

Profile

DEPARTMENT OF FLORICULTURE AND LANDSCAPING
COLLEGE OF HORTICULTURE AND FORESTRY



ACHARYA NARENDRA DEVA UNIVERSITY OF AGRICULTURE & TECHNOLOGY
KUMARGANJ, AYODHYA - 224 229, UTTAR PRADESH

About the department

The department of Floriculture and Landscaping was established at the university in the year 2006. The M.Sc. (Hort.) Floriculture & Landscaping degree program was commenced from the session: 2022-23 and Ph.D. degree program will be start from session 2024-25. The department offers courses in Agriculture for under-graduates. The department also offers courses in Floriculture and Landscaping to under-graduate students of the College of Agriculture campus, Kotwa, Azamgarh. The Department is well-equipped with advanced laboratories and has smart classes.

Vision

- The vision of the department is to become a premier and recognized centre of excellence in teaching, research and extension in floriculture and landscaping.


Mission


- To strengthen the floriculture research farm and nursery activities for UG, PG students.
- Upliftment of farmers by creating employment opportunities and to become entrepreneurs.
- To carryout teaching-research in basic and advanced concepts of landscaping and crop improvement on various flower crops.
- Impart new technology in field of floriculture like Hi-tech greenhouse to have equality product and disseminate the same to cultivators in Eastern UP.


Objectives:

- To impart quality education on floriculture and landscaping architecture for UG and PG students.
- Collection, conservation and evaluation of germplasm on marigold, tuberose, gladiolus, roses, chrysanthemum, gerbera, carnation and other ornamental plants.
- Standardization of agro techniques for flower crops.
- Post-harvest studies and value addition in flower crops.
- Production and distribution of quality planting material in ornamental crops.
- Dissemination and popularization of developed technologies through outreach programme.
- Linkage with state, central, international institutions, NGOs, farmers and industrialists to ensure nutritional, economic and ecological security.

Faculty of Floriculture and Landscaping

Name	Dr. S. K.Verma	
Qualification	Ph.D., NET	
Designation	Associate Professor and Head	
Experience years	15	
Publications	40	
Award	ICAR-IARI SRF	
Research specialization	Nursery management of fruit crops, Minor fruits production	
Contact No. and E-mail address	9450234406, vermasant@gmail.com	

Name	Dr. Sunil Kumar	
Qualification	Ph.D., NET	
Designation	Assistant Professor	
Experience years	06	
Publications	32	
Award	ICAR-JRF, SRF, Rajiv Gandhi National Fellowship	
Research specialization	Chrysanthemum Breeder, Production technology of flower crops, Landscape Gardening	
Contact No. and E-mail	9625665033, 8095516682, sunil-fl@nduat.org	

Name	Dr. Ashok Kumar	
Designation	Guest Faculty	
Qualification	Ph. D.	
Experience years	35	
No. of Ph.D. students guided	06	
Publications	49	

Award/achievement	Received life time achievement award	
Area of specialization	Production technology of fruit crops	

Academics:

The department offers degree program in M.Sc. (Hort.) Floriculture & Landscaping

Year	2022-23	2023-24
Student Enrolled	04	07
Degree Awarded	-	-

List of U.G. and P.G. Courses to be offered during I Semester

Course No.	Title	Credit
B.Sc. (Horticulture)		
FLS-111 (H)	Principles of Landscape Architecture	1(0+1)
FLS-211 (H)	Commercial Floriculture	3(2+1)
M.Sc. Horticulture (Floriculture & Landscaping)		
FLS-512	Commercial production of cut flowers	3(2+1)
FLS-513	Commercial production of loose flowers	3(2+1)
FLS-516	Turf grass management	3(2+1)
FLS-511	Systematics of Ornamental plants	3(2+1)
FLS-514	Indoor plants and Interiorscaping	2(1+1)
FLS-515	Nursery Management in ornamental plants	3(2+1)
FLS-517	Value addition in floriculture	3(2+1)
FLS-599	Master's Research	Variables
Total Credit		24(15+9)

List of U.G. and P.G. Courses to be offered during II Semester

Courses for B.Sc. Agriculture		
Course No.	Title	Credit
Courses for B.Sc. (Ag.)		
HORT -221	Production technology of ornamental plants, MAP and Landscaping	2 (1+1)
HORT -223	Landscaping (Elective)	3 (2+1)
Courses for B.Sc. Horticulture		
FLS-221 (H)	Ornamental Horticulture	3 (2+1)
FLS-321 (H)	Breeding and Seed Production of Flower and Ornamental Crops	3 (2+1)
P.G. Courses for M.Sc. (Horticulture) Floriculture & Landscaping		
FLS-521	Breeding of Ornamental Plants	3(2+1)
FLS-522	Ornamental Gardening and Landscaping	3(2+1)
FLS-525	Seed Production in Flower Crops	2(1+1)
FLS-523	Protected cultivation of flower crops	3(2+1)
FLS-524	CAD for landscaping	3(2+1)
FLS-591	Master's Seminar	1(0+1)
FSC-599	Master's Research	Variable
Total Credit		26 (16+10)

Germplasm

The department is maintaining the germplasm of major commercial flowers like marigold, tuberose, gladiolus, chrysanthemum, roses, gerbera, jasmine *etc.* and a wide diversity of germplasm of foliage plants, seasonal flowers, native ornamentals, ferns, succulents and cacti.

The germplasms details are given below-

Name of ornamental crops	Number of germplasms
Roses	10
Chrysanthemum	18
Gladiolus	14
Tuberose	04
Marigold	05
Jasmine	04
Gerbera	07
Bougainvillea	10
Orchid (<i>Phalaenopsis spp.</i>)	01
Lilies	05
Other ornamental plants (Foliage plants, seasonal flowering annuals trees, shrubs, climbers, succulents, cacti, ferns and palms)	150

Chrysanthemum germplasm



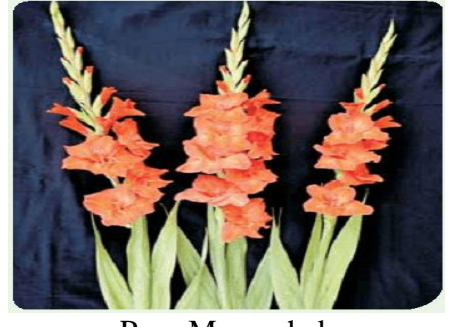
Gladiolus germplasm



Pusa Red Valentine



Pusa Shubham



Pusa Manmohak



Pusa Shanti



Hunting Song



Bidiya



American Beauty



Nova Lux



Pusa Kiran

Gerbera germplasm



Painted Desert



Glorious Purple



Kruger



Fundy



Red Wood

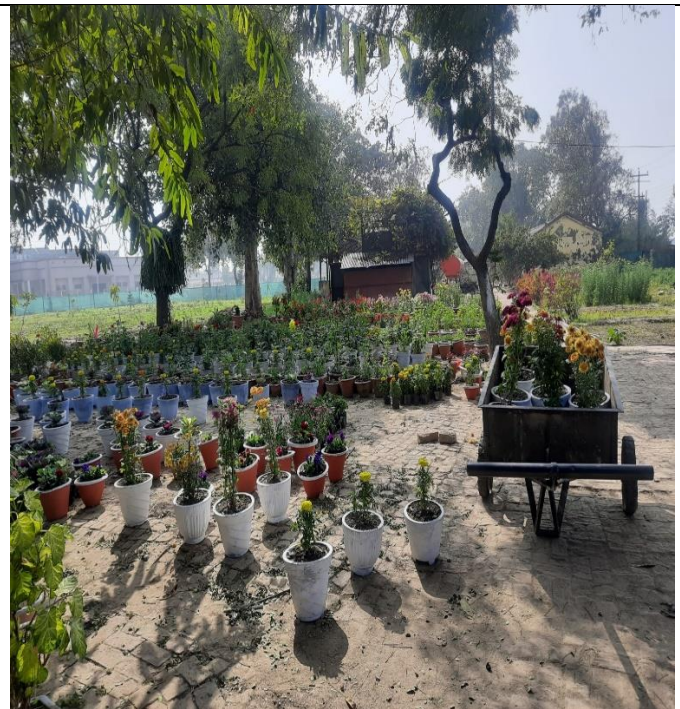


Pinnacle

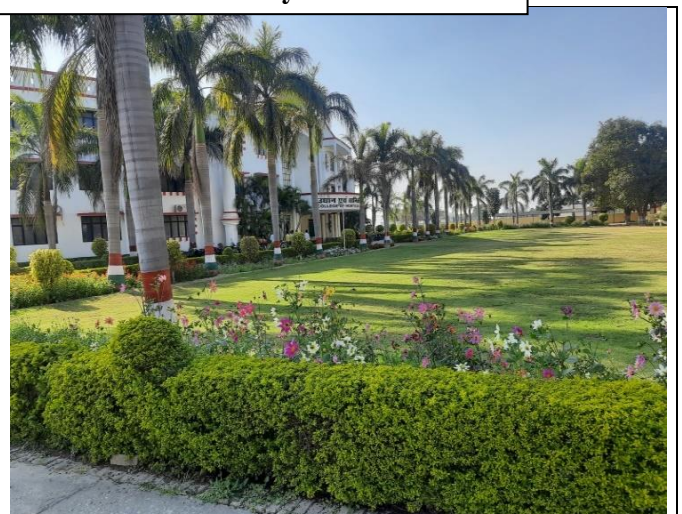
Departmental Facilities

1. Main department building within college of horticulture and Forestry having PG smart class room, laboratory, Library, Seminar room, office room and store room.
2. Instructional floriculture farm having a total area about 10 Acres.
3. Well-developed landscape nursery under landscape unit
4. Narendra Udhyan (Informal style)
5. Residential recreational park
6. College of horticulture and forestry garden (Inside garden- formal style and Infront garden- free style)
7. Gulab Vatika at Atithi Grah
8. Net house (low-cost structure) for gerbera, chrysanthemum and orchid (*Phalaenopsis spp.*)
9. Net house for foliage plants

Landscape Nursery



Narendra Udhyan and College of Horticulture & Forestry Garden View



Gulab Vatika



Campus maintenance works



Plantation of Ornamental trees by VIP's



Eminent persons visited in Floriculture Farm



**(S. K.Verma)
Head of Department**