



ISO 9001-2008

इंस्टीट्यूट ऑफ़ हॉर्टीकल्चर टेक्नालॉजी
Institute of Horticulture Technology

Recognised by Ministry of Agriculture & Farmers Welfare, Government of India



*Capacity Building for Women in
Modern Horticulture Production Technologies*

ABOUT INSTITUTE:

Institute of Horticulture Technology – IHT is Asia's leading Horticultural training institute empanelled by Ministry of Agriculture and Farmers Welfare, Govt. of India dedicated for advancing horticulture especially protected cultivation. Considering the technology needs of horticulture crop production it has become imperative to train our human resources to cater to the requirements of this rapidly developing industry.

The vital link of providing trained manpower to the emerging requirements of the horticulture sector has prompted us to take the initiative of launching an Institute of Horticulture Technology in the year 2009 in NCR region at Greater Noida. It has been our endeavour to ensure that it has State-of-the Art facilities coupled with experienced and professional faculty to ensure a steady supply of well trained manpower which is fine tuned to requirements of the present and future horticulture industry.

We offer short term and long term courses providing female field workers and female officials of all levels a platform of transferable skills and knowledge. IHT offers capacity building/skill development training under MIDH/PMKVY programmes. We promote our commitment to the trainees through industry. We provide relevant literature with a practical understanding of the skills those underpin various technologies. The Institute organizes various events and confers honours on persons who are deemed to be deserving special recognition in the field of horticulture.

Institute of Horticulture technology is the best place for women officers/female field workers desirous of having hands on experience in modern technology of horticulture including precision/protected cultivation to take advantage of our world class facilities for enhancing their competence and empowering them with the latest know how in horticultural production technologies



- Established in 2009.
- Chairman: Dr. K.L. Chadha Padma Shri Awardee, Former DDG, Horticulture, ICAR, New Delhi
- India's leading training Institute dedicated for Hi Tech Horticulture trainings for Trainers & Progressive farmers.
- Equipped with highly trained, qualified and dedicated faculty including faculty from other countries.
- ISO 9001:2008 Certification

RECOGNITIONS

- Ministry of Agriculture and Farmers Welfare, Government of India.
- Ministry of Science and Technology, Government of India.
- International Trainings under Ministry of External Affairs, Govt. of India.
- Assam Agricultural University, Jorhat, Assam.
- International Association- Wageningen University, The Netherland

APPROVED TRAINING CENTRE

Govt. Programmes:

- Mission for Integrated Development of Horticulture – MIDH
- Pradhan Mantri Kaushal Vikas Yojana – PMKVY
- Agriculture Skill Council of India - ASCI

IHT ROLE IN WOMEN EMPOWERMENT :

Women play a significant role in horticultural operations such as nursery raising, planting, weeding, harvesting and seeds storage, whereas men mainly take care of marketing aspects. Thus the role of women are confined to major field operations.

Institute of Horticulture Technology is mainly working on making Horticulture operations more technology driven and in that increasing the profitability so that the cash flow for the women is enhanced. The best way to empower the peri urban women is to build their capacity in modern horticulture technology with an objective to save them from drudgery and enhance their income.

S.No.	Sector	Women %
1	Percentage of women who depend on agriculture for their livelihood	84%
2	Cultivators	33%
3	Agricultural labourers	47%

Objective of Capacity Building Programme for Women

- Enhance cash flow of women in Rural & Peri urban
- Save women from drudgery of traditional horticulture practices
- Empower them from latest technologies
- Enhance nutritional security
- Production of quality and safe food.

THE PROGRAMME :

This Hi-tech horticulture training programme is exclusively and specially for women to make them understand the modern techniques in horticulture and the basics of crop growing technology.

Demonstrations shall be given to apprise them about productivity enhancing practices such as use of quality seeds and improved varieties, seed treatment, nutrient management, vegetable cultivation, plant protection measures, etc.

Other technologies can also be included like vermicomposting as this improves soil fertility and minimizes the laborious and often unpleasant task of carrying farm yard manure by head load, vermicompost being comparatively lightweight.

Exposure visits will be organized for these groups of women to state level universities, and other industries.

Specialized trainings in food processing and fruits and vegetable preservation can be included to provide a new advantage to their post-harvest management practices and they can start making quality pickles, jams, Sheera etc. not only for their own consumption but also for sale in nearby markets, thereby adding to their earnings.

COURSE CONTENTS:

The course content can be customized. The course will be taught by women teachers to make the participants more comfortable. It will contain:

1. GREENHOUSE TECHNOLOGY:

- Maintenance and operation emphasizing the different module for specific crops. Greenhouse technology is one such technology which can be beneficial to the women. It is a woman friendly technology.

Advantages:

- Women can utilize their intellect in learning new technology as most of them are literate now but not opting this field as profession due to various constraints.
- Women have a good learning power and moreover retain the knowledge with them and improvise also, so this will be an ideal technology for women to learn.
- There are no working hour's constraints.
- Working with new technologies is not a labor intensive as it includes machines.
- By using these technologies, women can handle the different tasks of production and harvesting easily
- Women can play a significant and crucial role in horticultural development. We envisage that this programme will ensure better life and status for these women through the economic empowerment.

2. MUSHROOM PRODUCTION

Advantages:

- Mushrooms have cancer-fighting and anti-tumor properties.
- They also contain antioxidants that are unique to mushrooms, such as ergothioneine,

which according to studies is a highly powerful antioxidant. It is produced by fungi and certain mycobacteria found in soils.

3. NURSERY PRODUCTION IN INERT MATERIAL

Advantages:

- To possible growing seedling in adverse condition.
- Suitable management of insect, disease and weeds.
- Protection from Soil born diseases.
- Early and quick germination of seeds.
- Easy transportation of plant from one place to another place.
- Prepared seedling free from diseases and insect pests.

4. FLORICULTURE AND VALUE ADDITION

Advantages:

- Value addition means increasing the value of a raw product anytime between harvesting and sale of the final product through changes by processing /preservation/packaging.
- Any product can be considered value added if it is grown by farmer and increased in value by labour and creativity.
- The consumers are willing to pay more for the value added products compared to raw ones.
- Value addition includes preparation of products from fresh flowers like cut flower arrangements, bouquets, garlands, corsage, wreaths, and buttonholes.

5. LANDSCAPING

Advantages:

- Reduction of storm water runoff reducing local flooding. Control temperature extremes, stay cool in summer and warmer in winter. Erosion control reducing loss of soil in waterways.
- Another interesting fact supporting landscapes with trees is that one tree can also supply enough oxygen for four people every day. What a great reason to plant a tree!

6. HOME SKILL FRUIT & VEGETABLE PRESERVATION

Advantages:

- Food is pretty much as it comes out of the garden and is considered fresh
- It is a greener alternative to storage than using an extra refrigerator or freezer.
- It is healthier to use whole foods, than it is to use foods processed by freezing or canning.
- You will probably be able to store more of your harvest than you could in the refrigerator.



Significant Step Towards Successful Career in Horticulture



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