach of STG-based disease-free seedling production, and produces different varieties of citrus planting material. Various awareness programme on “Mass Production of Quality Planting Material of Citrus”, was also conducted time to time in IHT Mandira.