

आचार्य नरेन्द्र देव कृषि एवं प्रौद्योगिक विश्वविद्यालय, कुमारगंज, अयोध्या–224 229 (उ0प्र0), भारत Acharya Narendra Deva University of Agriculture and Technology, Kumarganj, Ayodhya-224 229 (U.P.), India



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<u>3.3.1</u> Institute has created an eco-system for innovations including research and other initiative for creation and transfer of knowledge

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# Key Indicator-3.3 Innovation Ecosystem (30)

Metrics	Description	Pre- determined Weightage (Wi)	Peer Team Assigned Key Aspect Grade Point (Kagpi)	Key Aspect- wise weighted grade point KAWGPi
3.3.1	Institution has created an ecosystem for innovations including incubation centres and other initiatives for creation and transfer of knowledge	10	4	40

#### • Excellent research infrastructure

- Main agriculture experiment station
- Students instructional farms
- Animal livestock farms
- ➢ Fish Farm
- Zonal Research Stations/ Crop Research Stations
- ➢ KVKs
- Research collaborations
- Research grant support
- Human resource development
- Research advisory committee
- Entrepreneurship development
- Other initiative includes;
  - Entrepreneurship courses
  - Visit to industry
  - > Skill development training and programmes

Banarix

Registrar A.N.D. Univ. of Agri. & Tech. Kumarganj, Ayodhya

# **3.3.1** Institute has created an eco-system for innovations including research and other initiative for creation and transfer of knowledge

**Ecosystem for innovation:** The Acharya Narendra Deva University of Agriculture and Technology, Kumarganj, Ayodhya is devoted to education, quality research and extension to advance the economic and social development of the state through its mandate given in the act. It manages its staff, physical and financial resources to respond to new challenges and opportunities through a well organized planning process. The university has seven colleges with several departments with well equipped research facilities. The faculties of these constituent colleges take active part in teaching, research and extension activities relevant to their specialization. The constituent colleges thus strive to fulfil the goals and mission of the University. The University is guided by a Board of Management which is the apex body and is responsible for the management of the University. The Board of Faculties through Academic Council advises the Board of Management on academic matter. The Research advisory committee and Extension Advisory Committee advise the Board for research and extension activities, respectively to achieve their goal.

The university has well developed six Crop Research Stations/Zonal Research Stations, six National Seed Production Farms, three Main Experiment Station for cereals, horticultural and vegetable crops, Student Instructional farm, Livestock Farm complex for conducting research and seed production. Beside this University have twenty-five KVKs for transfer and dissemination of new technologies to farmers. There are 59 (fifty nine) projects out of them 19 (nineteen) All Indian Coordinated Research Project (75% and 25%), two ICAR 100% funded, two international agencies funded, UPCAR project are three, six research project financed by other national / state agencies, RKVY is nine and 18 non-plane projects 100% finance by state government.

# Initiative taken to develop research activity amongst faculty members and students are as follows:

#### 1. Excellent research infrastructure

Research activities of the University mainly aim to meet the goals and objectives of the University as outline in the mandate. The University has evolved a set of definite and strict guideline for research programme and to release of technology to ensure quality, credibility and reliability of research output. To achieve this goal the University has separated Directorate of Research, Directorate of Extension, Agriculture Research Information Centre (ARIS) and Central Instrumentation Facility. University in divided in three agro-climatic zones i.e. North Eastern Plain Zone (NEPZ), Eastern Plain Zone (EPZ) and Vindhyan Zone (VZ). In which different research centres i.e.

## NEPZ:

- Zonal Agril. Research Station (ZARS), Basuli (Mahrajganj)- Centre for crop research.
- Crop research station (CRS), Ghaghra Ghat (Bahraich)- Main centre for deep water rice research
- Crop research station (CRS) Bahraich Centre for maize, Jute and agro- meteorology research

EPZ

- Main campus Kumarganj, Ayodhya- Centre for basic and applied research through different colleges in various discipline of Agriculture, Horticulture and Forestry, Veterinary science and Animal Husbandry, Fisheries, Agricultural Engineering Tech. Community science
- Crop research station (CRS), Masodha (Ayodhya)- main centre for rice research
- Zonal Agricultural research sub-station (ZARSS), Baribagh and Ankushpur (Ghazipur)centre for crop research

VZ

- Zonal Agricultural research station (ZARS), Tissuhi (Mirzapur)- Center for pulses and oil seed research
- There is one Centre of Excellence for Rice.

The University has been created research infrastructure through external funding agencies like ICAR, UPCAR, UPCST, MHRD, DST and DBT etc., and internal funding facilities.

Bamanix Registrar A.N.D. Univ. of Agri. & Tech. Kumarganj, Ayodhya

Main Agriculture Experiment Station: Main Agriculture Experiment Station is developed to conduct research activities in different departments of the university.



**Main Experiment Station** 



Acharya Narendra Deva University of Agriculture & Technology, Kumarganj, Ayodhya (U.P.)- 224229

# Agronomy Research Farm

At Research Farm of Acharya Narendra Deva University of Agriculture & Technology, Kumarganj, Ayodhya (Main Campus) U.P., the ICAR sponsored projects such as AICRP on Integrated Farming System, AICRP on Irrigation & Water Management are being conducted as per mandate of the projects. In addition, the trials of M. Sc. (Ag) and Ph.D. students of the Department of Agronomy, and testing trials if any are being conducted.

5122 Deptt. of Agronomy A.N.Dapta. pf Agronomy AYODHYA



**Agronomy Research Farm** 

Sowing of wheat with super seeder



Gram: AGRIVARSITY

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Narendra Nagar, P.O. Kumarganj, Ayodhya -224 229 (U.P.)

पत्रांक / No 617

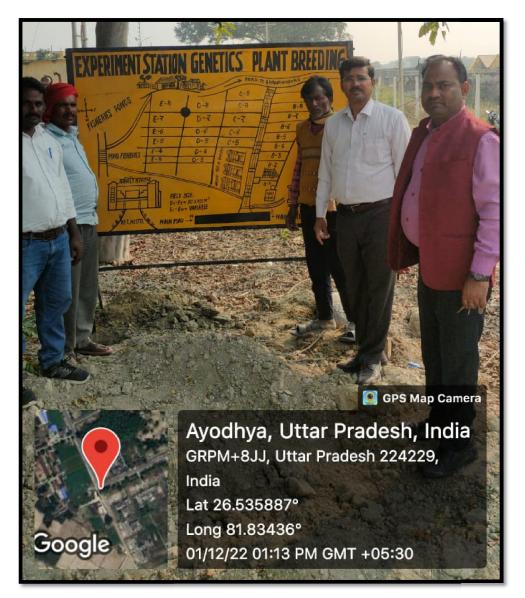
दिनांक / Date: 5.12-2022

#### Genetics and Plant Breeding Research Farm A.N.D.University of Agriculture and Technology, Kumarganj, Ayodhya

Genetics and Plant Breeding Research Farm is developed in the Main University Campus for conducting the experiments of Crop improvement, Pathological, Entomological, Agronomical, Physiological experiments under different AICRP Schemes *viz.*, AICRP on Rape seed & mustard, AICRP on Linseed, AICRP on Pigeonpea, AICRP on MULLaRP Crops, AICRP on Forage Crops, AICRON on Potential Crops, AICRP on Wheat and Barley, AICRP on Chickpea. The M.Sc.(Ag.) and Ph.D. student thesis Research works experiments were also conducted. Other than Research experiment commercial seed production of different crops were produced. The out put of the farm were number of verities of the different crops for different conditions and technologies were developed.

CPR

Deptt. of Genetics and Plant Breeding



Main Experiment Station of Genetics and Plant Breeding

प्रो0 संजय पाठक अधिष्ठाता Prof. Sanjay Pathak Dean



उद्यान एवं वानिकी महाविद्यालय

आचार्य नरेन्दं देव कृषि एवं प्रौद्योगकि विश्वविद्यालय, कुमारगंज, अयोध्या–224 229 (उ०प्र०)

COLLEGE OF HORTICULTURE AND FORESTRY Acharya Narendra Deva University of Agriculture and Technology, Kumarganj, Ayodhya-224 229 (U.P.) Mobile No.-7355675463 9415720124

Email: sanjay.pathakhort @ gmail.com

#### Main Experiment Station (MES) FRUIT SCIENCE

Land area under cultivation- 50 acre

Are under nursery - 2 acre

#### Growing crops under cultivation

- 1. Aonla (29 Germplasm/Variety)
- 2. Bael (38 Germplasm/Variety)
- 3. Ber (52 Germplasm/Variety)
- 4. Guava (12 Germplasm/Variety)
- 5. Mango (32 Germplasm/Variety)
- 6. Jamun (10 Germplasm/Variety)
- 7. Jackfruit (16 Germplasm/Variety)
- 8. Phalsa (38 Germplasm)
- 9. Citrus (8 Germplasm/Variety)
- 10. Dragon fruit (3 Germplasm/Variety)
- 11. Litchi (2 Germplasm/Variety)
- 12. Paniyala, Tamarind, Monkey Jack, Sapota, Walnut, Barbados cherry (1 Germplasm of each)
- 13. Apple (3 Variety)
- 14. Peach (3 Variety)
- 15. Banana (2 Germplasm/Variety)
- 16. Karonda (3 Germplasm/Variety)
- 17. Custard Apple (2 Germplasm/Variety)

Above all plants are cultivated and demonstrated at Main Experiment Station, Fruit Science. The MES, Horticulture is well equipped with irrigation facilities tube well, three tractors with their implements, power and manual spray machine, garden implements etc.

Polyhouse and net for growing of nursery plants- Three

The farm facilities are utilized for the purposes of:

- B.Sc., M.Sc. and Ph. D. students practical/research work.
- · Adhoc and ICAR-AICRP project research work
- · Demonstration for the outside students, farmers and visitors

(Sanjay Pathak) Dean, CHF



**Main Experiment Station – Horticulture** 



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# MAIN EXPERIMENT STATION

# DEPARTMENT OF VEGETABLE SCIENCE

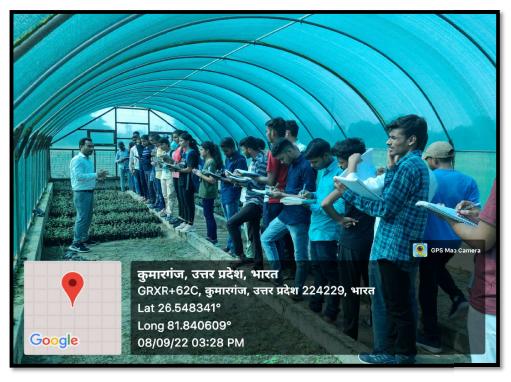
Main experiment station, Vegetable Science 3 5 acre of well manage farm which is known as MES Vegetable. In this farm following facilities are available for teaching of practical classes (U.G.P.G. and Ph.D. student's degree programme) and students/Scientists research trial for different projects.

- Different vegetables and spices germplasm.
- Net House-03Tubewell-02
- Tractor-02(with all the essential implements related to nursery, vegetable seed and spices production.

(R.K.Pathak) Farm Incharge M.E.S. Vegetable Science



Main Experiment Station of Vegetable Science



Net House at Main Experiment Station- Vegetable Science



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# MAIN EXPERIMENT STATION OF MEDICINAL AND AROMATIC PLANTS

# DEPARTMENT OF MEDICINAL AND AROMATIC PLANTS

Main experiment station of Medicinal and Aromatic Plant is established under the MES Horticulture near the University campus. The farm area is 6.5 acre, where the experiment of All India Coordinated Research Project on Medicinal, Aromatic and Betelvine are conducted. In addition to it, MIDH farm(7.5 acre) has also been established at MES Horticulture. The main aims of farms are to develop high yielding varieties, improved production technology for Medicinal and Aromatic crop cultivation besides the production of quality planting materials. The practical and Research experiments of UG, PG and Ph.D. students are also conducted

122/7/2022 0

(Dr. R. S. Mishra) Principal Investigator, MDH DeptL of Vegetable Science ANDUAT, Kumarganj, Ayodtwa, UP



MES of Medicinal and Aromatic plants Polyhouse for Aromatic plant production



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# MAIN EXPERIMENT STATION

#### DEPARTMENT OF AGROFORESTRY

Main experiment station, Agroforestry, A.N.D.U.A.&T., Kumarganj, Ayodhya is established near main campus. The total farm area is 25 acre. The experiment conducted under "All India Coordinated Research Project on Agroforestry". The main aims at developing agroforestry techniques to enhance land productivity and promoting agroforestry development in the eastern part of Uttar Pradesh. In addition research experiments of M.Sc and Ph.D. (Forestry) students are conducted.

18-5-2022

(S.K.Verma) Incharge Department of Agroforestry



**Agri - silviculture system (Shisham + Wheat)** 

#### **Students Instructional Farm**

The university have developed the instructional farm to conduct practical classes and research activities for the undergraduate and postgraduate students. This farm has been developed with the aim to provide quality education and make them aware with production systems like inter-cropping, integrated farming systems, protected cultivation, organic farming, livestock farming, fish farming etc.



The students Instructional Farm of located in University campus near College of Agriculture having 35 acre area. The SIF is used for Practical crop production of UG students. It is also used for conducting research trials of PG and Ph.D. students. Farm is enriched with all infrastructural facilities alongwith advanced agricultural implements. The Agro-Meteorological Observatory is also located at students Instructional Farm.

(S.R. Mishra) Incharge Students Instructional Farm



**Instructional Farm** 



Instructional Farm of Agro –Department of Agriculture Meteorology



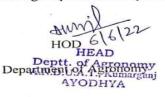
**Agromet Observatory** 



Acharya Narendra Deva University of Agriculture & Technology, Kumarganj, Ayodhya (U.P.)- 224229

#### Practical Crop Production (2021-22)

At Students Instructional Farm of A.N.D.U.A.T., Kumarganj, Ayodhya (Main Campus), U.P., the course of AGRON 312- Practical Crop Production-I (*Kharif* crops) during 1<sup>st</sup> semester of 2021-22 and AGRON 322- Practical Crop Production-II (*Rabi* crops) during 2<sup>nd</sup> semester 2021-22 by B.Sc. (Ag.) 3<sup>rd</sup> year students were done through PCP revolving fund, A/C No. 10790105677, SBI, Pithala. Total numbers of students were 140. Crops were raised by student's team. The total number of teams formed were 28 consisting of five students in each team during the reporting period. Each group/team was allotted an area of 1250 m<sup>2</sup>. Each group worked right from sowing to harvesting of the crops. During *Kharif* season, rice crop and during *Rabi* season, the wheat crop were taken by the students. After harvesting, the produce after sale, the profits if any were divided in the respected group members. Marks were awarded on the basis of performance/attendance of each student of respective group during crop season and produce received by the respective group.



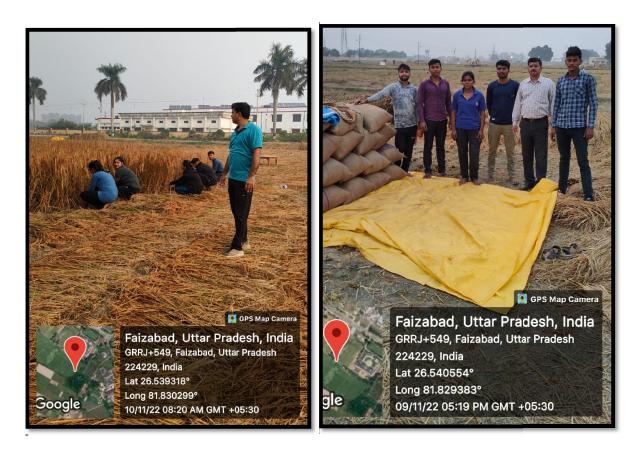
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**Practical Crop Production field** 



**Rice Plantation at Instructional Farm by Undergraduate Students** 



Harvesting of Rice by undergraduate students under Practical Crop Production

### **Animal Livestock Farm**

University has animal houses for cattle, poultry, goat-sheep under the control of College of Veterinary Science. This is use for proper housing and management of animal facilities are essential to animal well- being, to the quality of research data and teaching or testing programmes in which animals are used, and to the health and safety of personal.



Cattle/ Dairy Farm unit



**Goat farming unit** 

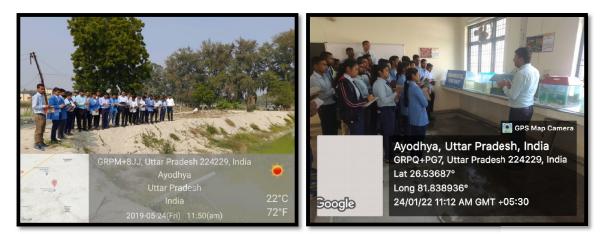
**Poultry farming unit** 

## **Fish Farm**

A modern Instructional Fish Farm is running under the aegis of College of Fisheries, ANDUAT, Kumarganj, Ayodhya. This modern fish farm is serving the purpose of imparting national standards fisheries education to the students, researchers and extension services. Fish farm is endowed with 6 ha total area including 3.65 ha water area. Fish Farm have also demonstration unit for Integrated fish farming units, Paddy-cum-fish farming, Vegetable-cum-fish farming, Makhana-cum-fish farming etc. An ornamental fish unit is also developed at college for demonstration and training purpose.



**Instructional Fish Farm** 



**Practical Class at Instructional Fish Farm** 

Wet lab/ Ornamental Fish Unit

Damarier Registrar A.N.D. Univ. of Agri. & Tech. Kumarganj, Ayodhya

#### Zonal Research Stations/ Crop Research Stations

Three zonal and three crop research stations are under the administrative control of the university and involved in research and extension activities.



**Crop Research Station** Acharya Narendra Deva University Of Agriculture & Technology Masodha, Ayodhya -224133 U.P. India

Prof (Dr.) D.K. Dwivedi Officer Incharge

The crop research station Masodha, under the administrative control of Acharya Narendra Deva University of Agriculture and Technology, Kumarganj, Ayodhya is shouldering major responsibility and pioneering rice research in the state because of its long experienced, sufficient staff, infrastructure and suitable location between the rivers Ganga and Sarjoo. Crop Research Station, Masodha, Ayodhya formerly known as Rice Research Station was established in 1951. Uttar Pradesh government transferred it, after the establishment of the university in the 1976. It is situated at 26.47°N latitude, 82.12°E Longitude and 113 m altitude (above mean sea level). The soil of the station is sandy loam with alkaline tendency, rich in potassium and moderate in organic matter. This center is dedicated to rice research for irrigated ecology along with abiotic stress viz. drought, submergence and salinity.

#### ✤ RESEARCH PROJECTS

In order to achieve the various objectives of research, the following research projects are in operation.

#### **National Projects:**

- o All India Coordinated Rice Improvement Project (AICRIP) ICAR funded.
- All India Coordinated Wheat and Barley Improvement Project (AICRP) ICAR funded. 0
- Radiation induced mutagenesis for the improvement of highly aromatic premium rice variety 0
  - Kalanamak of Uttar Pradesh (BARC) BRNS funded
- Bringing Green Revolution in Eastern India BGREI, GOI funded 0
- **International Projects:** 
  - Stress Tolerance Rice for Africa and South Asia (STRASA) one India\_IRRI\_Network 0
  - Accelerate Genetic Gain in Rice-Alliance for marginal environment (submergence) AGGRi-Alliance one India\_IRRI\_Network
  - European Commission- International Fund for Agricultural Development-EC-IFAD one 0 India\_IRRI\_Network
- State Project:
  - Sodh Yojana
  - Genetic improvement of Kalanamak for productivity traits, biotic and abiotic tolerance, 0 aroma and nutritional quality (UPCAR)
  - Center of Excellence for Rice, U P govt. funded
  - UPCAR Hybrid Rice testing programme
  - UPCAR Mustard testing programme

  - **Private Testing:**  Field evaluation agrochemicals on rice developed by Swaroop Agrochem. Industries
    - o Hybrid mustard testing of Nuziveedu Seeds Ltd., Hyderabad





**Crop Research Station- Masodha** 

# KVK

The mandate of KVK is Technology Assessment (seed, planting material, bio-agents and livestock etc.) and Demonstration for its application and capacity development. Total 25 KVKs are working under the jurisdiction of Acharya Narendra Deva University of Agriculture and Technology, Kumarganj, Ayodhya.



Administrative Building of KVK, Baksa, Jaunpur



Administrative Building of KVK, Haidergarh



Technology Park at Krishi Vigyan Kendra, Haidargarh

# 2. Research Collaboration:

To forge academic and research collaboration for collaborative research, sponsored projects, industry institute interaction etc. University has signed MoUs with prestigious academic institutions, research organizations and industries. External advisory committee members are

appointed from the universities/ICAR institutes with MoU with ANDUAT, Kumarganj, Ayodhya for better teaching, research and extension services to faculty and students.

SI. No.	Organization with MoU is signed	Name of the institution/ industry	Year of signing MoU	Duration	List the actual activities under each MoU
1.	AICRP on Under- Utilized Plants	ICAR	1996	Continued	Conduct research under the AICRP on under utilized plants
2.	Department of Science and Technology, GOI	DST, Govt. of India	2005	Continued	Development of Region Specific Integrated Agromet Predective Models; Daily agroadvisory services for the farmers and their dissemination
3.	Dow Agro Science India Pvt. Limited, Mumbai	Private Limited	2015	Continued	Efficacy testing of different formulations
4.	ICAR – Central Institute for Subtropical Horticulture, Rehmankhera, Post- Kakori, Lucknow	ICAR	2018	Continued	Research and training
5.	ICAR- National Bureau of Agriculturally Important Microorganism, Kusmour, Mau Nath Bhanjan, U.P.	ICAR	2019	Continued	Inter-institute scientific collaboration/student training/post graduate research
6.	ICAR – National Research Centre on Litchi, Mushari, Mujaffarpur (Bihar) and ANDUAT, Kumarganj, Ayodhya	ICAR	2019	Continued	Student's training / post graduate research

**Organization with which MoU is signed :** 

7.	CSIR – National Botanical Research Institute Rana Pratap Marg, Lucknow	CSIR	2019	Continued	Bio-formulation, biocontrol agent, efficacy testing and student's Research
8.	Patanjali Bio Research Institute Private Limited, Haridwar	Private Limited	2019	Continued	Academic collaboration, research and training
9.	Medha Learning Foundation, Lucknow	Private Ltd.	2019	Continued	Academic collaboration and training; 04 enterpreneurial/ personality development trainings in 2019, 03 trainings in 2020 and 02 trainings of students in 2021.
10.	Horticulture Produce Management Institute, New Delhi	NGO	2019	Continued	Research and training activities on organic cultivation of horticultural crops.
11.	Umbrella Memorandum of Understanding Between ICAR and Host Institutions	ICAR	2019	Continued	Research
12.	International Rice Research Institute (IRRI), Manila, Philippines	ICAR	2019	4 Months	Academic collaboration, research and training
13.	ICAR-National Research Centre on Equines, Hisar	ICAR	2019	Continued	Academic collaboration, Research and Training
14.	Hester Biosciences Limited, Ahmadabad	Private Limited	2019	Continued	Research and Training
15.	UP Council of Agricultural Research (UPCAR), Lucknow	UPCAR	2020	03 years	Research
16.	CNH Industrial	Private	2020	Continued	Straw management

	(India) Private limited Supporting straw management solution	Limited			solution to prevent crop
17.	Indian Meteorological Department, GOI	IMD	2020	Continued	Gramin Krishi Mausam Sewa
18.	ICAR-Indian Veterinary Research Institute, Izatnagar, UP	IVRI and ANDUAT	2020	Continued	Academic collaboration, Research and Training
19.	ANDUAT & Brooke Hospital for Animal	Private Limited	2020	Continued	Research and Extension
20.	International Rice Research Institute (IRRI), Manila, Philippines	ICAR	2020	Continued	Academic collaboration, research and training
21.	U.P. Council of Agricultural Research and ANDUAT, Kumarganj, Ayodhya	UPCAR	2020	Continued	Genetic Improvement of Kala Namak for Productivity Traits, Biotic and Abiotic Stress Tolerance Aroma dna Nutritional Quality.
22.	Madan Mohan Malaviya University of Technology, Gorakhpur (MMMUT) – Director Extension MOU for 05 years	MMMUT	2020	Continued	"Technology Assessment and Demonstration for its Application and Capacity Development". These are also suitable organization for research, development and dissemination of improved technologies among the farmers with skill development of the rural youths
23.	Smart Grid Private Limited River view, Ashram Road Navrangpura,	Private Limited	2021	Continued	Research and animal health care

	Ahmedabad				
	(Gujarat)				
24.	International Rice Research Institute (IRRI)	IRRI	2021	Continued	All research materials used in the collaboration will be transferred using appropriate Material Transfer Agreements (hereinafter 'MTA') including SMTA' in line with CGIAR guidelines. Further, the transfer of biological materials, including breeding materials and germplasm, will be subject to pertinent stewardship, biosafety and bioprospecting laws, rules, and regulations. For incoming materials, IRRI may use such materials for non- commercial research and/or education purposes, and in this case, will give full credit to the source of the materials.
25.	ICAR -Indian Institute of Seed Science, Kushmaur MAU - U.P.	ICAR	2021	Continued	Academic collaboration /postgraduate student's research
26.	ICAR-Research Complex for Eastern Region Patna-(Bihar) India	ICAR	2021	Continued	Student's training and post graduate research
27.	ICAR-Central Institute for Research on Cattle Grass Farm Road,	ICAR	2021	Continued	For cooperation in research and academic field

	Meerut Cantt- (Meerut) (UP)				
28.	Directorate of Cold Water Fisheries Research, Bhimtal, Nainital, Uttarakhand	ICAR	2021	Continued	Education, Training and Research
29.	ICAR-Central Research Institute for Dryland Agriculture, Hyderabad	ICAR	2021	Continued	Updating with district based agricultural contingency plan/ Extension climate change sustainable agriculture
30.	Umbrella Memorandum of Understanding Between ICAR and Host Institutions	ICAR	2021	Continued	Research
31.	CSIR - Central Institute of Medicinal and Aromatic Plants, Lucknow	CSIR	2022	Continued	Sharing expertise and facilities

# 3. Research Grant Support:

Faculty are encouraged to apply and obtain research grant in thrust areas from various Govt. and non-Govt. funding agencies. Every faculty members is informed about announcement by various funding agencies and support with proposal formats, budget, purchases of equipment and material under research project.

## List of Research Projects

Sl. No.	Name of Projects	No. of Projects
1.	All India Co-ordinated Research Projects (75% ICAR	19
	share and 25% State share)	
2.	Scheme 100% Financed by ICAR	02
3.	Research Project Financed by International Agency	02
4	Research Projects Financed by UPCAR	03
5.	Research Projects Financed by other National/State Agencies	06
6.	RKVY	09
7.	Non - Plan Projects 100% Financed by State Govt.	18

Total :	59
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Sl. No	Name of the Project/ Scheme	Mobile No.	Name of PI	Year of Start
1.	AICRP on Rice Improvement	9415720287	OIC,CRS	1976
	(D.K. Dwivedi)		Masodha	
2.	AICRP on Deep Water Rice	9415160709	OIC, CRS	1976
	(Mahendra Singh)		Ghaghraghat	
3.	AICRP on Maize Improvement	9450164714	OIC,CRS	1976
	(Mahendra Singh)		Bahraich	
4.	AICRP on Wheat & Barley	9450882524	Dr.Vinod Singh	1987
	Improvement			
5.	AICRP on MULLaRP	9452276217	Dr.ShivaNath	2001
6.	AICRP on Chickpea	9452276217	Dr.ShivaNath	2001
7.	AICRP on forage Crops	9450766603	Dr.Shambhoo	2001
	Improvement		Prasad	
8.	AICRP on Potential Crops	9451955851	Dr. S.C. Vimal	1995
9.	National Seed Project (Crops)-	9451955851	Dr. S.C. Vimal	1978
	1- Seed Technology			
	Research			
	2- Breeder Seed			
	production			
10.	AICRP on Irrigation Water	9450763877	Er. R.C Tiwari	1980
	management			
11.	AICRP on Integrated Farming	9450766594	Dr. A.K. Singh	1976
	System			
12.	AICRP on Vegetable	9450737300	Dr. G.C. Yadav	1980
	Improvement			
13.	AICRP on Potato Improvement	9415475037	Dr. Pradeep	1987
			Kumar	
14.	AICRP on Spices	9415475037	Dr. Pradeep	1995
1.5		0.41.5.420200	Kumar	1007
15.	AICRP on Arid Fruits	9415439398	Dr.BhanuPratap	1987
16.	AICRP on Medicinal &	9936888454	Dr.R.S. Mishra	1980
17	Aromatic Plants	0454022154		1007
17.	AICRP on Agro-forestry	9454932174	Dr.S.K.Verma	1987
18.	AICRP on Agro-meteorology	9415720436	HOD, Agromet.	1990

# A. All India Co-ordinated Research Projects (75% ICAR share and 25% State share)

19	AICRP	for	Dry	land	9415720464	Dr H.C. Singh	1987
	Agricultu	re					

# **B- Scheme 100% Financed by ICAR**

1.	National Initiative on climate resilient	9415720464	Dr H.C. Singh	2010
	agriculture (NICRA) – Dryland			to
	Agriculture			contd.
2.	NICRA (Agro-meteorology)	9415720436	HOD, Agromet.	2010
				to
				contd.

# C. Research Projects Financed by International Agencies- IRRI funded project

1.	Accelerated Genetic Gain in Rice (AGGRi-	HOD Crop	\$ 6000 (4.36	
	Alliance)-Marginal Environment (IRRI)		lacs)	
European commission-International Fund for Agriculture Development (EC-IFAD)				
Europea	in commission-international rund for Agriculture	Development	(EC-IFAD)	
Europea	funded project	Development	L (EC-IFAD)	
2	5	Development	\$ 2000	
	funded project	Development	· · · ·	

# **D. Research Projects Financed by UPCAR**

Sl. No	Name of the Project/ Scheme	Mobile No.	Name of PI	Year of Start & Rs. in lacs
1	Genetic enhancement for terminal heat tolerance in bread wheat <i>(Triticum aestivum</i> L.) with conventional and molecular breeding approaches.	9450766603	Dr. Shambhoo Prasad	2020-21 Rs. 16.77
2	Development of suitable model to harvest the optimum potential of fish production in sodic soil of Uttar Pradesh	9450796577	Dr. Laxmi Prasad	2020-21 Rs. 19.18

3.	Genetic Improvement of	Dr. Saurabh	2020-21
	Kala Namak for	Dixit	Rs. 14.40
	productivity traits, biotic		
	and abiotic stress		
	tolerance, aroma and		
	nutritional quality.		

# E- Research Projects Financed by Other National/ State Agencies

	State Government funded			
1	Centre of excellence in rice	Dr. A. K. Singh	456.00	
2	Establishment of model seed testing lab. Under quality control Component of sub mission on seeds & planting	Dr. S. C. Vimal	140.00	
	material (SMSP)			
	Department of Biotechnology (DBT) funded project			
3	Characterization and evaluation of wheat germplasm lines for biotic stress resistance	Dr. Subash Mathur	30.368	
4	Gramin Krishi Mausam Seva, Ministry of Earth Science(IAAS)	Dr. A. N. Mishra	16.00 (annual)	
5	Science and Technology, Science &	Dr. Ulman Yasmita	2022	
	Engineering Research Board, funded by DST.	Nitin 9871360055	Rs. 30.0 lakh	
6	Radiation induced mutagenesis for improvement of highly aromatic premium rice variety Kala Namak, funded by BARC.	Dr. Saurabh Dixit 7992075842	January-2022 Rs. 9,38,500	

# **RKVY funded projects**

SI.	Name of Project	Date of SLSC	Budget Allocation
No			(Rs. Lac)
1	Strengthening of Krishi Gyan	28.6.2021	160.40
	Kendra, Deoria		
2	Establishment of Milk Processing	28.6.2021	25.95
	Farm		
3	Drone : An Alternative Tool for	28.6.2021	20.00
	Pest Surveillance and Management		
	of Crop		
4	Establishment of Seed Processing	28.6.2021	372.80
	Unit in fulfil the demands of		
	quality and production for		
	increasing farmers income.		

5	Strengthening of Modernization of	28.6.2021	337.80
	Instructional Fish Farm, College of		
	Fisheries, ANDUAT, Kumarganj,		
	Ayodhya		
6	Strengthening of 03 KVKs of	28.6.2021	569.50
	ANDUAT, Kumarganj		
7	Development of different crop	28.6.2021	320.00
	residue management practices.		
8	Promotion of natural farming	28.6.2021	07.00
	module among farming community		
	of Eastern U.P.		
9	Establishment of Solar Park and	28.6.2021	400.00
	solar tree for promoting farmers		
	small entrepreneur.		
	·	Total Rs.	2213.45

# F - Non - Plan Projects 100% Financed by State Govt.

1.	Sodh Scheme (Rice, Masodha)	Drs. V.N. Rai, S.P. Giri
2.	Oil Seed Project	HOD, GPB
3.	Pulses Project	Dr. R.M. Tripathi
4.	Research on Vegetable Crops	Dr. V.B. Singh, Dr. C.N. Ram
5.	Research on Crop Physiology	Dr. R.K. Yadav
6.	NARP (Adjusted), Kumarganj, Faizabad	DAES
7.	NARP (Adjusted), Masodha, Faizabad	OIC CRS Masodha
8.	Foundation and breeder seed production unit and Strengthening of seed testing lab.	JD(S&F)
9.	NARP (Adjusted), (Tissuhi), Mirzapur	OIC, ZARS Tisuhi
10.	Sodh Scheme, Tissuhi (Mirzapur)	Dr. S.K. Singh
11.	Flood Rice Research Scheme : Ghaghraghat (Bahraich)	Dr. T. Kumar
12.	NARP (H.Q.), Ghaghraghat (Bahraich)	OIC CRS Ghaghraghat
13.	Jute Establishment Scheme : Bahraich	OIC, CRS, Bahraich
14.	NARP Sub Station – Bahraich	OIC CRS Bahraich
15.	NARP (Adjusted), Ghazipur	OIC ZARSS Ghazipur
16.	Sodh scheme, Ghazipur	Dr. C.P. Singh
17.	Production and processing of fruits in usar wasteland	HOD Fruit Science

18.   NARP adjusted Basuli     OIC, ZARS, Basuli	18	NARP adjusted Basuli	OIC, ZARS, Basuli
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#### 4. Human Resource Development

Faculty and students are supported and encouraged to participate professional development programmes, organize and participate in Conference, Seminars, Workshops, training programme and enhance their qualifications, faculty members are encouraged and financially supported to guide research. Brainstorming session though talks by eminent personalities from industries, R&D organizations and institutions of repute for the better understanding of research methodology and practices are organized.

Bamarix Registrar A.N.D. Univ. of Agri. & Tech.



Farmers' training under HRD programme



Training to the farmers for scientific fish farming



Training to the farmers for natural farming

	Practising Farmer												
	2017-18		2018-19		2019-20		2020-21		2021-22				
KVK Name	No. of	No. of	No. of	No. of Trainin ees	No. of								
	Traini	Trainin	Traini		Traini	Trainin	Traini	Trainin	Traini	Trainin			
	ng	ees	ng		ng	ees	ng	ees	ng	ees			
Amethi	-	-	16	395	54	1068	38	676	68	1161			
Ayodhya	57	997	69	1240	38	707	54	1012	69	985			
Barabanki	105	6954	58	1292	52	1345	40	729	68	1161			
Bahraich-1	116	2484	213	6182	102	2191	75	1865	108	2575			
Bahraich-2	-	-	10	210	45	790	51	1213	85	2125			
Gonda-2	-	-	62	1219	113	2246	117	2393	118	2394			
Balrampur	102	3143	91	2608	150	4354	80	2781	110	4750			
Siddharth													
Nagar	93	2077	81	1718	87	1937	86	1902	49	1094			
Basti	99	2565	101	2633	95	2477	102	2492	61	1611			
Santkabir	182	3521	133	3308	123	2583	103	2163	114	2394			
Nagar													
Gorakhpur-													
1	163	2133	149	2135	152	2235	158	2228	162	2095			
Mahrajganj	51	985	53	1071	32	642	28	578	47	942			
Ballia	107	1906	120	2524	88	2372	76	1665	97	1956			
Mau	62	1215	67	1345	70	1376	76	1740	75	1742			
Azamgarh-													
1	106	2196	108	1697	110	2402	85	2004	88	2190			
Azamgarh-													
2	0	0	0	0	0	0	35	654	46	1164			
Ambedkarn	82	2190	83	2202	89	2484	74	2171	92	2036			
agar													
Sultanpur			61	1204	69	1683	105	2684	57	1969			
Jaunpur-1	120	3210	140	3500	110	2750	102	2050	100	2005			
Jaunpur-2	0	0	65	1610	86	2145	96	2380	102	2565			
Varanasi	152	3826	115	3136	109	2326	98	2974	100	2461			
Chandauli	94	5066	168	5145	179	5214	189	5451	265	7196			
Ghazipur-2					32	711	36	720	47	972			
Sonbhadra	104	4029	79	1873	79	1682	52	1195	43	975			
Shravasti							40	845	60	1020			

List of Training conducted by KVKs at various centre

	Training to Extension Workers													
KVK Name	2017-18		2018-19		201	9-20	202	0-21	2021-22					
	No. of	No. of	No. of	No. of	No. of	No. of	No. of	No. of	No. of	No. of				
	Traini	Trainin	Traini	Trainin	Traini	Trainin	Traini	Trainin	Traini	Trainin				
	ng	ees	ng	ees	ng	ees	ng	ees	ng	ees				
Amethi														
Ayodhya	14	240	13	240	5	96	3	60	8	171				
Siddharthn														
agar	11	220	12	240	12	240	11	220	6	150				
Basti														
Gorakhpur-1	10	200	8	160	8	160	5	100	11	220				
Mahrajganj	9	225	11	275	4	100	6	150	10	250				
Azamgarh-														
1	16	393	14	312	13	309	10	231	12	288				
Azamgarh-														
2	0	0	0	0	0	0	1	20	2	45				
Ambedkar														
Nagar	7	200	9	290	9	225	5	125	7	175				
Sultanpur			7	125	6	120	7	145	9	180				
Jaunpur-1	5	125	5	125	10	250	8	282	6	150				
Jaunpur-2														
Varanasi	9	135	10	135	12	210	18	270	8	160				
Chandauli	8	200	7	175	14	394	15	418	265	7196				
Ghazipur-2					6	112	4	130	7	168				
Sonbhadra														
Shravasti							2	40	5	100				

	Vocational Training												
	201	7-18	201	8-19	201	9-20	202	0-21	2021-22				
KVK Name	No. of	No. of	No. of	No. of	No. of	No. of	No. of	No. of	No. of	No. of			
	Traini	Trainin	Traini	Trainin	Traini	Trainin	Traini	Trainin	Traini	Trainin			
	ng	ees	ng	ees	ng	ees	ng	ees	ng	ees			
Amethi			5	100	8	125	5	95	8	205			
Ayodhya	16	325	15	305	26	529	17	345	18	360			
Barabanki	17	340	12	263	9	210	6	183	28	680			
Bahraich-1	6	97	19	351	12	285	8	160	10	224			
Bahraich-2			2	40	2	40	3	60	8	176			
Gonda-2			18	379	6	120	11	200	15	300			
Balrampur	12	220	8	160	19	406	6	225	14	343			
Siddharthn	11	210	10	200	13	260	10	200	4	80			
agar													
Basti	24	415	21	460	29	551	30	750	28	700			
Santkabir	8	161	11	227	12	243	11	224	9	183			
Nagar													
Gorakhpur-	11	197	9	130	10	200	10	200	14	280			
1													
Mahrajganj	16	400	18	450 6		150 8		200	14	350			
Ballia	6	135	5	125	8	165	6	133	7	227			
Mau	10	200	8	160	10	200	12	240	11	220			
Azamgarh-	20	415	18	345	9	162	7	122	9	170			
1													
Azamgarh-	0	0	0	0	0	0	2	51	5	120			
2													
Ambedkarn	18	616	17	596	26	1098	28	1275	92	2036			
agar													
Sultanpur			5	130	6	163	10	233	12	275			
Jaunpur-1	10	187	9	141	10	205	10	200	12	240			
Jaunpur-2	0	0	11	255	12	250	10	210	11	235			
Varanasi	20	388	21	379	36	720	16	245	18	430			
Chandauli	5	126	8	207	10	306	14	413	19	530			
Ghazipur-2					12	120	12	116	14	315			
Sonbhadra	16	400	6	150	29	710	18	450	30	750			
Shravasti							2	40	6	150			

# **Other Training**

	201	7-18	201	8-19	2019-20		2020-21		2021-22	
KVK Name	No. of Traini	No. of Trainin								
	ng	ees								
Ayodhya	11	280	7	195	10	1200	1	25	9	868
Siddharth	4	86	5	139	3	105	18	630	5	200
Nagar										
Gorakhpur-	0	0	0	0	0	0	9	315	5	200
1										
Mahrajganj	11	630	16	908	4	257	5	315	12	635
Azamgarh-	13	557	41	1170	21	693	18	633	15	597
1										
Azamgarh-	0	0	0	0	0	0	4	96	7	166
2										
Ambedkarn	18	616	17	596	26	1098	28	1275	20	815
agar										
Sultanpur					18	444	27	234	4	191
Varanasi	6	313	15	300	10	250	3	100	4	140
Chandauli	23	723	25	772	33	1033	41	1033	69	2137
Shravasti							18	630	10	350

Registrar A.N.D. Univ. of Agri. & Tech. Kumarganj, Ayodhya

## 5. Research Advisory Committee:

The university has formed a research and innovation committee to facilitate, monitor and evaluate progress of the research and development activity of the university.





# **Research Advisory Committees of the University**

- College Level Research Advisory Committee- A research advisory committee of all the colleges of the university has been constituted by the Dean of the concerned colleges for providing qualitative guidance to the research scholars, publication of research papers and other research related activities.
- University level Research Advisory Committee A research advisory committee has been constituted by Director of Administration and Monitoring of the University with the approval of the competent authority for Research, planning physical and financial needs of the projects, registration and renewal of the research projects for the next five years.
- An External Research Advisory Committee The committee has been constituted by the Director of administration and Monitoring of the university with the approval of the competent authority for advising research work of the university. The committee has various external renowned scientists for advising the thrust areas for research which is updated from time to time by the competent authority.
- Board of Management (BoM) Board of Management which is an apex body endowed with the responsibility of taking any policy decisions. Any research projects of the government/non- government agencies sanctioned for the university are approved before implementation.



आधर्व नरेन्द्र देव कृषे एवं प्रौद्योगिक विश्वविद्यालय, नरेन्द्रमगर, कुमसगंज, उच्चेभ्या। Acharaya Narendra Deva University of Agriculture & Technology Kumarganj, Ayodhya-224229 (U.P.)

# No- ANDUAT 07/EstL/O.S./

Date

### Order

With a view to get the renewal of the existing Research Advisory Committee of this University Acharya Narchdra Cev University of Agriculture & Technology, Narendra Nagar, Kumarganj, Ayodhya, following external members are rominated ;-

- 1. Dr. S.K.Pandey, Ex Director, CPRI, Shimia
- Dr. R.B.Ram, Ex Dear, Babasaheb Bhim ao Ambedker University, Lucknow.
- 3. Dr. A.P.Sirgh, Ex Dean, IAS, B.H.U.
- 4. Dr. D.C. Chaturvedi, Ex H.O.D, IIVD, Bareilly
- Dr. Gaya Prasad, Ex Vice Chancellor, SVBPAU Meerut

The update information required by the Research Advisory Committee will be furnished by this University from time to time.

This order is issued with the approval of Hon'ble Vice Chancellor.

(A. K. Singa) **Director, Administration & Monitoring** 

No- ANDUAT 07/Estt./0.3./

#### Dated 7.(2-2/

Copy forwarded for information and necessary action to Concerned Research Advisory Committee.

(A. K. Singh) Director, Administration & Monitoring

# **College of Agriculture**

# **Research Advisory Committee**

Dean - Chairman

#### Members - All HODs

- 1. Dr. Suresh Kumar Incharge, Soil Science
- 2. Dr. Ashok Kumar Singh HOD, Crop Physiology
- 3. Dr. A.K.Singh HOD, Agronomy
- 4. Dr. S.C. Vimal HOD, GPB
- 5. Dr. Sushil Kumar HOD, Plant Pathology
- 6. Dr. Vishal Mehta I/C HOD, Statistics
- 7. Dr. Umesh Chandra I/C HOD, Entomology
- 8. Dr. Pratibha Singh HOD, Biochemistry
- 9. Dr. D.K.Dwivedi HOD, Biotechnology
- 10. Dr. S.R. Mishra HOD, Agril. Meteorology
- 11. Dr. R.K. Dohrey, Incharge Extension Education
- 12. Dr. K.K. Singh Incharge Agril. Economics

Secretary - Dr. Alok Kumar Singh

Approved

Dean, College of Agriculture A. N. D. Univ. of Agric. & Tech. Kumarganj - Ayodhya

# **COLLEGE OF HORTICULTURE AND FORESTRY**

A.N.D. University of Agriculture & Technology, Kumarganj-224 229, Ayodhya

## **OFFICE MEMRENDOM**

#### No. 82/CHF/2022

Dated: 05/05/2022

The following research advisory committee constituted for smooth running of research work of College of Horticulture & Forestry

- 1. Dr. O.P. Rao
- 2. Dr. O.P. Rao
- 3. Dr. Sanjay Pathak
- 4. Dr. D. Ram
- 5. Dr. Bhagwan Deen
- 6. Dr. Ashok Kumar
- 7. Dr. G.C. Yadav
- 8. Dr. Bhanu Pratap

No. 82/ CHF/2022

Dean, Chairman

HOD, Silviculture and Agroforestry

HOD, Fruit Science

HOD, Medicinal and Aromatic Plants

HOD, Post Harvest Technology

HID, Floriculture and Landscape

Incharge HOD, Vegetable Science

Associate Professor, Fruit Science, Secretary

(O. P. Rao) Dean, CHF

Dated: 05/05/2022

C.C. for information and necessary action.

All members
 DAES
 Dean, PGS
 S.V.C.

Dean, CHF

#### ORDER

Research Advisory Committee is being constituted for College of Fisheries and following members are being nominated in Research Advisory Committee for monitoring of research work at College of Fisheries.

- 1. Dr. A K Gangwar, Dean, College of Fisheries
- 2. Dr. Laxmi Prasad, Assistant Professor
- 3. Dr. Dinesh Kumar, Assistant Professor
- 4. Mr. S K Verma, , Assistant Professor
- 5. Dr. C P Singh, Associate Professor

Chairman Member Member Secretory

K. Gangwar)

Dean College of Fisheries

### College of Fisheries Acharya Narendra Deva University of Agriculture and Technology Kumarganj Ayodhya, UP-224229

Date. 10157.22

Letter No. 41. T. Copy to:

1. Secretory to Hon'ble Vice Chancellor Sir for kind information please.

2. To all members of committee.

(A. K. Gangwar) Dean College of Fisheries

# College of Veterinary Science and Animal Husbandry Acharya Narendra Deva University of Agriculture & Technology Kumarganj, Ayodhya

Research Advisory Committee Dean-- Chairman Member- All HODs

- 1. Dr. P.S. Parmanik, LPM
- 2. Dr. Namita Joshi, VPH
- 3. Dr. D. Niyogi, Veterinary Pathology
- 4. Dr. A.K. Gangwar, Veterinary Surgery and Radilogy
- 5. Dr. Vijai Kumar Singh, Animal Nutrition
- 6. Dr. Sushant Srivastava, Veterinary Gyncology and Obstrics
- 7. Dr. R.K. Singh, Veterinary Animal Husbandry Extension
- 8. Dr. Sonu Jaiswal, Veterinary Clinical Complex
- 9. Dr. Amit Singh, Veterinary Paracitology
- 10. Dr. S.P. Singh, Livestock Farm Complex
- 11. Dr. Jaswant Singh, AGB
- 12. Dr. Chandra Shekhar Secretary

Approved

(R.K. Joshi) Deana

College of Vety. Science S NDU A.&T. Kumangani, Fait

# Mahamaya College of Agricultural Engineering and Technology Ambedkar Nagar

# **Research Advisory Committee**

Chairman

Dr. H. C. Singh

Dean

Members

1. Dr R. K. Mehta

2. Er. R. J. Singh

Secretary

1. Dr. P. K. Mishra

Professor

Associate Professor

Assistant Professor

5/22 Dean

MCAET Ambedkar Nagar Nagar

# आदेश

सामुदायिक विज्ञान महाविद्यालय से सम्बन्धित शोध परियोजनाओं, शोध पत्र एवं अन्य रिसर्च एक्टीविटीज को गुणवत्तापूर्ण करने हेतु महाविद्यालय स्तर पर एक Research Advisory Committee का गठन किया जाता है। जो निम्नवत् है।

1. डा० नमिता जोशी, अधिष्ठाता	अध्यक्ष
2. डा0 सुमन प्रसाद मौर्य, सह प्राध्यापक एवं विभागाध्यक्ष	। राचिव
3. डा० साधना सिंह, सह प्राध्यापक एवं विभागाध्यक्ष	सदस्य
<ol> <li>डा० पूनम सिंह, सहायक प्राध्यापक एवं प्रभारी</li> </ol>	सदरय

आचार्य नरेन्द्र देव कृषि एवं प्रौद्योगिक विश्वविद्यालय, कुमारगंज, अयोध्या

पत्रांकः ए.एन.डी.यू.ए.टी.–52/2022/240

दिनांक:06/07)2022

उपरोक्त की प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हतु प्रेषित।

सामुदायिक विज्ञान महाविद्यालय

- 1. कुलपति के सचिव को माननीय कुलपति महोदय के अवलोकनार्थ।
- 2. उपरोक्त समिति के अध्यक्ष / सचिव एवं समस्त सदस्यों को।

अभिष्ठान्ताता सामुदायिक विज्ञान महाविद्यालय आ० न० दे० कृषि एवं प्रौ० कि० कि० कुगारगंज, अयोध्या

अधिष्ठाता

### 6. Entrepreneurship Development:

The university are being organizing different training programmes like protected cultivation, fish farming, poultry farming, seed production, value addition and project formulation etc. for the development of the entrepreneurship skill among the students and rural youth.



**Project Formulation discussion with students** 



Protected cultivation training for rural youth



Fish Seed production unit



Value added fish products



Value addition of Aonla: Marmalade



Aonla shreds







**Bael Preserve** 

Fig: Preparation of different fruit product in Fruit processing laboratory of College of Horticulture & Forestry, ANDUAT, Kumarganj, Ayodhya

mariex Registrar A.N.D. Univ. of Agri. & Tech. Kumarganj, Ayodhya

## 7. Other initiative includes:

- Skill development training and programmes
- Visit to industry
- Project work for all students
- The UG and PG students are being funded for their research/ projects



Training for Preparation of useful material from household waste



Training for skill development



Activity	Organizing Units	2017-18 Participants		2018-19 Participants		2019-20 Participants		2020-21 Participants		2021-22 Participants	
	KVKs/										
	University	Student	Teacher	Student	Teacher	Student	Teacher	Student	Teacher	Student	Teacher
RAWE	College of Agriculture	119	03	130	03	111	03	118	03	161	16
RAHE	College of Horticulture	56	06	55	06	37	06	37	06	36	6
RAWE	College of Fisheries	18	03	17	03	24	03	21	03	17	03
Internship	College of Vet. Science & Animal Husbandry	22	16	15	20	33	20	17	20	47	12
RAWE	College of Community Science	40	05	39	05	25	05	15	05	14	5
In-Plant Training	College of Engineering	92	01	58	01	49	01	25	01	20	3
RAWE	KVK, Gorakhpur	-	-	-	-	02	05	-	-	-	-
RAWE	KVK, Baharich	-	-	-	-	-	-	04	04	-	-
RAWE	KVK, Barabanki	-	-	-	-	01	02	31	03	-	-
RAWE	KVK, Ayodhya	-	-	-	-	22	02	04	01	-	-
RAWE	KVK, Sulranpur- II	-	-	-	-	-	-	02	02	-	-
RAWE	KVK, Mau	-	-	-	-	01	03	02	03	-	-
RAWE	KVK, Jaunpur-I	-	-	-	-	12	03	11	03	-	-
RAWE	KVK, Gonda-II	-	-	-	-	09	06	01	06	-	-
RAWE	KVK, Varanasi					175	05	85	05	-	-
RAWE	KVK, Amethi	-	-	-	-	-	-	02	02	-	-
Т	otal	347	34	314	38	501	64	375	67	295	45

# Hands on Training/Experiential Learning Programme for Undergraduate Students

Registrar A.N.D. Univ. of Agri. & Tech. Kumarganj, Ayodhya