

Programme outcomes Programme specific outcomes and course outcomes

M.Sc. Ag. Horticulture (Floriculture and Landscape Architecture)

M.Sc. Ag. Horticulture (Floriculture and Landscape Architecture)	
Programme Outcomes	<ol style="list-style-type: none">1. After doing post- graduation in M.Sc. Ag. Horticulture (Floriculture and Landscape Architecture) the student become eligible to be appropriate for employment offered by bank, finance sectors, insecticide and pesticide companies, fertilizers companies, sales and marketing.2. The Nationalized Banks, Reserve Bank, State Bank NABARD etc. put forward an opportunity for post-graduates in Agriculture and Horticulture as Agriculture Officers, Agriculture Assistant Officers, Probationary Officers, Field Officers and Rural Development Officers.3. Different agricultural universities also employ horticultural post- graduates for different posts from the concerned field of their specialization as JRF, (Junior Research Fellowship), SRF (Senior Research Fellowship) TA (Technical Assistant) and Lab Assistant.4. Indian Council of Agricultural Research and Department of Science and Technology (DST) also engage students in various posts according to their requirement.5. National Horticulture Board also engage students in various posts according to their requirement.6. Create job opportunities for the unemployed youths through teaching, research, training, extension etc., especially for the development of socially and economically depressed segment of society.
Programme Specific outcomes	<ol style="list-style-type: none">1. Students having a combined knowledge of Floriculture and Landscape Architecture with entrepreneurial skill permit them to get administrative or marketing position with organizations involved in the marketing of flowers and cut flowers, they also get recruited in the companies as horticulturist, gardeners, supervisors, farm managers, handling large scale production of certain varieties of fruits in various private seed companies.2. Many fertilizers and pesticide companies engage students in their firms where they work as managers.

	<ol style="list-style-type: none"> 3. At the International level, different agencies appoint horticultural consultants. 4. Individuals who have completed the post-graduate degree in Horticulture (Fruit Science) can work as farm or estate managers, supervisors, technical assistant and project coordinators. 5. After gaining experience, they will get positions of specialists for handling of fruit plantation, nursery and other orchard management project. 6. After gaining experience, they will increase farmers' income through adopting hi-tech horticulture.
Course Outcomes	Outcomes
Breeding of Flower Crops and Ornamental Plants (FLA 501)	CO 1: The students will be well- versed with different methods adopted for improvement of flower crops and ornamental plants, as well as the latest technology engaged in crop improvement for the benefit of humanity.
Production Technology of Cut Flowers (FLA 502)	<p>CO 1: The students will know about the package and practices of production technology of cut flower along with the knowledge of diseases, pests and physiological disorders, mineral deficiency problems, maturity indices for harvesting the crops and economics of the cut flowers.</p> <p>CO 2: Development innovative agro- techniques to enhance the production and productivity of cut flowers.</p> <p>CO 3: After gaining experience, they will increase farmers' income through adopting hi-tech horticulture.</p>
Production Technology of Loose Flowers (FLA 503)	<p>CO 1: To make them aware about impart knowlge about the importance and management of loose flowers.</p> <p>CO 2: The students will be acquainted understanding the scope of loose flowers trade, significance in the domestic market and export.</p> <p>CO 3: To make them aware knowlge about the water, nutrient management, weed management, pinching, disbudding , special horticultural practices and production for special occasions through physiological interventations.</p>
Landscaping and Ornamental Gardening (FLA 504)	<p>CO 1: To make them aware knowlge about the familiarization with principles and practices of landscapeing and ornamental gardening.</p> <p>CO 2 : This course will provide knowledge about landscape desings & styles of garden, formal, informal and free style gardens.</p> <p>CO 3 : To make them aware about garden plant components arboretum, shrubbery, fernery, palmatum and production technology for selected ornamental plants.</p>

<p align="center">Protected Floriculture (FLA 505)</p>	<p>CO 1: This course will provide knowledge about the protected floriculture, types structure – greenhouse, polyhouse and shade house economics of flowers crops for protected cultivation.</p> <p>CO 2: To make them aware about interculture operation for environmental control, management and manipulation of temperatue, ligh, humidity, air and CO₂ heating and cooling system in the naturally ventilated greenhouses.</p> <p>CO 3 : The students will know about containers, substrates soil decontamination, layout of dripand fertigation system.</p>
<p align="center">Value Addition in Flowers (FLA 506)</p>	<p>CO 1: This course will provide knowledge about the prospects of value addition, National and global scenario, production and export, womens empowerment through value added products making and supply chain management.</p> <p>CO 2: To make them aware about the prolong the post harvest storage life of horticultural commodities and increase income through value addition of the products and to reduce post harvest losse.</p>
<p align="center">Turfing and Turf Management (FLA 507)</p>	<p>CO 1: Students will learn about the principles and management of turfing.</p> <p>CO 2: To make them aware about preparatory operations, growing media used for turf grasses, turf established method.</p>
<p align="center">Job Prospects</p>	<p>On completion of degree there is an opportunity for post graduates in Floriculture and Landscape Architecture as Agriculture Officers, Agriculture Assistant Officers, Probationary Officers, Field Officers and Rural Development Officers.</p> <p>Students also recruited as JRF, (Junior Research Fellowship), SRF (Senior Research Fellowship) TA (Technical Assistant), Lab Assistant etc. bank, finance sectors, insecticide and pesticide companies, fertilizers companies, sales and marketing.</p>
<p align="center">Research</p>	<ol style="list-style-type: none"> 1. M.Sc. Floriculture and Landscape Architecture student can pursure higher education Ph. D. 2. Students after completion of degree could be engaged in developing new and improved types of fruits. 3. Students could get in touch with the horticultural scientists who also devote considered time improve the aesthetics of ornamental and the quality of products.