



# इंस्टीट्यूट ऑफ़ हार्टीकल्चर टेक्नालॉजी Institute of Horticulture Technology

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Monthly

## TRAINING ON HORTICULTURE TECHNOLOGY – INNOVATIONS AND PRACTICES

During this month, two trainings were organized. The Participants were progressive farmers from Chhattisgarh. The pedagogy of the training programmes of 5-7 day duration was based on experiential learning that is providing practical “Hands on training”. Course curriculum was basically Vegetable dimensional covering Hi-Tech Nursery Production, Production Technology of High value crops and Post Harvest Management. Trainees got acquainted with planting and management techniques of High value crops in

poly-house. They also learned Soil Solarization techniques and mulching in vegetable crops. They developed understanding of Integrated Pest Management in Vegetable crops.



IHT - Building



IHT Scientist explaining micro-irrigation system to farmers

### Important Visitor:

1) Shri Suresh kumar Thakur, Assistant Director of Horticulture from Bemetara and Gariyaband district Chhattisgarh were invited in function for certificate distribution Shri SK Thakur encouraged farmers to take due advantage of subsidies and other government schemes for expanding their horizon of learning and adopting advanced horticultural technologies. He took keen interest in knowing their Problems and provided solution.



Shri SK Thakur ADH, Chhattisgarh distributing certificate to progressive farmers.

### IHT HIGHLIGHTS:

- First skill development Institute in Horticulture in NCR.
- Recognized by Assam Agricultural University, Jorhat, Assam.
- World class infrastructure with air conditioned class rooms.
- Par excellence demonstration unit for providing hands – on training to farmers.
- Practical oriented courses.
- Advisory Board including stalwarts of horticulture industry supported by distinguished in-house and guest faculty.
- MOUs with distinguished government bodies.
- Bilateral agreement with renowned International institution.



Interactive session during training

## Details of skill development programme

S. No.	Details of Participants	Duration	No. of Trainees	State	Training Title
1.	Progressive Farmers	07 Days	57	Bemetara, Chhattisgarh	Innovative Vegetable Production Technology
2.	Progressive Farmers	05 Days	200	Koriya, Chhattisgarh	Good Horticulture Practices

### Important problems raised by trainees and their solutions

At the end of training, we conducted a question answer session in which farmers posed various problems in terms of crop production and other related aspects. Problems were mostly based on diseases, insects and other related problems affecting crop yield. After understanding the symptoms, scientists recommended various control measures. Some of the questions are given as under:

- a. **In Brinjal crop, the plant dries off completely. What can be the reason for this? Please provide some control measures.**

**Solution:** On roots of affected plant, nodes were present. Scientist suggested that it may be due to nematodes. It was further suggested to keep proper sanitation in field, follow crop rotation and practice soil solarization. Scientist also recommended soil treatment with Telone C 35 and also described the method of application and other precautions to be followed.



Training : Interaction with participates in class room.



Interaction with farmers by Shri SK Thakur ADH, Chhattisgarh.



Institute Make Horticulture a Success Story by Skill Development  
(Exposure Visit During Training )

### Exposure Visit:

Participants were acquainted with the marketing system of various horticulture crops. Besides, they were also given an opportunity to see some historical places, parks and landscaping pattern in different organizations. According to participants the exposure visit was very useful and essential to update their knowledge specially in respect of marketing system of perishable commodities.

### Feedback From Trainees:



Institute of Horticulture Technology is the only institute that taught us by hands on training on various innovative techniques in horticulture. The best part of this training is field practical.

**Suresh kumar Verma,**

Village: Conadiya, P.O. – Gudheli, Distt. – Bemetara



Training was highly informative. This was for the first time, I had seen such high productivity of greenhouse crops. I gladly accept their behavior, conveyance and lodging facilities were highly appreciable.

**Mohan Singh Verma,**

Village : Telai kuda, Bemetara

### Publications and Participation in Conferences:

Institute of Horticulture Technology, Greater Noida Prepared a valuable document for entrepreneurs on “ Innovative Production Technology of Vegetable crops”. This Publication is highly beneficial and useful for all amateurs in horticulture.

### Participation in Seminar/ Conferences

Dr. Amrita Bhattacharjya, one of our scientist has attended an International Seminar on "Integrating Agriculture & Allied Research: Prioritizing Future Potentials for Secure Livelihoods" held during 6-9 November, 2014 at Bidhan Chandra Krishi Viswavidyalaya, West Bengal and presented research paper entitled "Effect of crop geometry on yield and quality of seed and essential oil of Dill



Active Participation of trainees in discussion with IHT scientist

(*Anethum sowa*)". She has also published one more research paper entitled "Performance of dill germplasm as intercrop and monocrop in the Gangetic plains of West Bengal" in the Journal of Crop and Weed Science.

## COURSES OFFERED

Course Code	Date - Month	Duration	Course Title
<b>January 2015</b>			
TEC-512	Every Monday	5 days	Innovative Irrigation and Fertigation Techniques in Greenhouse
TEC-513	Date:5th, 12th	5 days	Vermicompost – Production and Use
TEC-515	19th	5 days	Rejuvenation of Senile/ Unproductive Orchards
MGT-717		7 days	Greenhouse Construction, Management and Production
TEC-715	4-10 January	7 days	Design and Development of Greenhouse
CC-701	5-19 January	15 days	Certificate course on production of high value crops in Polyhouse
PRT-516	13-17 January	5 days	Innovative Nursery Raising Techniques in Vegetables
MGT-511	19-23 January	5 days	Good Horticulture Practices
PRT-711	19-25 January	7 days	Production of Vegetable Crops (Tomato/ Cucumber/ Capsicum) under Polyhouse
PRT-517	27-31 January	5 days	Vegetable Seed Production
<b>February 2015</b>			
TEC-512	Every Monday	5 days	Innovative Irrigation and Fertigation Techniques in Greenhouse
TEC-513	Date: 2nd, 9th,	5 days	Vermicompost – Production and Use
TEC-515	16th, 23rd	5 days	Rejuvenation of Senile/ Unproductive Orchards
MGT-717		7 days	Greenhouse Construction, Management and Production
PRT-711	1 - 7 February	7 days	Production of Vegetable Crops (Tomato/ Cucumber/ Capsicum) under Polyhouse
MGT-511	10-14 February	5 days	Good Horticulture Practices
COO-01	14-16 February	3 days	Hi-Tech Nursery Management and Production of Quality Planting Material
PRT-517	18-22 February	5 days	Vegetable Seed Production
COO-02	21-23 February	3 days	Production of High Value Vegetable Crops under Polyhouse
TEC-516	23-27 February	5 days	Organic Farming



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