| Department of Agricultural Meteorology | 1. Climate change awareness training programmes covering:
   - Emission, Climate change, Carbon credit etc.
2. Agriculture Insurance
   - Training to executives of private insurance service providers regarding weather windows, weather forecasting, climatic data analysis and calibration of weather sensors.
3. GIS Solutions for Agro-Industries covering:
   - Pesticide use scenarios, disease-pest history maps, crop acreage maps for seed farms etc. |
2. Production and Quality improvement Through:
   i) Canopy Management in Fruit Crops
   ii) Agro-horti Techniques
3. Pest & Disease Management of Fruit Crops.
4. Post-harvest handling and Value Addition |
| Department Of Agronomy | 1. Medicinal, Aromatic and Spice Crops
2. Weed Management
3. Resource Conservation Technology
4. Water management
5. Integrated Farming System
6. Organic farming |
| Department of Food Science and Technology | 1. Entrepreneurship Development Programme in Extrusion Technology
2. Development of value added products from Baby corn and mushroom.
3. Processing of kinnow into value added products.
4. Specialized training in grain milling.
5. Concepts of Total Quality Management System in Food Industry
| Department of Soil | 1. Training in new fertilizer materials for their efficient use – slow release, biofertilizers and fertilizer mixtures.
2. Methods of application for their efficient use need based, soil test based, limited method of application.
3. Cost effective resource conservation. |
### College of Basic Sciences & Humanities

| Department of Business management | 1 MDP for Marketing Professionals in Retail Business  
|                                 | 2 MDP on Brand Management  
|                                 | 3 MDP for Senior Management on Strategic management  
|                                 | 4 MDP on Supply Chain management  
|                                 | 5 MDP on Finance For Non-Finance Executives  
|                                 | 6 MDP on Commodity Derivatives  
|                                 | 7 MDP on Communication Skills |
| Department of Math, Stat. and Physics | 1 MDP on Optimization Techniques.  
|                                   | 2 MDP on Application of basic statistical tools using statistical packages like SPSS and SAS.  
|                                   | 3 MDP on Electrical Properties of Agricultural Products. |
| Department of Microbiology | 1 Areas of Providing Training to Entrepreneurs in Agri-Business  
|                           | i) Setting up of mushroom production and training.  
|                           | ii) Setting up of unit for fermented fruit beverage production and training at 50 liters scale  
|                           | iii) Setting up unit of biofertilizer production and training  
|                           | iv) Training for production of natural vinegar from sugarcane at 10 liters scale  
|                           | 2 Training for Food Processing industry  
|                           | i) Microbiological Food safety management  
<p>|                           | ii) Guidelines for hygiene and sanitation in food industry. |</p>
<table>
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<tr>
<th>Department</th>
<th>Course Offerings</th>
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| Department of Soil and Water Engineering | 1. Irrigation Systems Management: (Surface, Drip, Micro Sprinkler Irrigation System)  
2. Water Resources Management: (Ground Water Management, Rainwater Harvesting Structures, Artificial Recharge to Ground Water)  
4. Protected Cultivation of Vegetable Crops: (Poly-House, Net-House and Low Tunnels) |
2. Green House design and micro-climatic control in winter and Summer. |
| Department of Energy Studies For Agriculture | 1. Renewable Energy from biomass via: (a) Thermal Applications of Gasifier (b) Family size and large capacity fixed dome biogas plant based on cattle dung and poultry droppings. |
| Department of Processing & Food Engineering | 1. Agriculture Processing Complex  
2. Post Harvest Management of Fruits & Vegetables  
3. Handling & Storage of Grain |
| Department of Human Development | 1. Changing Family Relationships  
                                | 2. Counseling at all age levels  
                                | 3. Stress Management  
                                | 4. Parenting techniques  
                                | 5. Care and Management of ElderlyPeople  
                                | 6. Personality Development  
                                | 7. Skill Development  
                                | 8. Population Education  |
|---------------------------------|--------------------------------------------------|
| Department of Home Science Ext-Education | 1. Effective Communication & Soft Skills  
                                             | 2. Personnel effectiveness  
                                             | 3. Leadership Skills  
                                             | 4. Training Needs Analysis  
                                             | 5. Stress Management  
                                             | 6. Programme Evaluation  
                                             | 7. Programme for Women balancing Working life  
                                             | 8. Positive Thinking & Attitudes  
                                             | 9. Gender Sensitization  
                                             | 10. Women Entrepreneurship  
                                             | 11. Instructional Designing & Delivery Skills  
                                             | 12. Instructional Technology for Teachers  
                                             | 13. E-Learning  |
| Department Of Food and Nutrition | 1. Diet Counseling  
                                | 2. Food Preservation  
                                | 3. Bakery  |