

## **B.VOC.(GREEN HOUSE TECHNOLOGY)**

### About the course

In rural areas a green house can be very useful for production of crop and drying of crop etc. In the present scenario, to meet the worldwide increasing demand of enhancing production, greenhouse cultivation can serve as a suitable solution, which facilitates off season cultivation and protects crop from unfavorable conditions in the outdoor.

Besides this, a greenhouse can prove to be a better option for rising of nursery and cultivation in the region which have soil problems and extreme climates.

The massive production of fresh and high quality vegetables has been very popular in many developed countries in Asia (Mediterranean region, china, South Korea, Japan etc.) to get fresh, high quality fruits and vegetables year round. India is also paying attention under the flagship scheme of Mission for Integrated Development of Horticulture, which provide financial assistance for capital investment by the farmers.

Green house technology is one such technology which will generate more employment opportunities for young youth and will meet the demand of urban cities for quality and disease free produce. For any technology, to be successfully adopted, there needs to be proper training and knowledge to get maximum benefits.

Sri Muktsar sahib also has water logging problem and hardness of water problem in the underground water. Keeping this in mind export potential and economy of the region can be increased by green house technology.

Green house cultivation helps to create favourable microclimates by which vegetables and flowers can be produced throughout the year/part of the year as per requirement. Besides this hybrid seeds, high value vegetables, cut flowers, fruits, medicinal plants can be useful in providing employment opportunities and profit to the farmers .

The green houses can be used for production of medicinal plants of high economic value. The technique can help in increasing the crop yield by twelve times higher than outdoor cultivation.

The region of Sri Muktsar sahib (Malwa region) of Punjab, is having a more prevalence of problem of Cancer (excessive use of fertilizers and pesticides have been blamed for it) according to some studies. Promotion of

Green house technique in this area will help in efficient utilization of chemicals, pesticides to control pest and diseases.

Green houses allow a greater amount of crops to be grown in a defined area compared to usual farming practices in tradition.

It pays importance to adding correct nutrients based upon the needs of plants. With many farmers in the rural areas, being unable to access affordable soil testing equipment, youths trained in the technology can be in good demand.

### **Employment oppourtunities**

- Nursery Manager
- Green House Assistant
- Green House Technician
- Green House Manager
- Green House Supervisor
- Green House Production Manager
- Self employment
- Run an NGO
- Flourist

### **Eligibility:**

10+2 in any stream with 45%marks

**Duration:** 3 years with Multiple exit levels

### **Multiple exit levels:**

One year : Diploma

Two years: Advanced Diploma

Three years: B.Voc. Degree

### **Teaching –Learning Methods**

The methods are student centered and involves Group discussions, Classroom teaching, Practicals, summer trainings and field visits

## Faculty Profile

Incharge	Dr. Sukhvinder kaur 8968892388	Asst.prof., of Zoology
Faculty	Mr.Gursharanbeer singh	Asst.prof., of Green house technology

## Photo Gallery



Students working inside Green house



Strawberry Plantation in Green house