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HINDI DIVAS

Hindi Diwas is celebrated across India on 14th of September every year to remember the 14th of September 1949. The day commemorates the event when Hindi was adopted as one of the official languages of India. Hindi written in Devanagari script is one of the two official languages of the Union Government and the other language is English. It is one of the 22 languages of the Republic of India. It is also said that by the efforts of Beohar Rajendra Simha along with some other people including Hazari Prasad Dwivedi, Kaka Kalelkar, Maithili Sharan Gupta and Seth Govind Das, Hindi was recognized as one of the two official languages. Apart from India, the Hindi language is also spoken in several other countries, like Nepal, Guyana, Trinidad and Tobago, Suriname, Fiji, and Mauritius



Institute of Horticulture Technology celebrated Hindi Diwas with Sh. Sandeep Sudan- Co-Chairman Chairing the occasion. All faculty and other staff members put forth their views elaborating the importance of using Hindi in day to day affairs. Rising to the occasion Prime Minister Narendra Modi greeted people on the occasion of 'Hindi Diwas' and

said that its simplicity, spontaneity and sensitivity always attract people towards it. PM congratulated all those people who have contributed tirelessly in making Hindi prosperous and empowered.

Bhasha Samman award has been started on Hindi Diwas to inspire people towards Hindi as well as other languages. This honour is given annually to special writers for significant contribution to Indian languages and also for contribution to classical & medieval literature.



IHT EDUCATION AND TECHNOLOGY DEMONSTRATION

Entrepreneurial Capacity Building Trainings

IHT organized online and offline training programmes for entrepreneurs, the training courses were short duration from 3 to 15 days. The participants found the trainings very informative and express the importance of training programs, the information given by experts and faculty was a great learning experience

Commercial Hydroponics: Institute successfully organized 2 weeks online cum offline training program on “Commercial Hydroponics” for entrepreneurs. During the training, the trainees are explained well about water quality analysis for open & closed loop, plant nutrition constituents and management, nursery production, seeds identification, climate control in greenhouse, cladding materials, pruning, physiological disorders of hydroponics crops and hydroponic greenhouse pest management etc. The trainees get information about the S.O. P's required for growing hydroponic crops without pesticides.

Landscape Horticulture: Many from us are familiar with gardens and landscapes, but many people may do not have knowledge to fully understand how to create the different components of these different landscapes and hoe to select appropriate plants, how to design and construction and many more landscaping related issues. In this training programme trainine developed skills in general horticulture, plant identification and use, designing and constructing gardens. During training students were explained about planting material, nursery production, plant propagation, types of gardens, kitchen /terrace/vertical gardening, planning and designing of greenhouse technology related to landscape horticulture, soil health management, bed preparation, moisture conservation, soil solarization, bonsai making, irrigation and fertigation, disease, pest and nutrient management, training and pruning in garden plants, establishment and maintenance of lawn and turf, culture of floral display, maintenance of garden and container gardening.

Mushroom Production Technology: A three days online training programme on Mushroom Production Technology was organized at IHT from 22-24 September 2022 for entrepreneurs with an objective to develop entrepreneurship among youth by imparting training. All the aspects related to mushroom cultivation were covered like spawn production, production technology of button and oyster mushrooms, nutritive and medicinal properties, 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, machinery, equipment for mushroom farm, farm layout, disease and pest management, sanitation & food safety in the mushroom farm.



Few glimpse of training programmes organized in IHT Greater Noida campus for entrepreneurs came from different states

TECHNOLOGY DEMONSTRATION

The project entitled **“Pilot Scale Demonstrations of Strawberry Cultivation with Sustainable Agro Technological Interventions in Farmers Fields of Meghalaya”** was successfully completed with positive outcomes in 2022. Meghalaya is the third largest producer of strawberry in the country. Interventions to address the technological gaps such as replacement of planting material with new disease free tissue cultured plants and adoption of modern good agricultural practices (GAP) was made and demonstrated to the farmers in main hub in BRDC, Shillong and in farmers’ field.



Under this project appropriate crop production modules/agro technological packages was demonstrated to farmers and 50 farmers were identified and selected for establishment of demonstration units in their fields in districts of West & East Khasi Hills, Jaintia Hills and Garo Hills of state. The farmers were provided with all the inputs including tissue cultured plants of popular strawberry varieties along with trainings at different growth stages of the crop to standardize the production practices and familiarize the farmers on the same. The farmers are now well trained in strawberry cultivation and have continued the cultivation of Strawberry after the conclusion of the project. Meghalaya farmers became familiar with strawberry cultivation with the technological interventions like micro irrigation, soil water conservation and management of weeds by mulching. The project has helped and in future will help the farmers to increase their livelihood income.

Training Programme on “Quality Plating Material and Grafting Techniques”

Training programmes under different research and development projects were conducted in various demonstration units established in the farmers’ field as well as at main Hub in Assam in September 2022. IHT organized training program on “Quality Plating Material and Grafting Techniques” for framers of Assam. This training was conducted under the project of “Establishment of disease free elite Khasi mandarin and sweet orange genetic strokes through shoot grafting (STG) and mass production of quality planting material for NE states of India”. Experts addressed to progressive farmers for developing skill in micro budding and tools require for budding tape, hand pruner or secateurs, budding knives and sharpening stone, quality plating material and grafting techniques.



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

Training Programme on Turmeric Production and Crop Management under Good Agricultural Practices”

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Farmers of Assam along with IHT experts during training programme on “Turmeric Production”

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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