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इंस्टीट्यूट ऑफ़ हॉर्टीकल्चर टेक्नोलॉजी Institute of Horticulture Technology

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72nd REPUBLIC DAY CELEBRATION

The 72nd Republic Day of India was celebrated with gaiety and patriotic fervour at Institute of Horticulture Technology at Greater Noida Campus amidst the beautiful morning of 26th January, 2021. The ceremony took place in the presence of Sh. Sandeep Sudan and Sh. Sanjay Sudan, Co-Chairman IHT, Dr. R.S. Kureel, Director IHT, Dr. Vijay, K. Koul, Assoc. Director, IHT. Owing to the Covid 19 Guidelines and Regulations only a few members of the staff was called for the celebrations.

The ceremony commenced with the unfurling of the National Flag by Dr. R.S.Kureel and Sh. Sandeep Sudan. This was accompanied by the rendition of National Anthem led by the Institute's Staff.

Speaking on the occasion Dr. R.S.Kureel gave a detailed account as how the constitution was drafted and various challenges the drafting committee has to go through as lot many suggestions has to be studied and incorporated by the committee. He also detailed out the fundamental duties that every citizen of this country has towards his country along with the fundamental rights we have.

The program ended with the message to create a great nation through collective efforts from all individual. Sweets were distributed among all the participants.



IHT- EDUCATION

We're pleased to provide an update about the Courses IHT is planning to be launched in this academic session. We are in process of launched new degree programmes that will open new opportunities for employment of youth in public and private sector besides helping them in establishing their own enterprises. The aim behind launching these Programmes are to improve agricultural productivity by inculcating the right concepts in students so that they become industry-ready. The new programme planned are as under-

1. Bachelor of Science Agriculture
2. Bachelor of Science Honours

The students will be imparted knowledge through classroom training, project work, seminars, assignments, research work, and a compulsory submission of minor project work at the end of the course.



CAPACITY BUILDING TRAINING

Commercial Hydroponics: Virtual and Practical Module

Hydroponics is the closest way to get fresh food which is not contaminated by the use of pesticides and herbicides. These days, agriculture has increasingly become dependent on the climatic change and we are frequently seeing the unseasonal rains and hail storms. To mitigate such constraints and for producing safe food hydroponics technology offers a way out. IHT organized 2 weeks training programmes on "Commercial Hydroponics" in different slots for entrepreneurs and students came from different regions from India. Owing to the demand of the trainees and guidelines for Covid 19 management a unique module for hydroponic course has been developed by IHT in which trainees in first week interact with the faculty of the institute in virtual mode. The lectures on all the important aspects of the programme as detailed out in the programme are delivered by the faculty in the first week followed by practical hands on training in the second week in the Institute. This saves time of the trainees to be practically present in the Institute for full tenure at the same time get to know about important aspects like importance and scope of hydroponic crop productions, factors to be kept in view while going for startups with the technology, Importance of Crop Planning and Raising of Nursery, Greenhouse Structures and Climate Control, Crop Care, Nutrient Management, Stand Operational Practices to Ensure Pesticide Free Food, Harvesting and Post-Harvest Management.

With the Hydroponics training program, trainees also got the knowledge about different intricacies which are involved in hydroponic crop production which in turn will help them to decide about going for a startup for hydroponic crop production.

Landscape Horticulture: Landscape Horticulture training programs offer a quality hands-on-training experience in growing and caring for indoor and outdoor plants. Through a this training program, trainees were learning how to grow and care for a variety of plants based on the growing cycle of each plant. The 5 days training program for entrepreneurs/students on “Landscape Horticulture” was conducted in January 2021 in different slots. The trainees had the opportunity to work in a professional setting with residential and business spaces, follow landscape designs, use machinery, and build landscape structures.



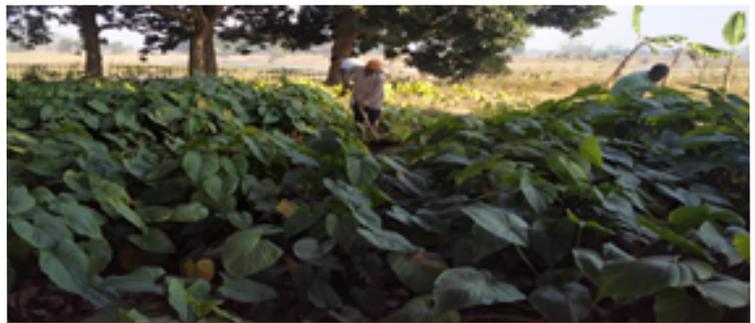
Glimpses of Hands on Experience During Hydroponic and Landscape Trainings

TECHNOLOGY DEMONSTRATIONS

Field Demonstration of Cultivation and Development of Process Technologies of Aromatic Plants Patchouli, Citronella and Sugandh Mantri in Assam- This project is for the upliftment of the farmers of Northeast region as they are encouraged and trained with new technologies developed for the cultivation and extraction of essential oil of aromatic plants with assured buyback and extraction of oil. This project is a unique feature like “Farmers Training and Participation Module (FTPM)”, FTPM is basically a mechanism to ensure the active participation of the farmers from the areas so that they are immensely benefitted in the longer run. This project is planned to encourage the production of aromatic plants for economic prosperity and the employment for the farmers of north east region.



Spraying of fungicide in Citronella Polyhouse



Weeding in Sugandh Mantri Field

BIO-TECH KISAN: Demonstration of Macro-Propagation in Malbhog Banana- For empowering farmers of Assam as scientific grass root leaders through skill up-gradation, advance technology percolation and market information in the area of Malbhog Banana, capacity building trainings for participants from Nagaland were conducted in IHT, Mandira, Assam for mass production Malbhog Banana by Macro Propagation and steps for collection of soil samples for knowing nutritional status of banana orchards. Training of Farmers in IHT, Mandira, Assam on January 2021 following COVID Guidelines on Demonstration of Macro-Propagation for Malbhog Banana.



Interactive Lectures and Hands on Training for Macro-Propagation in Malbhog Banana

Upcoming e-Trainings

S. No.	Title	Date	Duration
1.	Protected Cultivation of Vegetable Crops	1 February, 2021	2 Weeks
2.	Hydroponics Crop Production	1-3 February, 2021	3 Days
3.	Commercial Hydroponics	1 February, 2021	2 Weeks

Customized courses also offered on demand