

COLLEGE OF HORTICULTURE
AT A GLANCE 2019 – 20

College of HORTICULTURE

Dr. N. B. Singh

Dean, Post Graduate

Acharya Narendra Dev University of Agriculture and Technology
Kumarganj, Faizabad -224229 (Uttar – Pradesh)

Dr.O.P.Rao

Dean(Horticulture)

Our Profession Feeds & Clothes the World

COLLEGE OF HORTICULTURE & FORESTRY

Name of Head :- Dr. Sanjay Pathak
Name of Department :- Department of Fruit Science
Name of College :- College of Horticulture & Forestry

1. List of Faculty members

S. No.	Name	Professor	Associate Professor	Assistant Professor	Project
1	Dr. A.K.Singh		Associate Professor		
2	Dr. Sanjay Pathak	Professor			
3	Dr. D. Ram	Professor			
4	Dr. Bhagwan Deen	Professor			
5	Dr. Ashok Kumar		Associate Professor		
6	Dr. Bhanu Pratap		Associate Professor		
7	Dr. H.K. Singh				Associate Professor

2. M.Sc. (Hort.) Fruit Science 2018-19

Sl. No.	Name of Students	I.D. No
1.	Anand Singh Rawat	H-7716/14/18
2.	Kishan Singh	H-10574/18
3.	Manish Singh	H-10575/18
4.	Manoj Gaund	H-10576/18
5.	Om Narayan	H-10577/18
6.	Rahul Pal	H-10578/18
7.	Ram Lakhan	H-10579/18
8.	Ritesh Singh	H-10580/18
9.	Saurav Kumar	H-7882/14/18
10	Swapnil Verma	H-10581/18
11.	Vartika Singh	H-10582/18

2.M.Sc. (Hort.) Fruit Science 2019-20

S.No.	Student's Name	I.D. No.
1	Ambreesh Kumar	H-11188/19
2	Jitendra Kumar Navik	H-11189/19
3	Krishna Pratap Singh	H-11190/19
4	Manish Kumar Verma	H-11191/19
5	Nidhi Singh	H-11192/19
6	Pawan Kumar Yadav	H-11193/19
7	Radha Krishna	H-11194/19

8	Rahmat Gul Hassanzai	H-10673/19
9	Ritik	H-11195/19
10	Sharifullah Dowatzai	H-10676/19
11	Sher Bahadur Kumar	H-11196/19
12	Shubham Yadav	A-8493/15/19
13	Vikas Kori	A-8576/15/19

4. List of Ph.D. Students

S.No.	Student's Name	I.D. No.
1	Ajendra Kumar	HF-10077/17/19
2	Amit Kumar Verma	H-10242/19
3	Anshuman Singh	H-10245/19
4	Anshuman Singh	HF-9580/16/19
5	Ranjeet Kumar	HF-7224/13/17/19
6	Mujahid Saghiwal	H-
7	Harendra	H-10618/18
8	Laxmi Kant	H-10619/18
9	Ravi Pratap Singh	HF-9583/16/18
10	Sachi Gupta	HF-9584/16/18
11	Abhinav Kumar	HF-8967/15/17
12	Atul Yadav	HF-8971/15/17
13	Dheeraj Yadav	HFA-5246/10/14/17
14	Sneha Singh	HF-8973/15/17
15	Avaneesh Kumar Mishra	HF-6968/12/16
16	Umesh Kumar	HF-4752/09/13/15

5. Courses for M.Sc. (Hort.) Fruit Science

A. Major Courses

A1- Core courses

FSC-511* TROPICAL AND DRY LAND FRUIT PRODUCTION

3(2+1)

FSC-512 PROPAGATION AND NURSERY MANAGEMENT FOR

3(2+1)

FRUIT CROPS

FSC-513* BIODIVERSITY AND CONSERVATION OF FRUIT CROPS

3(2+1)

FSC-521* SUBTROPICAL AND TEMPERATE FRUIT PRODUCTION

3(2+1)

FSC-522* BREEDING OF FRUIT CROPS

3(2+1)

A2- Optional Courses

FSC-514 CLIMATE MANAGEMENT IN HORTICULTURAL
PRODUCTION

1(1+0)

FSC-515 BIOTECHNOLOGY OF HORTICULTURAL CROPS
3(2+1)
FSC-516 PROTECTED CULTIVATION
3(2+1)
FSC-517 CANOPY MANAGEMENT IN FRUIT CROPS
2(1+1)
FSC-523 GROWTH AND DEVELOPMENT OF HORTICULTURAL
CROPS

3(2+1)
FSC-524 GAP FOR HORTICULTURAL CROPS
1(1+0)
FSC-525 POST HARVEST TECHNOLOGY FOR FRUIT CROPS
3(2+1)
FSC-526 ORGANIC HORTICULTURE
2(1+1)
FSC- 591 MASTER'S SEMINAR
1(1+0)
FSC-599 MASTER'S RESEARCH
20(15+5)

COMPULSORY NON-CREDIT COURSES

(Compulsory for Master's programme in all disciplines; Optional for Ph.D. scholars)

PGS-511 LIBRARY AND INFORMATION SERVICES
1(0+1)
PGS -512 BASIC CONCEPTS IN LABORATORY TECHNIQUES
1(0+1)
PGS -513 (e-Course) AGRICULTURAL RESEARCH, RESEARCH ETHICS
AND RURAL DEVELOPMENT PROGRAMMES
1(1+0)
PGS -514 (e-Course) DISASTER MANAGEMENT
1(1+0)
PGS -521 (e-Course) INTELLECTUAL PROPERTY AND ITS MANAGEMENT
IN AGRICULTURE
1(1+0)
PGS -522 TECHNICAL WRITING AND COMMUNICATIONS SKILLS
1(0+1)

B- Supporting Courses:- 14 credits to be decided by Major advisor and Advisory Committee from Soil Science, Crop Physiology, GPB, Biochemistry

6. Courses for Ph.D. Horticulture Degree programme

A. Major Courses

HORT-611 Advances in Fruit production
3(3+0)
HORT-612 Research Methods in Fruit production 3(1+2)
HORT-613 Post Harvest Management of Fresh Horticultural Produce 3(2+1)
HORT-614 Role of Bio-Technology in Horticulture, Medicinal and Plantation Crops 2(2+0)

HORT-618 Citriculture	3(2+1)
HORT-621 Mango Culture	3(2+1)
HORT-622 Viticulture	3(2+1)
HORT-624 Advances in Laboratory Techniques	3(2+1)
HORT-691 Seminar	2(0+2)
HORT-700 Ph. D. Research	45(40+5)

7. List of Advisor and Students

M.Sc. (Hort.) Fruit Science 2019-20

S.No.	Student's Name	I.D. No.	Specialization	Advisor's Name
1	Ambreesh Kumar	H-11188/19	Fruit Science	Dr. Ashok Kumar
2	Jitendra Kumar Navik	H-11189/19	Fruit Science	Dr. Bhanu Pratap
3	Krishna Pratap Singh	H-11190/19	Fruit Science	Dr. A.K. Singh
4	Manish Kumar Verma	H-11191/19	Fruit Science	Dr. Sanjay Pathak
5	Nidhi Singh	H-11192/19	Fruit Science	Dr. D. Ram
6	Pawan Kumar Yadav	H-11193/19	Fruit Science	Dr. Bhagwan Deen
7	Radha Krishna	H-11194/19	Fruit Science	Dr. Ashok Kumar
8	Rahmat Gul Hassanzai	H-10673/19	Fruit Science	Dr. Bhanu Pratap
9	Ritik	H-11195/19	Fruit Science	Dr. A.K. Singh
10	Sharifullah Dowatzai	H-10676/19	Fruit Science	Dr. Sanjay Pathak
11	Sher Bahadur Kumar	H-11196/19	Fruit Science	Dr. D. Ram
12	Shubham Yadav	A-8493/15/19	Fruit Science	Dr. Bhagwan Deen
13	Vikas Kori	A-8576/15/19	Fruit Science	Dr. Ashok Kumar

M.Sc. (Hort.) Fruit Science 2018-19

Sl. No.	Name of Students	I.D.No	Specialization	Advisor's Name
1.	Anand Singh Rawat	H-7716/14/18	Fruit Science	Dr. Bhanu Pratap
2.	Kishan Singh	H-10574/18	Fruit Science	Dr. A.K. Singh
3.	Manish Singh	H-10575/18	Fruit Science	Dr. Sanjay Pathak
4.	Manoj Gaund	H-10576/18	Fruit Science	Dr. D. Ram
5.	Om Narayan	H-10577/18	Fruit Science	Dr. Bhagwan Deen
6.	Rahul Pal	H-10578/18	Fruit Science	Dr. Ashok Kumar
7.	Ram Lakhan	H-10579/18	Fruit Science	Dr. Bhanu Pratap
8.	Ritesh Singh	H-10580/18	Fruit Science	Dr. A.K.Singh
9.	Saurav Kumar	H-7882/14/18	Fruit Science	Dr. Sanjay Pathak

10	Swapnil Verma	H-10581/18	Fruit Science	Dr. D. Ram
11.	Vartika Singh	H-10582/18	Fruit Science	Dr. Bhagwan Deen

**8: List of Advisor and students-Ph.D.
Ph.D. Horticulture 2019-20**

S.No.	Student's Name	I.D. No.	Specialization	Advisor's Name
1	Ajendra Kumar	HF-10077/17/19	Horticulture	Dr. D. Ram
2	Amit Kumar Verma	H-10242/19	Horticulture	Dr. Bhagwan Deen
3	Anshuman Singh	H-10245/19	Horticulture	Dr. Ashok Kumar
4	Anshuman Singh	HF-9580/16/19	Horticulture	Dr. Bhanu Pratap
5	Ranjeet Kumar	HF-7224/13/17/19	Horticulture	Dr. Sanjay Pathak
6	Mujahid Saghiwal		Horticulture	Dr. Bhagwan Deen

9. Seminar Topics in M.Sc.(Hort.) Fruit Science 2018-19 Batch

S.No.	Name of Students	Topic
1.	Anand Singh Rawat	Soilless production technology: A way forward for Indoor Horticulture
2.	Kishan Singh	Innovative production system in Horticulture
3.	Manish Singh	Technology based Organic Farming of Horticulture Crops
4.	Manoj Gaund	Advances in Greenhouse Environment Control for Horticulture Crops
5.	Om Narayan	Active and Smart packaging systems for fruits and vegetables
6.	Rahul Pal	High density planting with hedge row and pruning for early and higher production in Horticulture Crops
7.	Ram Lakhan	Horticulture nutrition and human health: Status challenges and prospects fo implementing a sustainable diet
8.	Ritesh Singh	INM in Citrus: Sustaining soil health quality and production
9.	Saurav Kumar	Pre-harvesting fruit bagging and post harvest quality of fruits
10	Swapnil Verma	Biotechnology enhancing quality and shelf-life of Horticulture Crops
11.	Vartika Singh	Hydroponics: Significance Spread and Scope in India

10: Lab Facility: U.G. and P.G. labs

11. Placement record:-

12. Library:- Established

COLLEGE OF HORTICULTURE & FORESTRY

Name of Head :- Dr. Sanjay Pathak

Name of Department :- Department of Vegetable Science

Name of College :- College of Horticulture & Forestry

1. List of Faculty members

S. No	Name	Professor	Associate Professor	Assistant Professor	Project
1	Dr. V.B. Singh		Associate Professor		
2	Dr. G.C. Yadav		Associate Professor		
3	Dr. C.N. Ram		Associate Professor		
4	Dr. D.P. Mishra			Assistant Professor	

2. M.Sc. (Hort.) Vegetable Science 2018-19

3.

Sl. o.	Name of Students	I.D. No
1	Aniket Kumar Verma	H-10583/18
2	Chandra Mohan Gupta	H-10584/18
3	Kalyan Singh	H-10585/18
4	Manisha Kumari	H-10586/18
5	Pankaj KumarVerma	H-10587/18
6	Shalu Yadav	H-10588/18
7	Shweta Srivastava	H-10589/18
8	Sumit Kumar	H-10590/18
9	Yogesh Kumar	H-10591/18

2. M.Sc. (Hort.) Vegetable Science 2019-20

S.No.	Student's Name	I.D. No.
1	Aditya Vikram Singh	H-11199/19
2	Ankur Kumar pal	H-11200/19
3	Dheeraj Kumar	HF-8629/15/19
4	Hareesh Kumar Maurya	H-11202/19
5	Harishanker Verma	HF-8632/15/19
6	Himanshu Singh	H-11203/19
7	Putan Yadav	HF-8646/15/19
8	Rajdev Verma	A-8556/15/19
9	Ramesh Rajbhar	H-11205/19
10	Rameshwar Dayal	HF-8653/15/19
11	Rangnath Pandey	HF-8654/15/19
12	Ravi Kumar Yadav	H-11206/19
13	Ravi Saroj	H-11207/19
14	Rishabh Tiwari	H-11204/19

4. List of Ph.D. Students

S.No.	Student's Name	I.D. No.
1	Anoj Yadav	H-10248/19
2	Dijendra Kumar	H-10246/19
3	Navneet Singh	HF-10087/17/19
4	Raja Bhaiya	HF-10088/17/19
5	Veerendra Kumar	HF-9593/16/19
6	Vikash Singh	H-10247/19
7	Vipin Kumar Maurya	HF-9594/16/19
8	Devesh Tiwari	HF-9589/16/18
9	Nishakant Maurya	HF-9591/16/18

10	Jitendra Kumar	H-10621/18
11	Mohit Lal	H-10622/18
12	Satish Kumar Gautam	H-10623/18
13	Manjeet Kumar	HF-10111/17
14	Rohit Kumar Bajpai	HF-8310/14/17
15	Rohit Maurya	HF-8944/14/17
16	Sharvan Kumar	HF-10110/17
17	Prateek Kumar	HF-8305/14/16
18	Sriom	HF-8314/14/16

5. Courses for M.Sc. (Hort.) Vegetable Science

A. Major Courses

A1- Core courses

CODE	COURSE TITLE	CREDITS
VSC-511*	PRODUCTION TECHNOLOGY OF WARM SEASON VEGETABLE CROPS	3(2+1)
VSC-512*	BREEDING OF VEGETABLE CROPS	3(2+1)
VSC-521*	PRODUCTION TECHNOLOGY OF COOL SEASON VEGETABLE CROPS	3(2+1)
VSC-522*	GROWTH AND DEVELOPMENT OF VEGETABLE CROPS	3(2+1)
Optional courses		
VSC-513	SYSTEMATICS OF VEGETABLE CROPS	2(1+1)
VSC-514	FUNDAMENTALS OF PROCESSING OF VEGETABLES	2(1+1)
VSC-515	ORGANIC VEGETABLE PRODUCTION TECHNOLOGY	2(1+1)
VSC-523	SEED PRODUCTION TECHNOLOGY OF VEGETABLE CROPS	3(2+1)
VSC-524	PRODUCTION TECHNOLOGY OF UNDER EXPLOITED VEGETABLE CROPS	3(2+1)
VSC-591	MASTER'S SEMINAR	1(1+0)
VSC-599	MASTER'S RESEARCH	20(15+5)

COMPULSORY NON-CREDIT COURSES

(Compulsory for Master's programme in all disciplines; Optional for Ph.D. scholars)

PGS-511 LIBRARY AND INFORMATION SERVICES

1(0+1)

PGS -512 BASIC CONCEPTS IN LABORATORY TECHNIQUES

1(0+1)

PGS -513 (e-Course) AGRICULTURAL RESEARCH, RESEARCH ETHICS
AND RURAL DEVELOPMENT PROGRAMMES

1(1+0)

PGS -514 (e-Course) DISASTER MANAGEMENT

1(1+0)

PGS -521 (e-Course) INTELLECTUAL PROPERTY AND ITS MANAGEMENT
IN AGRICULTURE

1(1+0)

PGS -522 TECHNICAL WRITING AND COMMUNICATIONS SKILLS
1(0+1)

B- Supporting Courses:- 14 credits to be decided by Major advisor and Advisory Committee from Soil Science, Crop Physiology, GPB, Biochemistry

6. Courses for Ph.D. Horticulture Degree programme

A. Major Courses

VS-614	Advances in Vegetable production Technology	3(2+1)
VS-611	Biodiversity and Conservation of Vegetable Crops	2(1+1)
VS-612	Resistance Breeding in Vegetables	3(2+1)
VS-613	Research methods in Vegetable Production	2(0+2)
VS-621	Plant Growth Regulators in Vegetable Crops	2(1+1)
VS-622	Bio-Technology in Vegetable Crops	2(1+1)
VS-623	Advances in Vegetable seed production	4(3+1)
VS-624	Post Harvest Technology of Vegetables	3(2+1)
VS-691	Seminar	2(0+2)
VS-700	Ph. D. Research	45(40+5)

7. List of Advisor and Students

M.Sc. (Hort.)Vegetable Science 2019-20

S.No.	Student's Name	I.D. No.	Advisor's Name
1	Aditya Vikram Singh	H-11199/19	Dr. V.B. Singh
2	Ankur Kumar pal	H-11200/19	Dr. G.C. Yadav
3	Dheeraj Kumar	HF-8629/15/19	Dr. C.N. Ram
4	Hareesh Kumar Maurya	H-11202/19	Dr. D.P. Mishra
5	Harishanker Verma	HF-8632/15/19	Dr. V.B. Singh
6	Himanshu Singh	H-11203/19	Dr. G.C. Yadav
7	Putan Yadav	HF-8646/15/19	Dr. C.N. Ram
8	Rajdev Verma	A-8556/15/19	Dr. D.P. Mishra
9	Ramesh Rajbhar	H-11205/19	Dr. V.B. Singh
10	Rameshwar Dayal	HF-8653/15/19	Dr. G.C. Yadav
11	Rangnath Pandey	HF-8654/15/19	Dr. C.N. Ram
12	Ravi Kumar Yadav	H-11206/19	Dr. D.P. Mishra
13	Ravi Saroj	H-11207/19	Dr. V.B. Singh
14	Rishabh Tiwari	H-11204/19	Dr. G.C. Yadav

M.Sc. (Hort.) Vegetable Science 2018-19

Sl. No.	Name of Students	I.D. No	Advisor's Name
1.	Aniket Kumar Verma	H-10583/18	Dr. V.B. Singh
2.	Chandra Mohan Gupta	H-10584/18	Dr. G.C. Yadav
3.	Kalyan Singh	H-10585/18	Dr. C.N. Ram
4.	Manisha Kumari	H-10586/18	Dr. C.N. Ram
5.	Pankaj Kumar Verma	H-10587/18	Dr. V.B.Singh

6.	Shalu Yadav	H-10588/18	Dr. V.B. Singh
7.	Shweta Srivastava	H-10589/18	Dr. G.C. Yadav
8.	Sumit Kumar	H-10590/18	Dr. C.N. Ram
9.	Yogesh Kumar	H-10591/18	Dr. G.C. Yadav

**8: List of Advisor and students-
Ph.D. Horticulture 2019-20**

S.No.	Student's Name	I.D. No.	Advisor's Name
1	Anoj Yadav	H-10248/19	Dr. G.C. Yadav
2	Dijendra Kumar	H-10246/19	Dr. C.N. Ram
3	Navneet Singh	HF-10087/17/19	Dr. D.P. Mishra
4	Raja Bhaiya	HF-10088/17/19	Dr. G.C. Yadav
5	Veerendra Kumar	HF-9593/16/19	Dr. C.N. Ram
6	Vikash Singh	H-10247/19	Dr. D.P. Mishra
7	Vipin Kumar Maurya	HF-9594/16/19	Dr. G.C. Yadav

9. Seminar Topics in M.Sc.(Hort.) Vegetable Science 2018-19 Batch

Sl. No.	Name of Students	Id. No.	Topic
1	Mr. Aniket Kumar Verma	H-10583/18	Physiological disorders due to deficiency of macro and micro nutrients in vegetable crops
2	Mr. Chandra Mohan Gupta	H-10584/18	Role of bio-fertilizers in vegetable production.
3	Mr. Kalyan Singh	H-10585/18	Post harvest handling of vegetable crops.
4	Mis. Manisha Kumari	H-10586/18	Production technology of organic vegetables.
5	Mr. Pankaj Kumar Verma	H-10587/18	Composting and its benefit.
6	Mis. Shalu Yadav	H-10588/18	Off season vegetable production.
7	Mis. Shweta Srivastava	H-10589/18	Irrigation and water requirement in vegetable crops.
8	Mr. Sumit Kumar	H-10590/18	Recent advances in improvement of vegetable crops in India.
9	Mr. Yogesh Kumar	H-10591/18	Advance practices for improvement of vegetable crops through bio-technological approach.

10: Lab Facility: U.G. and P.G. labs

11. Placement record:-

12. Library:- Established