FLORICULTURE AND LANDSCAPING

PROGRAMMES

1. M.Sc.
2. Ph. D.

COURSE REQUIREMENTS

M.Sc.

Field of Specialization: Floriculture, Landscaping

Required Courses: Flori. 501, Flori. 502, Flori. 503, Flori. 504

Supporting Courses: Stat. 421, PGS 501 and other courses from subject matter fields (other than minor) relating to the area of special interest and research problem.

Minor Fields: Plant Breeding & Genetics, Biotechnology, Horticulture, Soil Science, Botany or any other as approved by Dean, Postgraduate Studies.

Deficiency courses for students with elective other than Horticulture

9-12 credit hours of atleast 400 series courses as recommended by the Student's Advisory Committee and approved by the Dean, Postgraduate Studies

Ph.D.

Field of Specialization: Floriculture, Landscaping

Required Courses: Flori. 601, Flori. 602, Flori. 603

Supporting Courses: Courses from subject matter fields (other than minor) relating to area of special interest and research problem

Minor Fields: Plant Breeding & Genetics, Biotechnology, Horticulture, Soil Science, Botany or any other as approved by Dean, Postgraduate Studies.

Deficiency courses for students with M. Sc. (Agri.) in a discipline other than Floriculture and Landscaping

Flori. 501, Flori. 502, Flori. 503, Flori. 504 and other courses as recommended by Student's Advisory Committee.
DESCRIPTION OF COURSE CONTENTS

Undergraduate Courses

Flori. 301 Flower Cultivation and Landscape Gardening  


Undergraduate Elective/M.Sc. Supporting/Minor courses

Flori. 433 Commercial Floriculture and Landscaping  


Postgraduate Courses

Flori. 501 Production Technology of Flowers  

Practical: Description of varieties. Propagation techniques. Mist chamber operation. Training and pruning techniques. Practices in manuring, drip and fertigation, foliar nutrition, growth regulator application,

Flori. 502 Breeding of Flower Crops and Ornamental Plants 2+1 Sem.II

Flori. 503 Landscaping and Ornamental Gardening 2+1 Sem.I
Practical: Study of violation of art and landscape principles. Identification and analysis of plant material for their use in landscaping. Propagation techniques of ornamentals. Maintenance of plant material including indoor plants. Study tours to gardens and arboreums.

Flori. 504 Landscape Designs (Pre-requisite: Flori. 503) 2+2 Sem.II
Practical: Site analysis of various landscape projects. Use of drawing scale, lettering, plotting, reading and interpretation of maps on different scales. Preparation of landscape designs of various types of buildings, roads, parks, sport centers, picnic spots, and camping grounds. Display of plants for interior decoration. Preparation of cost estimates for landscaping and maintenance. Study tours. Introduction to CAD.

Flori. 505 Protected Floriculture (Collaboration: Deptt. of Soil and Water Engineering) 2+1 Sem.II
Flori. 506 Value Addition in Flowers  


Flori. 507 Turfing and Turf Management  


Flori. 508 CAD for Outdoor and Indoor Landscaping  

Applications of CAD in landscape garden designing, 2D drawing by AUTOCAD, Basics of Photoshop software in garden designing. Toolbars and Icons, File handling functions, Modifying tools. Dimension concepts, Hyper linking, Making layout. Dimensioning and detailing of designs, Visualization tools for landscape preview, Data management, plotting and accessories for designing.


Flori. 601 Advances in Flower Production Technology  

Flori. 602 Advances in Breeding of Flower Crops 3+0 Sem. I

Flori. 603 Advances in Landscape Architecture 1+2 Sem.I

Flori. 604 Advances in Pre and Post-harvest Management of Ornamentals 3+0 Sem.II

Flori. 605 Advances in Nursery Production and Management 2+0 Sem.I
Flori. 606 Advances in Protected and Precision Floriculture 2+0 Sem.II

Flori. 607 Planning and Management of Parks 2+0 Sem.II
Recreational parks - history, importance, scope and their role in outdoor recreation and nature conservation. Biotic regions of the world. Types of distribution of vegetation in India. Bio- aesthetic planning, Planning and designing of Botanical gardens, amusement and zoological parks. Maintenance of historical and archeological sites, recreational gardens, Wet lands, National parks, and wild life sanctuaries.

Flori. 591 Seminar
Flori. 600 Master's Research
Flori. 700 Ph.D. Research