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76th Independence Day Celebration in Institute of Horticulture Technology, Greater Noida and Mandira, Assam Campus

The Institute of Horticulture Technology (IHT) celebrated Independence Day 2022 with hoisting of national flag by Sh. Sandeep Sudan, Co-Chairman in IHT Greater Noida campus and by Sh. Sanjeev Kulshreshtha, Registrar in Assam Centre - Mandira of IHT.

Sh. Sanjay Sudan, Co-Chairman's IHT also graced the occasion along with the other faculty and administration staff of the Institute. Addressing the gathering Sh. Sandeep Sudan detailed out the struggle of the freedom fighters and emphasised the need to be responsible citizens and contribute to the nation building. The program ended with the message to create a great nation through collective efforts from all individual.



Glimpses of the Independence celebrations in IHT Greater Noida and IHT, Mandira, Assam

IHT EDUCATION AND TECHNOLOGY DEMONSTRATION

Entrepreneurial Capacity Building Trainings

American India Foundation Trust

Kitchen Gardening: For a successful kitchen gardening there is a need to be aware of the soil characteristics, seed, crop care, nutrition requirements of plants, pests - diseases and their control. Gardeners also need to acquire skills in grafting, pruning, weeding and harvesting of flowers, fruits and vegetables. Institute of Horticulture Technology organized 2 weeks training programme for officers of American India Foundation Trust Gurugram Haryana on "Kitchen Gardening". The trust plan to educate farmers in rural areas about the innovative techniques for Innovative Kitchen Gardening practices so that they have nutritious food available for better health and livelihood. The trainees were provided hands on training in various technologies needed for successful and sustainable kitchen gardening. This training will help the trainees to educate the farmers about as how to trouble shoot the problems in Kitchen Gardening and enhance the efficiency of their kitchen garden.



Trainees Undergoing Hands on Training on Soil Testing, Plug Type Seedling Production and Seed Sowing on Soil Bed



Hands on Training on Field Preparation for Crop Growing



Hands on Training for American India Foundation Officers on Container Gardening



Participation Certificate Distribution

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. One-week training program for entrepreneurs' on "Protected Cultivation" was conducted in IHT campus. Participants were provided interactive lectures and hands on trainings on various aspects comes under protected cultivation like seed selection, soil, water and nutrient management, moisture conservation, weed management, structure design, climate control, insect pest management and crop care.

Commercial Hydroponics: It may sound complicated to become a hydroponic grower, however, actually with the right guidance and patience with hydroponics technology a grower can produce more food per square meter compared to open field. This technology provides an opportunity to produce higher quality produce in a faster time. Hydroponics is a great solution for safe food production and is becoming more and more popular amongst the prospective entrepreneurs primarily because of its efficiency. IHT organized 2 weeks training on hydroponics for progressive entrepreneurs. The training comprises all the requirements from structure to the production of different crops with controlled environment, nutrient recipes, water quality analysis, plant nutrition management, greenhouse technology- climate control, production technologies for various crops, training and pruning, hydroponic greenhouse pest management etc.



Trainees Undergoing Hands on Training on Hydroponic Nursery Production and Crops Care

TECHNOLOGY DEMONSTRATION

Farmers Training – IHT in collaboration with Assam Agricultural University and Central Agricultural University, Meghalaya

IHT, Mandira, Assam in collaboration with Assam Agricultural University and Central Agricultural University, Meghalaya organized training on bio-fertilizer and bio-pesticides at IHT Mandira Assam campus with an objective to make farmers aware of the potential of bio-fertilizers and bio-pesticides. This training was conducted under the project of "Multi-institutional approach on development of technology driven bio input production clusters for mass production of bio fertilizers and biopesticides for promotion of eco-friendly farming with collateral development of bio entrepreneurship in vegetables, spices and small tea growers of North East Region of India for better livelihood". Bio-fertilizer was provided to the selected farmers by Dr. Nirmal Mazumdar, Principal Scientist from HRS, AAU, Kahikuchi, Guwahati Assam and Dr. Pranab Dutta, Associate Professor, CPGSAS, Central Agricultural University, Umaiamp Campus, Meghalaya.



Farmers Undergoing Training on Mass Production Bio Fertilizer and Biopesticides at IHT Mandira Assam

Banana Plants Distribution and Training Programme for Farmers of Assam

IHT, Mandira distributed tissue culture raised Malbhog banana plants to the selected beneficiary farmers of Assam and organized training programme for farmers on plantation and crop care for the banana plants. Malbhog banana is the chieft fruit of the state and farmers face constraint of non-availability of quality planting material. IHT is working for mitigating the constraint by providing tissue cultured quality Malbhog banana plants to the selected beneficiaries for quality evaluation in field conditions.



Tissue Culture Raised Malbhog Banana Plants Distribution to Farmers of Assam

UPCOMING TRAINING PROGRAMMES

S. No.	Title	Duration	Mode of Training
1.	Landscape Horticulture	2 Week	Online cum Offline
2.	Commercial Hydroponics	2 Week	Online cum Offline
3.	Online Basic Hydroponic	3 Days	Online
4.	Ornamental Nursery Production	3 Days	Online
5.	Mushroom Production	3 Days	Online
6.	Protected Cultivation of Vegetables Crops	1 Week	Online and Offline

*Customized courses on protected cultivation of vegetable crops, commercial hydroponics, mushroom cultivation, vegetables nursery production, forest plant nursery management, commercial hydroponic also offered on demand.

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