



College of Horticulture and Forestry presently has six departments:

1. Fruit Science
2. Post Harvest Technology of Horticultural crops
3. Medicinal and Aromatic Plants
4. Floriculture and Landscaping
5. Vegetable Science
6. Agro-forestry

### **Student strength**

The College offers B.Sc. in Horticulture, M.Sc.(Ag) Horticulture, M.Sc.(Ag)-Vegetable Science and Ph.D. in Horticulture and Vegetable Science separately. Presently, 40 students of B.Sc., 21 Students of M.Sc. and 8 students of Ph.D. are studying in the college.

### **Achievements**

- Eighteen students of this college qualified for ICAR National Eligibility Test (NET).



**Hon'ble Vice-Chancellor honoured the ICAR-NET qualified students**

### **Research Projects**

S.No.	Name of Project	Name of PI/ Co-PI	Funding Agency
1.	All India Co-ordinated project on Arid Zone Fruits	Dr. A.L.Yadav	ICAR, New Delhi
2.	AICRP on Medicinal Aromatic Plants and Betelvine	Dr. S.K.Pandey	NMPB, ICAR New Delhi
3.	All India Coordinated Vegetable Improved Project	Dr. G.C. Yadav	Indian Council of Agricultural Research New Delhi
4.	All India Coordinated Research Project on spice crops	Dr.V.P.Pandey	ICAR, New Delhi
5.	MIDH (Mission Integrated Management of Horticulture)	Dr. D. Ram	Ministry of Agriculture
6.	Collection, characterization, evaluation, maintains and registration of minor seed spices grow in farmers field	Dr. V.P. Pandey	PPV&FRA, New Delhi
7	Capacity Building and Technology Demonstration on Processing of Local Fruits and Vegetables for Alternate Livelihood of Tharu Tribe women	Dr. Bhagwan Deen	DST, New Delhi
8	All India Coordinated Research Project on Agroforestry	Dr. A.K. S. Parihar	ICAR, New Delhi

### Varieties Developed/ Advance Lines

1. Haldi: NDH-8 gerplasm identified as promising line at national level
2. Aonla: Narendra Aonla-33,34,35 germplasm has been identified as promising lines at national level.

### Technologies developed

1. Low calories Aonla based beverage has been developed.
2. Fruit beverage incorporating Aloe vera has been developed.
3. Foliar application of K<sub>2</sub>SO<sub>4</sub> + Urea after fruit set and one month after fruit set was found most effective in improving fruit retention, fruit yield and quality of ber fruit cv. Gola.
4. Azospirillum + 75% N + 200 Kg P + 200 Kg K showed significant performance on growth, flowering and bulb production of gladiolus.
5. Carbon sequestration under different agroforestry system: The maximum total carbon in the system (Vegetation+ soil pool) was found under *C. equisetifolia*- *P. guajava* based agri-silvi-horticulture system followed by *C. equisetifolia* based agri-silviculture system.
6. Boundary Plantation of *Eucalyptus* and Teak: Boundary plantation (2x2 m) of *Eucalyptus*& Teak trees in standardized pits size of 60x60x60 cm with pits mixture of soil, sand and FYM (2:2:1 ratio) and rice and wheat as inter-crops is best.

### Activities

- Planted nearly 500 Shisham and Eucalyptus plants at our MES Agroforestry Farm and nearby farmer's field of different villages.
- Extension activities: Provided technical know how about the importance of various agroforestry techniques/systems to the farmers of nearby districts viz., Faizabad, Barabanki and Sultanpur



Termeric+Casuriana+Guava

Wheat+Shisham

### Different Agroforestry Systems

#### Revenue generated

Rs. 5,67,901 (Five Lakh sixty seven thousand nine hundred one only) has been generated through sale of fruits/ elite planting material of fruit plants.



**QRT AICRP-Arid Zone Fruits Team visited Experimental Orchards**



**Hon'ble Vice-Chancellor with QRT Arid Zone Fruits team**



**Dr. A.L.Yadav Honored the Hon'ble Vice-Chancellor**



**Hon'ble Vice-Chancellor addressed the QRT and Scientists**

### **Other activities**

- College of Horticulture and Forestry displayed exhibits at university stall in state horticulture show at Governor's House.
- Promising horticulture cultivars were exhibited in Kisan Mela at tribal village Imiliya Kodar, Balrampur on 20<sup>th</sup> Aug, 2017. Hon'ble Chief Minister, Social Welfare Minister and Hon'ble Vice-Chancellor visited the stall.



**Hon'ble Chief Minister, Social welfare Minister and Hon'ble Vice-Chancellor visited the stall in Kisan Mela at tribal village Emelia Koder, Balrampur**

- ICAR Impact Assesment Team visited the laboratories, Lecture Rooms, Examination Halls during their visit on 10<sup>th</sup> August 2017.



**ICAR Impact Assesment Team Visited laboratory of College of Horticulture and Forestry**

- A “Sankalp Se Siddhi” Programme was organized in Sansad Adarsh Village, Anjana, Faizabad on 11-09-2017 in which farmer fair and Goshti was organized in the presence of Honorable Vice-Chancellor and Honorable Member of Parliament.



**Hon'ble Member of Parliament, Sri Lallu Singh and Hon'ble Vice-Chancellor visited the college stall**



**Hon'ble Vice-Chancellor visited field of Elephant foot Yam (Zimikand)**