

WELCOME



Prof. V. N. Rai, Dean

COLLEGE OF AGRICULTURE

A.N.D. University of Agriculture & Technology, Kumarganj, Ayodhya (U.P.)



INTRODUCTION

- The College was established since inception of the University (January 15,1974)
- B. Sc. (Hons) Ag. programme started in 1978.
- M. Sc. (Ag.) programme started in 1981.
- Doctoral degree programme started in 1982.
- At present there are twelve departments alongwith two sections.

COLLEGE-ADMINISTRATION

DEAN

ASSOCIATE DEAN

Academic

Administrative Staff

Departments/ Sections

1. Agronomy
2. Agricultural Biochemistry
3. Agricultural Economics
4. Agricultural Meteorology
5. Agricultural Statistics
6. Crop Physiology
7. Entomology
8. Extension Education

9. Genetics and Plant Breeding
10. Plant Molecular Biology and Genetic Engineering
11. Plant Pathology
12. Soil Science and Agrl. Chemistry
13. Seed Science and Technology
14. Agricultural Engineering

Academic unit

- 1 Asstt. Administrative Officer
2. Technical Assistants
3. Typist
4. Messengers

Account

1. Office Superintendent
2. Accountant
3. Asstt. Accountant

Supporting unit

- Warden
Asstt. Warden
Security Officer

Faculty

- * Professor
- * Associate Prof. *
- * Asstt. Professor

Supporting

- * Laboratory Assistants
- * Laboratory Attendants
- * Attendants

Dean's Office

1 **Dean- Dr. V. N. Rai**

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2 **Associate Dean- Dr. Sushil Kumar Singh**

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3 **Technical Assistant- Dr. Raj Bahadur**

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4 **Technical Assistant- Dr. Utkarsh Tripathi**

Email: annchiya@gmail.com

Head/ Incharge of Departments/Section

1.	Agronomy	Dr. Gajendra Singh
2.	Agricultural Economics	Dr. G. P. Singh
3.	Agricultural Statistics	Dr. V. N. Rai
4.	Agricultural Meteorology	Dr. Sita Ram Mishra
5.	Agricultural Biochemistry	Dr. Rudra Pratap Singh
6.	Crop Physiology	Dr. A. K. Singh
7.	Extension Education	Dr. Prakash Singh
8	Entomology	Dr. Umesh Chand (Incharge)
9.	Genetics & Plant Breeding	Dr. R. D. S. Yadav
10.	Plant Molecular Biology & Genetic Engineering (Biotech)	Dr. D. K. Dwivedi
11.	Plant Pathology	Dr. Sushil Kumar Singh
12.	Soil Science & Agric. Chemistry	Dr. Ved Prakash
13.	Seed Science and Technology Section	Dr. S. C. Vimal (Incharge)

FACULTY STRENGTH:

S.N.	Faculty	Faculty in place
1	Professor	16
2	Associate Professor	16
3	Assistant Professor	42
4	Guest Faculty	12
	Total	86

TECHNICAL AND SUPPORTING STAFF:

Name of Post	No.
Technical and supporting staff	66+22=88

Cell/Committees in College

- **Anti- Ragging Cell**
- **Institutional Animal Ethics committee**
- **Committee for prevention of sexual Harassment of Women at Work Places**
- **Personality Development Cell**
- **Cultural Centre**
- **Waste Disposal Facility**
- **Examination Grievance Cell**

Academic programmes and Number of students (2019-20)

<i>Programmes</i>	<i>Duration</i>	<i>Batch</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
<i>B.Sc. (Ag.)</i>	4 Years	Ist Year	114	28	142
		IInd Year	100	10	110
		IIIrd Year	111	08	119
		IVth Year	162	07	169
		Old	09	00	09
		Total	496	53	549
<i>M.Sc. (Ag.)</i>	2 Years	Ist Year	98	15	113
		2nd Year	95	09	104
		Old	04	00	04
		Total	197	24	221
<i>Ph.D.</i>	3 Years	Ist Year	34	06	40
		2nd Year	29	03	32
		3rd Year	22	05	27
		4th Year	09	07	02
		5th Year	04	02	06
		6th Year	05	01	06
		7th Year	01	00	01
		Total	102	19	121
Total Students			795	96	891

Different post graduate degree programmes

College	Masters Degree				Ph.D. Programme		
	Department	Start year	Seats/ Intake at start	Seats/ Intake 2019	Start year	Seats/ Intake at start	Seats/ Intake 2019
College of Agril culture	Agronomy	1981	06	20	1982	02	04
	Agril. Economics	1982	04	10	1982	01	06
	Agril. Statistics	1996	02	02	1998	02	03
	Agril. Biochemistry	1983	04	08	1985	02	04
	Crop Physiology	1982	04	07	1985	02	03
	Entomology	1982	04	15	1984	02	04
	Genetics and Plant Breeding	1981	06	20	1982	04	08
	Plant Pathology	1983	04	12	1985	02	05
	Soil Science and Agril. Chem.	1982	04	12	1984	02	04
	Agril. Meteorology	2000	01	06	2010	04	04
	Extension Education	1996	02	10	2010	03	04
	Agril Biotechnology (PMB&GE)	2004	12	10	2009	02	06
	Seed Science &Tech.(Section)	2012	04	04	2012	03	03

Learning Resources:

- Special classes for JRF,NET,SRF, ARS and English.
- Four computer labs and ARIS labs for use of UG, PG, Ph.D. students and Faculty members.
- Wi-Fi/ internet and Computer facility is available to almost all faculty members and students of the departments to enrich and update their knowledge.
- Central Laboratory.

COLLABORATIONS WITH ACADEMIC INSTITUTIONS & INDUSTRIES

- **International Rice Research Institute, Philippines**
- **ICAR-National Bureau of Agriculturally Important Microorganisms, Kushmaur, Mau Nath Bhanjan, U.P.**
- **Uttar Pradesh Council of Science and Technology**
- **National Botanical Research Institute, Lucknow**
- **Patanjali Bio Research Institute Private Ltd. Laksar Road Haridwar**
- **Different private organizations**

ICAR-National Bureau of Agriculturally Important Microorganisms, Kushmaur, Mau Nath Bhanjan, U.P.





25th training under CAFT

Curricula Delivery through IT (Smart Class Rooms/ Interactive Board.)

- **Five SMART class rooms.**
- **Each department of the college has one seminar and two lecture rooms equipped with Multi-media facility.**
- **Central Committee room with LCD projector for seminar and lecture purposes.**

College Library (Digital):

- **Functional digital library.**
- **Each department of the college has a separate departmental library having important text books and Journals.**

COMPUTER LAB



Lecture Rooms & Laboratories:

S. No.	Degree Programme	No. of Lecture Rooms	Seminar Room	No. of Laboratories
	UG	10	-	27
	PG			
1.	Agronomy	2	1	3
2.	Agricultural Biochemistry	2	1	2
3.	Agricultural Economics	2	1	2
4.	Agricultural Meteorology	1	1	2
5.	Agricultural Statistics	1	1	3
6.	Crop Physiology	2	1	2
7.	Entomology	1	1	3
8.	Extension Education	2	1	1
9.	Genetics and Plant Breeding	2	1	2
10.	PMB&GE (Bio-Tech.)	4	1	3
11.	Plant Pathology	2	1	4
12.	Soil Science and Agril. Chemistry	2	1	2

Department wise Lab equipments

Name of equipments	No	Plant Molecular Biology & Genetic Engineering	Plant Pathology	Agri. Biochem}		
Agromony		PCR machine 2 Gel Doc 2 Incubator 1 Laminar air flow 3 Shaker 1 Trans blot 1 UV-Vis 1 Spectrophotometer 1 Distillation unit 1 Gene gun 1 Deep freezer 1 2D Gel unit 2-D 1 Electrophoresis unit (Horizontal and vertical) 3 Water Bath 1 Ice Flicker 1 pH meter 2 HPLC 1 ELISA reader 1 Centrifuge 3 Autoclave 2	Real Time PCR	01	Centrifuge	1
Grinder	01		PCR	01	Muffle furnace	1
Electronic Balance	01		Lyophilizer	02	Distilled water plant (single)	1
Chemical Balance	01		Centrifuge	02	Water bath	1
Distillation Unit	02		Laminar Flow	02	Electrical balance	1
Balance Tripad	01		Hot Air Ovens	03	Electrophoresis	1
Spectro Photometer	01		BOD Incubators	03	pH meter	1
Balance (3 kg capacity)	01		Autoclave	02	Hot Air Oven	2
LCD Projector	01		Refrigerators.	04	pH meter	1
Moisture meter	01		Gel Electrophoresis Unit	02	Oven	2
pH Meter	01		Seed Germinator	01	Electrophoresis	1
Flame Photometer	01		ELISA Unit	01	Spectronic-20	1
N-Analyzer	01		Electronic Weighing Balance	01	Spectro photometer	1
Leaf Area Meter	01		Water Distillation Unit	01	Stabilizer	3
Oven	01		pH Meter	01	Electronic balance	1
Mechanical Shaker	01		Genetics and Plant Breeding		Agri. Statistics	
			Microscopes	20	Computer	46
			Balance	3	Extension Ed.	
			Electronic Balance	2	T.V	01
					Overhead Projector	01
				Camera handy cam	01	
				Computer	02	

Entomology		Soil Science & Agril. Chemistry		Agril. Economics	
Centrifuge Machine	2	Nitrogen Auto Analyzer	1	Computer (Desktop, CPU, Printer)	1
Electronic balance	2	pH meter	2	Overhead Projector	1
Chainometric balance	5	BOD Incubator	2	Slide Projector	1
Flame photometer	2	Refrigerator 300 liters	1	Laptop	1
Leaf area meter	1	Mixer/grinder	1	LCD Projector	1
Chlorophyll meter	1	Microscope	1	Physical Balance	38
Microscope	1	Autoclave Vertical Double wall Size 300x500	1	Agril Meteorology	
Low term cabinet		Electrical Conductivity meter	1	Lux meter	01
Oven	2	Spectrophotometer	1	Psychrometer	01
pH meter	1	Mechanical Shaker	1	Net Radiometer	01
Conductivity meter	1	Analytical balance	1	Electric oven	02
Spectrophotometer Shimadzu	1	Hot air oven	1	Balance	01
LCD	2	Top Table Centrifuges	1	Soil heat flux plate	01
Computer	3	Suction Pump	1	Humidity chamber	01
Crop Physiology}		Distilled water unit Glass	2	Infrared Soil moisture balance	01
Centrifuge Machine	2	Muffle Furnace	1		
Electronic balance	2	Diamond Impregnated Cutting Wheel	1		
Chainometric balance	5	Universal Blast Burner	1		
Flame photometer	2	Triangular file	1		
Leaf area meter	1	Diamond Glass Cutter	1		
Chlorophyll meter	1	Glass Cutter Tubing	1		
Microscope	1	Soil Auger Screw Type	2		
Low term cabinet	1	Soil Salinity sensor	1		
Oven	2	Hydro probe with	1		
pH meter	1				
Conductivity meter	1				
Spectrophotometer	1				
LCD	2				
Computer	3				
Photoconier Machine	2				

Instructional / Research Farms

S.No.	Name of the Farm (Agricultural Land)	Area (Acre)
1	Students Instructional Farm	35
2	Agronomy Farm	25
3	Genetics and Plant Breeding Farm	20
4	Crop Physiology Farm	5
5	Main Experiment Station Farm	62

❖ Student READY/ In-Plant Training/Experiential Learning Programmes

Study Tour

- The students are taken on tour to various institutions and research institutes situated in the state to get aware and learn the latest development in agriculture.

❖ Experiential Learning Programmes- Three ELP modules are operational

- ELP-422 Seed Production Technology Credit- 10 (0+10)
- ELP-423 Mushroom Cultivation Technique Credit -10 (0+10)
- ELP-425 Commercial Beekeeping Credit -10 (0+10)



B. Sc. (Hons) Ag. II year study tour at NBRI, Lucknow



B. Sc. (Hons) Ag. II year study tour at IISR, Lucknow

Rural Agriculture Work Experience & AIA

S. No.	Year	Place	District	Students participated		Total
				M	F	
1	2013-14	KVK and Villages	Jaunpur, Barabanki, Ayodhya, Basti	86	06	92
2	2014-15	KVK and Villages	Ayodhya, Barabanki	117	06	123
3	2015-16	KVK, MCAET and Villages	Ambedkar Nagar	118	09	127
4	2016-17	Villages	Ayodhya	114	10	124
5	2017-18	Villages	Sultanpur	116	03	119
6	2018-19	Villages	Ayodhya	120	10	130
7	2019-20	Villages	Amethi, Sultanpur	106	05	111



B. Sc. (Hons.) Ag. IV Students under RAWE programme



B. Sc. (Hons)Ag. IV year Students in RAWE programme

Admission Process

- The admissions to the UG, PG and Ph.D. programmes of the Agriculture College are through Uttar Pradesh Combined Agriculture and Technology Entrance Test (UPCATET) .

Examination and Evaluation Process

- Semester system is followed for all the degree programmes.
- Each semester has 110 working days including examination.

Examination	UG	PG	Ph.D.
Internal (%)	50%	50%	100%
External (%)	50%	50%	--

Sound practical training in field and lab



Language Lab

- English coaching class for undergraduate students.
- The college has a well-organized language laboratory.

Cultural Center:

College has cultural center and one auditorium for conducting cultural activities. In addition to the auditorium three more auditoriums available in the university campus.



Personality Development:

College has established a Personality Development Center. At present, Medha Learning Foundation, Lucknow is providing trainings in field of personality and career development by offering different modules.

Physical Facilities- Hostels:

Being a residential University, the students of College are required to reside in the Hostel. University has separate hostels for boys & girls.

Sr.No	Hostel			Sr.	Hostel		
1.	Ganga Hostel			8.	Saraswati Hostel		
2.	Yamuna Hostel			9.	Rapti Hostel		
3.	Saryu Hostel			10.	Gomti Girls Hostel		
4.	Rohini Hostel			11.	Niranjana Hostel (G.H.)		
5.	Hiranyawati Hostel			12.	Gomti Girls Hostel Phase-2 (G.H.)		
6.	Anoma Hostel			13.	Achirawati Hostel		
7.	Amrawati Hostel						



**Personality and Entrepreneurial skill
development of students- by MEDHA Learning
Foundation**

Examination Hall:

➤ Four examination halls are available. The capacity of each examination hall is of 260 students.



SEMESTER EXAMINATION

Supervision of students

The faculty members are assigned the duty of supervision of B.Sc. (Hons) Ag students as advisors . Five students are allotted to the one teacher at a time

Sports and Recreation Facilities:

- Sports facilities available at central sports ground as well as different hostels of the University Physical Education is a compulsory curricular programme for all the first year students of under-graduate degree programme.
- Qualified Physical Education staff is provided to handle, the physical education classes and Sports activities at the College.
- Sufficient opportunities and facilities are provided to the students of college for taking part at Campus/Inter-Campus/Inter-University/Inter-Zone/National level Sports and Cultural activities and to improve their talents further

Place	Sports facilities available
College of Agriculture	1. Hockey field table
	2. Football field court
	3. Basketball court
	4. Indoor badminton hall
	5. Gymnasium hall
	6. Cricket ground
	7. Volley ball court
	8. Kho- kho court
	At Hostels
2. Volley ball court	

Campus interview



Selected students in Dayal Fertilizer Limited



SRF Coaching



Felicitation of NET qualified students

➤ **Faculty Achievements (2013-18)**

✚ Awards received by faculty	- 53
✚ Seminar, symposium, workshop attended	- 110
✚ Visiting Scientists	- 25
✚ Research papers published	- 386
✚ Books published	- 12
✚ Variety Released	- 19
✚ New Reports of Phytoplasma	- 06

➤ **Student Achievements**

- Six B.Sc. (Hons) Ag. students qualified JRF and 32 NET(2019).
- One Ph. D. Student secured INSPIRE fellowship(2019).
- Mr. Subham Singh, M. Sc.(Ag.) Agronomy won the First prize (Rs. 50000) in National Essay writing competition organized by Ministry of Agriculture, Co-operation and Farmer's Welfare.

CENTRE FOR EXCELLENCE

- **Centre of Excellence in Rice**
- **Centre of Advanced Studies in Plant Physiology**

RESEARCH PROJECTS

- **AICRP Projects (ICAR) - 10**
- **Ad-hoc projects - 07**
- **International project - 01**
- **Non - Plan Projects - 04**
- **Research projects submitted - 14**

FIRST REPORT

- ▶ Four New Phytoplasmas on Pulses
 - ▶ *Ca. P. trifolii* subgroup D (16SrVI-D)
 - ▶ *Ca. P. phoenicium* subgroup C (16Sr IX-C)
 - ▶ *Ca. P. cynodontis* (bermuda grass white leaf) subgroup A (16SrXIV-A)
 - ▶ *Ca. P. aurantifolia* subgroup D (16Sr II-D)
- ▶ Two New Phytoplasma in Mustard
 - ▶ Rice yellow dwarf (16SrXI-B)
 - ▶ Clover proliferation (16Sr VI-D) subgroups of phytoplasmas on mustard

Board of Faculty (BOFA) meeting



Extra –mural lectures by distinguished scientists






**Inspection of field experiments of P.G. students by Sri Amit Mohan Prasad,
Principal Secretary, Agriculture, U. P.**



Lighting of lamps during inauguration of Indian Phytopathological meet cum National Seminar during February, 28 - March 01, 2015

Agriculture College, Azamgarh

- + Under graduate programme has been started at Azamgarh campus (60 students per batch) in 2015.**

The image features a lush, green background of maple leaves. The leaves are in various shades of green, from bright lime to deep forest green, and are scattered across the frame. In the center, there is a light green rectangular box with a subtle gradient. Inside this box, the word "THANKS" is written in a large, bold, black, sans-serif font. The text has a soft, pinkish-purple glow or shadow effect around it, making it stand out against the green background. In the bottom right corner, there are several thin, white diagonal lines and a small, faint watermark.

THANKS