1. **Training Programme on Mushroom Cultivation**
   - Duration: 5 days
   - No of participants: 20
   - Training Fee: Rs. 6000/- per participant (minimum Rs. 1,20,000)
   - Training Months: Round the year

   - Introduction to Oyster, Button and Milky Mushroom
   - Span preparation
   - Casing soil
   - Methods for mushroom cultivation and its disease and pest management
   - Value addition
   - Marketing and economics

   Training Coordinator: Dr. KK Mishra, Principal Scientist and I/C Crop Protection Section

2. **Training Programme on Apiculture (Beekeeping)**
   - Duration: 5 days
   - No of participants: 20
   - Training Fee: Rs. 6000/- per participant (minimum Rs. 1,20,000)
   - Training Months: Round the year except winter months (November to February)

   - Introduction to Apiculture
   - Practical
   - Summer and winter management of honeybees
   - Disease and pest management
   - Honey extraction
   - Marketing and economics

   Training Coordinator: Mr. Amit Umesh Paschapur, Scientist (Agril. Entomology), Crop Protection Section

3. **Training Programme on Seed Production**
   - Duration: 5 days
   - No of participants: 20
   - Training Fee: Rs. 6000/- per participant (minimum Rs. 1,20,000)
   - Training Months: August-September, March-April

   - Principals of seed production
   - Seed production techniques
   - Seed production of major hill crops
   - Seed Certification
   - Seed processing
   - Marketing and economics
   - Visit to seed production site(s)- subjected to availability of additional funds

   Training Coordinator: Dr. RK Khulbe, Senior Scientist (Plant Breeding), Crop Improvement Division
4. **Training Programme on Protected Cultivation**  
Duration: 5 days  
No of participant: 20  
Training Fee: Rs. 6000/- per participants (minimum Rs. 1,20,000)

- Principal and concept of protected cultivation
- Nursery management
- Cultivation techniques of major crops in poly-house
- Disease and pest management
- Harvesting management
- Marketing and economics

Training Coordinator: Dr. NK Hedau, Principal Scientist (Vegetable Science)/ Dr. GV Chaudhry, Scientist (Vegetable Science), Crop Improvement Division

5. **Training Programme on Off-Season Vegetable Cultivation**  
Duration: 5 days  
No of participant: 20  
Training Fee: Rs. 6000/- per participants (minimum Rs. 1,20,000)

- Principal and concept of off season vegetable cultivation in field condition
- Nursery management
- Cultivation techniques of major crops
- Disease and pest management
- Harvesting management
- Marketing and economics

Training Coordinator: Dr. NK Hedau, Principal Scientist (Vegetable Science)/ Dr. GV Chaudhry, Scientist (Vegetable Science), Crop Improvement Division

6. **Training Programme on Micro-irrigation System (MIS)**  
Duration: 5 days  
No of participant: 20  
Training Fee: Rs. 6000/- per participants (minimum Rs. 1,20,000)

- Construction of poly tank
- Designing and layout of micro irrigation system
- Integration of water harvesting with gravity fed micro irrigation system (MIS) in terrace land for growing vegetables
- Installation and Maintenance of micro irrigation system
- Efficient water management techniques for hill agriculture

Training Coordinator: Dr. Jitendra Kumar, Scientist (Soil and Water Conservation Engineering), Crop Production Division
7. **Training Programme on construction of plastic structure for protected cultivation**
   Duration: 10 days  
   No of participant: 10  
   Training Fee: Rs. 11500/- per participants (minimum Rs. 1,15,000)
   - Fabrication of low cost poly house
   - Fabrication of portable poly-house
   - Fabrication of poly-tunnels
   - Marketing and economics

   Training Coordinator: Dr. Sher Singh, Principal Scientist (Agronomy)/ Dr. Shyam Nath, Scientist (Farm Power and Equipment), Crop Production Division

8. **Advanced Training for Black smith**
   Duration: 10 days  
   No of participant: 5  
   Training Fee: Rs. 16000/- per participants (minimum Rs. 80,000)
   - Trainings on Welding/ Fitting/ Cutting/ Grinding
   - Training on workshop operations
   - Making of small tolls used in agriculture

   Training Coordinator: Dr. Shyam Nath, Scientist (Farm Power and Equipment), Crop Production Division

9. **Training Programme on Post Harvest Management with reference to millet/ soybean/ bhat**
   Duration: 5 days  
   No of participant: 20  
   Training Fee: Rs. 6000/- per participants (minimum Rs. 1,20,000)
   Training Months: Round the year
   - Introduction to Post Harvest losses, their Management and importance in hilly region
   - Post-harvest management of crops, fruits and vegetables
   - Agro-Processing Center – As a source of employment for youth in hills
   - Non-Traditional use of soybean/Bhat in Hills
   - Value chain on millets (finger millet & barnyard millet)
   - Processing, packaging, branding, advertising, marketing and economics of processed products.
   - Introduction of unit operation and their machineries for agricultural processing and value addition
   - Basic value added products for establishing entrepreneurship and enhancing livelihood security of hill farmers

   Training Coordinator: Dr. Sher Singh, Principal scientist; and Dr. Shyam Nath, Scientist; Crop Production Division; and Dr. Anuradha Bhartiya, Scientist; Crop Improvement Division
10. Training Programme on Organic Crop Production
Duration: 5 days
Maximum No of participant: 20
Training Fee: Rs. 6000/- per participant (minimum Rs. 1,20,000)
Training Months: Round the year

Topics to be covered

- Principles of Organic Farming
- Nutrient management in Organic crop production
- Insect pest management in Organic condition
- Disease management in Organic condition
- Utilization of biofertilizers and mycorrhizas
- Organic certification processes and marketing
- Liquid organic manure and Innovative organic technologies

Training Coordinator(s): Dr. Dibakar Mahanta, Senior Scientist, Crop Production Division

* Interested youths, who do not have the sponsorship, may contact the institute on 05962-230208 or 1800 180 2311 (toll free) for the above-mentioned trainings. The institute will impart training programme for minimum 5 numbers of participant.
Action Photographs of Training Programme of Institute