

## **HOR 401 Rural Horticultural Work Experience 0+6(RHWE)**

The students in groups (4 to 5) shall be placed under different horticultural industries across the country for practical exposure for setting up an industry, working of the industry, technology in adoption, marketing of the products and its logistic management. The different horticulture industries include

- Processing of fruits and vegetables
- Processing of spices and condiments
- Processing of medicinal plants
- Landscaping and turfing
- Marketing and logistic management
- Dry flower Industry
- Green house production of cut flowers and vegetables
- Tissue culture

In addition, the students in groups shall be placed in different districts, in particular villages to study and explore the potentialities of horticulture crops as **Village Stay Programme**. The students shall survey the village, collect general information on the village, infrastructure, cropping pattern, technology adoption, awareness on recent scientific advancements, social culture etc. They shall interview the individual farmers (marginal and big farmers) on different aspects and conclude with a report on the status of the village for exploring the horticulture potentialities.

The students shall be attached with concerned **Assistant Director of Horticulture** at different districts of Tamil Nadu to study the organizational set up of Department of Horticulture and the schemes in operation, subsidy provision to farmers on different inputs, other activities etc.

The students shall also be attached with major **Non-Government Organizations (NGO)** in different districts of Tamil Nadu to study the organizational set up, role of NGO in upliftment of farmers, the schemes offered by NGO other activities etc.

## **HOR 402All India Study Tour0 + 1**

The students will visit various national and international institutions related to agriculture, horticulture, forestry and other allied fields in various regions of the country. During the tour programme, the students will gain first-hand information on different agro-climatic zones, crops grown, cultivation practices, socio-cultural and economic status of the farming communities. The duration of the tour will be 15 days. The students will be evaluated as indicated below:

<b>Item</b>	<b>Marks</b>
Attendance	10
Behaviour	15
Tour diary	15
Tour record	15
Written test	30
Viva voce	15
<b>Total</b>	<b>100</b>

### **Practical schedule**

The following institutes may be visited based on the requirement.

1. Visit to CRIDA, Hyderabad, AP.
2. Visit to IIHR and Gardens, Bangalore.
3. Visit to seed production units, Bangalore.
4. Visit to Jain irrigation and banana hi-tech field at Jalgaon, Maharashtra
5. Visit to NRC for Grapes, Pune and near by pomegranate orchards.
6. Visit to NRC for Onion and Garlic, Nasik.
7. Visit to Dr. Y. S. Parmar University of Horticulture and Forestry, Nauni, Solan
8. Visit to CPRI, Shimla and Mushroom Research Institute, Shimla.
9. Visit to PAU, Ludhiana
10. Visit to Rose Garden and Rock Garden, Chandigarh
11. Visit to Moghul Gardens at TajMahal, Agra
12. Visit to Forest College, Dehradun
13. Visit to Remote sensing unit, Dehradun
14. Visit to IARI, NBPGR & NSC, New Delhi.

## **HOR 403Project Work (0+4)**

### **Practical**

A group of 5 to 8 students will work on a specified topic suggested by the course teachers on various aspects of agri - horti business, rural farming, small and cottage industry and cooperative firms. A project report will be prepared and submitted by the students group.

### **Programme**

Identification of thrust area - attachment of students group with the agri - horti business units, small and cooperative firms - details on establishment - type of ownership - private limited - public limited - cooperative society - functions - employment generation - raw materials - availability - end user industries - quality evaluation - standard of operation - total quality management.

### **Evaluation pattern**

Selection of topic	: 10
Basic data collection for the project work	: 10
Time management for project work	: 5
Project report	: 75

## HOR 403 Project Work (0+4)

### Practical

A group of 5 to 8 students will work on a topic of interest under the guidance of the group teacher. A project report will be prepared and submitted by the students group.

### Evaluation pattern

(Evaluation in both VII and VIII semesters)

Research area identification and collection of literature (VII sem)	-	20 Marks
	-	40 Marks
Work done (VIII sem)	-	20 Marks
Report (VIII sem)	-	20 Marks
Presentation & Discussion (VIII sem)		
	<b>Total</b>	<b>- 100 Marks</b>