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Dr. K.P.S. Malik - Chief Scientist (Soil) - WAPCOS LIMITED visited in IHT, Greater Noida

Dr. K.P.S. Malik - Chief Scientist (Soil) - WAPCOS LIMITED visited Institute of Horticulture Technology in November, 2023. They visited the facilities developed and installed by institute in main campus as well as in Technology Park. Dr. K.P.S. Malik was appreciative of the technologies showcased by "Institute of Horticulture Technology" and interacted with the experts from the Institute about importance of micro irrigation and capacity building of the farmers using or intend to use the micro irrigation system.. Dr. K.P.S. Malik also showed great interest in protected cultivation of Tomato, Cucumber, Capsicum and hydroponics crop production technology with micro irrigation.



Dr. K.P.S. Malik with IHT experts in IHT's Micro Irrigation Laboratory and Tomato Polyhouse in Technology Park of IHT Greater Noida

Netherlands Embassy, New Delhi deputed Gardeners to IHT for Hands on Trainings

Institute of Horticulture Technology conducted the training for the gardeners deputed by Netherlands Embassy New Delhi for up skilling them in modern gardening practices through capacity building program. Behind every good garden designer is a deep understanding of horticulture principles and practices.

Interactive lectures with hands on trainings were provided on soil solarization, bed preparation, gardens and their management, various types of gardening practices, about soil and its management, planting material production, protected structures with climate control, micro-irrigation with fertigation technology, weed management and insect-pest management. The gardeners were explained about the importance of selection of suitable plants for a specific site keeping in view the shape they will grow into, size they will be at maturity, and what attributes they have in terms of flower and leaf colour, size, and texture. The trainees were explained the importance of understanding the plants and their utility like whether they need full sun or part shade, whether they need training, and how to prune, feed, and water them.. They also visited a modern garden nursery in which a wide collection of more than 200 species of annual flowers, house plants, shrubs, trees, creepers, bonsai, ferns, fruits, vegetables and medicinal plants, etc. was there. The main goal behind this training program is to increase the life skills of the Embassy gardeners.



Few glimpse of Netherlands Embassy training programme on "Modern Gardening Practices"

ENTREPRENEURIAL CAPACITY BUILDING TRAININGS

The one-week training programme on “Protected Cultivation of Vegetables” for the entrepreneurs was organized at IHT Greater Noida

The objective of the programme was to develop entrepreneurship in protected cultivation of vegetables by imparting hands-on training and class room lectures, so that the beneficiaries may take up their own entrepreneurship activity for improving their profitability and productivity. Protected cultivation is one of the fastest growing sectors of horticulture across the country. It has emerged as a profitable venture because of its multifarious benefits. This production system alleviates the issues related to open field conditions such as temperature extremity, hot and cold waves, hail storms and rains, stray birds and animals attack and so on. Since it provides favourable environments, off-season cultivation is possible, the yield enhancement is manifold, with superior quality of produce. Overall, it provides more returns per unit of area, per unit time and per unit of applied resources (water and fertilizers).



The two-week training programme on “Commercial Hydroponics” for the entrepreneurs

Institute of Horticulture Technology organized training programme for the entrepreneurs on “Commercial Hydroponics”. During training entrepreneurs made aware of standard operating procedures necessary for hydroponic crop production. By the adoption of S.O.P’s healthy and disease free seedlings can be raised which is essential for a healthy hydroponic crop production.. The participants were made aware about water quality analysis, plant nutrition management, greenhouse technology- climate control, production technologies for various crops, training and pruning, physiological disorders of hydroponics crops (due to climatic factors and nutrients imbalance), greenhouse pest management and marketing practices of hydroponic crops. Greenhouse development and its proper utilization attracted the participant most as this helps them to trouble shoot the problems in greenhouse management and enhance the efficiency of their hydroponic crop production system.



Hands on training on hydroponic planting material production, vine crop production in growbags and leafy greens production in NFT system

CAPACITY BUILDING ONLINE PROGRAMMES

Mushroom Cultivation

This online course is aimed at those who would like to work in the industry, or set up their own commercial mushroom farm, or those who would like to grow mushrooms for their own consumption. IHT conducting 3 days' online course on Mushroom Production Technology, participants from different states of India showed interest in the e-training program. The major components of the course were interactive lectures on – about structure needed for mushroom cultivation and cultivation practices for Button and Oyster type of mushroom, preparation of compost and spawn for mushroom production, methods of seed/spawn sowing in grow bags, casing and methods of casing preparation, methods of irrigation for mushroom cultivation and IPM.



UPCOMING TRAINING PROGRAMMES

S. No.	Title	Duration	Mode of Training
01	Landscape Horticulture	2 Week	Online cum Offline
02	Commercial Hydroponics	2 Week	Online cum Offline
03	Online Basic Hydroponic	3 Days	Online
04	Protected Cultivation of Vegetables Crops	1 Week	Online and Offline
05	Mushroom Production	3 Days	Online

**Customized courses are also offered on demand.*

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