

Programme outcomes, Programme specific outcomes and course outcomes
M.Sc. Ag. Horticulture (Vegetable Science)

Programme Outcome	<ol style="list-style-type: none"> 1. After doing post-graduation in M.Sc. Ag. Horticulture (Vegetable Science) the student becomes eligible to be appropriate for employment offered by banks, finance sectors, seed companies, insecticide and pesticide companies, sales and marketing etc. 2. The nationalized banks, Reserve Bank, State Bank, NABARD etc. put forward an opportunity for post graduates in agriculture and horticulture as Agricultural Officers, Probationary Officers, Field Officers and Rural Development Officers. 3. Different agricultural universities also employ horticultural postgraduates for distinct posts from the concerned field of their specialization as SRF's (Senior Research Fellow), TA (Technical Assistant) etc. 4. Indian Council of Agricultural Research and Department of Science and Technology (DST) also engage students in different posts according to their requirement.
Programme specific outcomes	<ol style="list-style-type: none"> 1. Students having a combined knowledge of Vegetable Science with entrepreneurial skills enable them to get administrative or marketing positions with organizations involved in the processing and marketing of vegetables, they also get recruited in the companies as horticulturists, gardeners, supervisors, farm or estate managers, handling large scale production of certain varieties of vegetables in various private seed companies etc. 2. Many fertilizer and pesticide companies engage students in their firms where they work as managers. 3. At the International level, different agencies appoint horticultural consultants. 4. And other different positions as per their requirement.
Course M.Sc. Ag. Horticulture (Vegetable Science) Outcomes	
VSC-501 (Production Technology of Cool Season Vegetable Crops)	<ul style="list-style-type: none"> ❖ The students will be acquainted with the production technology of important cool season vegetable crops. ❖ To make them aware of the intercultural operations of winter vegetables and also to study the economics of these cool season vegetable crops.
VSC-502 (Production Technology of Warm Season Vegetable Crops)	<ul style="list-style-type: none"> ❖ The students will know about the package of practices of the warm season vegetables along with the knowledge of physiological disorder, mineral deficiency problems, maturity standards for harvesting the crops and economics of these warm season vegetable crops.
VSC-503 (Breeding of Vegetable Crops)	<ul style="list-style-type: none"> ❖ The students will be well-versed with various methods adopted for improvement of vegetable crops, as well as the latest technology engaged in crop improvement for the benefit of humanity.
VSC-504 (Growth and Development of Vegetable Crops)	<ul style="list-style-type: none"> ❖ This course will provide knowledge about basic cell functions, growth and development stages, roles and applications of plant growth regulators. It will also acquaint the students with basic physiological processes involved in flowering, fruit set and environmental factors associated.
VSC-505 (Seed Production Technology of Vegetable Crops)	<ul style="list-style-type: none"> ❖ The students will be acquainted with importance of quality seed production, various methods of seed production in self and open pollinated vegetable crops.
VSC-507 (Production Technology of Underexploited Vegetable Crops)	<ul style="list-style-type: none"> ❖ The students will be well versed with nutritional importance and package of practices of underexploited vegetables so as to enhance their production.

VSC-508 (Organic Vegetable Production Technology)	❖ Student will understand the concepts of organic farming. Use of various organic inputs for vegetable production, use of non-synthetic agents for crop production, will get some idea about organic certification.
VSC-509 (Fundamentals of Processing of Vegetables)	❖ The students will know the various ways for value addition in vegetable crops
Job Prospects	<p>On completion of degree there is an opportunity for post graduates in Vegetable Science as Agricultural Officers, Probationary Officers, Field Officers and Rural Development Officers.</p> <p>Students are also recruited as SRF's (Senior Research Fellow), TA (Technical Assistant) etc. Banks, finance sectors, seed companies, insecticide and pesticide companies, sales and marketing etc.</p>
Research	<ol style="list-style-type: none"> 1. M.Sc. Vegetable student can pursue higher education Ph.D. 2. Student after completion of degree could be engaged in developing new and improved types of vegetables. 3. Students could get in touch with the horticultural scientists who also devote considerable time to improve the aesthetics of ornamentals and the quality of products.