




वार्षिक प्रतिवेदन

Annual Report

2021-22

Acharya Narendra Deva University of Agriculture & Technology,
Kumarganj, Ayodhya – 224229 (U.P.) - India
Website- www.nduat.org


आचार्य नरेन्द्र देव
अक्टूबर 31,1889 - फरवरी 19,1956

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कुलपति
Dr. Bijendra Singh
Vice Chancellor

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

Foreword

The Acharya Narendra Deva University of Agriculture & Technology, ever since its establishment has been playing a vital role in agricultural development of the nation. After having helped in green revolution obviating national food security concerns, the University continues to strive hard to further accelerate the agricultural growth and development of the eastern region of the Uttar Pradesh.

Apart from the mandatory areas viz., Teaching, Research and Extension activities, the University continues to focus on and evolve in alignment with the overarching sustainability, challenges related to climate change, natural resource depletion and rural livelihood enhancement. Intensive agriculture of the region has considerable bearing on these challenges. Aside from crop diversification, research programmes of the University continue to aim at appropriate mechanization, processing, value addition, subsidiary occupations, and above all efficient agri-business and marketing to address these challenges

On the academic front, a total number of 943 students have been admitted comprising of 499 students in UG, 330 students in PG and 114 students in PhD.

The placement cell of the University is working well and this year a total of 76 students have been selected for the post of Agricultural Scientists / Subject Matter Specialists and Assistant Professors by different reputed Universities/ Institutions in India. Seventy Three students have qualified the prestigious ASRB NET/ JRF examination.

On the research front, during the period 2021-22, nine improved crop varieties were developed and released from ANDUAT. So far, the university has developed a total of 192 varieties of crops (cereals, pulses, oil seed crop, fruits, vegetables and spices). This year, university has produced 7968.12 quintals of Kharif seeds and 3964.74 quintals of Rabi seeds during this year. I appreciate the efforts of our scientists in presenting research at various national and international fora.

The university is continuously disseminating the technologies to farmers through field demonstrations and trainings with the help of network of its 25 KVKs spreading across 27 districts of Eastern Uttar Pradesh.

I congratulate the Coordination Cell team on their strenuous efforts in compiling and bringing out the 44th Annual Report of ANDUAT. I am glad to present an overview and achievements of various Colleges, Directorates and different units and sections of this University, through this Annual Report for the year 2021-2022.

(Bijendra Singh)
Vice-Chancellor

EXECUTIVE SUMMARY

Degree Awarded	• In the year 2021-22, 498 students were awarded degrees in various course programmes during 23rd Convocation. 87.95% were boys and 12.05% girls.
Award and Honours	• University got Best Centre Award for ICAR- All India Coordinated Research Project on Arid Zone Fruit. • 102 teachers/scientists were given various awards and accolades by various government and non- government bodies.
Seed production	• University has produced 7968.12 quintals of Kharif seeds and 3964.74 quintals of Rabi seeds during this year.
Placement of students	• A total of seventy six students of University have been selected for the post of Agricultural Scientists / Subject Matter Specialists and Assistant Professors by different reputed Universities/ Institutions in India
Student's achievement in NET/ JRF	• This year seventy three students have qualified the prestigious ASRB NET/ JRF examination.
Infrastructural reforms	• University Library was upgraded by developing its website by which the library can be accessed online anytime. Library automation and digitalization work has been started by implementing library management software KOHA and its integration with the webpage of library. • Renovation of Rapti, Kalindi, Varuna, Gomti, Niranjana, Saryu, Saraswati, Anoma and other hostels has been done. • Establishment of smart classrooms • Purchase of instruments • Renovation and upgradation of labs/plants (Feed Analysis Lab, Parasitology Lab, Embryo Transfer Techniques Lab, Biopesticide and Biofertilizer Lab, Milk Processing Plant • Strengthening of KVKs • Establishment of Amrit Sarovar Pond, Fish cum paddy culture unit, Makhana based fish farming unit • Constructed ponds for rain water harvesting. • Upgradation of sports complex • Facilities for waste management
Varieties developed	• Wheat variety NW-7008 (SVRC) developed this year is high yielding and resistant to all three rust, lodging and shattering. • Rice variety NDR-702 has been developed which is tolerant in deep water and moderately resistance to Neck Blast and Stem Borer.

	• Narendra Suyog (NDB white-1), a variety of brinjal has been developed this year that has medium long fruit shape and is suitable for both season, *Kharif* and *Rabi*. • Bottle Gourd Hybrid (NDBGH-14-10) variety is developed that bears attractive cylindrical, light green colour fruit with good palatability and tolerant to major diseases. • Three varieties of Bael: Narendra Bael-08, Narendra Bael -10 and Narendra Bael-11 have been developed this year. • Pea variety, Narendra Matar-1 has been developed this year which is resistant to powdery mildew and tolerant to rust. • Green gram variety Narendra Chana-1 has been developed this year which is multiple resistant to dry root rot and Aschochyta blight and moderately resistant to pod borer.
Extension activities	• During the reporting year, 1409 number of trainings were imparted, out of which, 982 trainings to practicing farmers, 225 rural youth trainings, 73 extension functionaries, 51 Sponsored training and 78 Vocational trainings were conducted and total ther were 32355 beneficiaries. • 6903 number of other extension activities (advisories service, diagnostic services, field visits, group discussion, kisan gosthis, film shows, self help groups were organized. The mass media includes 149 numbers of radio talks and 148 TV talks were broadcasted/ telecasted in the reported year
Publications	• 14 books and 187 research articles were published in NAAS accredited journals
Skill Development Programme	• Directorate of training and placement organized 35 days training on soft skills and language development in collaboration with Smart Series Bangalore from 27 January -15 February, 2022 under NAHEP. • Online personality development and soft skills training program from February, 28th to March 3rd, 2022 by master trainers Shri Kaushal Raut under NAHEP-IG project. The training was attended by 90 students from different colleges.
Ranking preparation	• University decided to participate in NAAC accreditation and preparations have been started
Scholarships	• During the academic year 2021-22, the students of different categories got scholarship and fee reimbursement from Social Welfare, Other backward class and Minority departments of U.P Government Mandi Parishads-UP, NTS, DST, Indo-Afghan and University merit Scholarship. A total of 1741 students benefitted by these scholarships.

Linkage with other Institutes & Organizations	• The MoU signed between NDUAT and Medha Learning Foundation, Lucknow to establish the Career Service Centre to train the students about the Career Advancement Bootcamp. • MoU with ICAR - Central Institute for Research on Cattle, Meerut for basic and strategic research for cattle production management. • MoU with Directorate of Cold Water Fisheries Research, Nainital for education, training and research on cold water fish. • MoU with ICAR - Central Research Institute for Dryland Agriculture, Hyderabad. • MoU with ICAR - Indian Institute of Seed Science, Mau. • MoU with ICAR - Research Complex for Eastern Region, Patna.
Projects	• Total of 54 projects were in operations during the year 2021-22. Out of which 18 of AICRP, 18 by State Government, 2 by ICAR, 2 by International agency, 3 by UPCAR, 7 by National/State agency and 4 by RKVY.
Technology developed	• A total of 35 location based technologies were developed in agriculture and related fields.
Extra-curricular activities	• Annual sports from 4-6 March 2022, under the able directions of Honorable Vice Chancellor. 1200 students from different colleges were grouped into 6 houses viz yellow, blue, purple, green, red and pink houses exhibiting sportsmanship and an essence of "unity in diversity". • International Yoga Day on 21st June, 2022 as a mega event with participation of more than 1100 students, faculties and staffs. • Number of cultural programs were organized to commemorate various occasions. • Under the aegis of different colleges and NSS units, the university organized different programs round the year namely plantation drive, cleanliness drive and different awareness programs etc.
Health camps	• Various routine health check up camps were organized for employees and students. • Free covid vaccination camp for employees, wards and students • Sanitization drive during covid time.
Budget summary	• Total revenue generated during 2021-22 was Rs. 1590.49 lakhs against the total grant received for an amount Rs. 16627.00 lakhs.

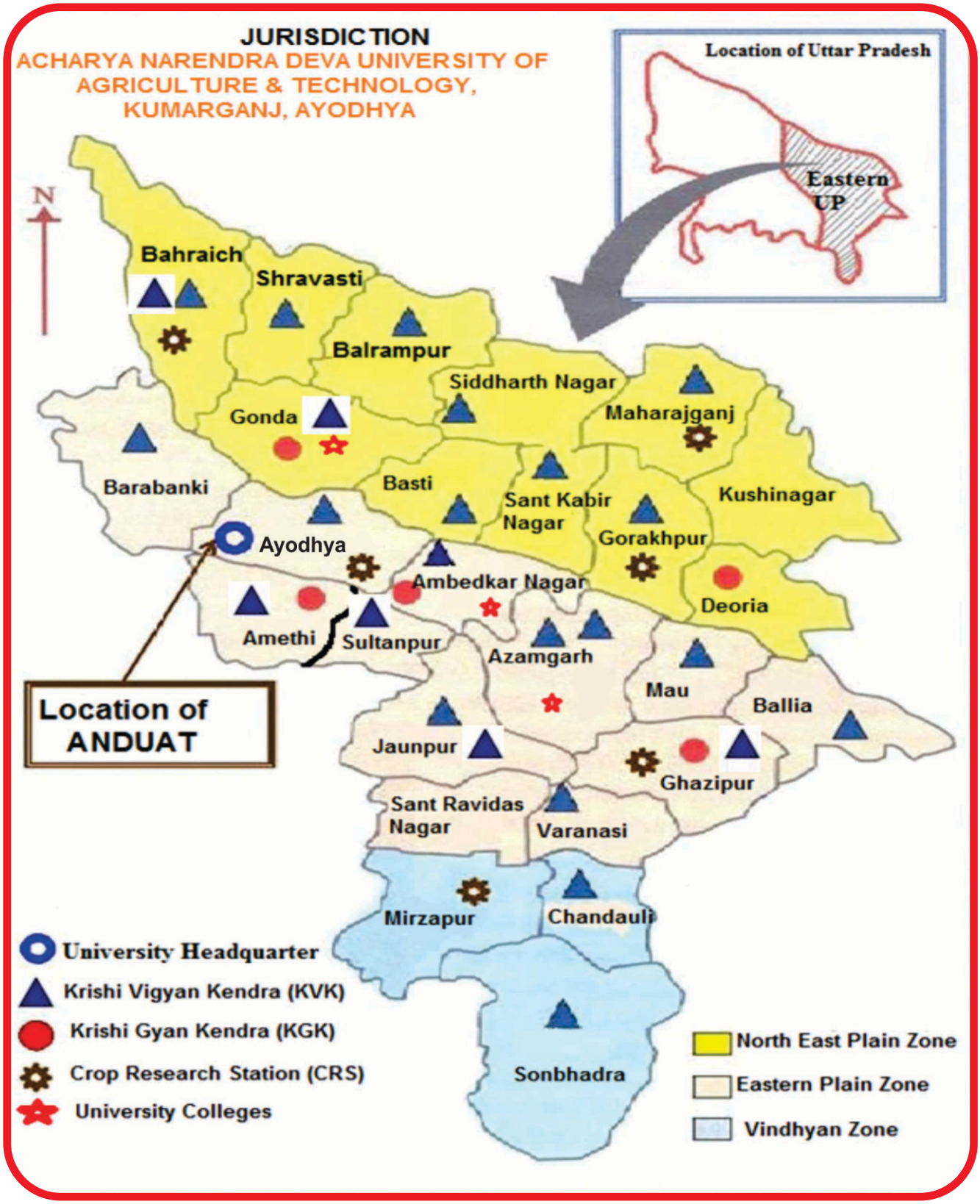
कार्यकारी सारांश

डिग्री प्रदान की गई	• वर्ष 2021–22 में 23वें दीक्षांत समारोह के दौरान विभिन्न पाठ्यक्रम कार्यक्रमों में 498 छात्रों को डिग्रियां प्रदान की गईं जिनमें 87.95% लड़के और 12.05% लड़कियां थीं
पुरस्कार और सम्मान	• विश्वविद्यालय को शुष्क क्षेत्र फल पर आईसीएआर–अखिल भारतीय समन्वित अनुसंधान परियोजना के लिए सर्वश्रेष्ठ केंद्र का पुरस्कार मिला। • 102 शिक्षकों/वैज्ञानिकों को विभिन्न सरकारी और गैर–सरकारी निकायों द्वारा विभिन्न पुरस्कार और सम्मान प्रदान किए गए
बीज उत्पादन	• विश्वविद्यालय ने इस वर्ष के दौरान 7968.12 क्विंटल खरीफ बीज और 3964.74 क्विंटल रबी बीज का उत्पादन किया है।
छात्रों का प्लेसमेंट	• भारत के विभिन्न प्रतिष्ठित विश्वविद्यालयों/संस्थानों द्वारा कृषि वैज्ञानिकों/विषय वस्तु विशेषज्ञों और सहायक प्रोफेसरों के पद के लिए विश्वविद्यालय के कुल 76 छात्रों का चयन किया गया है।
विद्यार्थी की उपलब्धि	• इस वर्ष 73 छात्रों ने प्रतिष्ठित ASRB NET/JRF परीक्षा उत्तीर्ण की है।
अधारभूत संरचना सुधार	• विश्वविद्यालय के पुस्तकालय को उसकी वेबसाइट विकसित करके उन्नत किया गया, जिससे पुस्तकालय को कभी भी ऑनलाइन एक्सेस किया जा सकता है। पुस्तकालय प्रबंधन सॉफ्टवेयर 'कोहा' को क्रियान्वित कर पुस्तकालय के वेबपेज के साथ इसका एकीकरण कर पुस्तकालय स्वचालन एवं डिजीटलीकरण का कार्य प्रारंभ किया गया है। • राप्ती, कालिंदी, वरुणा, गोमती, निरंजना, सरयू, सरस्वती, अनोमा सहित अन्य छात्रावासों का जीर्णोद्धार किया गया है। • स्मार्ट कक्षाओं की स्थापना। • उपकरणों की खरीद। • प्रयोगशालाओं/संयंत्रों का नवीनीकरण और उन्नयन (फ़ीड विश्लेषण प्रयोगशाला, परजीवी विज्ञान प्रयोगशाला, भ्रूण स्थानांतरण तकनीक प्रयोगशाला, जैव कीटनाशक और जैव उर्वरक प्रयोगशाला, दूध प्रसंस्करण संयंत्र। • केवीके का सुदृढ़ीकरण। • अमृत सरोवर तालाब, मछली सह धान संवर्धन इकाई, मखाना आधारित मछली पालन इकाई की स्थापना। • वर्षा जल संचयन के लिए तालाबों का निर्माण। • खेल परिसर का उन्नयन। • अपशिष्ट प्रबंधन के लिए सुविधाएं।

प्रजातियां विकसित हुईं	• गेहूँ की किस्म NW-7008 (SVRC) अधिक उपज देने वाली और जंग लगने, जमने और टूटने की प्रतिरोधी है। • चावल की किस्म NDR–702 विकसित की गई है जो गहरे पानी में सहिष्णु है और नेक ब्लास्ट और स्टेम बोरर के लिए मध्यम प्रतिरोधी है। • नरेंद्र सुयोग (एनडीबी व्हाइट–1), इस वर्ष बैंगन की एक ऐसी किस्म विकसित की गई है जिसके फल मध्यम लंबे आकार के होते हैं और खरीफ और रबी दोनों मौसमों के लिए उपयुक्त होते हैं। • लौकी की संकर (एनडीबीजीएच–14–10) किस्म विकसित की गई है जिसके फल आकर्षक बेलनाकार, हल्के हरे रंग के अच्छे स्वाद के साथ बड़े रोगों के प्रति सहिष्णु होते हैं। • बेल की तीन किस्मेंः नरेंद्र बेल–08, नरेंद्र बेल–10 और नरेंद्र बेल–11 इस वर्ष विकसित की गई हैं। • इस वर्ष मटर की किस्म नरेंद्र मटर–1 विकसित की गई है, जो चूरिल आसिता के लिए प्रतिरोधी और रतुआ के लिए सहिष्णु है। • इस वर्ष मूंग की किस्म नरेंद्र चना–1 विकसित की गई है जो शुष्क जड़ सड़न और एशोकोकाइटा ब्लाइट के लिए बहुप्रतिरोधी है और फली छेदक के लिए मध्यम प्रतिरोधी है।
प्रसार	• समीक्षाधीन वर्ष के दौरान, 1409 प्रशिक्षण दिए गए, जिनमें से 982 प्रशिक्षण किसानों को दिए गए, 225 ग्रामीण युवा प्रशिक्षण, 73 विस्तार कार्यकर्ता, 51 प्रायोजित प्रशिक्षण और 78 व्यावसायिक प्रशिक्षण आयोजित किए गए और कुल 32355 लाभार्थी लाभान्वित हुए। • 6903 अन्य विस्तार गतिविधियाँ (सलाहकार सेवा, नैदानिक सेवाएँ, क्षेत्र का दौरा, समूह चर्चा, किसान गोष्ठियाँ, फिल्म शो, स्वयं सहायता समूह आयोजित किए गए। मास मीडिया में 149 संख्या में रेडियो वार्ता और 148 टीवी वार्ताएँ प्रसारित/प्रसारित की गईं।
प्रकाशन	• 14 पुस्तकें और 187 शोध लेख NAAS मान्यता प्राप्त पत्रिकाओं में प्रकाशित हुए।
कौशल विकास कार्यक्रम	• शिक्षण और प्लेसमेंट निदेशालय ने 27 जनवरी से 15 फरवरी तक स्मार्ट सीरीज बैंगलोर के सहयोग से सॉफ्ट स्किल्स और भाषा विकास पर 35 दिनों का प्रशिक्षण आयोजित किया। • नएएचईपी–आईजी प्रोजेक्ट के तहत मास्टर ट्रेनर कौशल राउत द्वारा ऑनलाइन पर्सनालिटी डेवलपमेंट एंड सॉफ्ट स्किल्स ट्रेनिंग प्रोग्राम 28 फरवरी 2022 से 3 मार्च, 2022 तक। प्रशिक्षण में विभिन्न महाविद्यालयों के 90 छात्र–छात्राओं ने भाग लिया।
रैंकिंग की तैयारी	• विश्वविद्यालय ने नैक मान्यता में भाग लेने का निर्णय लिया है और तैयारी शुरू कर दी गई है।
छात्रवृत्ति	• शैक्षणिक वर्ष 2021–22 के दौरान, विभिन्न श्रेणियों के छात्रों को समाज कल्याण, अन्य पिछड़ा वर्ग और यूपी सरकार के अल्पसंख्यक विभाग, मंडी परिषद–यूपी, एनटीएस, डीएसटी, भारत–अफगान और विश्वविद्यालय योग्यता छात्रवृत्ति से कुल छात्रवृत्ति और शुल्क प्रतिपूर्ति मिली। इन छात्रवृत्तियों से 1741 विद्यार्थी लाभान्वित हुए।

अन्य संस्थानों और संगठनों के साथ अनुबंध	• एनडीयूएटी और मेधा लर्निंग फाउंडेशन, लखनऊ के बीच कैरियर एडवांसमेंट बूटकैंप के बारे में छात्रों को प्रशिक्षित करने के लिए कैरियर सेवा केंद्र स्थापित करने के लिए अनुबंध पर हस्ताक्षर किए गए। • भाकृअनुप–सेंट्रल इंस्टीट्यूट फॉर रिसर्च ऑन कैटल, मेरठ के साथ अनुबंध किया गया। • शीत जल मत्स्य अनुसंधान निदेशालय, नैनीताल के साथ अनुबंध किया गया। • आईसीएआर–सेंट्रल रिसर्च इंस्टीट्यूट फॉर ड्राईलैंड एग्रीकल्चर, हैदराबाद के साथ अनुबंध किया गया। • आईसीएआर–भारतीय बीज विज्ञान संस्थान, मऊ के साथ अनुबंध किया गया। • आईसीएआर–पूर्वी क्षेत्र के लिए अनुसंधान परिसर, पटना के साथ अनुबंध किया गया।
परियोजना	• वर्ष 2021–22 के दौरान कुल 54 परियोजनाएं परिचालन में थीं। • जिनमें से 18 एआईसीआरपी, 18 राज्य सरकार द्वारा, 2 आईसीएआर द्वारा, 2 अंतर्राष्ट्रीय एजेंसी द्वारा, 3 यूपीसीएआर द्वारा, 7 राष्ट्रीय/राज्य एजेंसी द्वारा और 4 आरकेवीवाई द्वारा।
प्रौद्योगिकी का विकास	• कृषि और संबंधित क्षेत्रों में कुल 35 स्थानीय रूप से आधारित प्रौद्योगिकियों का विकास किया गया।
पाठ्येतर गतिविधियां	• माननीय कुलपति के कुशल निर्देशन में 4–6 मार्च 2022 तक वार्षिक खेलकूद। विभिन्न कॉलेजों के 1200 छात्रों को 6 सदनों में बांटा गया था, पीले, नीले, बैंगनी, हरे, लाल और गुलाबी घरों में खेल कौशल और "विविधता में एकता" का एक सार प्रदर्शित किया गया था। • 21 जून, 2022 को 1100 से अधिक छात्रों, शिक्षकों और कर्मचारियों की भागीदारी के साथ एक विशाल आयोजन के रूप में अंतर्राष्ट्रीय योग दिवस का आयोजन हुआ • विभिन्न अवसरों के उपलक्ष्य में सांस्कृतिक कार्यक्रमों का आयोजन किया गया। • विभिन्न कॉलेजों और एनएसएस के तत्वावधान में, विश्वविद्यालय ने वर्ष भर विभिन्न कार्यक्रमों जैसे वृक्षारोपण अभियान, स्वच्छता अभियान और विभिन्न जागरूकता कार्यक्रम आदि का आयोजन किया।
स्वास्थ्य शिविर	• कर्मचारियों और छात्रों के लिए स्वास्थ्य जांच शिविर आयोजित किए गए। • कर्मचारियों, वार्डों और छात्रों के लिए निःशुल्क कोविड टीकाकरण शिविर। • कोविड के समय में एहतियात के तौर पर सैनिटाइजेशन ड्राइव।
राजस्व	• 2021–22 के दौरान उत्पन्न कुल राजस्व 1590.49 लाख रुपये एवं प्राप्त कुल अनुदान 16627.00 लाख रुपये।

DOMAIN OF THE UNIVERSITY



INTRODUCTION

Acharya Narendra Deva University of Agriculture and Technology came into existence on January 15, 1974, when its foundation stone was laid by Hon'ble Prime Minister of India late Smt. Indira Gandhi at Masodha near Ayodhya city on Ayodhya-Prayagraj road. Dr. A.D. Pandey was appointed as the first Vice Chancellor on 10th October 1975 and Government of U.P. decided to locate the main campus at Kumarganj instead of Masaudha. The Headquarter of the University is at Kumarganj which is 42 km away from Ayodhya district head quarter on Ayodhya-Raebareli road. The University is an agrarian pilgrimage of peasantry of Eastern Uttar Pradesh that has mandate for agricultural development of 27 districts under seven divisions viz., Ayodhya, Basti, Devipatan, Gorakhpur, Azamgarh, Varanasi and Vindyachal Dham, covering three agro-climatic zones like Eastern Plain Zone, North-Eastern plain zone and Vindhyan zone of Eastern Uttar Pradesh popularly known as Purvanchal. At Kumarganj, the University has 1677ha. land, out of which on 447ha area, the main campus of university has been developed and 1330 ha area is available for cultivations. The University has Directorate of Agricultural Experiment Station, Directorate of Extension, seven Zonal Research Stations, Computer Centre, Laboratories, Agricultural Research Information System (ARIS), Directorate of Placement, Agriculture Technology Information Centre (ATIC), Library, Central Instrumentation Laboratory (CIL), Playgrounds, Gymnasium, Instructional students' Farm etc., which provide enough opportunities to the students' and the faculties to develop their skills.

The University has identified several short-term and long-term goals in teaching, research and extension activities with a view to realize the mission statement. The University is guided by a Board of Management which is the policy making body and is responsible for the management of the University. The Board of Faculties through Academic Council advice the Board of Management for academic matters. The Research Advisory Committee and Extension Advisory Committees advise the Board for research and extension activities, respectively.

The teaching activities of the University run in seven constituent colleges. The College of Agriculture, College of Home Science, College of Veterinary Science & Animal Husbandry, College of Fisheries and College of Horticulture & Forestry are located at main campus at Kumarganj. One agriculture college is in Azamgarh, while the College of Agricultural Engineering & Technology is located at Akbarpur in district Ambedkar Nagar. These colleges offer eight undergraduate programmes. Faculties of these constituent colleges take active part in teaching, research and extension activities relevant to their specialization. The constituent colleges thus strive to fulfill the goals and missions of the University. The University is now accredited by the National Agricultural Education Accreditation Board (NAEAB) of ICAR.

In light of the changes that are taking place in the sphere of information technology, the University has set up a centralized computer laboratory and an Agricultural Research Information System (ARIS) with the help of the ICAR. The University has recently started its long awaited recruitment drive and will very soon witness an increase in number of faculty members as per ICAR norms giving strength to teaching, research and extension activities. Teachers of various departments carry out research projects in addition to their teaching programme, which are supported by publications in the form of research papers and books. The faculty of the University has a good track record in teaching, research and extension activities.

Research activities of the University are mainly oriented to meet the goals and objectives of the University as outlined in the mandate. The Research Advisory Committee is the apex research body in the University that has the responsibility of formulating the medium and long-term research policy and guidelines for carrying out research. The day-to-day management of all research work in the University

is coordinated and managed by the Director of Agriculture Experiment Stations which has a competent network of technical, administrative and scientific personnel linking all teaching and research campuses. The ICAR has been providing research support by locating 19 AICRP in the University. The University has evolved a set of definite and strict guidelines for release of technology to ensure quality, credibility and reliability of research output. All research results are discussed in the Zonal Research and Extension Advisory Committee meeting and any technology developed is recommended for release on farm trials or inclusion in package of practices based on open peer review in the meeting. The most satisfying research accomplishments of the University have been in the area of varietal improvement of various crops. The University has released 192 varieties of different crops and developed several production technologies particularly in the area of cultural practices under irrigated as well as dry land agriculture, water management and pest and disease management etc. in food crops, vegetable crops, horticultural crops, fibre crops and medicinal & aromatic plants etc. The crop production practices developed by the University have helped to increase productivity and reduce the cost of production. Breeding for pest and disease resistance in pulses; research in rainfed agriculture; improved crop production technology; mechanization for small farms and conservation of germplasm, genetic resources and biodiversity are some of the areas of current focus in research.

Extension is an important activity for the transfer of technology. While, the State Department of Agriculture has the major responsibility of extension, however, University has often played the lead role in transfer of technology. Training for extension functionaries, rural women and farm youth has been a major programme of the extension directorate. The University has also established an Agriculture Technology Information Centre (ATIC) and Krishak Help Line Service. The information provided by the University is valuable for the stakeholders of the agriculture sector of the state.

VISION

- Agriculturally Prosperous and Nutritionally Secure Eastern Uttar Pradesh

MISSION

- To Provide Education, Research & Extension Services in different Branches of Agriculture and Allied Sciences to Farming Community for their Nutritional Security and Prosperous Livelihood of Uttar Pradesh In General and Eastern Uttar Pradesh in particular

GOALS & OBJECTIVES

- To produce professionals for management of second green revolution
- To accelerate the pace of enhancing rural income and employment through development of agriculture & allied fields.

UNIVERSITY ADMINISTRATION

A. UNIVERSITY AUTHORITIES

The Uttar Pradesh (Krishi Evam Prodyogic Vishwavidyalaya Adhiniyam) 1958 (U.P. Act XLV of 1958 2A ii as amended Uttar Pradesh Krishi Vishwa Vidyalaya Adhiniyam, 1958) vest powers with the University to institute degrees, diplomas and other academic distinctions.

1. BOARD OF MANAGEMENT

Board of Management is apex body endowed with the responsibility of taking policy decisions and is headed by the Vice Chancellor. Comptroller is the Secretary of this apex body. It has Academic Council to advise the University on academic matters.

MEMBERS OF BOARD OF MANAGEMENT DURING 2021-22

S.No.	Name	Address
1.	**Dr. Bijendra Singh** Vice-Chancellor, Chairman	A.N.D.U.A.T., Kumarganj, Ayodhya
Members		
2.	**Additional Chief Secretary** Agriculture Education & Research	Govt. of U.P., Secretariat, Lucknow
3.	**Additional Chief Secretary** Higher Education	Govt. of U.P., Secretariat, Lucknow
4.	**Additional Chief Secretary** Finance	Govt. of U.P., Secretariat, Lucknow
5.	**Director** Animal Husbandry (U.P.)	Directorate of Animal Husbandry (In front of Ramadhin Singh Inter College, Babuganj) Lucknow
6.	**Director** Agriculture (U.P.)	Directorate of Agriculture, Krishi Bhawan, Lucknow
7.	**Dr. Uma Shanker Singh** Director Agriculture Scientist	South Asia Regional Coordinator & India Country Head International Potato Research Center South Asia Center, NASC Complex, DPS Marg, Pusa, New Delhi 110 012
8.	**Sri Baba Gorakhnath** MLA	Village-Baddai ka Purwa, Sahadatganj, Civil Lines, Ayodhya - 224001
9.	**Sri Bawan Singh** MLA	Village-Gaddopur, P.O.: Parsa Maheshi, Distt. Gonda - 271502, 5/109A, Vineet Khand, Gomtinagar, Lucknow – 226010
10.	**Sri Ram Sunder Chaudhary** Progressive Farmer	Police Line Road, Gali No. 1, Indira Colony, Distt. – Bahraich – 271801
11.	**Sri Vijay Bahadur Dubey** Livestock Breeder	Ward No.3, Nehru Nagar, New Colony, Distt. - Deoria – 274001.
12.	**Sri Ganga Sagar Rai** Distinguished Industrialist	Betiahata, Near Unwal House, Distt. – Gorakhpur - 273001.
13.	**Sri Munni Sharma** Ladies Social Worker	Vill. Bisunpura, P.O. Baliywan, Distt. – Deoria – 274405
14.	**Sri Neeraj Srivastava,** Comptroller	A.N.D.U.A.T., Kumarganj, Ayodhya

2. ACADEMIC COUNCIL

The next academic authority is the Board of Studies, which is separate for each college. The Dean is the Chairman and all Heads of Departments are the members of Board of Studies for any particular College.

The academic council of the University for the year 2021-2022 comprised of following members.

S.No	Name	Designation	Chairman/ Member
1.	**Dr. Bijendra Singh**	**Vice-Chancellor**	**Chairman**
2.	Dr. Ved Prakash	Dean, College of Agriculture; Prof & Head, Soil Science& Agricultural Chemistry	Member
3.	Dr. Bijendra Singh	Director, of Agriculture Experiment Station	Member
4.	Dr. O.P. Rao	Dean, College of Hort. & Forestry	Member
5.	Dr. R. K. Joshi	Dean, College of Vet. & A.H., Prof. & Head, Vet. Microbiology	Member
6.	Dr. D. Niyogi	Dean, Students' Welfare; Prof. & Head, Vety. Pathology	Member
7.	Dr. H.C. Singh	Dean, MCAET, Ambedkar Nagar	Member
8.	Dr. P. S. Parmanik	Dean, College of Fisheries, Prof. & Head, LPM	Member
9.	Dr. Namita Joshi	Dean, College of Home Sc./Prof. & Head, VPE	Member
10.	Dr. A.K. Singh	Director, Admn. & Monitoring; Head, Crop Physiology	Member
11.	Dr. D. K. Dwivedi	Registrar & HOD, Plant Molecular Biology & Genetic Engineering	Member
12.	Dr. A. P. Rao	Director Extension	Member
13.	Dr. D. K. Singh	Assoc. Dean, College of Azamgarh	Member
14.	Dr. M. P Chauhan	Prof., G.P.B.	Member
15.	Dr. Rudra Pratap Singh	Prof. & Head, Bio-Chemistry	Member
16.	Dr. R.R.Singh	Prof. Soil Science, Directorate of Extension	Member
17.	Dr. Pratibha Singh	Prof., Bio-Chemistry	Member
18.	Dr. Sanjay Pathak	Prof. & Head, PHTExt. Education	Member
19	Dr. R. K. Doharey	Ext. Education	Member
20.	Dr. Sita Ram Mishra	Head, Agro-Meteorology	Member
21.	Dr. V. K. Singh	Prof., Vet. & A.H.	Member
23.	Dr. Anil Kumar Gangwar	Prof. & Head, Vety. Surgery	Member
24.	Dr. Shushant Srivastava	Prof. & Head, VGO	Member
25.	Dr. Subodh Kumar	Prof. & Head, T.L.F.	Member
26.	Dr. Chandra Shekhar	Prof., VPE	Member
27.	Dr. Vijay Kumar Singh	Prof. & Head, ANN	Member

S.No	Name	Designation	Chairman/ Member
28.	Dr. R. K. Singh	Head, Vety. Extension	Member
29.	Dr. Sonu Jaiswal	Head, Vety. Clinical Complex	Member
30.	Dr. Amit Singh	Head, Parasitology	Member
31.	Dr. Susheel Kumar	Head, Plant Pathology	Member
32.	Dr. Bhagwan Deen	Prof.& Head, Post Harvest	Member
33.	Dr. D. Ram	Prof. & Head, Medicinal Plants	Member
34.	Dr. Suman Prasad Maurya	Head, Human Development & Family Studies	Member
35.	Dr. Abha Singh	Head, Family Resource Management & Consumer Science	Member
36.	Dr. Sadhana Singh	Head, Food Science and Nutrition	Member
37.	Dr. Harish Chandra Singh	Prof., Agricultural Engineering	Member
38.	Dr. Subhash Chandra Vimal	BOFA Nominee	Member
39.	Dr. Ashok Kumar	BOFH Nominee	Member
40.	Dr. Ved Prakash	Dean PGS	Member
41.	Dr. Anil Kumar Singh	Head, Agronomy	Member
42.	Dr. C. N. Ram	BOFA Nominee	Member

B. OFFICERS OF THE UNIVERSITY DURING 2021-22

1.	Name	Designation
2.	**Dr. Bijendra Singh**	**Vice-Chancellor**
3.	Dr. D. K. Dwivedi	Registrar
4.	Dr. A. K. Singh	Director, Administration and Monitoring
5.	Dr. Bijendra Singh	Director of Agriculture Experiment Station
6.	Dr. A.P. Rao	Director Extension
7.	Dr. D. Niyogi	Dean, Student's Welfare
8.	Sri Neeraj Srivastava	Comptroller
9.	Dr. Ved Prakash	Dean, College of Agriculture
10.	Dr. Sushil Kumar	Associate Dean, College of Agriculture, Main Campus
11.	Dr. D. K. Singh	Associate Dean, College of Agriculture, Azamgarh
12.	Dr. R. K. Joshi	Dean, College of Veterinary Science and A.H.
13.	Dr. O. P. Rao	Dean, College of Horticulture & Forestry
14.	Dr. P. S. Pramanik	Dean, College of Fisheries.
15.	Dr. H.C. Singh	Dean, MCAET, Ambedkar Nagar& Chairman, Coordination Cell
16.	Dr. Namita Joshi	Dean, College of Home Science

C. OTHER COMMITTEES/ CELLS

1. ICAR NODAL CELL

The University has a nodal cell for communication to education division of ICAR for various students' related activities and issues under the guidance of ICAR.

SN	Name	Designation
1	Dr. R. K. Joshi	Nodal Officer
2	Dr. S. K. Maurya	Asstt. Nodal Officer

2. INSTITUTIONAL ANIMAL ETHICS COMMITTEE:

The university got itself registered to CPCSEA for the purpose of experiment on small and large animals in March 2019 for the smooth conducting of research on animals.

Members of the IAEC during 2021-22

Internal Members (Within University)		
1	Dr. V. K. Singh	Chairman
2	Dr. S. K. Maurya	Member Secretary
3	Dr. Rishikant, Incharge, animal House	Member
4	Dr. Sushant Srivastava	Member
5	Dr. A. K. Gangwar	Member
CPCSEA Nominees		
1	Dr. D.S. Upadhyay; CSIR – Central Drug Research Institute, Lucknow	Main Nominee
2	Dr. Atul Kumar Baranwal, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow	Link Nominee
3	Dr. Mahadeo Kumar, CSIR–Indian Institute of Toxicology Research, Lucknow	Scientist from outside of the Institute
4	Dr. Alok Kumar Shukla, Amity Institute of Pharmacy, Amity University, Uttar Pradesh, Lucknow	Socially aware Nominee

3. INSTITUTIONAL QUALITY ASSURANCE CELL:

For maintaining quality in all administrative and academic activities conducted during a calander year, as per the University mandate, an Institutional Quality Assurance Cell (IQAC) has been constituted with the following members.

University IQAC Committee during 2021-22

1.	**Dr. Bijendra Singh, Vice-Chancellor**	Chairman
2.	Dr. Namita Joshi, Prof. & Head, VPE	Coordinator
3.	Dr. R. K. Joshi, Nodal Officer, ICAR	Member
4.	Dr. P.S. Pramanik, Registrar	Member
5.	Dr. A. P. Rao, Director Extension	Member
6.	Dr.Ved Prakash, Prof.& Head, Soil Science	Member
7.	Dr. Sanjay Pathak, Prof. & Head, Post Harvest Technology	Member
8.	Dr. Hemant Kumar, Assoc. Prof. (P.P.), College of Horticulture & Forestry	Member
9.	Dr. Sadhana Singh, Head, Food Science and Nutrition	Member
10.	Dr. Laxmi Prasad, Asstt. Prof., College of Fisheries	Member
11.	Er. Mahendra Rai, Assocc. Prof., MCAET, Ambedkarnagar	Member
12.	Dr. Jaswant Singh, Assoc. Prof., College of Vet. Sciences & A.H.	Member

D. MEETINGS OF EXECUTIVE BODIES DURING 2021-2022

1. BOARD OF MANAGEMENT

S.No.	Number of BOM Meeting	Date
1.	190th meeting of BOM	13.07.2021
2.	191st meeting of BOM	10.12.2021

2. ACADEMIC COUNCIL

S.No.	Number of A.C. Meetings	Date
1	286th Academic Council Meeting	26.06.2021
2	287th Academic Council Meeting	08.07.2021
3	288th Academic Council Meeting	12.07.2021
4	289th Academic Council Meeting	10.08.2021
5	290th Academic Council Meeting	03.09.2021
6	291st Academic Council Meeting	11.11. 2021
7	292nd Academic Council Meeting	02.02. 2021
8	293rd Academic Council Meeting	17.02. 2021
9	294th Academic Council Meeting	02.02. 2022

Major Decisions taken by Academic Council:-

Following decisions were taken by Academic Council during the year April 2021- March 2022.

(i) Academic council approved the duration of continuous service of Guest Faculty in the University and to restrict the students from engaging as guest faculty who are registered in Ph.D. Programme.

(ii) Academic council approved the proposal of Director, Administration and monitoring for re-employement (session benefit) of University Teachers/Scientists.

(iii) Academic council approved the increase in degree fee and proposal for delivery of degree certificates to the address of degree recipients by post.

(iv) Academic Council approved the updation in the Universtiy rules for study leave of teachers/ scientists for higher education.

(v) Academic Council approved the proposal of Director, Administration and Monitoring for deciding the qualification of Professor and Associate Professor for selection in different colleges of the University.

3. INSTITUTIONAL ANIMAL ETHICS COMMITTEE

SN	Meeting Number	Date	No. of proposals
1	Fifth meeting of IAEC	December, 29th, 2021	14
2	Sixth meeting of IAEC	March, 15th, 2022	01

4. FINANCE SUB COMMITTEE

S.No.	Number of Meeting	Date
1.	104th meeting of finance sub committee	13.07.2021
2.	105th meeting of finance sub committee	10.12.2021

E. FACULTY PROFILE

Presently, total faculty strength in the constituent colleges / KVKs, research centres and AICRP of the university is 252. About 110 faculty members are in the teaching schemes, 40 in the research schemes and 101 at different KVKs in extension.

Units	Sanctioned	In position
Colleges	284	94
Research Center	75	34
AICRPs	54	23
KVKs	119	101
Total	**532**	**252**

TEACHING

I. EDUCATION

The University offers master degree programme in 44 disciplines and Ph.D. programme in 33 disciplines. Since its inception, the University has produced graduates over 1705 in Agriculture, 573 in Home Science, 406 in Veterinary, 182 in Horticulture, 123 in Fisheries and 714 in Agricultural Engineering and Post graduates over 2122 in various disciplines of Agriculture, 98 in Veterinary, 24 in Horticulture, 33 in Home Science and 1 in Fisheries as well as 587 Ph.D in various disciplines of Agriculture, 5 in Horticulture and 7 in Veterinary Science.

II. COLLEGES

The various colleges and research stations of the university are housed in spacious buildings at their campuses. The laboratory facilities and classroom spaces are adequate for UG and PG teaching. All students wishing to stay in the campus are provided hostel facilities that are sufficient at both the campuses. Location of various constituent colleges of University is as follows—

SN	College	Location
1.	College of Agriculture	Main Campus, Kumarganj
2.	College of Agriculture	Kotwa, Azamgarh
3.	College of Horticulture & Forestry	Main Campus, Kumarganj
4.	College of Veterinary Science & Animal Husbandry	Main Campus, Kumarganj
5.	College of Community Science	Main Campus, Kumarganj
6.	College of Fisheries	Main Campus, Kumarganj
7.	Mahamaya College of Agriculture Engineering & Technology	Akbarpur, Ambedkar Nagar

COLLEGE OF AGRICULTURE, MAIN CAMPUS

The college was established to meet out the education of agriculture and allied sectors in the 26 districts belonging to seven revenue divisions viz; Ayodhya, Basti, Devipatan, Gorakhpur, Varanasi, Azamgarh and Vindhyachal Dham of eastern U.P. under three agro-climatic zones i.e., North Eastern Plain Zone (NEPZ), Eastern Plain Zone (EPZ) and Vindhyan Zone (VZ). In the beginning, on January 15, 1974, the foundation stone of university was laid at Masodha. But on 10th Oct. 1975 the then V.C. and Govt. of Uttar Pradesh decided to locate the main campus at Kumarganj instead of Masodha. The Agriculture College, one of the oldest in the University was started in February, 1977. The first meeting of the Academic Council was held on February 12, 1977. Since then, 20 departments have been created in the Faculty of Agriculture. The under-graduate teaching programme with 24 students was started in October, 1978 in a borrowed building at Extension Training Centre, Dabhasemar, Faizabad. In July 1980, the students were shifted from there to Kumarganj, main campus, and arrangements were made for their stay in newly constructed residential staff quarters. In 1983, the teaching programmes were shifted to B wing of newly constructed main building of the College of Agriculture. The Post graduate programmes in four disciplines viz., Agronomy, Genetics & Plant Breeding, Horticulture and Vegetable Science was started in 1981-82 with 28 students. Later on, some more disciplines were added. The doctoral programme was also started in the disciplines of Agronomy, Genetics & Plant Breeding, Horticulture and Agricultural Economics from 2nd semester of 1982-83 sessions with 10 students. The College encompasses several departments at present covering disciplines like; Agronomy, Genetics & Plant Breeding, Soil Science, Entomology, Plant Pathology, Crop Physiology, Agricultural Economics, Extension Education, Fisheries, Horticulture, Vegetable Science, Agro Meteorology, Agricultural Biochemistry, Agro Forestry and Agricultural Statistics. The college is built in an estate spread over nearly 400 ha. The main

building consists of four wings including 13 separate departments and one section of Seed Science &Technology and six lecture theatres and one auditorium. Besides, four new lecture halls were built with recent infrastructure facilities of sound system and multimedia. Faculty of colleges takes active part in teaching, research and extension activities relevant to their specialization. The constituent colleges thus strive to fulfil the goals and missions of the University.

ACADEMICS

All the undergraduate programs in the University are of 4 years duration. The University has adopted the semester system, each semester being of 18 weeks duration. At present the recommendation of 5th Dean's Committee is being followed in the university and at PG level 19th BSMA syllabi will be started in the session 2022-23.

Presently, thirteen departments and one section viz; Agronomy, Plant Molecular Biology and Genetic Engineering (PMB&GE), Crop Physiology, Entomology, Agriculture Biochemistry, Extension Education, Genetics and Plant Breeding, Agricultural Meteorology, Plant pathology, Soil Science and Agril. Chemistry, Agril. Statistics and Agril. Economic and section of Seed Science & Technology are functioning in College of Agriculture. New Agribusiness Management Department established (ABM) and degree programme started from the session 2021-22.

Students Profile:
Under-Graduate Programme:

Name of college	Degree Programme	Student strength (2021-22)										Student Pass out	
		I year		II year		III year		IV year		Total			
		M	F	M	F	M	F	M	F	M	F	M	F
College of Agriculture	B.Sc. (Hons) Ag.	118	28	101	37	113	27	100	10	432	102	111	08

Rural Agricultural Work Experience and Agro-Indutrial Attachment (RAWE & AIA)/Activities of students (RAWE and ELP programmes):

The Rural Agricultural Work Experience and Agro-Indutrial Attachment (RAWE&AIA) as key component of under-graduate programme for imparting rigorous orientation and familiarization of various issues and problems at the farmer's fields and villages has been carried out with utmost sincerity.

Student Activities during the Village Attachment Program of RAWE & AIA (2021-22)

Students visiting farmer fields and interacting with farmers to undertake different RAWE activities

Work presentation by students during Gosthi

Experiential Learning Programme (ELP):

Experiential Learning helps the student to develop competence, capability, capacity building, acquiring skills, expertise, and confidence to start their own enterprise and turn job creators instead of job seekers. This is step forward for earning while learning concept. Experiential Learning is major step forward for High Quality Professional Competence, Practical Work Experience in Real Life Situation to Graduates, Production Oriented Courses and Production to Consumption Project working, Facilitates producing Job Providers rather than Job Seekers and Entrepreneurial Orientation.

There are three Experiential Learning Programme running in the college of agriculture to develop entrepreneurship in the under graduate students. Any two ELP courses are compulsory to each student out of three ELP courses.

1. ELP-422: Seed Production and Technology (This ELP course taken by: 90 students)
2. ELP-423: Mushroom cultivation Technology (This ELP course taken by: 25 students)
3. ELP-425: Commercial Be Keeping (This ELP course taken by: 105 students)

Experiential Learning programme executed properly via ELP-422 Seed Production and Technology during 2021-22 2nd semester registering 90 students. The registered students were equipped with the knowledge of seed production and technology in crop Urdbean cv. NDU-1.

ELP-423: Mushroom cultivation Technology

ELP-423 was conducted as Mushroom Cultivation during 2021-22, 2nd in which 25 students were registered. The registered students were engaged with the hand-to-hand practical knowledge of producing spawn of mushroom, cultivation of oyster mushroom (Pleurotusostreatus) and milky mushroom (Calocybeindica). In whole ELP programme, all students showed their enthusiasm and eagerness to learn about the production technology of mushroom cultivation as many of them was willing to start a small-scale startup in the future.

2.2 Post-Graduate and Ph.D. programme: PG and Ph.D. programme are being conducted in the Departments of Agronomy, GPB, Plant Pathology, Crop Physiology, Entomology, Soil Science, Agricultural Economics, Agril. Bio-Chemistry, PMB & GE, Agril. Meteorology, Extension Education,

Spawn production and mixing in compost for mushroom production by students

Agril. Statistics, and in Seed Technology section. The Agri-Business Management (ABM) Department provides only PG degree in the form of MBA-ABM. (in agriculture). Department and category wise list of PG and Ph.D. programmes along with students List for session 2021-22 are given below:

Photo Gallery of UG & PG Teaching and Practicals:

Category wise number of M.Sc. (Ag.) students 2021-22

OBC	SC	ST	UR	EWS	TOTAL
65	30	6	55	14	170

Category wise number of Ph.D. Students 2021-22

OBC	SC	ST	UR	EWS	Foreigner	TOTAL
7	**4**	**0**	**22**	**2**	**1**	**36**

*Afghanistani student

Total passed out students: 168 in M.Sc. (Ag.) and 31 in Ph.D. during the session 2021-22.

STUDENT ACCOMPLISHMENTS

➢ **52 M.Sc. (Ag.) and Research scholars qualified National Eligibility Test (NET).**

List of NET, SRF & JRF Qualified Students during 2021-22

S.No.	Name of student	I.D. No.	NET/SRF/JRF
1	Adesh	A-8394/15/19	**NET**
2	Aman Kumar	A-10530/18	**NET**
3	AmbikeshTripathi	A-11084/19	**NET**
4	Amit Kumar	A-8133/14/18	**NET**
5	Amrendra Yadav	A-11767/20	**NET**
6	Ankit Gupta	A-8413/15/19	**NET**
7	Ankit Kumar	A-11222/19	**NET**
8	Arvind Kumar	A-10531/18/20	**NET**
9	Asheesh Kumar	A-11086/19	**NET**
10	Ashish Kr. Verma	A-11087/19	**NET**
11	Ashish Kumar Verma	A-11087/19	**NET**
12	Ashutosh Singh Aman	A-11136/19	**NET**
13	Bhayankar	A-11088/19	**NET**

S.No.	Name of student	I.D. No.	NET/SRF/JRF
14	Brijesh	A-11089/19	**NET**
15	D.P. Singh	A-9974/17/19	**NET**
16	Darshan	A-11090/19	**NET**
17	Devendra Pal	A-9974/17/19	**NET**
18	Gopal Krishna Tiwari	A-10069/17	**NET**
19	Hariom Mishra	A-11092/19	**NET**
20	Jai Singh	A-11184/19	**NET**
21	Jay Singh	A-11186/2019	**NET**
22	Kaptan Baboo	A-11788/20	**NET**
23	Kuldeep Singh	A-11220/19	**NET**
24	MohVaheed	A-8542/15/19	**NET**
25	P.K.Kanujiya	A-9491/16/18	**NET**
26	Pankaj Balham	A-9538/16	**NET**
27	Piyush Kumar Singh	A-9572/16/18	**NET**
28	Pradeep Kanujiya	A-9491/16/18	**NET**
29	Pradip Kr. Patel	A-10018/17/19	**NET**
30	Pravesh Kumar	A-6470/12/16	**NET**
31	Puneet Kumar	A-11139/19	**NET**
32	Rakesh Kumar Kushwaha	A-10559/18	**NET**
33	Ram Prakash	A-11719/20	**NET**
34	Ravi Verma	A-11787/20	**NET**
35	Risabh Mishra	A-11141/19	**NET**
36	Sachin Shukla	A-8946/15	**NET**
37	Sanjana Maurya	A-11097/19	**NET**
38	Sarvesh Baranwal	A-9565/16	**NET**
39	Shalu Gautam	A-2249/14/18	**NET**
40	Shivanand Maurya	A-10491/18/20	**NET**
41	Shrishti Singh	A-11100/19	**NET**
42	Shubhendu Singh	A-11098/19	**NET**
43	Siddhant Gupta	A-11172/19	**NET**
44	Sudhakar Singh	A-10604/18	**NET**
45	Surya Prakash Singh	A-6925/12	**NET**
46	Tanisha Gehlot	A-11768/20	**NET**
47	Tarkeshwar	A 10225/19	**NET**
48	Vijay Kumar	A-10023/17/19	**NET**
49	Vineet Kumar Shukla	A-11101/19	**NET**
50	Vishal Singh	A-11221/19	**NET**
51	Vishal yadav	A- 9220/16/20	**NET**
52	Vishesh Kumar	A-10057/17	**NET**
53	Auroshikha Mohanty	A-12457/21	SRF
54	Miss Garima Yadav	A-	JRF
55	Sabia Ahad	A-11770/20	JRF
56	Soumya Antardani	A-12445/21	JRF
57	Ashish Kumar	A-10046/17/19	JRF

➢ Placement of students

Different M.Sc. (Ag.) & Ph.D. students were selected in UP Government jobs as mentioned below:

List of Students selected as SMS, AP & STA in UP during 2021-22

Sl.No.	Name of Students	Id.No.	Placement
1	Sri Devesh Pathak	A-11145/19	SMS in KVK
2	Sri Hariom Mishra	A-11092/19/21	SMS in KVK
3	Dr. Manish Maurya	A-9517/16/18	SMS in KVK
4	Dr. Nandan Singh	A-10606/18	SMS in KVK
5	Dr. Chandan Singh	A-6228/11	SMS in KVK
6	Dr. Ram Bharose	A-7037/12	SMS in KVK
7	Dr. Roopesh Singh	A-4266/08/12/15	SMS in KVK
8	Sri Pravesh Kumar	A-6470/12/16	SMS in KVK
9	Dr. Amit kr Singh	A-5757/10	SMS in KVK
10	Dr. Manoj kumar	A-6264/11	SMS in KVK
11	Dr. Rahul kr Singh	A-6268/11	SMS in KVK
12	Dr. Archana Devi	A-3898/07/11/13	SMS in KVK
13	Dr. Sanjay Kumar	A-8366/14	SMS in KVK
14	Dr. Dinesh Kumar	A-6895/12/14	Asstt. Prof. (UPHEC)
15	Dr. Ashok Kumar	A-7580/13	Asstt. Prof. (UPHEC)
16	Dr. Shiwangi	A-5510/10/12	Asstt. Prof. (UPHEC)
17	Dr . Abhishek	A-5502/10/12	Asstt. Prof. (UPHEC)
18	Dr. Deepak Kumar	A-10606/18	Asstt. Prof. (UPHEC)
19	Sri Gopal Krishna Tiwari	A-10069/17	Asstt. Prof. (UPHEC)
20	Sri Piyush Kr. Singh	A-9572/16/18	Asstt. Prof. (UPHEC)
21	Dr.Kaushik Prasad	A-8247/14/16	Asstt. Prof. (UPHEC)
22	Dr. Pankaj Kr. Rao	A-3754/06	Asstt. Prof. (UPHEC)
23	Sri Ashwani Kr. Verma	A-8952/15	Asstt. Prof. (UPHEC)
24	Dr. Shiv Kumar	A-7019/12	Asstt. Prof. (UPHEC)
25	Dr. Rakesh Pal Singh	A-3809/06	Asstt. Prof. (UPHEC)
26	Sri Krishna Kumar	A-9978/17	STA (UPPSC)
27	Sri Ram Niwas	A-9980/17	STA (UPPSC)
28	Sri Shubham Singh	A-7163/17	STA (UPPSC)
29	Sri Shivanand Maurya.	A-10491/18/20	STA (UPPSC)
30	Sri Pawan Kr.Singh	A-10534/18	STA (UPPSC)
31	Sri Abhimanyu Yadav	A-8205/14	STA (UPPSC)
32	Sri Anand Singh	A-8908/15	STA (UPPSC)
33	Sri Saurabh Tiwari	A-10545/18	STA (UPPSC)
34	Sri Prabhat Ranjan Pandey	A-7771/14/18	STA (UPPSC)
35	Sri Ajay Kumar	A-10541/18	STA (UPPSC)
36	Sri Abhishek Kumar	A-7702/14/18	STA (UPPSC)
37	Sri Ashutosh Kumar	A-7724/14/18	STA (UPPSC)
38	Sri Deepak Singh	A-10606/18	STA (UPPSC)
39	Sri Vivek Singh	A-7577/13	STA (UPPSC)
40	Sri Sudhakar	A-7573/13	STA (UPPSC)
41	Sri Lucky Tiwari	A-9516/16	STA (UPPSC)
42	Sri Manish Kumar Maurya	A-9517/16/18	STA (UPPSC)
43	Sri Rajesh Saini	A-8882/15	STA (UPPSC)
44	Sri Sudhir Kumar	A-8201/14	STA (UPPSC)
45	Sri Anil Kumar	A-6882/12	STA (UPPSC)
46	Sri Tarkeshwar	A-11225/19	STA (UPPSC)
47	Sri Rakesh Kumar	A-7141/13/17	STA (UPPSC)
48	Sri C. Shekher Prajapati	A-10566/18	STA (UPPSC)
49	Sri Praveen Kumar Yadav	A-12206/21	A.F.O.
50	Sri Jampana Gangadhar Reddy	A-11749/20	A.F.O., C.B.I

INFRASTRUCTURE and AMENITIES

The College has one Instructional Farm of 30 acres area with all required facilities for conducting the Practical Crop Production course and thesis research experiments of M. Sc. (Ag.) and Ph. D. students. Besides, the research farms of department of Genetics & Plant Breeding, Agronomy and Main Experiment Station are also used for facilitating instruction and research of the students. Each department of the college has well equipped and organized two under-graduate and one or more post-graduate laboratories along with two P.G. lecture rooms and one seminar room with audio-visual facilities for serving the students. There are ten U. G. lecture rooms/ Examination halls and seven smart class rooms in the college.

New Developments:

The college has adopted Academic Management system (AMS). Master trainers have been appointed to address any issues faced by the faculty and the students. All the faculty members as well as the students have been registered on the Academic Management system. Moto is to bring transparency in the educational system and less use of paper to protect the trees and environment.

Seminar/Symposium/Trainings/workshop/webinar:

Total number of Seminar/ Symposium/ Trainings/workshop/webinar attended by various teachers and scientists during the period 2021-22 is 40

Number of Awards Received by faculty : 9

❖ Important Visitors:

1. Monitoring team of UPCAR, Lucknow visited the Agronomy Research Farm on dated 27/12/2021.
2. Dr. R.C. Sharma, DDG ICAR, New Delhi visited the Agronomy Research Farm on dated 10/10/2021
3. Sri Devesh Chaturvedi, Additional Chief Secretary, Govt. of Uttar Pradesh visited the Agronomy Research farm.
4. Dr. Mangala Rai, Ex-DG ICAR visited the Agronomy Research Farm on dated 21/12/2021.
5. Dr. R.P.Mishra (Head), Dr. Debashis Dutta (Principal Scientist) and Dr. Amrit Lal Meena (Scientist) Monitoring team of IIFSR Co-ordinating unit Modipuram , Meerut visited the On Station and OFR from 19-02-2022 to 20-02-2022.
6. Dr. Miraj Alam Ansari (Scientist) of IIFSR Co-ordinating unit Modipuram, Meerut visited the On Station from 17-03-2022 to 20-03-2022

Photography Visitors:

Dr. R.C. Sharma, DDG ICAR, New Delhi visited the Agronomy Research Farm in October, 2021.

Sri Devesh Chaturvedi, Additional Chief Secretary, Govt. of Uttar Pradesh visited the Agronomy Research farm

Dr. Mangala Rai, Ex-DG ICAR visited the Agronomy Research Farm in December, 2021.

Monitoring team of UPCAR, Lucknow visited the Agronomy Research Farm in December, 2021.

RESEARCH & RESEARCH PROJECT:

At present, 31 research projects obtained by College from state, national and international funding agencies are running for solving the location specific problems affecting the productivity of crops and farmers welfare. The details of present research projects are given below:

A- All India Co-Ordinated Research Projects (75% ICAR share and 25% State share):

S. No.	Name of the Project/ Scheme	Year of Start
1.	AICRP on Rice Improvement	1976
2.	AICRP on Wheat & Barley Improvement	1987
3.	AICRP on MULLaRP Crops	2001
4.	AICRP on Chickpea	2001
5.	AICRP on forage Crops Improvement	2001
6.	AICRP on Potential Crops	1995
7.	National Seed Project (Crops)- 1- Seed Technology Research 2- Breeder Seed production	1978
8.	AICRP on Irrigation Water management	1980
9.	AICRP on Integrated Farming System	1976
10.	AICRP on Agro-meteorology	1990

B- Scheme 100% Financed by ICAR:

1.	NICRA (Agro-meterology)	2010

C- Research Projects Financed by International Agencies:

S. No.	Name of Project	Year	PI
1.	Accelerated Genetic Gain in Rice (AGGRi-Alliance)- Marginal Environment **(IRRI)**	2019-20	Dr. A.K. Singh
2.	EC-IFED (IRRI)		Dr. A.K.Singh

D- Research Projects Financed by Other National/ State Agencies:

1.	Gramin Krishi Mausam Seva (i) Head Quarter, Kumarganj **Ministry of Earth Science(IAAS)** (ii) Bahraich	1993
2.	Forecasting Agricultural output using space, agro-meterology and land based observations (FASAL) **Ministry of Earth Science (Govt. of India)**	2010
3.	Creation of Seed hubs for increasing indigenous production of pulses in India **(NFSM)**	2016-17 to 2017-18
4.	Centre of Excellence in Rice **(State Govt.)**	2018-19
5.	Establishment of model seed testing lab. Under quality control Component of sub mission on seeds & planting material (SMSP) **(Ministry of Agril. & Farmers Welfare ,GOI)**	2018-19
6.	Strengthening of seed production farms	2020-21
7.	Germplasm characterization and trait discovery in wheat Using genomic approaches and its integration for improving climate resilience, productivity and nutrition quality. Sub Project: Characterization and evaluation of wheat germplasm lives for biotic stress resist ance (DVT, Govt.).	2020-21

Research Projects Financed by UPCAR

Sl. No.	Name of the Project/ Scheme	Year of Start & Rs. In lacs
1.	Genetic enhancement for terminal heat tolerance in bread wheat *(Triticum aestivum* L.) with conventional and molecular breeding approaches.	2020-21 Rs. 16.77
2.	Genetic Improvement of Kala Namak for productivity traits, biotic and abiotic stress tolerance, aroma and nutritional quality.	2020-21 Rs. 14.40

E - Non - Plan Projects 100% Financed by State Govt:

1.	Oil Seed Project
2.	Pulses Project
3.	Research on Crop Physiology
4.	Foundation and breeder seed production unit and strengthening of seed testing lab.

F - Research Projects Financed by R.K.V.Y.:

1.	Establishment of molecular lab for identification of physio-molecular traits in the way of submergence & drought dual tolerance rice varieties for Rain-fed low land areas of Eastern U.P.
2.	Strength of seed production farms
3.	Collection identification and distribution of relatively high iron and zinc containing genotypes among farmers for fulfillment of nutritional requirement of rice eating poor consumers
4.	Establishment of centre for training, research and production of bio-fertilizers and bio-pesticides formulation for the benefit of farmers in eastern U.P.

a. Research project proposals submitted:

S. No.	Title of the project	Funding agency	Total outlay	Name of PI
1.	Establishment of tissue culture laboratory for micro-propagation of banana for increasing the income of farmers	RKVY	255.75 Lacs	Dr. D. K. Dwivedi PI
2.	Enhancement of pulses and oilseed production, Productivity and income of Eastern Uttar Pradesh farmers by upgrading seed production farms.	RKVY	1133.61 lacs	Co- PI Dr. Shambhoo Prasad
3.	Establishment of model seed Testing Laboratory	RKVY	124.385 Lakhs	Co-PI Dr. Shambhoo Prasad
4.	Strengthening of the seed production units for enhancement of productivity, quality, and seed replacement rate for doubling income of the farmers of Uttar Pradesh.	RKVY	460.17 Lakhs	Co-PI Dr. Shambhoo Prasad
5.	Establishment of seed processing unit to fulfill the demands of quality seed for increasing farmers income	RKVY	372.80 lacs	Co-PI Dr. Shambhoo Prasad
6.	Promotion of natural farming module at University KVKs and farms for increasing the income of farming community of Eastern U.P.	RKVY	119.00 Lakhs	Co-PI Dr. Shambhoo Prasad
7.	DRONE An Imperative tool for Pest Surveillance and Management in Crops	RKVY	22.00 lakh	Dr. S.R.Mishra
8.	Improving livelihood status in Eastern Uttar Pradesh through assessment of average farmer's income: An Income Enhancement Approach	UPCAR	24.90 Lakhs	Dr. Supriya

RESEARCH ACHIEVEMENTS:

I. CROP VARIETIES DEVELOPED & NOTIFIED

Wheat variety released:

1. **NW-6046 (Pedigree:** GAA/KEA//GAA/ BL1887):

Released in 33rd state seed sub-committee meeting on 23rd June, 2021, Proceeding dated: 22.7.2021.

- It is suitable for rainfed condition for Uttar Pradesh
- Average Yield : 21-25 q/ha.
- Duration : 125-127 days
- Plant Height : 95-97 cm.
- Resistance to Rust & leaf blight diseases

Key Breeders and Associate: Dr.Vinod Singh, Dr. S.P. Singh, Dr.Raj Bahadur, Mr. K. P. Singh & Mr. Vinay Kumar Singh

1. **NW-7008 (Pedigree:** MUNAL*2/WESTONIA)**:**

Released in 34rh state seed sub -committee meeting on 22nd March, 2022.

- It is suitable for restricted/rainfed condition for Eastern and Western Zone of UP (Timelysown)
- Average Yield : 23-25 q/ha.
- Duration : 125-130 days
- Plant Height : 95-97 cm.
- Resistance to all tree type of Rust
- Highly registant to shattering and lodging

Key Breeders and Associate: Dr.Vinod Singh, Dr. Shambhoo Prasad, Dr. S.P. Singh, Dr.Raj Bahadur, Dr. K.P. Singh, Mr. Vinay Kumar Singh and Ashok Kumar Singh

Pea variety released:

1. **Narendra Matar-1:** In 33rd state seed sub-committee meeting on dated 23rd June, 2021, Proceeding date 22.7.2021

- It is resistant to powdery mildew and rust.
- Moderately resistant to leaf minor and stem fly.
- Yield 20-25 q/ha. medium tall**) for Uttar Pradesh**.

Chickpea variety released:

1. **Narendra Chana-1:** In 33rd state seed sub-committee meeting on dated 23rd June, 2021, Proceeding date 22.7.2021.

- It is resistant to dry root rot and ascochyta blight.
- Moderately resistant to pod borer.
- Yield 25-30 q/ha.
- It is deshi type bold seeded variety for Uttar Pradesh

Following contribution were made by way of working in AICW& BIP/ Wheat Network Program.

- Thirty one promising entries of wheat were developed from ANDUAT, Ayodhya centre contributed for constitution of different NIVTs, IPPSN, & SVT coordinated and state adoptive trials.
- Wheat variety NW-7008, a high yielding and resistant to rust (Stem, Leaf and Yellow) under rainfed/restricted irrigation condition for Eastern and Western Zone of Uttar Pradesh. Released in the meeting of State Seed Sub Committee on dated 22.03.2022 through Virtual mode in the chairmanship of Additional Chief Secretary, U.P., Lucknow.
- To strength genetic variability: A total of 1480 wheat germplasm (indigenous and exotic) including new introduction are being maintained for its further use of crop improvement program.
- A total of 180 new crosses had been attempted to create desired variability under salt tolerance conditions.
- Ninety single plant selection (SPS) and desired segregants ($150F_2$, $90F_3$, $30F_4$, $26F_5$, $22F_6$ and 18 advance bulk population) were generated under different situations i.e. rainfed , saline, sodic and waterlogging condition. These segregating generation will be grown for evaluation of their promisness for further crop improvement program.
- TotalSeven entries under NIVT developed from ANDUA&T, Kumarganj contributed in NIVT Trials 2021-22.
- Total eleven wheat entries have been contributed under state varietal trial during 2021-22.
- Twenty five entries contributed for IPPSN during 2021-22 of Ayodhya centre.
- Member of the variety development of rice variety NDR 9930111, IET No. 19117 for Uttar Pradesh, submitted to Central subcommittee on Crop Standard.

Improvement in irrigation and water use efficiency in crop production

AICRP on IWM centre of the university is involved in developing and evaluating the different irrigation techniques to improve the irrigation and water use efficiency in crop production. The major achievements of the project during the period under report are as under:

Improved Water Management practices:

Seven cm water in each irrigation at 1-4 days after disappearance of ponded water through check basin (10x10m) has been found high yielding with rice yield of 51.61, 48.38 and 47.96 q/ha at head, middle and tail end of Awanpur distributory respectively which was about 22.46 – 27.70% higher in comparison to farmers practice (10-12cm water in each irrigation by flooding/field to field irrigation) and also saved about 33.68% irrigation water. The improved water management practice also observed the higher value of WEE in the range of 5.97 to 6.43 kg/ha.mm in comparison to farmers practice.

Improved Water Management practice; 6cm water per irrigation at critical stages (CRI, Late jointing and milking) of wheat in check basin (5x10m) resulted higher wheat yield of 42.08, 41.95 and 41.03 q/ha at head, middle and tail end of Awanpur distributory respectively which was 27.37-31.19% higher than that of wheat yield obtained under farmers practice (8-10cm water through field to field flooding method of irrigation). Similarly, the improved irrigation practice of water management observed the higher value of WEE in the range of 21.59 to 22.15 kg/ha.mm which was 107.81 – 114.04% higher than that of WEE worked out under farmers practice.

Diversification of crops during rabi crop season under poor availability of canal water has been found more productive and remunerative and **intercropping of gram with mustard (4:1)** has been found to be best as it gave the highest equivalent wheat yield of 46.99 q/ha followed by intercropping of lentil with mustard (4:1) in which the equivalent wheat yield was 42.22 q/ha. The intercropping of mustard with gram also accrued the maximum net profit of Rs. 66140.00 per hectare with highest benefit cost ratio of 3.59.

Rainwater harvesting and its multiple use through rice based diversified integrated farming system with and pisiculture accrued the net return of Rs. 184619.00 per hectare per year in comparison to conventional farmer's practice rice-wheat+rai which

accrued the net return of Rs. 95832.00 per hectare per year. Thus, the integrated farming system with pisciculture was found more productive with 3.88 benefit cost ratio than that of conventional rice-wheat + Rai cropping system in which the benefit cost ratio was 2.47 only.

The turmeric crop grown in the alleys of Aonla as alternate land use system under different drip irrigation fertigation systems observed that the fertilizer doses (100% and 75% of RDF) did not effect the yield of turmeric under drip irrigation treatments. **Drip irrigation @ 80% PE with 100% RDF** recorded the highest yield of turmeric 158.00 q/ha with WUE 20.68 kg/ha.mm.

Effect of moisture regimes and weed management in drum seeded rice showed that the **moisture regimes 6cm at 4 DADPW** with chemical weeding **(Bispyribac sodium 10% SC @ 200ml ha^{-1} post emergence at 30 DAS)** harvested significantly higher rice yield 50.20 q/ha with WEE 6.18 kg/ha.mm. Moisture regimes 6cm at 4 DADPW accrued the net benefit of Rs. 57770.00 per ha with benefit cost ratio of 2.65.

Effect of irrigation scheduling and in-situ residue management of combine harvested rice in rice-wheat cropping system revealed that the **wheat crop sown with happy seeder** resulted the significantly higher

yield 46.80 q/ha with highest WUE 18.72 kg/ha.mm being at par with wheat crop sown after residue incorporation. The **irrigation schedule I_3 (5 irrigations at CRI, tillering, LJ, milking and dough stage)** recorded the significantly higher yield of wheat 45.95 q/ha with WUE 14.83 kg/ha.mm being at par with irrigation schedule I_2 (4 irrigations, at CRI, tillering, LJ and milking stage) in which yield was 44.37 q/ha.

Identification of cropping systems for Eastern Uttar Pradesh

- The highest benefit: cost ratio was recorded with rice–frenchbean-greengram cropping system followed by rice-cauliflower-okra.
- The highest system productivity was recorded by rice-potato-cowpea sequence followed by rice–wheat+greengram and rice-frenchbean-greengram.

Evaluation of weed management practices under organic system.

Maximum rice grain equivalent yield of the system was obtained with incorporation of neem cake 15 days before sowing @ 2t/ha +one hand weeding followed by stale seed bed+ reduced spacing by 25% + one hand weeding at 50 DAS can be adopted in the region to sustain and to ensure the better livelihood security of the farming community.

Sustainable resource management for climate smart IFS

- Integrated farming system model of one hectare recorded gross income (Rs 529722/year), net income (Rs 268502/year) and benefit: cost ratio (1.03).
- IFS model approach is a viable to fulfil all livelihood requirements of small and marginal farmer's family. It provides nutrient rich diet to the human being and animals. And sustain the soil and environment by recycling and making productive use of all the farm wastes and residues etc. it helps in round the year income generation, employment generation and meets the nutritional requirement of family.

Identification of cropping system for eastern Uttar Pradesh

Paddy – Potato - Cowpea

Paddy – Wheat – Maize+ cowpea (fodder)

Paddy – Lentil - Sudanchari

Rice– Mustard - Greengram

On Farm Research

- Highest net return of Rice-Wheat cropping system in Vindhyan Agro Climatic Zone of Eastern UP can be obtained with recommended dose of NPK @ 120-60-60kg/ha along with ZnSO4 @ 25 kg/ha.
- Diversification in crops / improved varieties and balanced fertilization, improved feed for animals, Deworming to animals as iner ventions provided to the farming community can increase the productivity of crops/milk and thereby increase the net return of marginal farmers of the region.

On Farm Trial – Mirzapur

Rice ND3112 Dayalpur

Paddy – ND3112, Kailahat

Gram Pusa 359

Agro-climatic Characterization

- Distribution of rainfall in the area was erratic in nature. S-W monsoon rainfall variability of Eastern U.P. from 1986-2021 showed declining trend in the recent years over normal rainfall.
- Rainfall variability over normal during S-W monsoon period of Eastern U.P. reveal that rate of decrease of rainfall over normal is approximately one & half times. Frequency of decrease of magnitude rainfall over is 60% as compared to 40% above normal in recent years.
- South-west monsoon partitioned about 80% of total rainfall in the region. Highest partitioning during SWM was experienced in NEPZ (82.4%) followed by VZ (80.6%). It is quite obvious that summer and winter rain in EPZ was higher as compared to other zones which facilitates to grow efficiently winter and summer crops with little irrigation.
- Seasonal rainfall status of U.P. during last eight years reveal that average rainfall during S-W monsoon period occurred about 81% of the normal rainfall (829.8mm) in the region.
- Trend of annual variability of length of rainy season (days) and trend of annual variability of total no. of rainy days decreased in recent years.
- The number of frost events increased from 29 days (1986-1995) to 57 days in 2006-2015. Against the normal 44 days during (1986-2015). Probability % of maximum frost occurrence during the month of January showed the decreasing trend of variation from 69% (1986-1995), 85%(1996-2005) and 63%(2005-2015) over the normal value of 72 %.

Mustard

- The maximum Accumulated GDD requirement from sowing to maturity were recorded 1542 ^{0}C days in 25th Oct. sowing in NDR-8501 variety while minimum accumulated growing degree days from sowing to maturity 1273 ^{0}C days was observed under late sowing (14th Nov) in Bio-902 variety.
- Threshold temperature during vegetative phase, reproductive phase and physiological maturity of mustard to achieve various yield targets were worked out. The maximum & minimum temperature were within the limit of the temperature identified as optimum for 1-2 t/ha yield. The lower temperature during the vegetative phase seems to be constraint for growths and development and consequently leads to lower productivity in the Eastern U.P. Maximum temperature in the range of 26.4^{o}C-33.3^{o}C and minimum temperature 11.3^{o}C-15.4^{o}C at vegetative phase phase and 25.6^{o}C to 29.5^{o}C; 11.6 ^{o}C to 12.3 ^{o}C at reproductive stage respectively seems to be optimum for higher productivity of mustard.
- The maximum Thermal use efficiency

requirement from sowing to maturity was recorded 0.62 g/m^2/^{0}C days at growing environment of sowing 25st Oct. while minimum Thermal use efficiency from sowing to maturity 0.52 g/m^2/^{0}C days was observed under growing environment (14th Nov.).

Maize

- Growing environment of 5th July recorded higher days taken to different phenophases followed by 15th July. Sowing on 25th July however reduced the crop duration by 11 days over 5th July and 4 days over 15th July. Among the varieties, Kanchan took relatively longer duration and ultimately matured 4 days delayed over Azad hybrid-2 in 05th July sowing.
- Maximum temp. of 34.10C, 33.70C and 33.7 0C during sowing to emergence, knee high to tasseling and milking to dough stage, respectively were favoured to get higher yield and yield attributing characters of maize. Among the varieties 33.30C, 32.40C and 34.5 0C during knee high to tasseling, tasseling to silking and silking to milking stages of variety Kanchan were recorded optimum maximum temperature for achieving higher yield as compared to other varieties under study.
- Minimum temperature during knee high to tasseling; tasseling to silking; and milking to dough stage of maize with 26.40C , 25.30C and 24.40C respectively were identified for obtaining highest yield in 05th July growing environment over other dates of sowing. Kanchan recorded higher yield as compared to other varieties. Kanchan experienced achieved minimum temperature 26.30C, 24.10C and 24.40C during taselling, milking and dough stages, respectively which optimum for achieving higher yield of maize.
- Crop sown on July 5th recorded higher mean yield and accumulated heat unit and heat use efficiency of maize.

Weather, pest and disease relationship:

Both maximum and minimum temperature, have a positive correlation with larval population. However, morning and evening RH had negative correlation with larval population. Both Tmax and Tmin had a significant positive relationship with P=0.01 level indicating relationship with temperature parameters influencing larval population.

Agromet advisories:

The weekly weather data are sent to IMD, New Delhi and Pune on weekly basis through internet. Five days forecast are receiving from IMD twice in a week on every Tuesday & Friday. With the help of preceding data and forecast Agromet advisories are prepared in consultation with experts of different disciplines. Expert views about the forecast and their use in the Agricultural farm operations and management are compiled in the form of Agro-advisories bulletins which are distributed to the farmers/ newspapers. The forecast is verified and sent to IMD, New Delhi to analyze the forecasted errors. Forecast during kharif season still needs improvement. Dissemination of Agro-advisories through contact progressive farmers, leading Hindi daily News papers, All India Radio, T.V.

Seed Production activities

Seed Production activities of especially newly developed and demand driven varieties of major crops have been taken up on massive way at University as well as farmer's field on participatory mode. All technical know-how were provided from time to time

Downy mildew disease of Opium poppy

Non-infected leaf and Infected leaf of Mustard Alterneria blight

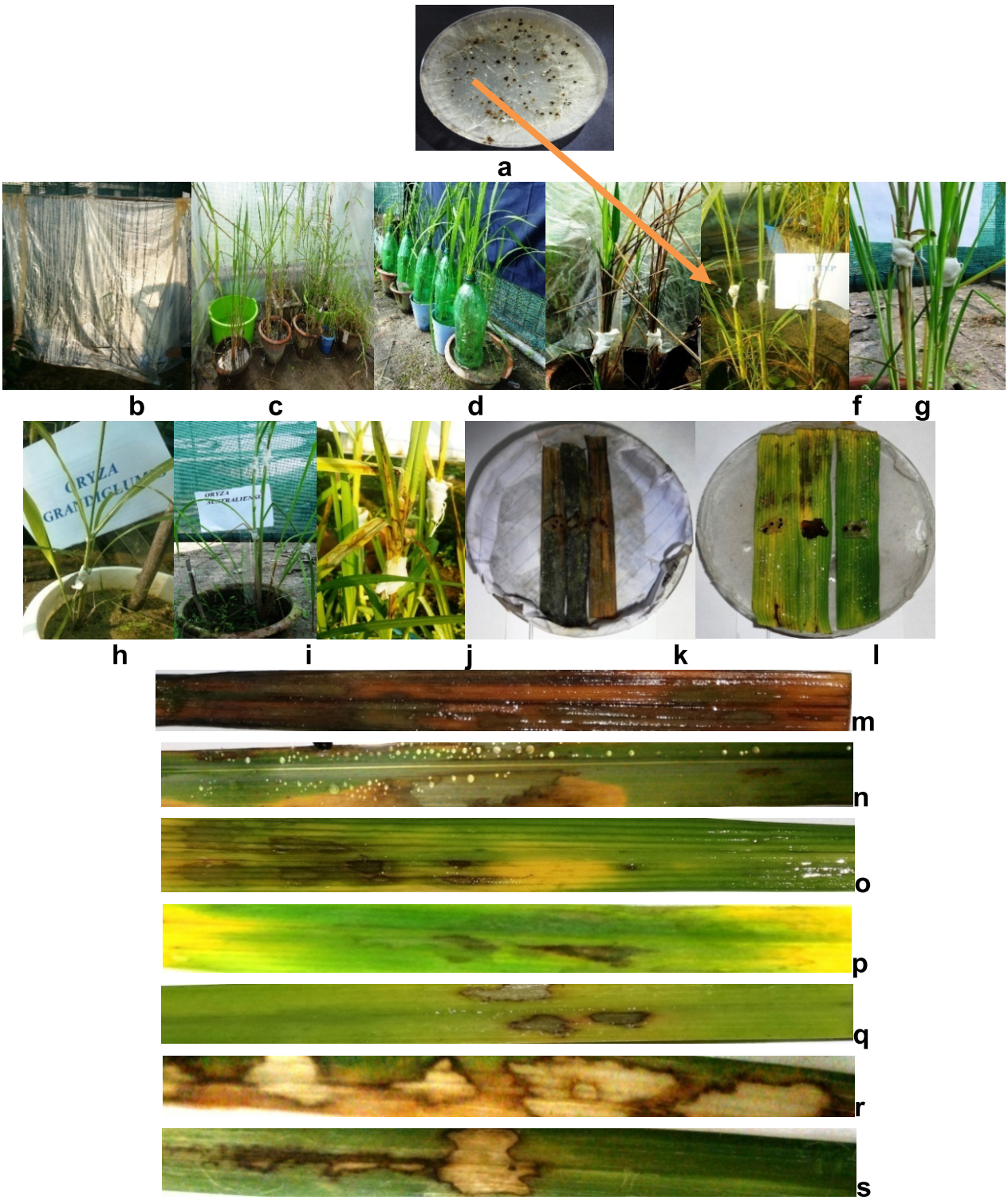


Figure : Disease reaction of *Rhizoctonia solani* on cultivated rice: (a) Pure culture of *R. solani*, (b) View of humidified chamber, (c) View inside the humidified chamber, (d) Microchamber, (e) Pusa Basmati-1, (f) Tetep, (g) KPH-466 (Hybrid rice),, (h) Wild rice accession; *Oryza grandiglumis,*(i) *Oryza australiensis*, (j)Ragi; PR-202, (k) detached leaf method; Pusa Basmati-1, (l) *Oryza grandiglumis,* (m) Kalanamak3, (n) Narendra Lalmati, (o) Tetep, (p) *Oryza grandiglumis,* (q) *Oryza rufipogon,* Ragi; (r) PR-202, (s) RNU-81

Farmer Awareness Programme (FAP) under AICRPAM-NICRA Project

Activities	Date	Place	No. of Farmers participated		
			Male	Female	Total
FAP – 1	23.11.2021	Doli Askaran, Amaniganj, Ayodhya (U.P.)	85	28	113
FAP – 2	03.02.2022		85	29	114
FAP – 3	25.03.2022		80	36	116

for successful seed production. Farmers were so impressed that they have become a part and partial of seed business. Further, Technologies developed under various disciplines viz., seed production, and seed physiology of NSP-STR being disseminated through field demos and also through mobile to farmers.

Farmer Awareness Programme (FAP) under Gramin Krishi Mausam Sewa Project

Agro-meterological Activities conducted at the University on a regular basis

- Preparation of District level Agromet-advisory bulletins twice in a week *(Tuesday and Friday)* regularly using AgroDSS software and disseminated to the farmers through leading daily news papers and uploaded these agromet-advisory bulletins on the IMD website *www.imdagrimet.gov.in* and *kisansmsportal.*
- Preparation of Block level Agromet-advisory bulletins twice in a week *(Tuesday and Friday)* regularly using AgroDSS software and uploaded these agromet-advisory bulletins on the IMD website *www.imdagrimet.gov.in* and *kisansmsportal.*
- Regular communication of forecast based SMS to the farmers through mkisan Portal www.mkisan.gov.in.
- Recording of Daily weather data of AMFU, Kumarganj-Faizabad, Ayodhya centre and updation on the IMD website www.imdagrimet.gov.in regularly during the reporting period.
- Regular communication of daily weather data of AMFU, Kumarganj in requisite format to IMD, New Delhi and Pune.
- District wise F_1, F_2 and F_3 stage yield forecast of paddy, wheat and mustard crops and estimation through statistical modeling for the districts falling under Eastern Plain Zone (EPZ) of U.P. before communication to IMD, New Delhi.
- Daily weather data of AMFU-Faizabad, Ayodhya updated online in IndoBlightCast model (A potato blight forecasting system) for prediction of blight in the potato crop under GKMS project.
- Inputs to develop the mustard aphid forewarning model have been collected and sent to IMD, New Delhi.
- Provided other information required by India Meteorological Department, New Delhi and Pune from time to time.

Adoptation of Village by the College

Under progressive India programme, a village named Dobhiyara, District-Amethi was adopted by College of Agriculture during 2019-20. Farmers of this village were trained regularly throughout the year for making them self sufficient under His Excellency Governor's campaign:

Different programmes organized by the college in the adopted village during the Azadi ka Amrit Mahotsava *i.e.*-

- Campaigning to attract the voter in the adopted village for voting.
- Distribution of planting material/plantation campaign was also successfully completed in this village.
- For Beekeeping, Mushroom /fish farming, decomposition of organic waste; live stock production and other Farming related activities.

Programme organized by College of Agriculture

Celebration of the important days during the year:

COLLEGE OF AGRICULTURE, CAMPUS, KOTWA, AZAMGARH (U.P.)

1. Programs organized

- College of Agriculture campus, Kotwa, Azamgarh has celebrated Ambedkar Jayanti, Hindi Divas, World Earth Day, World Environment Day, International Yoga Day, Independence Day, Gandhi and Shastri Jayanti, Acharya Narendra Dev Jayanti, Sardar Vallabh Bhai Patel Jayanti, University Foundation Day, Agriculture education Day, Republic day etc.

- College of Agriculture, Kotwa, Azamgarh has organized lecture series on Nutri cereals on the birth anniversary of Prime Minister Narendra Modi on 17-09-2021 in which faculty members have delivered their lectures to create awareness for nutri cereals.
- College of Agriculture, Kotwa, Azamgarh has conducted Mid-term examination of 2nd and 3rd year students from 22-10-2021 to 30-10-2021.
- Four Students of final year has been selected in Hi-field Ag Cam India Private Limited Aurangabad Maharashtra.
- Ten students of this campus are selected to participate in online training programme for 'Language + skills + self-hypnosis' with the norms of NHEP.
- Our campus has adopted three villages (Aarajibagmati, Pachchupura, Bhadhuiyan) to inform the farmers about innovative agricultural techniques and extension work.
- Four faculty members of College of Agriculture Campus, Kotwa, Azamgarh nominated for compilation of NAAC report 2021.
- Honorable Vice-Chancellor Dr. Bijendra Singh visited College of Agriculture Campus, Kotwa, Azamgarh on 27-06-2021. Dean, College of Agriculture has presented

achievements and future work plan. During presentation, Hon'ble Vice-Chancellor has suggested to faculties for teaching quality, examination pattern, village adoption for farmer's welfare etc.

- Hon'ble Governor (Smt. Anandiben Patel) of Uttar Pradesh visited College of Agriculture Campus, Kotwa on 02-11-2021. She interacted with faculty members and discussed about quality education, innovations (IFS model), and transfer of technology and multi-level farming to doubling farmer's income. She also suggested to female farmers, regarding organic farming, entrepreneurial opportunities to the farming community.

- Final examination for 1st, 2nd, 3rd and 4th year students has conducted from 27-12-2021 to 06-01-2022.
- Academic session for 2nd, 3nd and 4th year students has started from 13-01-2022.
- Mid-term examination for 1st year students

has started from 17-02-2022 to 02-03-2022.

- All the faculty members have presented various topics on Innovation in agriculture on 13-02-2022.
- Dr. Sanjay Singh, DG-UPCAR has visited College on 16 February, 2022 for review meeting with faculty members, discussed regarding quality education, prepare project proposal and transfer innovative technology to the farming community.

- College of Agriculture, Kotwa, Azamgarh has started campaign for creating awareness among voters from 27-02-2022 to 03-03-2022.
- Dean, College of Agriculture, Kotwa, Azamgarh has joined as Officer In-charge of KVK-I Azamgarh and KVK-II Laduara on 14-03-2022.
- Two students of B.Sc. (Hons) Ag. final year with one faculty member has participated in two days workshop organized by state Agriculture Management Institute, Lucknow on 22-23 March, 2022.

COLLEGE OF HORTICULTURE AND FORESTRY

The College of Horticulture and Forestry (CHF) is located in main campus of A.N.D.U.A.T., Kumarganj, Ayodhya (U.P.). The geographical area under the jurisdiction of the college is spread over in three zones namely, North Eastern Plain Zone, Eastern Plain Zone and Vindhyan Zone comprising 27 districts of Uttar Pradesh.

Initially the department of Horticulture was initiated in the year, 1977 and the work on Horticultural crops were started at the Crop Research Station, Masodha and shifted to the main campus of the University at Kumarganj. At the beginning all the branches viz., Fruit Science, Vegetable Science, Ornamental Horticulture and Post-Harvest Technology were included in the Department of Horticulture. Later on, in the year, 1980 a separate Department of Vegetable Science was established. The post-graduate programmes were started in the year 1981 in College of Agriculture in disciplines of Horticulture and Vegetable Science. The department of Forestry was established in the academic year 1987-88, which was divided into two departments namely: (i) Department of Agroforestry and (ii) Department of Forest Ecology and Environment with the establishment of College. The College of Horticulture and Forestry was established in 2006 with seven departments: (i) Fruit Science, (ii) Floriculture and landscaping (iii) Post-harvest Technology (iv) Vegetable Science (v) Medicinal and Aromatic Plants (vi) Agroforestry (vi) Forest Ecology and Environment.

The post-graduate degree was started in the discipline of Agroforestry and Forest Ecology and environment in the year of 2009 and 2010, respectively. The new building of College of Horticulture and Forestry was constructed in the university campus in 2009 which was inaugurated by Hon'ble Vice-Chancellor Dr. Basant Ram on 11.12.2009. Presently following degree programmes are running in college.

Proposed new degree programme for Masters

M.Sc. (Hort.) Post-Harvest Management

M.Sc. (Hort.) Floriculture and Landscaping

Objectives

- To provide teaching environment and facilities to develop human resources, who can able to take the responsibility and challenges of horticulture.
- To teach and train the students to make them resourceful and entrepreneurial.
- To provide technical and practical end to end exposure to students in field of horticulture for skill development related to production, value addition, management, marketing and self-employment.
- Establishment of nursery of fruits, ornamental, medicinal and aromatic crops and supply to research institute farmers.
- Landscaping and beautification of main campus
- To collaborate with national and international institution/ agencies involved in teaching, research and developmental programs in the field of horticulture and forestry.

Mandates

- To make provision for quality education of rural people of Uttar Pradesh in different branches of Horticulture, forestry.
- Development of cultivar of different horticultural crops for eastern Uttar Pradesh.
- To provide good facilities for research network.

S.N.	Name of degree programme	Discipline
1.	B.Sc. (Hons.) Horticulture (Vth Deans Committee)	Horticulture
2.	M.Sc. (Horticulture) Fruit Science & Ph. D. Horticulture (Fruit Science) (IV th Deans Committee)	Fruit Science
3.	M.Sc. & Ph. D. (Horticulture) Vegetables Science (IV th Deans Committee)	Vegetable Science
4.	M.Sc. & Ph.D. Forestry (Silviculture & Agroforestry) (IV th Deans Committee)	Agroforestry

- To attain excellence in education, research and extension in the field of horticulture.
- To conduct location specific and need based research.
- To generate technologies for improving production and productivity of tropical crops.
- To implement effective extension programmes for efficient transfer of technology.
- To provide consultancy service in horticulture.

Number of students Admitted and Passed out

Details of students passed out, ongoing and admitted during session 2021-22 are given below:

Name of degree programme	No. of students Passed
B.Sc. (Hons.) Horticulture	35
M.Sc. (Horticulture) Fruit Science	10
M.Sc. (Horticulture) Vegetable Science	13
Ph. D. (Horticulture)	4
Ph. D. (Horticulture) Vegetable Science	5
Total	**67**

Name of degree programme	No. of ongoing students
B.Sc. (Hons.) Horticulture	178
M.Sc. (Horticulture) Fruit Science	24
M.Sc. (Horticulture) Vegetable Science	25
M.Sc. (Forestry) Silviculture & Agroforestry	03
Ph. D. (Horticulture) Fruit Science	19
Ph. D. (Horticulture) Vegetables Science	16
Ph. D. Forestry (Silviculture& Agroforestry)	06
Total	**271**

I. Admission (2021-22)

Total 107 students were admitted during session 2021-22 with the following details:

Name of degree programme	No. of students admitted
B.Sc. (Hons.) Horticulture	61
M.Sc. (Horticulture) Fruit Science	15
M.Sc. (Horticulture) Vegetable Science	13
M.Sc. Forestry (Silviculture & Agroforestry)	03
Ph. D. (Horticulture) Fruit Science	08
Ph. D. (Horticulture) Vegetables Science	05
Ph. D. Forestry (Silviculture & Agroforestry)	02
Total	**107**

II. Orientation of fresher: Newly admitted students of UG, PG degree programme were acquired well with rules and regulations of the college/ University just after completion of their registration.

III. Course Offered: Total 122 courses were offered in different degree programme in 1st&2nd semester 2021-22.

IV(a). Experimental Learning Programme (ELP):

In the session 2021-22, Thirty six students of B.Sc. (Hons.) Horticulture final year were selected for two areas for specialized training namely processing of fruits and vegetables for value addition and nursery production and management under ELP. Under processing of fruits and vegetables, students went to learn practical processing technology of various seasonal fruits and vegetables regarding their processing of various products like jam, jelly, murabba, candies, pickles, squash, syrup and RTS for marketing and demonstration purposes. The programme was conductedunder nursery management by students who raised the nursery of fruits, vegetables and flowers and marketed them. At the end of semester, students submitted work report and their performance were evaluated by a committee constituted by the Dean, college of Horticulture and Forestry.

IV(b). Rural Horticulture Work Experience (RHWE):

RHWE programme was organized for B.Sc. (Hons.) Horticulture final year students. Thirtysix students were registered for placement in the nearby village/town (Prakash Ka Purva, Milkipur, Ayodhya). In this programme one farmer is identified in the selected village for two students to perform intensive study under the guidance of coordinator and teachers. Students thoroughly study about present status along with social, cultural and farming related activities of farmer as well as village. In these placements, students fill up the proforma as provided by the coordinator. A students work in their villages/town accordingly. In the end of programme students organized a kisan gosthi in which they present the status of village along with causes of poor yield/income and their solutions and also discuss their social and cultural activities in the presence of course coordinator, teachers, farmers and gram pradhan. In the end of semester students submitted work report and their performance were evaluated by a committee constituted by the Dean, College of Horticulture and Forestry. Thirty six students were passed out in both the programme organized by CHF Horticulture.

RHWE programme by B.Sc. (Hons.) Hort. Final year students

V. Smart class rooms:

One classroom of B.Sc.(Hons.) Horticulture has been upgraded in smart classroom having capacity of 100 students.

Plantation and beautification:

Plantation: 1810 plants of fruit, forestry and ornamental tree were planted by Hon'ble Governor of UP Smt. Anandi Ben Patel, Hon'ble Vice Chancellor, and senior dignitary of central and state govt., scientist and staff members of this University.

Front line demonstration of 4000 Lemon grass slips has been exhibited in Usmanpur, Siddhaur, Barabanki district of Uttar Pradesh through MIDH Project.

1. Academic Excellence

Student's performance in competitive examination.

S.N.	Exam	Students Qualified (2021-22)
1.	ICAR-JRF	05

2. Faculty Achievements

Awards	02
Research Papers	50
Books	09
Book chapters	33
Articles	31
Student Placement	10 (UPPSC-6 , UPHESC-01 and Private University -03)

3. Research projects

Number of projects running	15
All India Coordinated Research projects	06
State Non Plan	02
MIDH	01
Adhok project Sanctioned	05
Collaborative Research work with other organization	03

Projects running/ under process in the College:

Adhoc research projects

- ❑ Demonstration of drip irrigation / fustigation under diversified cropping system - **(Sanctioned) (R.K.V.Y.)**
- ❑ Renovation and establishment of New Polycarbonate green house and net house for nursery production and cultivation.-**Sanctioned under R.K.V.Y.**
- ❑ Strengthening of Horticulture & Vegetable Experiment Stations from protection of stray Cattles.- **Sanctioned under process- R.K.V.Y**
- ❑ Establishment of Hi-Tech Floriculture Centre for Strengthening of Research and Development of Entrepreneurship Model: **Sanctioned under process- R.K.V.Y**

State: Non plan (100% funded by Up State Govt.): 2

1. Production and processing of fruits in usar wasteland scheme.
2. Vegetable research.

National level ICAR Plan (75% funded by ICAR):6

1. All India coordinated research project on medicinal, aromatic plants and beetle vine.
2. All India coordinated research project on arid zone fruits
3. All India coordinated research project on agroforestry
4. All India coordinated research project on potato
5. All India coordinated research project on spices
6. All India coordinated research project on vegetable crops
7. MIDH (mission for integrated development of horticulture) 100% funded by ICAR/Central Government

National level project funded by DST-SERB

Assessment of determinants of bird assemblages across rural urban gradient in & around selected cities of Uttar Pradesh

Collaboration of Research work with other organizations

Name of the project / scheme	Year of start	Funding agency and amount (lakh)	PI
1. Evaluation of Nano-fertilizers in potato	2020	IFFCO Ltd. (1.10)	Dr. R. K. Pathak
2. Evaluation of Nano fertilizers fertilizer in rice - wheat based cropping system	2019	IFFCO Ltd. (1.98)	Dr. R. K. Pathak
3. Evaluation of innovative products on vegetable crop	2020-21	Fertis India Pvt. LTD. (16.00)	Dr. G. C. Yadav

Training:

1. Training on Cultivation of spices and aromatic plants - 4
2. Medon par vrikshropan - 1

Lecture Delivered:

Lecture delivered by Scientist in different webinar & training programme - 36

Training Details:

1. Skill up gradation of Horticulture Officers training through online mode during 02.08.2021 to 06.08.2021.
2. Awareness workshop on promotion of Horticulture crops under the "Mission for Integrated Development of Horticulture" on 18.08.2021.

Research Activities and Achievements:

Variety identified/release:

Variety identified by ICAR -AICRP for release at national level		Year
Fruit Crops		
Aonla	1. Narendra Aonla -25	2021
	2. Narendra Aonla-26	2021
Bael	Narendra Bael-10	2021
Vegetable crops		
Brinjal	Narendra Suyog (NDB White-1)	2021

Distinct characters of identified Variety

Vegetable Crops

Brinjal: Narendra Suyog (NDB White-1)

Characteristics:

Season-*Kharif* and *Rabi*

Recommended for Zone- Zone-III (Barapani, Port Blair and Nagaland) and IV (Punjab, UP, Bihar and Jharkhand)

Features- Medium Long fruit shape

Average Yield-380

Potential Yield-548 q/ha

Breeder- Dr. Gulab Chand Yadav

Aonla

On the basis of pooled data of aonla germplasm over 5 years, the maximum yield was recorded in genotype NA-26 (86.67 q/ha) followed by NA-25 (54.17 q/ha) and NA-27 (38.45 q/ha) along with better quality parameters. Hence, it may be concluded that all 3 genotypes recommended for commercial cultivation.

Bael

Twelve germplasm (ND/AH-8, ND/AH-9, ND/AH-10, ND/AH-11, ND/AH-12, ND/AH-16, ND/AH-17, ND/AH-21, ND/AH-22, ND/AH-25, ND/AH-26, ND/AH-27) of bael were evaluated. On the basis of pooled over 5 years data, the maximum yield was recorded in genotype ND/AH-10 (212.85 q/ha) followed by ND/AH-17 (211.38 q/ha), ND/AH-16 (203.53 q/ha) and ND/AH-8 (148.57 q/ha) along with better quality parameters. Hence it may be concluded that all 4 genotypes recommended for commercial cultivation.

Epidemiological studies on aonla rust:

On the basis of 16 years epidemiological studies of aonla rust, it has been observed that aonla rust occurs in eastern UP from September to December when temperature range between 26.41 to 33.0°C and humidity 70.0 to 87.0% with sunshine 5.94 hrs/day found favourable for the initiation of the disease. The incremental disease in the incidence of the rust showed linear pattern from September to January of each year with its peak in the month of December.

Promising genotypes in pipeline

Aonla: NA-27, NA-29, NA-31, NA-32, NA-33 and NA-34

Bael: ND/AH-8, ND/AH-9, ND/AH-11, ND/AH-12, ND/AH-16, ND/AH-17, ND/AH-21, ND/AH-22, ND/AH-25, ND/AH-26, ND/AH-27 and NB-19, NB-21, NB-22 and NB-23.

BER: Narendra Ber Selection-9, Narendra Ber Selection-10, Narendra Ber Selection-11, Narendra Ber Selection-12, Narendra Ber Selection-13, Narendra Ber Selection-14, Narendra Ber Selection-15 and Narendra Ber Selection-16.

Jamun:CISH-J-37, CISH-J-42, and Narendra Jamun-6. Narendra Jamun-7, Narendra Jamun-8 and Narendra Jamun-9.

Introduction of improved cultivars / high density plantation:

Introduced following Fruit crops with high density plantation at MES Horticulture

S. N.	Name of fruit crop	Variety	Area/ Number	Type of plantation
1.	Bael	NB-9 Goma Yashi	200 m^2	Trellis and Y-Trellis System-research and teaching purposes
2.	Dragon Fruit	Red Pulp; White Pulp Grafted Plants on Narendra Cactus-2 rootstock	700 m^2	Teaching and research purposes
3.	Guava	Different germplasm	0.3 acre	High density planting for evaluation & selection

Maintenance of advanced line of different spices under AICRP on Spices

Sl. No.	Name of spices crop	Advanced line
1.	Coriander	NDCor-11, NDCor -12, NDCor -22, NDCor-32, NDCor-64
2.	Fenugreek	NDM-119, NDM -36, NDM -137, NDM-47, NDM-49
3.	Funnel	NDF-59, NDF -46, NDF -45, NDF -49, NDF-24
4.	Black Cumin	NDBC-20, NDBC-7, NDBC-31
5.	Ajwain	NDAJ-21, NDAJ -34, NDAJ -30, NDAJ-20

- ❖ As per paddy-mustard based sequence, significantly higher grain yield of paddy variety Sarjoo-52 (2.27 t ha^{-1}) and mustard variety Varuna (1.06 t ha^{-1}) have been achieved as compared to other varieties of paddy and mustard under *Dalbergia sissoo* based agri-silviculture system.
- ❖ As per **organic fertilizers based experimentation**, the maximum grain yield of **paddy var. Sarjoo-52** (2.21 t ha^{-1}) has been obtained with the application of **FYM 10 t ha^{-1}** under ***C. equisetifolia*,** while higher grain yield of **wheat var. NW-5054** (2.18 t ha^{-1}) was recorded by the application of same treatments *i.e.* 10 t ha^{-1} FYM under ***D. sissoo* based agri-silviculture system.**
- ❖ Significantly higher **turmeric** rhizome yield (7.05 t $ha^{-1}yr^{-1}$) has been obtained due to application of 50% recommended dose of T_3 50% NPK+50% FYM as compared to other treatments under **agri-silvi-horti system**.

Other activities

- Turmeric seed NDH-1 distributed to the 70 SC farmers of Meen Nagar village, Dariyabad block.
- Mango, Teak and Karonda seedlings and Vegetable Seeds were distributed to the more than 100 SC farmers of Meen Nagar village, Dariyabad block.
- One Day Training organised entitled ***"Medon par vrikshropan"*** on 31st March, 2022 for the 60 farmers of Jorium Village, Amaniganj, Ayodhya (U.P.) funded by AICRP (AF), CAFRI, Jhansi

Awards:

Sl. No.	Name of Award	Awarding Agency	Year	Recipient
1.	Fellow of Indian Society of Vegetable Science	ICAR-Indian Society of Vegetable Science, Varanasi (U.P.)	2021	Dr. G.C. Yadav
2.	Fellow of International Society of Noni Science	World Noni Research Foundation, Chennai	2021	Dr. G.C. Yadav

Capacity Building Programme

Sl. No.	Name of Beneficiaries	Topic	Duration	Organized Institute/ University
1.	Dr. Bhanu Pratap Assoc. Prof. Department of Fruit Science	Application of Molecular and Bioinformatics tools in Agriculture and Allied Sciences	07.07.2021 to 20.07.2021	SVBPUAT, Meerut (U.P.)

Number of PG and Ph.D. Degree Awardees (April, 2021 to March, 2022)

PG Students :

1. Fruit Science : 06
2. Vegetable Science : 09

Ph.D. Students:

1. Fruit Science : 02
2. Vegetable Science : 06



Farmers Training on *Medo par vriksharopan* and seed and plant distribution at Jorium Village, Amaniganj Ayodhya and Farmers Visited under Training MES,.Agroforestry

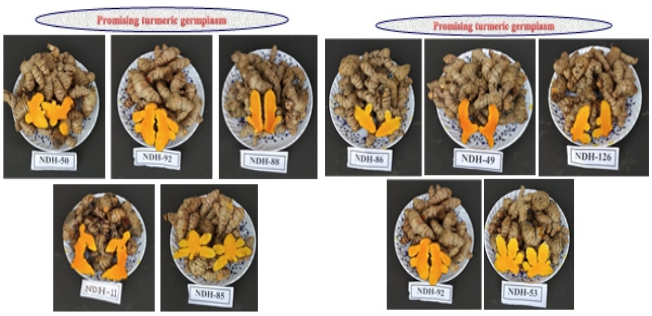



***Casuarina* +Paddy** **Shisham+Paddy** ***Casuarina*+Wheat** **Shisham+Wheat**


Shisham+Grass **Casuarina+Guava+Turmeric**

Different Agroforestry system act MES-Agroforestry

Turmeric trials



COLLEGE OF VETERINARY SCIENCE AND ANIMAL HUSBANDRY

The College of Veterinary Science & Animal Husbandry came into existence on 26th March 1999. The first batch of students took admission in the session of 1999-2000. Since then, the College is tirelessly working for the betterment of livestock sector by providing quality education and catering to the needs of farmers in the field of animal production, by providing its technical expertise for the genetic improvement of livestock and poultry, better animal health and treatment etc. and thus College is playing a pivotal role in upgrading the livelihood of the farmers of the Eastern Uttar Pradesh.

ACADEMICS

College follows the **minimum standards set by Veterinary Council of India (VCI) for B.V.Sc. & A. H.** education, as it is mandatory for a Veterinary College to maintain equality and standard of curriculum across India. The departmental setup of college comprise of seventeen departments including one instructional livestock farm complex (dairy farm) and one veterinary clinical complex (Veterinary polyclinic). A total of **10 Professors, 04 Associate Professors and 31 Assistant Professors** comprise the core faculty of the college. These well learned and up-to-date faculties shape the budding veterinarians of the college by providing best quality teaching and counseling. The academics of college are also supported by 130 non-teaching personnel and about 85 fourth class employees. The college is accreditated by National Agricultural Education Board of ICAR since 2020.

Post graduate degree programme is running in 12 departments of the college with Ph.D. degree programme in 10 departments. The overall strength of students during 2021-22 is as follows

Degree Program	Students
B.V.Sc & AH	326
M.V.Sc.	13
Ph.D.	09

All the boys' students are residing in Kalindi, Varuna and Achiravati hostels with girls' students provided comfortable stay in Gomti hostel.

Total number of students who got degrees in this year is as follows

Degree	No.
B.V.Sc. & A.H.	08
M.V.Sc.	18
Ph. D.	04

Conduct of Practical and Hands-on-Training:

We follow three different basic steps viz., seeing/observing, doing and writing for practical learning of students in the guidance of teachers.

Seeing/Observing: Students observe the method of doing various things by their teachers e.g., various operations and other clinical procedures. For passive learning various flow charts, banners and posters are displayed. The power point presentations on various topics are also delivered to the students.

Doing: The UG students are involved in performing various activities in the laboratories/farms as well in hospitals. They are involved in recording of various clinical parameters, administration of medicines, minor surgical/obstetrical procedures and analysis of samples in the laboratory. They are provided training of artificial insemination, pregnancy diagnosis and various other clinical procedures.

Writing: The UG students are also involved in filling of various records like OPD registers and treatment cards. Beside these they also fill their practical manuals prepared as per VCI curriculum along with learning by doing process. Practicals are conducted with the help of flow chart and practical manuals prepared as per VCI curriculum along with learning by doing process in the guidance of teachers.

Internship Program

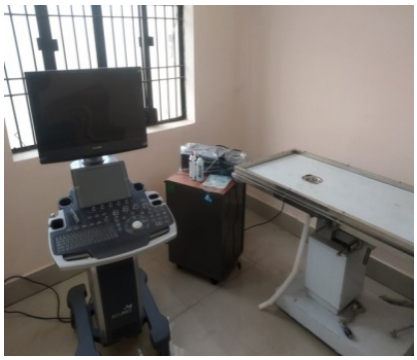
Final year B.V.Sc. & A.H. students are required to

undergo their one year compulsory internship program to obtain Bachelors of Veterinary Science and Animal Husbandry Degree. During this 360 days they have to attend different phases namely vaccine production, zoo and wild life management, clinical phase, poultry production, equine management as a part of practical hands on training. Students are also required to undergo compulsory one month externship in other state too. In the academic session 2019-2020 a total of **49 students got themselves registered in internship program**. **In the current session 47 students are undergoing internship program.**

INFRASTRUCTURE DEVELOPED DURING THE YEAR

The college has lecture theatres equipped with latest audio-visual aids to ensure efficient learning to the students. The college upgraded its class rooms into smart classes and has also build up a zoom room for connecting to the world through various online portals. In addition, each department has laboratory set up with latest equipment and facilities to provide practical in hand training to the students. This session again witnessed an upliftment in the research facilities as many new sophisticated instruments were installed in the laboratories.

LABORATORIES/ UNITS ESTABLISHED



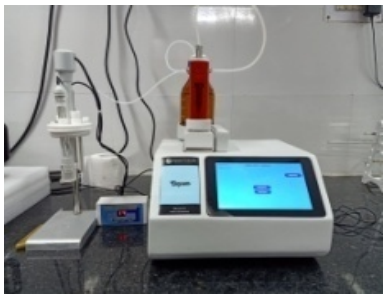
Ultrasonography Unit

Small Animal Operation Theatre

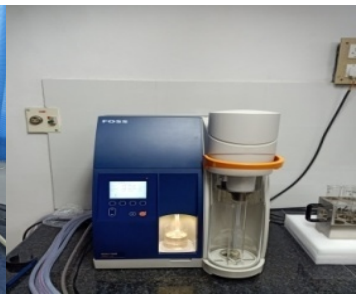
Digital Radiography Unit

ESTABLISHMENT OF FEED ANALYSIS AND QUALITY CONTROL LABORATORY

Strengthening of Diagnostic Laboratory



Automatic titration unit



Crude Protein Digestion and Distillation unit

Near Infrared Spectrophotometer

Livestock farm complex (LFC)

The college has a well-established livestock farm complex **(LFC)** with cattle & buffalo, sheep & goat and poultry units. At present, there are 116 cattle, 56 buffaloes including 07 breeding buffalo bulls, 108 sheep and goats and 38 pigs. The cattle unit is working on conservation of breed of local indigenous cattle like Sahiwal, Tharparkar so that milk production, especially in eastern Uttar Pradesh can be enhanced. The buffalo unit is working on conservation and propagation of Murrah breed and upgrading the local buffalo breed by artificial insemination programme.

Cattle unit

Buffalo unit

Poultry unit

Sheep unit

Pig unit

Integrated farming model named NSP –VI

The college also developed a one of its own kind new integrated farming model named NSP –VI emphasizing on organic farming that brought laurels to the college from all the visiting dignitaries by reclamation of 6.1 hectare wasteland (*usar bhumi*) for fodder cultivation, fish farming and horticultural crops and planning to develop goat farm. The college has also developed a model grazing farmland for year round grazing of farm animals.

Student Placements

The students of the college are bringing laurels to the university by their hard work and high degree of knowledge in various institution viz. Remount Veterinary Corps (RVC), Indian Forest Services, Department of Animal Husbandry, Universities, Research Institutes, Banks, Dairy Farms, Feed Processing Plants, Pharmaceuticals Companies, Vaccine Production Companies, meat and milk processing plant and poultry industries etc.

RESEARCH

To address the problem of drug resistance, the college has been conducting research on establishing database of antimicrobial resistance pattern of Eastern Uttar Pradesh especially Methicillin resistance *Staphylococcus aureus,* Extended spectrum β lactamase and Cabapenemase producing Enterobacteria which are the priority agents as per WHO.

Research is being carried to develop **Non-antibiotic phytogenic feed additive** in poultry farming.

Incidence of common diseases causing mortality in poultry of Eastern Uttar Pradesh has been studied to **establish the package of practices** to be followed for profitable poultry farming.

The college has been promoting the research on locally abundant medicinal plants and their products namely Aonla, Morringa, Neem, Guava etc. against common parasitic diseases and mastitis. *In vitro* efficacy of these plants is being established against common pathogens of mastitis. In addition the efficacy of different essential oils has also been adjudged against common mastitid causing isolates a step towards developing an indigenous udder health kit.

RKVY Projects

S. No.	Name of Project	Budget (In Lakhs)	Name of PI/Co-PI
1.	Establishment of feed analysis and quality control laboratory	290.0	Dr. V. K Singh (PI) Dr. Sachin Gautam (Co PI) Dr. Sushant Srivastava (Co PI)
2.	Conservation, propagation and genetic improvement of Sahiwal cattle in eastern UP	288.76	Dr. Sushant Srivastava (PI) Dr. Rabindra Kumar (Co-PI) Dr. Rajesh Kumar (Co-PI)
3	Froz "Frozen Semen Bank for Indigenous Livestock"	181.00	Dr. Sushant Srivastava (PI) Dr. V.K. Singh (Co -PI) Dr. Bhoopendra Singh (Co-PI) Dr. Rabindra Kumar (Co-PI) Dr. Rajesh Kumar (Co-PI)

S. No.	Name of Project	Budget (In Lakhs)	Name of PI/Co-PI
4.	"Production of elite germplasm through embryo transfer techniques in bovines"	332.00	Dr. Rabindra Kumar (PI) Dr. Sushant Srivastava (Co-PI) Dr. Bhoopendra Singh (Co-PI) Dr. Rajesh Kumar (Co-PI) Dr. Pramod Kumar (Co-PI)
5.	Strengthening of Clinical Complex"	496.4	Dr. Sonu Jaiswal (PI)
6.	Establishment of Milk processing plants	25.95	Dr S. S. Sengar (PI) and Dr Ruma (Co-PI)
7.	Strengthening of parasitological laboratory with advance diagnostic facilities for the detection of parasitic diseases.	92.77	Dr Amit Singh (PI)

EXTENSION ACTIVITIES

Pradhanmantri Gareeb Kalyan Rozgar Abhiyan

Farmers are given training time to time on different health and public health issues. The faculty has been providing training to the migrant labours under "**Pradhanmantri Gareeb Kalyan Rozgar Abhiyan**" at the university Krishi Vigyan Kendra.

Blood testing Camp

Blood testing camp was organized by Officer-In-Charge of Hospital in Collaboration with Department of Veterinary Physiology for university girls and working women.

Awareness campaign

D.B.S. Degree college, Hanumanganj

Department of Veterinary Public Health and Epidemiology in collaboration with University Hospital, has organized around 12 educational campaigns on "Rabies awareness" , "Antibiotic resistance awareness" and "Swachh Doodh Utpadan".

STUDENT DEVELOPMENT PROGRAMS

The college is establishing strong linkages with nationally and internationally renowned expert institutes to boost its research activities. MoU'S have been signed with institutes namely **NRC Equines, IVRI Bareilly, Hester Biosciences, Ahemdabad, Brooke India**. For the first time college in collaboration with Brooks India has taken initiatives to train the street **Ferriary by establishing a ferriary school.**

MOU with NRC Equine **MOU with Hester biosciences**

SKILL DEVELOPMENT PROGRAMS

A. NATIONAL SEMINARS/ SYMPOSIUM

1. National Seminar on "Innovative Bio-technological Approaches for Enhancing Fertility, Health and Productivity of Livestock to Boost the Farmers Economy" organized during 17-18th December 2021

A two-days National Seminar on **"Innovative Bio- technological Approaches for Enhancing Fertility, Health and Productivity of Livestock to Boost the Farmers Economy"** and "VIII Annual Convention of the Society for Veterinary Science & Biotechnology (SVSBT)", Indore, was hosted under the aegis of ICAR-NAHEP during 17-18th December, 2021. A total of 182 delegates were registered including 82 from states other than Uttar Pradesh. A "Souvenir cum Compendium" of Lead papers and Abstracts of Contributory Research Papers" was released. The

"Young Scientist Awards" (15) and the "Best Paper Presentation Awards" (14) were conferred upon winners during the valedictory function for their outstanding performance in each, oral and poster session.

2. Webinar Organized: Challenges & Opportunities in Free Ranging & Captive Elephant Management

Date: 11th August, 2021

Distinguished guest speakers

- Dr. Bhupen Sarma, Professor and Director of Clinics, College of Veterinary Science, Assam Agriculture University, Guwahati 781022, Assam.
- Dr. S.K. Panda, Professor and Head, Deptt of Veterinary Pathology, O.U.A.T., Bhubneswar, Odhisa.
- Dr. Aditi Sharma, Senior Veterinary Ofiicer, Uttrakhand Government, Wild life expert, Department of Animal Husbandry, Uttarakhand.

B.) TRAININGS ORGANIZED

Training on Equine Health Management with emphasis on Animal Handling and Welfare from 22 to 24th March 2022

Department of Veterinary Medicine organized training on Equine health management with emphasis on Animal Handling and Welfare for 60 students in collaboration with Brooke India from 22 to 24th March 2022. Hands on training camps were organized at Nidhaitiwarika Purva Dobiyara, Arwal bazaar and village Bhakari near Arwal Bazaar where students were

taken in batches and were imparted training on equine handling, especially approaching a horse, lifting of limbs and taking all basic parameters. Master trainers Dr. Zaman, Head Animal welfare and Dr. Meraj Ahmad Team Leader Extension and Training (TLET) from Brooke India gave lectures on important diseases of equine and welfare issues related to equines.

Training to farmers on "Pashu aahar vishleshan prayogshala udhyamita vikas ka ek sakal madhyam":

Department of Animal Nutrition organised training for 30 farmers on "Pashu aahar vishleshan prayogshala Udhyamita vikas ka ek sakal madhyam" for human resource development in feed analysis under RKVY project.

Trainings for Veterinary Officers

Veterinary Clinical Complex organized two trainings for 60 veterinary officers (30 in each) on "Basic Laboratory Diagnosis" on 14-16 march and 21-23 march 2022. A training manual was released and the participants were imparted hands on training on Antibiotic sensitivity testing, collection and dispatch of samples, processing of different samples, testing of blood and milk, collection and tests in case of poisoning.

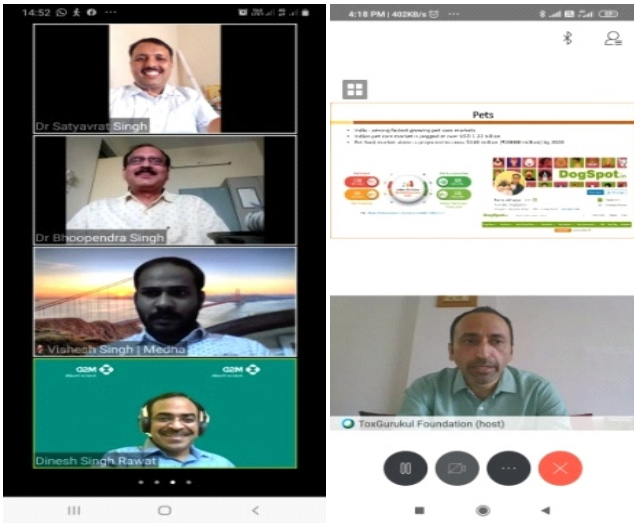
STUDENTS CORPORATE INTERACTION

The college is continuously organizing **student corporate interaction programs** through webinars in post lock down period.

1. Topic:Daily Derma

Date: 28th July, 2021at 11.00 AM

Guest Speaker : Dr Vinayak Surve, Marketing Manager, Virbac Animal Health Ltd



OTHER ACTIVITIES

Celebration of 23rd Foundation Day

The college celebrated its twenty-third foundation day scheduled on 26th March, 2022 with different programs organized from 23rd to 26th March, viz. Vets


corner, essay writing competition (English and Hindi) extempore, quiz competition, rangoli making, painting competition,. Vets fair was also organized to inculcate entrpreneurial skills. Students were given opportunity to show case their talent, overcome stage fear and perform with confidence in cultural night on 26.03.22. all the winners of different programs were felicitated with certificates.

Blood Donation Camp

Blood donation camp was also organised on 26th March, 2022 in which 35 students donated their blood the camp was inaugurated by Hon'ble Vice Chancellor. A total of 35 students donated their blood. The camp was inaugurated by Hon'ble Vice Chancellor.

Blood testing camp was organized by the University Hospital on 4th January, 2022. The camp was inaugurated by Hon'ble Vice Chancellor. The camp provided platform for free blood testing of all the university employees.

International day for women and girls in science celebrated on 11th February, 2022

International day for women and girls in science was celebrated by the College of Veterinary Science & A.H. on 11th February 2022 with **webinar on " Role of women in Agriculture sector for making India Self Reliant"**. The Guest Speaker Padma Shri Dr. Sosammalype, Former Director CAS, Animal Genetics and Breeding, Kerela pressed upon conservation of indigenous breeds and asked girl students to come forward overcoming all inhibitions. Dr. Alka Goel, Professor and Dean, College of Home Science, GBPUAT briefed about the scope of community science in building nation. An awareness Campaign was also organized at PG Girls College Dehli Bazaar to promote more and more participation of girls in science in which Dr. Namita Joshi, Dr. Satyavrat Singh, Dr. Naveen Kumar Singh and Dr. Vibha Yadav interacted with the girl students of science background, briefed them about the women who have brought laurels for country in science and urged to take science stream as their profession.

Matdata Jagrukta Abhiyaan

Matadata Jagrukta Abhiyaan was organized by all the colleges to disseminate election related information to voters and promote maximum participation in polling, sensitising the citizens about various aspects of elections such as importance of identity proof, voting rights and correct way of stamping the ballot paper. The faculty and students participated in this campaign, took to door to door campaign and insisted upon free unbiased voting. College of Veterinary Science took to the by lanes of at Barauli Jhaam on 23.02.2022 convincing all the people to participate in this National Festival of Election.

World Veterinary Day Celebrations on 24th April 2021

College of Veterinary Science and Animal Husbandry, Kumarganj, Ayodhya celebrated World Veterinary Day on 24.04.2021. The students organized an awareness drive to draw attention on welfare issues of animals. Summer caps and bags were also distributed among students by VIRBAC

pharmaceuticals. The theme of World Veterinary Day this year was **"Veterinarian's response to Covid-19 crisis"**

Meeting of Institutional Animal Ethics Committee

Meeting of Institutional Animal Ethics Committee (IAEC) was held on 29th December, 2021 and 15th March, 2022. A total of 15 research proposals were evaluated by the IAEC.

Educational tour of students to DUVASU Mathura

The first year B.V. Sc. & A.H. students visited Uttar Pradesh Pt. Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Evam Go-Anusandhan Sansathan-Mathura, U.P.


COLLEGE OF COMMUNITY SCIENCE

Community Nutrition is a unique field of knowledge. Its inter-disciplinary approach to synthesize knowledge drawn from physical and biological sciences, social sciences, arts and humanities has enriched its educational programmes. It caters to the present-day requirements of education in order to meet the rapidly changing demands of family life and the multiple roles that woman has to play in home as well as in professional life. The undergraduate and post-graduate and Ph.D courses are designed to meet the market place's challenges, demands, and changing technologies. Starting with a four year degree course in B.Sc. Community Science, it expanded its horizons in the true sense by offering a revamped undergraduate programme by gearing it towards specialization to make it more skill and career-oriented. Presently, college has five departments, namely- 1. Department of Food Science and Nutrition 2.Department of Textiles and Apparel Designing 3.Department of Family Resource Management 4. Department of Human Development and Family Studies 5. Department of Extension Education and Communication Management

Historical Background

The journey of Community Science started as Department of Home Science in College of Agriculture, A.N.D. University of Agriculture and Technology, Kumarganj, Ayodhya in 1986. The College of Community Science was established in the year 1993. The new college building was inaugurated on 19th July 2002 and the college was shifted to the same as an independent unit. On 2.2.2015, College received additional wing of the College building.

Present Status

At present college is offering B.Sc. (Hons.) Community Science , Master's and Doctorate degree in three departments namely: Food Science and Nutrition, Human Development and Family Studies, Family Resource Management and Consumer Science. The college focuses on developing skills and strengths of the students based on scientific principles and knowledge acquired for day-to-day living; promotion of analytical abilities of students towards innovative research to augment the quality of life of family,

community and industry in the changing scenario, enhancing entrepreneurial skills for professional careers.

Mode of admission for U.G. , P.G. and Ph.D in Community Science

The admission to the College is based on a combined entrance test i.e. U.P. Combined Agriculture and Technology Entrance Test (CATET). The candidates who have passed 10+2 examination with PCM, or PCB or in Arts stream with Community Science as a subject are eligible for applying to take admission to B.Sc. (Hons.) Community Science Degree. It is a four year (3+1) degree programme. The course curriculum as recommended by fifth dean committee report is followed in Undergraduate Programme since 2016. During the first three years, the students are taught Community Science, Social Science, Computer Science and Agriculture Science while, in the last year, the courses provide theoretical and practical knowledge to develop and sharpen entrepreneurial competences or skills. In the last semester of the degree programme students will have to go for Implant training/ internship/ hand on training or rural awareness work experience. A total of 6 teachers comprising three Associate Professors and three Assistant Professors form the core faculty of the College.

Degree Programmes:

The college of Community Science offers the following degree programmes for undergraduate and post graduate students.

Programmes offered with duration:

	Programmes	Duration
UG	B.Sc. (Honours) Community Science	4 years
PG	1. M. Sc. (Community Science) in Food Science and Nutrition 2. M. Sc. (Community Science) in Human Development and Family Studies 3. M. Sc. (Community Science) in Family Resource Management and Consumer Science	2 years
PhD	1. PhD (Community Science) Food Science and Nutrition 2. PhD(Community Science) in Human Development and Family Studies 3. PhD(Community Science) in Family Resource Management Consumer Science	3 years

Student's Status 2021-2022

Parameters	Numbers			
	Bachelor's	Master's	Ph.D.	Total
Intake (1st Yr)	46	10	4	60
Enrolled (1st Yr)	15	0	2	17
Passed Out	6	2	Nil	8

Projects running/Sanctioned

S.No.	Title of the project	Duration	Funding Agencies	Total Budget
1.	Establishment of Ergonomic Laboratory for Enhancing Productivity	2021-2022	RKVY	40.35 lakh
2.	Development of low cost value added products from paddy straw to minimize pollution		UP. Council of agriculture research, Lucknow.	25 Lakhs

Activities of the college

Establishment of Ergonomic Laboratory: A laboratory has been established in Department of Family Resource Management and Community Science to meet research requirements related to ergonomical problems of rural women.

Training Programme Organized : The training programmes were organized from 07.01.2022 to 18.01.2022 in the university campus, in which a total of 400 women from various villages of Ayodhya district namely: Mitaura, Gokula, Sidhauna, Chitaura, Baraipara, Sathri, Akma, Bawa, Pithla, Ratapur, Baghara and Birauli-Jhama, Baghouda, Jaraikala Akma, Bhakhari from Sultanpur district participated.

Registration

Workshop: A two-days workshop was organized from 07.03.2022 to 08.03.2022 on the topic "**Income Generation Activities**" for rural women. The purpose

of the workshop was to make them economically independent.The 83 women from Katghara, Chaudhary Pur, Chhedi ka purva, Mitaura and Gopalpur villages participated in the workshop.

Glimpses of workshop on: Income Generation

Seminar : A seminar was organized in Baraipara Village on 15.03.2022 to educate the women about proper posture & correct use of equipments so as to make their life easy and comfortable. Fifty womens from Sidhauna, Jaraikala, Baraipara, Anjrauli, Milkipur and Raipur villages participated in the seminar.

Scientist delivering lectures in the seminar:

International Day for Justice: International Day for Justice was celebrated on 20th, July 2021 in Baraipara village of Milkipur block to create awareness among rural women regarding different laws related to women.

Inauguration of Poshan Vatika by Dr. Mangla Rai Ex DG ICAR and Secretary DARE on 21.12.2021

National Nutrition week-2021: Five days training programme for Anganwadi workers on the topic "Feeding Smart Right from Start"

Recipe competition, Nutritional assessment and awareness programme on World Population on 11.6.2021

International child protection day organised on 1.7.2021 in village Lal Ka Purwa

Hurdle race, Seminar and Mahila gosthi organised on the eve of Children's day to discuss adolescents issues and gender discrimination on 18.11.2021

COLLEGE OF FISHERIES

INTRODUCTION

The College of Fisheries was started in year 2006-07 with financial assistance of State Government of Uttar Pradesh and Indian Council of Agriculture Research, New Delhi. At present this College offers Bachelor of Fisheries Science (B.F.Sc. Hons.) and M.F.Sc. M.F.Sc is being awarded in two department-Aquaculture and Fisheries Resource Management. The students are getting admission through Combined Agriculture and Technology Entrance Test (CATET). The qualification for admission in this programme is 10+2 in Science-Biology/Agriculture as their basic subjects for B.F.Sc. and B.F.Sc. is basic qualification required to take admission in M.F.Sc. degree programme with the recommendations of Vth Dean's Committee of ICAR.

Departments existing in College:

Following Departments are existing in College of Fisheries

Degree Programmes:

Sl. No.	Department
1.	Aquaculture
2.	Fisheries Resource Management
3.	Aquatic Animal Health Management
4.	Aquatic Environment Management
5.	Fish Processing Technology
6.	Fisheries Engineering
7.	Fisheries Extension, Economics and Statistics

B.F.Sc. (Bachelor of Fisheries Science)

B.F.Sc. (Bachelor of Fisheries Science) is a four year degree programme. It is practical oriented professional course in which detailed theoretical instructions and intensive practical training are imparted in the field of fisheries sciences like pisciculture, post harvest technology, canning & packaging, value addition, marine biology & fisheries economics and extension education. The recommendations of Fifth Dean's Committee of ICAR are being followed from the session 2016-17 with minimum total credit hours of 180. The students are undergoing Student READY Programme (SRP) in the fourth year of their degree programme. In the SRP, the students are being attached to various aquaculture

farms, seed production units, feed processing mills and fish processing industries at various states like Maharashtra, Gujarat, Haryana and Madhya Pradesh to learn the intricacies of industries.

Master of Fisheries Science (M.F.Sc.)

Master of Fisheries Science (M.F.Sc.) is a two year degree programme and the students are offered as per Broad Subject Matter Area Committees (BSMA). The College offers masters in Aquaculture and Fisheries Resource Management. The students have to perform a research work during the course of degree program and their thesis is to be submitted under their advisor in their respective fields. During 2022 four students were awarded M.F.Sc degree three in aquaculture and One in Fisheries resource Management.

Infrastructure:

The College building has four undergraduate class rooms and seven post-graduate class rooms along with one examination hall, one committee room, two central laboratories, six research laboratories, one ornamental fish breeding unit and two wet laboratories. A Computer Lab has been also established in the college for teachers and students. The college also has an Information Centre with fish specimens, models of fishing crafts, gear, aquatic, model RAS system and samples of fish products, by-products and feed ingredients. Recently two laboratories have been upgraded and equipped with chemicals and new equipments. The college has a well managed library containing latest books, magazines and manuals published in fisheries and aquaculture. The College is also having a small equipped live ornamental fish unit where students construct and learn about the ornamental fish culture and aquarium management.

Instructional fish farm facilities:

The total area available for instructional fish farm is 6.0 ha. A hatchery and cemented tanks constructed under mega seed project are also available at the instructional farm. The facility of ponds is used to rear and culture fish seed and for practical and commercial seed production purpose. At instructional fish farm earthen pond have also been constructed to store the waste water from hostels and dairy farm and after proper treatment this water from oxidation pond is

View of Fish cum Paddy culture unit and Makhana Based fish farming unit

being reused for fish culture. A trial unit of Paddy cum Fish culture and Paddy cum Vegetable cum Fish culture units and Makhana based fish farming unit is also working besides carp polyculture. One Amrit Sarovar is also constracted at Instructional Fish Farm (IFF) for the collection of rain water to recharge the ground water level and also used for fish rearing also. The fishes of fish farm are used for different practical and breeding purposes for students. Rest of fish are available for selling time to time.

Student Strength:

The students are the jewels in the crown of a college and the intake in B.F.Sc. is twenty six (26) and four (4) in M.F.Sc., three in Department of Aquaculture and Fisheries Resource Management. The total number of students in the college in the present academic year is 74 including M.F.Sc. students, excluding B.F.Sc. Ist year.

Student Ready Programme:

In Student Ready Programme (SRP), the students are attached to various aquaculture farms, seed production, feed processing and fish processing industries at various states like Maharashtra, Gujarat, Hariyana and Madhya Pradesh to learn the intricacies of Industries. The students gain practical experience and become more confident in the concern field of training.

After industry attachment programme students will be engaged in rural fisheries work experience

Amrit Sarovar, inaugurated by Hon'ble Minister of Agriculture Sri Surya Pratap Shahi Ji and Hon'ble Vice Chancellor Dr. Bijendra Singh Ji

programme for better extension exposure of fish culture. Further, the students will be taken to different institutes and industries in and out of state. The students prepare report of their work and visits. They also present their work through power point presentation. The teachers evaluate the work with Dean and Dean's nominee.

Experimental units

24 ponds (10X10 m) have constructed at fish farm so that student's research work in the department of Fishery resource management and Aquaculture may be conducted successfully.

Student's Development:

Since the new students take admission in University they are introduced to various rules and regulations and semester system through orientation programme. The students are also advised to participate in social, cultural, extra-curricular and sports activities during their studies. A brief of these activities are as follows:

a. Involvement in Social Programme

The college faculties and students are actively involved in various social programmes. As per state government's out reach programme, College of Fisheries celebrated national women's day on 13th February, 2022 and National Freindship Day 2022 to make aware the rural women and healthy village environment and plantation were also done at adopted village Gadoli, Ayodhya on 07/08/2022. Team members from College of Fisheries and veterinary also organized awareness programme specially for women and villagers regarding their role and socio-economic

Celebration of Azadi Ka Amrit Mahotsva and National Fish Farmers Day

upliftment opportunities.The national falg distribution programme was also organized on the occasion of Azadi ka Amrit Mahotsava. All the staff member , studetns participated in the above progrmammes.

Awareness programme for voters during general election of U.P. Assembly

Campaign for awareness among voters prior to general Assembly Election-2022 to enhance the voting percentage was driven by the students and College faculties in village Isholibhari, Kumarganj, Ayodhya at outreach of the University.

As per the State Government mandate the College of Fisheries, Dean and faculties arranged a programme for the distribution of tablet to the student of College of Fisheries for their bright future.

The cleanliness campaign was also driven to maintain green and clean environment in the campus of college as well as University. Students of Fisheries College participated in the cleanliness programme.

Cleanliness programme at college of Fisheries

b. Involvement in Cultural Activities

The College of Fisheries students participated in various cultural activities such as essay competition, debate and also celebrated World Environment Day, Hindi Diwas and Plantation programme in the College and University. To encourage the student's certificates were also distributed to the winners.

c. Sports and Extra Curricular Activities

The students of the College actively participated in different events like welcome and farewell parties, and important national festivals- Republic Day, Mahatma Gandhi Jyanti, Narendra Deva Jayanti and Independence Day and also these students begged many accolades in different college and university level cultural and literary competitions like Elocution, Painting, Rangoli, Extempore, Poster, Seven slides and Quizzes.

Placements:

A total of 17 students were passed out in year 2022. Out of 17, four students are persuing higher studies and others are engaged in competitive examination. Among college alumni Dr. Sanjeev Kumar, Dr. Shashank Singh, Mr. Hariom Verma and Mr. Pradeep Maurya selected as SMS in KVKs of this University and one alumnus Dr. Jag Pal has been selected as SMS in KVK of RPCU, Bihar and our two Alumnus Dr. Jayoti Saroj and Dr. Narendra Verma have been selected as Asstt. Professor in Birsa Agriculture Uninversity.While Dr. Munish Kumar, Mr. Deepansu and Mr. Rahul Pal have been selected as Assistant Director Fisheries, Government of U.P. The students which have been passed out are working in different sectors like corporate, banks as Specialist Officers, private companies, executives, farm managers, JRFs, SRFs, Teaching Associates, Guest Faculty and Fisheries officers. In other versatile sectors some students have been giving their services as Teachers, Assistant Professors, SMSs and other reputed organizations. Some students are also enhancing their entrepreneurship skills in fish and shrimp farming practices.

FACULTY ACHIEVEMENTS:

Awards:

Environmental Protection Research Award-2021, In the field of Fisheries Dr. Dinesh Kumar received award from – Scientific Educational Research Society, Meerut (U.P.) India, In 5th International Conference on Innovative Approaches in Applied Sciences and Technologies at Babasaheb Bhimrao Ambedker University, Lucknow (U.P.)- 3-5 December 2021.

RESEARCH

Project running

- A project funded by UPCAR Lucknow "Development of suitable module to harvest the optimum potential of fish production in sodic soil

of Uttar Pradesh" is being run currently.

- A project for fish farm strengthening and modernization is also going on under R.KVY Scheme.

EXTRA CURRICULAR ACTIVITIES

Since co-curricular activities play an important role in overall growth of a student, various literary and cultural activities are organized year long in the College. An online orientation programme was organized for the first year students of Batch 2021-22 by the college. On the occasion of Agriculture Education Day an online debate and painting competition was organized by the Fisheries Committee. A training was organized for the fish farmers of the nearby areas on the occasion of World Fisheries Day, 2021. Along with these, Fresher's Farewell parties and Swachha Bharat Abhiyan are also organized in the college. Scientists of the college participate actively in Kisan mela, Kisan gosthi, Farmer – Scientist interaction meets, Kisan call centers, Krishak help line services, TV& radio talks.

MAHAMAYA COLLEGE OF AGRICULTURAL ENGINEERING & TECHNOLOGY, AMBEDKAR NAGAR

The Mahamaya College of Agricultural Engineering and Technology (MCAET), Ambedkar Nagar is located about 52 km away from Ayodhya on Ayodhya-Ambedkar Nagar National highway (NH 30) near "Shiv Baba" a religious place. The campus comprises the college buildings, boys' hostels, girls' hostel, guest house and residential buildings for faculty members and support-staff. The undergraduate teaching Programme includes B.Tech. in Agricultural Engineering, Mechanical Engineering, and Computer Science & Engineering. The post graduate teaching program is offered in M. Tech. Agriculture Engineering in Soil and Water Conservation Engineering, Farm Machinery and Power Engineering, Processing and Food Engineering and Irrigation and Drainage Engineering.

Teaching:

1. Number of Students in 2021-22

Undergraduate Programmes					
Stream/Year	**First Year**	**Second Year**	**Third Year**	**Fourth Year**	**Total**
B. Tech (Agricultural Engineering)	26	22	23	20	91
B. Tech (Mechanical Engineering)	00	00	04	09	13
B. Tech (Computer Science & Engineering)	00	00	07	07	14

Postgraduate Programmes			
M. Tech Agriculture Engineering	**First Year**	**Second Year**	**Total**
Soil and water Conservation Engineering	01	01	02
Farm Machinery and Power Engineering	01	00	01
Processing and Food Engineering	02	00	02
Irrigation and Drainage Engineering	00	00	00

2. Orientation of Freshers: Newly admitted UG and PG students were welcomed to the college and introduced to the faculty members and staff.They were acquainted well with rules and regulations of the college/University just after completion of their registration. A fresher's party was organized

by senior students to welcome the newly admitted students.

3. Courses Offered: In UG Programme, total 54 courses with 177 Credit hours in 1st Semester and 54 Courses with 160 Credit hours in 2nd Semester were offered for Session 2021-22. For PG Programme24 courses with 70 credit hours were offered in 1st Semester and 13 courses with 50 credit hours were offered in 2nd Semester for Session 2021-22. The classes were regularly conducted as per University norms. (Refer to Annexures-1,2 & 3)

4. Engagement of Guest Faculty: Total of 09 Guest Faculty comprising 02in Mechanical Engineering, 01 in Computer Science & Engineering, 01 in Electrical and Electronics Engineering, 01 in Chemistry and 01 in Mathematics and 01 in Civil Engineering , 01 in English, 01 in Physics were engaged for teaching in 1st Semester as well as 11 Guest Faculty comprising 01 in Agriculture Engineering and an additional 01 faculty in Computer Science & Engineering were engaged in 2nd Semester, Session 2021-22. Besides, some other courses like Soil Science, Agronomy, and Horticulture were taught by the faculty available from Main Campus, Kumarganj.

5. Project Report: Students of final year B. Tech. (Agricultural Engineering/Mechanical Engineering/Computer Science & Engineering) submitted the project reports followed by Power Point Presentation and Viva-Voce. M. Tech. theses were submitted and theses seminars and viva-voce were conducted for PG students. (Refer to Annexure-4)

6. READY Program:

S. No.	Program	CoursesNo.	CourseTitle	Year	Credit Hours
1	B.Tech. AE	READY-311	Skill Development Training-I	3rd	5(0+5)
		READY-411	10 Weeks Industrial Attachment/Internship (Student-READY)	4th	10(0+10)
		READY-412	10 Weeks Experiential Learning on campus (Student-READY)	4th	10(0+10)
		READY-413	READY Skill Development Training-II (RSDT-II)	4th	05(0+5)
		ET-411	Educational Tour	4th	2 (0+2)
		READY-421	Project Planning and Report Writing	4th	10(0+10)
2	B.Tech. ME	TME-324	Practical Training	3rd	30Days
		TME-415(A)	Project-(A)	4th	2 (0+2)
		TME-415(B)	Project-(B)	4th	4 (0+4)
3	B.Tech. CSE	TCP-328	Practical Training	3rd	30Days
		TCP-415(A)	Project-(A)	4th	2 (0+2)
		TCP-415(B)	Project-(B)	4th	4 (0+4)
Total Credit Hrs.					**54(0+54)**

7. **Convocation:** The 23rd convocation was held on 20th December, 2021 and out of a total of 19 students, 14 students were awarded degree of B.Tech. in Agricultural Engineering,3 students were awarded degree of B.Tech. in Mechanical Engineering and 2 students were awarded degree of B.Tech. in Computer Science & Engineering.

8. **Scholarship:** The students of our college avail their scholarship from Samaj Kalyan Vibhag (UP Government) and ICAR New Delhi.

9. **Hostel Accommodation:** All the students from various streams were provided residence in the campus itself. Out of 123 total students; 108 boys were accommodated in Boys' hostel and 15 girls were accommodated in Girls' Hostel available in the campus. Anti-Ragging squads were constituted at Campus level to prevent any kind of ragging practices in the campus.

10. **Library services:** Library is well equipped with 3424 books and 39 Book Shelves to store books.Several newspapers,magazines,and periodicals have also been subscribed for the benefit of students.

11. **Students Performance in National Examinations:**

Sr. No.	Name of Examination	Number of Students qualified
1	ICAR JRF	05
2	GATE	03
3	Govt. Sector	04

12. **Placement:** A number of students have been placed in various reputed organization like Banks (PSUs), Tractor Company and Irrigation Equipment Manufacturing Company, Ordinance Factory and Software Companies etc. Further, a number of students have also gone for higher education like M.Tech Programmes in reputed Institutions all over India. The details of placement are given below:-

Placement of Student during (2021-22)

S.No.	Name of Student	Nature of Placement	Sector
1	Padam Kant Dubey	Off campus	Government
2	Anand Mishra	Off campus	Government
3	Sudhakar Bharti	Off campus	Review officer UP Sachivalaya
4	Rahul Baghel	Off campus	Government
5	AryanYadav	Off campus	Private
6	Shivansh Srivastava	Off campus	Private
7	Supriya Pandey	Off campus	Private
8	Vivek Singh	Off campus	Private
9	ShivamVerma	Off campus	Private
10	Munish Kumar	Off campus	Government
11	Lalit Kumar	Off campus	Private
12	Dharmendra Pratap Gautam	Off campus	E-Krishi Mahindra Ltd

13. **Games and Sports:** Students play Cricket and Volley Ball at college level in available facility. In this academic session, students of MCAET Ambedkarnagar also participated in various sports at university level at the annual sports meet and won laurels for the college. (Refer to Annexure-6)

14. **Manual:** The following laboratory/ Teaching manual were prepared during 2021-22.

S. No.	Particular	Prepared by
1.	Lab manual on Surveying and Leveling	Er. Seema
2.	Lab manual on Engineering Mechanics	
3.	Lab manual on Fluid Mechanics	
4.	Lab manual on Design of structure	
5.	Lab manual on Soil Mechanics	
6.	La Lab manual on b manual Data Structure	Er. Ritika Yaduvanshi
7.	Lab manual on State of The Art Computer	
8.	Lab manual on System Programming	
9.	Programming Languages	Er. Ritika Yaduvanshi
10.	Introduction to Computer and Programming	
11.	Discrete Structures	
12.	Lab Manual on Microprocessor Based Systems	Er. Shikha Choudhary

15. **Research:**

Sr. No.	Particular	Number
1	Research Article	13
2	Abstract Seminar/Conference	03

STUDENTS AMENITIES

STUDENT'S PROFILE

The total strength of the students on roll in the university is around two thousands. Hostel facilities is provided to all the students in the main and away campus. A Dean Students Welfare looks after the interest of the students. The University provides all encouragement to the students for personality development, sports, cultural programme, competitive exams. Students are doing excellently in studies and extracurricular activites.

Students Status in University in all Constituent Colleges ,Year 2021-22

S. No.	Name of College	Parameters	Number of students			
			Bachelor's	Master's	Ph.D	Total
1	College of Agriculture (main Campus & Azamgarh)	Intake Ist yr	215	252	68	**535**
		Enrolled (Ist Yr)	204	170	35	**409**
2	College of Horticulture & Forestry	Intake Ist yr	72	34	16	**122**
		Enrolled (Ist Yr)	64	34	15	**113**
3	College of Community Science	Intake Ist yr	41	9	3	**53**
		Enrolled (Ist Yr)	17	-	2	**19**
4	College of Fisheries	Intake Ist yr	31	4	-	**35**
		Enrolled (Ist Yr)	22	3	-	**25**
5	College of Veterinary Science & Animal Husbandry	Intake Ist yr	80	54	27	**161**
		Enrolled (Ist Yr)	77	13	5	**95**
6	College of Agricultural Engineering & Technology	Intake Ist yr	60	8	8	**76**
		Enrolled (Ist Yr)	29	5	5	**39**

Category wise number of students in the university enrolled in the year 2021-22

Degree programme	Number of students in different categories						
	SC	ST	OBC	EWS	General	Foreigner	Total
Bachelors	91	9	179	46	93	-	418
Master's	46	6	89	27	58	-	226
Ph.D	9	-	21	3	19	4	56
	146	15	289	76	170	4	700

Convocation Held

23rd Convocation of the University was held on 16th December 2021. On this Occasion, Dr Mangla Rai, Ex Director, DARES and DG (ICAR) was the Chief guest. Hon'ble Governor and the Chancellor of the University Smt. Anandiben Patel awarded a total of 498 degrees comprising of 291 Under Graduates, 156 Post Graduates and 51 Ph.D students. Out of 498, 87.95% were boys and 12.05 % girls.

Gender Pattern amongst students Enrolled in the University

S. no.	Name of College	Sex	Total numbers students including 1st, 2nd, 3rd, 4th, 5th, 6th year) as applicable			
			Bachelor's	Master's	Ph.D	Total
1	College of Agriculture (main Campus & Azamgarh)	Male	637	239	79	955
		Female	104	67	20	191
		Total	741	306	99	1146
2	College of Horticulture & Forestry	Male	249	108	40	397
		Female	21	27	4	449
		Total	270	135	44	449

S. No.	Name of College	Sex	Total numbers students including 1st, 2nd, 3rd, 4th, 5th, 6th year) as applicable			
			Bachelor's	Master's	Ph.D	Total
3	College of Community Science	Male	-	-	-	-
		Female	54	3	7	64
		Total	54	3	7	64
4	College of Fisheries	Male	72	10	-	82
		Female	12	0	-	12
		Total	84	10	-	94
5	College of Veterinary Science & Animal Husbandry	Male	221	12	09	242
		Female	54	01	0	55
		Total	275	13	09	297
6	College of Agricultural Engineering & Technology	Male	102	5	-	107
		Female	16	0	-	16
		Total	118	5	-	123

Medals awarded to students during 23rd Convocation

S. No.	Particulars	Numbers
1	Chancellor's Medal	**7**
2	Vice-Chancellor's Medal	**11**
3	University Gold medal	**7**
4	Total Gold medal	**25**
5	Number of girls	**15**
6	Number of boys	**10**
7	Percentage of girls winning gold medal	**60%**
8	Percentage of boys winning gold medal	**40%**

DIRECTORATE OF RESEARCH

The Directorate of Research with its headquarter at Kumarganj (Ayodhya) governs the research activities in 26 districts belonging to seven revenue divisions viz;Ayodhya, Basti, Devipatan, Gorakhpur, Varanasi, Azamgarh and Vindhyachal Dham of eastern U.P. under three agro-climatic zones i.e., North Eastern Plain Zone (NEPZ), Eastern Plain Zone (EPZ) and Vindhyan Zone (VZ). The university has seven research stations in different agro-climatic zones under its jurisdiction. The research stations are NDUAT Main Campus Kumarganj, (Ayodhya), Crop Research Station (CRS), Masodha, (Ayodhya), Zonal Agricultural Research Station (ZARS), Basuli, (Mahrajganj) , Zonal Agricultural Research Sub-Station (ZARSS) , Baribagh (Ghazipur), CRS, Bahraich , CRS, Ghaghraghat (Bahraich) and ZARS , Tisuhi (Mirzapur).

Research Projects :

Based on the vocational specific problems affecting productivity and farmers needs, the research programmes are formulated by the scientists concerned. At present **54 research projects/schemes**, financed by various national and international agencies, are in operation in the university.

Varietal Improvement :

The major research thrust in crop production has been to develop high yielding varieties of all important crops resistant to biotic and abiotic stresses. As a result, the university released **192 varieties** at central/state level by central/ state Varietal Release Committee (CVRC/ SVRC) and the rest have been identified for release.

Varieties Release :

1. Rice (NDR-702)

Crop: Rice	**Name of the culture: NDGR-702 (IET-25882) (NDGR207/IR49906-B-B-B-10-GHT-1)**
Ecology Deep water ecology of Uttar Pradesh (70-120 cm water depth) **Characteristics** • Long bold red kernel grain • Flowering duration 115 days • Moderate tillering • Good elongation • Kneeing ability with submergence tolerance • Average grain yield 35-40 q/ha • Quality-wise: 67.9% (HRR), amylose content (23.4%), hulling recovery (79.8%) and milling recovery (70.5%) • Moderately resistance to Neck Blast and Stem Borer	 **Standing crop in deep water**

2. Wheat (NW-6046)

Characteristics	**Name of Crop - Wheat**
Pedigree : GAA/KWA/GAA/BL. 1887 **Notification No.- IC-644676 ; Year :** 2021 **Key Breeder** : Dr. Vinod Singh, Dr. S.P. Singh, Dr. R.B. Singh, Mr. K.P. Singh, Mr. Vinay Singh **Character :** Timely sown, Plant height 97 cm, medium maturity (125 -127 days), ear colour at maturity is white, resistant to all three type of rust, highly resistant to shattering, Yield21-22 q/ha	

3. Wheat NW-7008 (SVRC)

Characteristics	
Notificatiun No. : IC-645943; Year : 2022 1. Timely sown] Rainfed and restricted irrigation condition for Eastern and Western U.P. 2. Plant Height – 95 cm 3. Average Yield : 23.05 q/ha. 4. Duration : 125-130 days **Resistance to all three rust, lodging and shattering.**	

4. Narendra Chana-1

Characteristics	Crop - Chickpea (NDG-14-11)
➢ Desi bold seeded type(25.9g/100 seed) variety for timely sown condition. ➢ Duration:-135 -14 days. ➢ Yield -25-30q/ ha. ➢ Multiple resistant to dry root rot and Aschochyta blight. ➢ Moderately resistant against to pod borer.	

5-Narendra Matar-1

Characteristics	Crop - Narendra Matar 1 (NDP2014-4)
1.Creamy white large seeded 2. Medium tall (68cm) type. 3.Duration:-115-118 days. 4.Yield -20-25q/ ha. 5.Resistant to powdery mildew and tolerant to rust.	

6. Narendra Bael-8

Characteristics
• Fruit yield (kg)/plant is 108.89kg, fruit weight 1.23 kg, fruit • Fsize 22.33 cm x 21.45 cm, shell thickness 2.21 mm • Total number of seed 109-130, locules arrangement-scattered, seed cavity 11-13 • Mucilage very less, TSS pulp 38.770B, acidity(0.36%) and vitamin C 19.91 mg/100g pulp, • Pulp colour-pale yellow, pulp taste-sweet




7. Narendra Bael-11

Characteristics

- Fruit shape- elliptical, fruit yield/plant is 99.60 kg, fruit weight 1.87-2.00 kg
- Fruit size 26.00 cm x 24.68 cm, shell thickness 2.58 mm, total number of seed 130 -140, locules in cross section 13-14
- Pulp colour- whitish yellow,TSS pulp 33.98(0Brix), acidity (0.36%)
- Vitamin C 35.15 mg / 100 g pulp were recorded.

8. Bottle Gourd Hybrid (NDBGH-14-10)

Characteristics

- This hybrid is bears attractive cylindrical, light green colour fruit with good palatability and tolerant to major diseases.
- Its yield potential is 728 q/ha and average yield is 539q/ha.

Fig- Bottle Gourd Hybrid (NDBGH-14-10)

9. Narendra Suyog (NDB white-1)

Characteristics

Season- *Kharif* and *Rabi*

Recommended for Zone- Zone-III (Barapani, Port Blair and Nagaland) and IV (Punjab, UP, Bihar and Jharkhand)

Features- MediumLong fruit shape

Average Yield -380

Potential Yield-548 q/ha

SEED PRODUCTION:

Breeder, Foundation and Certified Seed Production during *Kharif* 2021

S. N.	Crop/ Variety	Production (q)				Total Production (q)
	Rice	**B/S**	**F/S**	**C/S**	**TL/S**	
1.	BPT-5204	333.60	4008.90	-	-	4342.50
2.	Sarju-52	160.40	185.40	-	-	345.80
3.	NDR-2065	76.00	289.20	-	-	365.20
4.	NDR-2064	30.00	251.16	-	-	281.16
5.	Sambha Sab-1	38.00	923.40	-	-	961.40
6.	NDR-359	87.00	-	-	-	87.00
7.	NDR-97	28.00	-	-	-	28.00
8.	MTU-7029	-	-	1417.93	10.00	1427.93
9.	Kala Namak(KN-3)	-	15.60	-	18.00	33.60
10.	Rajendra Bhagaiti	-	6.30	-	-	6.30
	Total	**753.00**	**5679.96**	**1417.93**	**28.00**	**7878.89**
	Mungbean					
1	NDM-1	1.32	-	-	-	1.32
2	Shikha	-	-	-	2.94	2.94
	Total	**1.32**	**-**	**-**	**2.94**	4.14
	Urdbean					
1	IPU2-43	-	1.40	-	2.64	4.04
	Pigeonpea					
1	NDA-2	4.25	11.40	56.00	9.40	81.05
	Grand Total	**758.57**	**5692.76**	**1473.93**	**42.98**	**7968.12**

Breeder, Foundation and Certified Seed Production during *Rabi* 2021- 22

S. N.	Crop/Variety	Production (q.)				Total Production (q)
1	**Wheat**	**B/S**	**F/S**	**C/S**	**T/F**	
	HD -2967	131.00	1970.07	-	-	2101.07
	DBW- 187	-	871.92	-	-	871.92
	HD -3086	-	120.50	105.30	-	225.80
	CBW- 38	-	-	50.00	-	50.00
	NW -5054	25.00	-	-	-	25.00
	HD- 3271	-	201.30	169.52	3.68	374.50
	HD -3249	-	-	-	3.88	3.88
	Total	**156.00**	**3163.79**	**324.82**	**7.56**	**3652.17**
2	**Rai**					
	Pitambari	8.00	39.13	-	-	47.13
	NDR- 8501	-	44.25	-	-	44.25
	RHH-275	-	21.50	-	-	21.50
	Total	**8.00**	**104.88**	**-**	**-**	**112.88**
3	**Chickpea**					
	RVG-202	-	17.21	120.60	-	137.81
	Total	-	**17.21**	**120.60**		**137.81**
4	**Lentil**					
	KL-9-3	-	13.28	48.60	-	61.88
	Total	**-**	**13.28**	**48.60**	**-**	**61.88**
	Grant Total	**164.00**	**3299.16**	**494.02**	**7.56**	**3964.74**

Location Specific Production Technology:

- On the basis of 3 years pooled data, Oat variety RO-19 with three cut + nitrogen application 40% basal + 30% at 1st cut + 30% at 2nd cut recorded maximum GFY (751.00), DFY (131.63), CPY (12.88), Gross return (115328), Net return (84180), B: C ratio (3.70), growth and quality parameters
- The deep water rice variety NDGR 706 (IET 26741) a derivative of cross(Pankaj x Jalnidhi) and entry NDGR 709 (IET 28319) a derivative of cross (NDGR207 x IR49906-B-B-B-10-GHT-2) developed by the Centre has been found most promising. The entries are in third year of testing in AICRIP deep water experiment in kharif 2021 to confirm the results and its wider adoptability
- Multi use of water by either renovating old ponds or constructing new ponds in the areas where water may be available either through canal and rains for pisi culture and on bunds of pond banana, vegetables and fuel trees may be grown. In such pond areas command integrated farming system including pisiculture, duckery and cropping system should be adopted by farmers to achieve more net profit as compared to cropping system of rice-wheat+rai.
- Improved water management practices in rice (7cm water, 1-3 days after disappearance of ponded water applied with check basins of 10x10m) should be practiced in place of continuous ponding of water through plot to plot or field to field wild irrigation method.
- Improved water management practices in wheat (6cm water, at CRI, late jointing and milking stages by check basin of 10x5m) should be practiced in place of heavy irrigation through plot to plot or field to field, wild irrigation method.
- Pigeon pea grown on raised bed in paired rows at 50cm spacing intercropped either with 5 rows of short duration rice (NDR -97) in sunken beds or 3 rows of urd (blackgram) on raised beds should be practiced by the farmers of canal command at tail end during kharif season for getting more profits.
- The integrated farming system with multiple use of water (such as pisiculture and duckery) was more profitable as compared to the conventional cropping system. The highest benefit cost ratio of 2.40 was observed in integrated farming system as compared to Rice – Wheat + Rai system (B:C - 1.60). The farmers of ORP area are very much convinced with this system.
- The water of Sharda Shayak Command has the more silt load and it resulted in accumulation of more silt in the field of farmers at head section of distributory as compared to middle and tail ends. It was also observed in long term experiments that physical properties of soil were also deteriorated such as texture and salinity.
- Pigeon pea grown on raised bed in paired rows at 50cm spacing where intercropped with 3 rows of urd (100 cm) on raised beds was found more productive and remunerative system under poor availability of canal water at tail end of minor in kharif season.
- Intercropping of gram + mustard (4:2) was found more economical in rabi season under poor availability of canal water.
- Maximum grain yield of wheat was realized when crop was sown with bed planting and fertilized with 125% of recommended dose of N (125 kg ha^{-1}) under the schedule of 4cm irrigation at 1.0 IW/CPE ratio at all the five critical stages. Highest WEE was computed with 4cm water at 0.8 IW/CPE at CRI, late jointing and milking stages.
- Rice-potato-okra and maize-potato-okra were found most remunerative cropping systems under head and tail end of distributory, respectively. Okra crop is sown in summer needs more irrigation. It was also observed that okra should be sown on raised beds and 5-6 cm water should be given at 7 days interval after first irrigation (at 20 DAS).
- Application of 75% recommended dose of fertilizers (NPK) + 25% N through bio-compost was found suitable with five irrigations at critical stages in case of wheat.
- Sowing of green gram on raised beds in paired rows along with furrow irrigation at 1.0 IW/CPE or irrigation at 10 days interval is recommended.
- Drip irrigation @ 80% wetted surface with 75% N was found suitable for irrigation in Aonla orchard.
- Drip irrigation @ 80% of PE with 100% N was found suitable for sugarcane crop production being high yielding and more remunerative irrigation system.
- Drip irrigation @ 80% of PE with 100% N was found more suitable for Marigold as it gave higher production of marigold flower and also found more remunerative.

- 7cm irrigation at 3 DADPW before P.I. and at 1 DADPW from PI to milking stage of scented rice with 75% RDF + 25% N through bio-compost has been found high yielding and more remunerative for production of scented rice.
- Drip irrigation @ 80% of PE every third day under rice straw mulch (5 t/ha) has been found high yielding and most remunerative irrigation system for zaid cowpea.
- 15-25 October has been found optimum period for planting of rabi maize with 1.0 IW/CPE moisture regime for getting its maximum production and higher net return.
- Irrigation level 0.8 IW/CPE with integrated nutrient supply system (75% RDF + 25% N through bio compost) has been found most suitable for getting higher production and economic return from broccoli.
- Wheat crop should be sown latest by 25th December and irrigated at 1.0 IW/CPE schedule for high production of wheat under late sown condition.
- Irrigation schedule 7cm water at 4 DADPW has been found high yielding and economical for drum seeded rice under puddled soil.
- Irrigation schedule 1.0 IW/CPE with raised bed paired row planting of mentha on 70cm beds and 20cm furrow has been found high oil yielding and economical for mentha cultivation.
- Fertigation @ 60% of PE with 100% nitrogen application every 3rd day has been found high yielding, efficient and economical viable irrigation system for tomato crop production.
- Fertigation @ 80% of PE with 100% nitrogen every 3rd day has also been found high yielding and most remunerative irrigation system for zaid okra.
- Conjunctive use of canal and ground water (2:1) with 6cm irrigation at critical stages (CRI, late jointing and milking stages) in check basin (5x10m^2) in wheat crop has been found high yielding (33.59%) and water efficient (48.43%) and more remunerative with benefit cost ratio of 2.31.
- As per paddy-mustard based sequence, significantly higher grain yieldofpaddyvariety Sarjoo-52 (2.27 t ha^{-1}) was found under *Dalbergiasissoo*andmustard variety Varuna (1.06 t ha^{-1}) have been achieved under *Casuarinaequisetifolia*basedagri-silviculture system.
- The maximum urdgrain yield in varietyNarendra Urd-1 (0.47 t ha^{-1}) which found significantly superior over other varieties of urd under *Dalbergiasissoo*basedagri-silviculture system.
- As per organic fertilizers based experimentation, the maximum grain yield of paddy var.Sarjoo-52 (2.21 t ha^{-1}) has been obtained with the application of FYM 10 t ha^{-1}under *C. equisetifolia*, while higher grain yield of wheat var.NW-5054(2.18 t ha^{-1}) was also recorded by the application of same treatments *i.e.* 10 t ha^{-1} FYM undersame system i.e. *C. equisetifolia* based agri-silviculture system.
- Significantly higher turmeric rhizome yield (7.05 t ha^{-1}yr^{-1}) has been obtained due to application of 50% recommended dose of NPK (120:80:80 kg ha^{-1}) + 50% FYM dose (recommended dose 20 t ha^{-1}) as compared to other treatments under agri-silvi-horti system.
- In the *Dalbergiasissoo* based silvi-pastoral system, the maximum annual green fodder yield was found for *Pennisetumpurpureum* (43.62 ha^{-1}), followed by *Panicum maximum* (31.11 t ha^{-1}) and *Brachiaramutica* (26.31 ha^{-1}).
- Under *Eucalyptus* based agroforestry system for Indo-gangetic plains, the maximum plant growth with tree height (9.16 m) and dbh (12.23 cm) were recorded for T_1 treatment (Moong-Wheat) as compared to other treatments. (2) Achievements of the provenances/varieties/genotypes established from different places:
- Under tree improvement project of shisham, from growth performance, PS-52 showed highest plant height (2.90 m) followed by PS-54 (2.41m) and L-1 (2.38 m). Higher dbh (7.28 cm) also recorded in same clone PS-52. The maximum number of branches (26) counted in PS-52 and L-1 (26). The higher crown spread (82.30 cm) was measured in PS-52 followed by PS-20 (73.25 cm).
- Under *Eucalyptus* based agroforestry system for Indo-gangetic plains, from plant growth performance, amongst 5 treatments including control (open area), the maximum tree height (9.16 m anddbh (12.23 cm) were recorded T_1 treatment (Moong-Wheat). The maximum number of branches (48) recorded in T_1 (Moong-Wheat) and crown spread (2.43m) in T_3-Urd-Wheat.The highermoong grain yield (0.51 t ha^{-1}) as kharifintercrop was obtained in T_1 (Moong-Wheat) treatment as compared to T_3-Moong-Mustard (0.37 t ha^{-1}) under system, while in open

area higher Moong yield (0.58 t ha^{-1}) was obtained as compared to system in T_1 treatment. The higher wheat grain yield as rabiintercrop (1.97 t ha^{-1}) was recorded in T_1 treatment in Urd-Wheat (T_3) under system, while in open area comparatively higher grain yield of Wheat (2.53 t ha^{-1}) was observed in the T_1 treatment.

Irrigation Water Management

Students with ELP instructor during the ELP programme at Student Instructional Farm

The water expense efficiency (WEE) was also found to be highest 6.42 kg/ha.mm at head section followed by middle and tail section at which it was 6.03 and 5.97 kg/ha.mm under improved water management practice respectively. The water expense efficiency was quite low in case of farmers practice in which it was 3.51, 3.43 and 3.31 kg/ha.mm at head, middle and tail section of the distributory respectively.

Moisture regime 6cm water at 4 DADPW with chemical weeding (Bispyribac sodium 10% SC @ 200 ml/ha; post emergence at 30 DAS) may be recommended for higher yield of rice 50.20 q/ha with net benefit of Rs.57770.00 per hectare in drum seeded rice.

Paddy crop grown under different moisture regimes and weed control practices in drum seeded rice

Crop yield and their equivalent yield in term of wheat are given in Table 1.4.1. The results invesaged that the equivalent wheat yield under intercropping of mustard with gram was found to be highest 46.99 q/ha followed by pure stand of gram and intercropping of mustard with lentil in which the equivalent wheat yield was 42.65 and 42.22 q/ha respectively. The economcis of different cropping systems given in Table 1.4.2

Wheat crop raised at farmer's field under improved water management practice in Canal Command

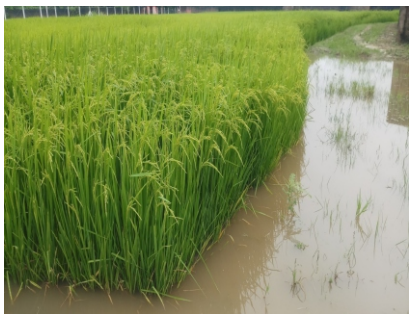
clearly indicated that the intercropping of mustard with gam accrued the maximum net return of Rs. 66140.00 per hectare with highest benefit cost ratio of 3.59 followed by sole gram crop and intercropping of mustard with lentil which accrued the net benefit of Rs. 57660.00 and Rs. 56820.00 per hectare with benefit cost ratio of 3.26 and 3.23 respectivelty.

Intercropping of mustard with gram at tail end of distributor

Intercropping of mustard with wheat at tail end of distributor

AICRP Breeding Trials view of Maize During 2021-22 at CRS, Bahraich

Narendra Chana-1



Rice Crop after Chickpea

QRT Meeting of AICRP Pulses 16-17 December 2021 at BAU, Ranchi

2. AICRP on Wheat & Barley Improvement :

a. Research Achievements:

Research Contribution in Wheat Network Project during the year 2021-22:

Following contribution were made by way of working in AICW& BIP/ Wheat Network Program.

1. Thirty one promising entries of wheat were developed from ANDUAT, Ayodhya centre contributed for constitution of different NIVT[s], IPPSN, & SVT coordinated and state adoptive trials.
2. Wheat variety NW-7008, a high yielding and resistant to rust (Stem, Leaf and Yellow) under rainfed/restricted irrigation condition for Eastern and Western Zone of Uttar Pradesh. Released in the meeting of State Seed Sub Committee on dated 22.03.2022 through Virtual mode in the chairmanship of Additional Chief Secretary, U.P., Lucknow.
3. To strength genetic variability: A total of 1480 wheat germplasm (indigenous and exotic) including new introduction are being maintained for its further use of crop improvement program.
4. A total of 180 new crosses had been attempted to

create desired variability under salt tolerance conditions.

5. Ninety single plant selection (SPS) and desired segregants ($150F_2$, $90F_3$, $30F_4$, $26F_5$, $22F_6$ and 18 advance bulk population) were generated under different situations i.e. rainfed , saline, sodic and waterlogging condition. These segregating generation will be grown for evaluation of their promisness for further crop improvement program.
6. Total Seven entries under NIVT developed from ANDUA&T, Kumarganj contributed in NIVT Trials 2021-22.
7. Total eleven wheat entries have been contributed under state varietal trial during 2021-22.
8. Twenty five entries contributed for IPPSN during 2021-22 of Ayodhyacentre.

Ongoing Research Projects 2021-22

Sl. No.	Name of Projects	No. of Projects
1.	All India Co-ordinated Research Projects (75% ICAR share and 25% State share)	18
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 RKVY	04
6.	Research Projects Financed by other National/State Agencies	07
7.	Non - Plan Projects 100% Financed by State Govt.	18
	Total :	**54**

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

Sl. No	Name of the Project/ Scheme	Name of PI	Year of Start
1.	AICRP on Rice Improvement (D.K. Dwivedi)	OIC,CRS Masodha	1976
2.	AICRP on Deep Water Rice (Mahendra Singh)	OIC, CRS Ghaghraghat	1976
3.	AICRP on Maize Improvement (Mahendra Singh)	OIC,CRS Bahraich	1976
4.	AICRP on Wheat & Barley Improvement	Dr. Vinod Singh	1987
5.	AICRP on MULLaRP	Dr. Shiv Nath	2001
6.	AICRP on Chickpea	Dr. Shiv Nath	2001
7.	AICRP on forage Crops Improvement	Dr. Shambhoo Prasad	2001
8.	AICRP on Potential Crops	Dr. S.C. Vimal, HOD, GPB	1995
9.	National Seed Project (Crops)- 1- Seed Technology Research 2- Breeder Seed production	Dr. S.C. Vimal	1978
10.	AICRP on Irrigation Water management	Er. .R.C Tiwari	1980
11.	AICRP on Integrated Farming System	Dr. A.K. Singh	1976
12.	AICRP on Vegetable Improvement	Dr.G.C. Yadav	1980
13.	AICRP on Potato Improvement	Dr.Pradeep Kumar	1987
14.	AICRP on Spices	Dr. Pradeep Kumar	1995
15.	AICRP on Arid Fruits	Dr. Bhanu Pratap	1987
16.	AICRP on Medicinal & Aromatic Plants	Dr.R.S. Mishra	1980
17.	AICRP on Agro-forestry	Dr.S.K.Verma	1987
18.	AICRP on Agro-meteorology	HOD, Agromet.	1990

B. Scheme 100% Financed by ICAR

1.	National Initiative on climate resilient agriculture (NICRA) – Dryland Agriculture	Dr H.C. Singh	2010 to contd.
2.	NICRA (Agro-meterology)	Dr. Sita Ram Mishra, HOD, Agromet.	2010 to cont.

C. Research Projects Financed by International Agencies.

1.	Accelerated Genetic Gain in Rice(AGGRi-Alliance)-Marginal Environment **(IRRI)**	Dr. A.K. Singh	2019-20
2	Enhancing and stabilizing the productivity of salt-affected areas by incorporating genes for tolerance to abiotic stresses in rice **(EC-IFAD-IRRI)**	Dr. A.K. Singh	2011

D. Research Projects Financed by UPCAR

Sl. No	Name of the Project/ Scheme	Name of PI	Year of Start & Rs. In lacs
1.	Genetic enhancement for terminal heat tolerance in bread wheat *(Triticum aestivum*L.) with conventional and molecular breeding approaches.	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	Dr. Laxmi Prasad	2020-21 Rs. 19.18
3.	Genetic Improvement of Kala Namak for productivity traits, biotic and abiotic stress tolerance, aroma and nutritional quality.	Dr. Saurabh Dixit	2020-21 Rs. 14.40

E. Research Projects Financed under RKVY

Sl. No	Name of the Project/ Scheme	Name of PI	Year of Start & Rs. In lacs
1	Strengthening of parasitological laboratory with advance diagnostic facilities for detection of parasitic diseases	Dr. Amit Singh	2020-21 Rs. 92.77
2	Ergonomic laboratory for ergonomic risk analysis and reducing health hazard of farm women	Dr.Abha Singh	2020-21 Rs. 40.35
3	Collection identification and distribution of relatively high iron and zinc containing genotypes among farmers for fulfilment of nutritional requirement of rice eating poor consumers	Dr. Shambhoo Prasad	2020-21 Rs. 23.00
4	Establishment of centre for training, research and production of bio-fertilizer and bio-pesticide formulation for the benefit of farmers in Eastern U.P.	Dr. Alok Kumar	2020-21 Rs. 287.95

F. Research Projects Financed by Other National/State Agencies

1.	Mission Integrated Development of Horticulture **(MIDH)**	Dr. R.S. Mishra	2005
2.	Gramin Krishi Mausam Seva (i) Head Quarter, Kumarganj **Ministry of Earth Science(IAAS)** (ii)Bahraich	Dr. A.N. Mishra 9450637552	1993
3	Forecasting Agricultural output using space, agro-meterology and land based observations (FASAL) **Ministry of Earth Science (Govt. of India)**	Dr. A.N. Mishra 9450637552	2010
4	Centre of Excellence in Rice **(State Govt.)**	Dr. A.K. Singh	2018-19

5	Germplasm characterization and trait discovery in wheat using genomics approaches and its integration for improving climate resilience, productivity and nutrition quality. **Sub Project** : Characterization and evaluation of wheat germplasm lives for biotic stress resistance. **(DBT, Govt.)**	Dr.S.P. Singh	2020-21 to 2024-25
6	Assessment of determinants of birds assemblages across rural urban gradient in and around some selected cities of Uttar Pradesh.	Dr.UlmanYasmita Nitin 9871360055 7021299678	Rs. 31.78 lakh 2022
7.	Radiation Induced mutagenesis for the improvement of highly aromatic premium rice variety kalanamak	Dr. Saurabh Dixit	Rs. 33.57 2022

G. Non - Plan Projects 100% Financed by State Govt.

1.	Sodh Scheme (Rice , Masodha)	Dr. D.K. Dwivedi
2.	Oil Seed Project	HOD, GPB
3.	Pulses Project	Dr. R.M. Tripathi
4.	Research on Vegetable Crops	HOD, Veg. Science
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 Tissuhi
10.	Sodh Scheme, Tissuhi (Mirzapur)	OIC, CRS, Tissuhi
11.	Flood Rice Research Scheme : Ghaghragaht (Bahraich)	OIC, CRS, Ghaghraghat
12.	NARP (H.Q.), Ghaghraghat (Bahraich)	OIC, CRS, Ghaghraghat
13.	Jute Establishment Scheme : Bahraich	Dr. Mahendra Singh,OIC, CRS, Bahraich
14.	NARP Sub Station – Bahraich	OIC CRS, Bahraich
15.	NARP (Adjusted), Ghazipur	OIC ZARSS Ghazipur
16.	Sodh scheme, Ghazipur	Dr. Rajesh Chandra Verma 9411320383] 7017931375
17.	Production and processing of fruits in usar wasteland	HOD Fruit Science
18.	NARP adjusted Basuli	OIC, ZARS, Basuli

DIRECTORATE OF EXTENSION

The Royal Commission on Agriculture and Rural Economy (1928) suggested the extension of agricultural research and its integration with agricultural development in the region. The Education Commission (1948) headed by Dr. Radha Krishanan recognized the need for the establishment of rural universities. This was subsequently recommended by two joint Indo- American teams, which made specific recommendations for strengthening agricultural education, research and extension. As per the U.P. Agricultural University Act XI-V of 1958 (later amended under U.P. Universities Re-enactment and Amendment Act 1972), the Acharya Narendra Deva University of Agriculture and Technology, Kumarganj, Ayodhya named after Acharya Narendra Deva, a great educationist and social reformer, was established on the 10th October, 1975 (vide notification no. 5823/xii-4). The foundation stone of the university was laid on 15th January,1974 by the **Ex- Prime Minister, Late Smt. Indira Gandhi** with three major objectives:

1. Making provisions for the education of the rural people of Uttar Pradesh in different branches, particularly agriculture, rural industry, business and allied subjects.
2. Furthering research in agriculture and other allied subjects; and
3. Undertaking field and extension programmes

The Acharya Narendra Deva University of Agriculture and Technology adopted integrated system of teaching, research and extension, which emphasizes a balanced approach to the discovery of the new knowledge and skills, imparting that knowledge to the youth of the country and its application by the farmers who form the backbone of India's economy. The University is committed to all round development in the country in general and Eastern Uttar Pradesh in particular through its concerted efforts and innovative education, research and extension programmes. During last 48 years of its legendary journey, the University's extension model in front line areas has been recognized nationally and internationally

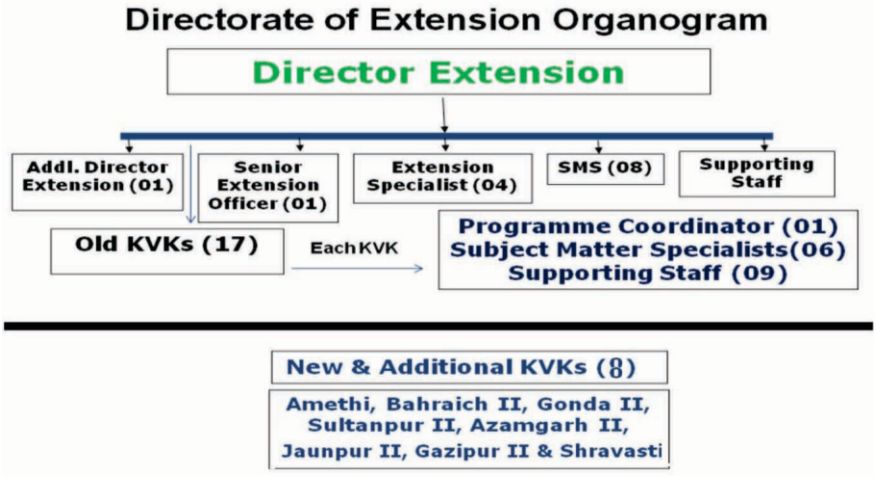
The Extension Education activities were started in June, 1977 with a small team of Subject Matter Specialists at the University Headquarters. Formation and functioning of the Directorate of Extension started since February, 1982 with regular Director in position. The Directorate of Extension is actively involved in transfer of technologies emerging out of research laboratories to the farmers' field and getting feedback for further refinement Extension activities are now being carried out by the Directorate of Extension through 25 Krishi Vigyan Kendras (KVKs) and 4 KGKs located in different districts of Eastern Uttar Pradesh.

Vision

"Self-reliant, healthy rural populous with rich agricultural knowledge and good marketing intelligence".

Present Establishment and set up of Directorate of Extension

The Director Extension is the Chief Executive of the Directorate. He is assisted by one Additional Director, One Senior Extension officer, One Associate Director, four Extension Specialists, nine SMSs and supporting staff. The Directorate is disseminating the technically feasible, economically viable and socially acceptable agricultural technologies among the rural people and stake holders in the best possible manner. It is serving through Farm Advisory, Information and communication Services, Training and Visit scheme through Agricultural Technology Information Centre (ATIC) with the involvement of scientists of various colleges and research stations of the university. The extension activities in various districts of eastern Uttar Pradesh under the jurisdiction of this university are also being accomplished through 25 Krishi Vigyan



Kendra namely Bahraich-I, Basti, Ballia, Varanasi, Mau, Azamgarh-I, Azamgarh –II, Barabanki, Ayodhya, Siddharth Nagar, Chandauli, Sonbhadra, Balrampur, Jaunpur, Gorakhpur, Mahrajganj, Santkabir Nagar, Ambedkar nagar, Amethi, Gonad II, Bahraich II, Sultanpur II, Jaunpur II, Ghazipur, Srawashti and 04 Krishi Gyan Kendras .

The Directorate of Extension is actively involved in transfer of technologies emerging from universities, ICAR institutions and central/state research laboratories to the farmers' field and getting feedback for its further refinement. The mandatory activities of the Directorate viz. farm advisory services, trainings for employment generation and in-service personnel, farmers participatory demonstrations and on farm trials, celebrations of important dates and campaigns, organization of district level kisan melas and exhibitions are being carried out through various Krishi Vigyan Kendras (KVKs) and KGKs located in different districts of eastern Uttar Pradesh with the vision of attaining self-reliant, rich agricultural knowledge and good marketing intelligence among the rural masses.

Recently 08 more KVKs have been sanctioned to this university to cover rural masses of eastern Uttar Pradesh. Six larger district of the eastern Uttar Pradesh is going to be double KVKs. The government aims to smooth and speedy transfer of modern agricultural technologies for uplifting the economic status of farming communities.

Extension Coordination and Technology Dissemination Mechanism

To coordinate the extension programmes and speedy technology dissemination through KVKs and KGKs, various committees, meetings, visit and monitoring systems are developed. Various mechanisms developed by the University to coordinate extension activities are here as under:

- Extension Council
- Zonal Research and Extension Advisory Council
- Scientific Advisory Committee
- Monthly Review Meetings of KVKs/KGKs at University headquarter

Manpower Status of Directorate of Extension (Head Quarter /KVK)

Sl No	Name of Post	Sanctioned	Filled in	Vacant
At Directorate of Extension (HQ)				
1	Director Extension	1	1	-
2	Additional Director	1	-	1
3	Associate Director	1	1	-
4	Senior Extension Officer	1	-	1
5	Extension Specialist	4	1	3
6	Subject Matter Specialist	9	7	2
7	Supporting Staff			
At Krishi Vigyan Kendra (KVK)				
1	Senior Scientist and Head	25	21	4
2	Subject Matter Specialist	150	138	12
3	Farm Manager	25	10	15
4	Programme Assistant (Computer)	25	19	6
5	Programme Assistant (agriculture / Lab)	25	14	11
6	Assistant	25	21	4
7	Stenographer	25	17	8
8	Driver	50	38	12
9	Supporting Staff	50	24	26

- Annual and Mid Term Zonal Workshops
- Monthly, quarterly, half yearly and annual progress report
- Farm Management Committee

Directorate of Extension is disseminating the technically feasible, economically viable and socially acceptable agricultural technologies among the rural people and stake holders through well defined system operated at university headquarters and through KVKs and KGKs established in 27 districts of eastern Uttar Pradesh under the jurisdiction of the university.

- Farm Advisory Services,
- Information and Communication Services,
- Training and Visit scheme
- Agricultural Technology Information Centre (ATIC)
- Krishi Vigyan Kendras
- Krishi Gyan Kendras

SERVICES PROVIDED TO VARIOUS STAKEHOLDERS

The directorate of extension is providing extension services to fulfillment of the mission of Organization of farm advisory services at the doorsteps of the farmers in the Eastern Uttar Pradesh. Agricultural technology transfer using different extension methodologies, imparting trainings for capacity building of human resource, act as a link between researcher and farmer to develop demand driven technology in the state. Provide services to the farmers of the state through single window, Facilitation in planning, implementation, execution and monitoring of theagricultural development in the state and encouraging the rural population to work in groups for their own development and development of the State.

Agriculture Technology Information Centre (ATIC)

Agricultural Technology Information Centre is a single window delivery system of the University from

where the farmers can purchase the required inputs and get latest technology related to different aspects of agriculture. Various Scientist/Subject Matter Specialist of different constituent colleges also provide solution of farmers' problem at ATIC. The 2866 farmers were visited ATIC from April 2021-22 out of which 591 farmers for technology Information thro teliphonic, 2200 farmers for technology Products and 75 VIP dignitaries.

Krishi Vigyan Kendras (KVKs)

Assessment, refinement (On Farm Testing) and demonstration of technologies on location specific area under various farming situation are the first priority of the KVK. Also, organize training to update the extension personnel with emerging advances in agricultural research on regular basis, along with long-term vocational training courses in agriculture and allied vocation for the rural youths with emphasis on "learning by doing" for generating self-employment through institutional financing. Krishi Vigyan Kendras linkage with the District level officers of the line departments has been functional by providing updated technical information to the extension functionaries and farmers on one hand and to bring back the field problems for their solution at the KVKs' farms and the Experiment Stations of the University on the other hand.

Units Established at KVKs

KVK Name	Poly house (No.)	Net house (No.)	BGA Unit	Poultry Unit (No.)	Duckery Unit (No.)	Honey Bee Unit (No.)	Mush room Unit (No.)	Fishery Unit (No.)	Vermi Unit (No.)	Other Units
Amethi	0	0	1	1					1	4
Ayodhya	1	1	1	1	1	1	0	1	1	4
Barabanki	1	2	0	1	1	1	1	1	1	6
Bahraich-1	1	1	0	1	0	1	1	4	3	4
Bahraich-2	0	0	0	1	0	0	0	0	0	0
Gonda-2	0	0	0	0	0	0	0	0	0	0
Balrampur	0	0	1	1	0	1	1	1	1	1
Siddharthnagar	1	1	1	1	1	1	1	1	1	4
Basti	1	1	4	1	1	1	1	1	8	2
Santkabir Nagar	0	0	1	0	0	1	1	0	1	1
Gorakhpur-1	1	1	0	1		1	1	1	1	4
Mahrajganj	0	0	1	0	0	0	0	0	1	3
Ballia	0	0	0	0	0	1	0	0	1	6
Mau	0	0	0	1	0	1	1	1	1	4
Azamgarh-1	0	0	2	1	0	1	1	0	2	5
Azamgarh-2	0	0	0	0	0	0	0	0	2	1
Ambedkarnagar	0	0	1	1	0	1	1	1	1	6
Sultanpur	0	1	0	0	0	1	0	0	1	3
Jaunpur-1	0	1	1	0	0	1	1	1	1	6
Jaunpur-2	0	0	0	0	0	0	0	1	1	1
Varanasi	1	1	1	1	1	1	1	1	1	0
Chandauli	0	1	0	1	0	1	1	0	1	2
Ghazipur-2	0	0	0	0	0	0	0	0	0	1
Sonbhadra	-	-	-	-	-	-	-	-	-	-
Shravasti	-	-	-	-	-	-	-	-	-	-

Demonstration units established at KVKs

Units	Numbers
Vermi Compost Unit	23
Nadep Compost unit	21
Azolla Production	17
Nursey Production	18
Napier production	16
Poultry unit	09
Crop Cafeteria	23
Agriculture Technology Information Unit and Museum	18
Goat farming unit	16
Mushroom Production	12
Honey Bee farming Units	14

Projects operating at KVKs

Name of Project		Numbers
DFI	Doubling Farmers Income	25
CRM	Crop Residue Management	07
SCSP	Schedule Caste Sub Plan	03
NICRA	National Initiative On Climate Resilient Agriculture	05
CSISA	Cereal System Initiative For South Asia	18
TSP	Tribal Sub Plan	03
NARI	Nutri- Sensitive Agricultural Resources and Innovations	25
ARYA	Attracting And Retaining Of Youth In Agriculture	03
KSHMTA	Knowledge Systems and Homestead Agriculture Management in Tribal Areas	01

Special programs

- Crop Residue Management (CRM) – 07 KVKs
- Operating at seven KVKs namely Azamgarh, Jaunpur, Chandauli, Bahraich, Barabanki, Mahrajganj and Siddharthnagar.
- Purchase of equipments and demonstrations were conducted by KVKs.
- No. of Machines procured 11
- No. of activities conducted 43
- No. of farmers participated 6936

Rashtriya krishi vikas yojana – Budget sanctioned and work progress (2017-2022)

Sr. No.	Project Name	Approved Amount (in Lakh)	Amount transferred to working organization (Laks)	Description
1-	Strengthening of 07n KVKs (Basti, Gorakhpur, Ayodhya, Siddharthnagar, Bahraich-1, Barabanki, Varanasi) Phase -1	2000.08	1643.33	All work completed
2-	Strengthening of 07n KVKs (Ambedkarnagar, Sultanpur-2, Ghazipur-2, Bahraich-2, Jaunpur, Amethi, Mau) Phase -2	2099.74	1638.60	90% work completed
3-	Strengthening of 03 KVKs Azamgarh -1, Azamgarh-2, Shravasti) Phase-3	442.40	376.04	Work has to be started
4-	Strengthening of Krishi Gyan Kendra Deoria	140.14	133.14	Work has to be started

Center of Excellence at KVKs funded by UPCAR

Sr. No	KVK Name	Work Description	Sanctioned Amount (Rs.)
1-	Gorakhpur	Management, Processing and Preservation in Mango, Litchi and Guava	50.00
2-	Varanasi	Vegetable Processing & Testing	50.00
3-	Sonbhadra	rainfed farming system	50.00
4-	Mau	Agricultural diversification through paddy, wheat crop rotation through banana and papaya etc.	50.00
5-	Balrampur	aquaculture based farming system	50.00
6-	Chandauli	Fruit and vegetable plant nursery for dry area	50.0

Cereal Systems Initiatives for South Asia (CSISA)

- Operating in 16 KVKs.
- Participating KVKs have got trained twice at Kanpur and at ANDUAT Kumargan, Ayodhya.
- Survey work is in progress

Activity	Number
Training programmes organized	4
Paticipants	165
Seed Production (q)	110
No. of Mela/Seminar organised	1
Particiapnts in the mela	350
FLD organized (ha)	10

Attracting & Retaining of Youth in Agriculture (ARYA)

Activity	Number
No. of training courses	6
No. of participants	120
No. of Enterpreneual Units established	51

Aspirational District Scheme

Activity	Number
Training programmes	36
No. of Participants	740

Tribal Sub Plan (TSP)

Details	Number
No. of training courses	**22**
No. of participants	**540**
OFT	**4**
FLD	**715**
Mobile Advisories	**25**
Extension activities (Participants)	**23**
Seed production (q)	**360**
Planting material production (No.)	**55315**

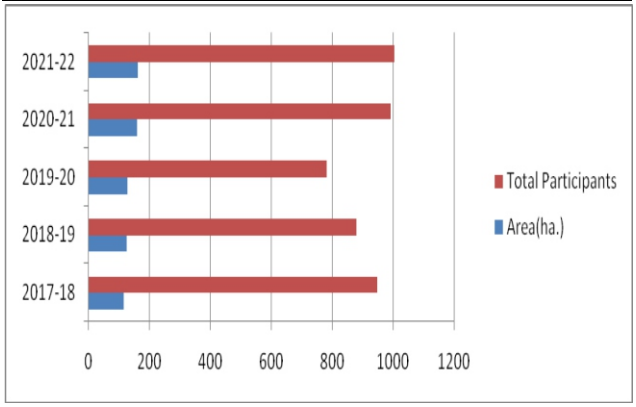
Schedule Caste Sub Plan (SCSP)

Activity	Number
No. of training courses	35
No. of participants	725
OFT	5
FLD	260
Mobile Advisories	34
Extension activities (Participants)	387
Seed production (q)	344
Planting material production (No.)	250

1. On Farm Testing

Keeping in view the local need of farmers and prevailing problems and practices of the areas 102 numbers of OFT (on farm trials) were conducted on 482 farmers' field by all 25 KVKs and provide the recommendations after assessment and refinement of the technologies in participatory mode.

Year	Area(ha.)	Total Participants
2017-18	114.7	948
2018-19	125.6	879
2019-20	127	783
2020-21	159.75	992
2021-22	161.7	1004



2. Front Line Demonstration on Oil Seed, pulses and Other Crops/Enterprises

Front line demonstrations on frontier technologies has conducted on large scale on:

- Newly released varieties of different crops
- SRI, Drum Seeding and DSR methods of rice establishment
- Use of bio fertilizers and bio pesticides
- Resource Conservation Technology
- Precision agriculture
- Integrated fish farming
- Clean milk production

In order to provide wider adoption, validation, refinement and demonstrations were carried out on farmer's field in different crops/ enterprises as per the above thrust areas of the KVKs. Among oilseeds 273.70 ha, pulses 563.30 ha, Cereals 588.16 ha. and others 102.2 ha areas were included under demonstrations of different crops comprising 2625demonstrations including same number of beneficiaries. During the reporting year, 152 demonstrations were conducted in Livestock sectors and other enterprises.

FLD	Area (ha)/ No./Unit	No. of Beneficiaries
CFLD Oilseed	610.0	1525
CFLD Pulses	425.0	1107
FLD Other Than Oilseeds & Pulses	781.0	2210
Farm Implements	55.0	160
Hybrid crops	5.0	50
Total	1876.0	5052
OFT (Crops)	102	482
FLD (Live Stock)	110	65
FLD on Other Enterprises	9.0	55

3. Trainings

Mainly, KVKs are actively involved in four types of training programme *viz*. training for practicing farmers (on campus or off campus), rural youth, extension functionaries and organizing sponsored trainings at farm and outside the campus. During the reporting year, 1409 number of trainings were imparted, out of which, 982 trainings to practicing farmers, 225 rural youth trainings, 73 extension functionaries, 51 Sponsored Training and 78Vocational Trainings were conducted and total 32355 beneficiaries were benefited .

Program Conducted	No of Program	No. of Beneficiaries
Seasonal Trainings	982	22586
Rural Youth	225	4950
Extension Functionaries	73	1679
Sponsored Trainings	51	1268
Vocational Trainings	78	1872
Total	1409	32355

4. Other extension Activities

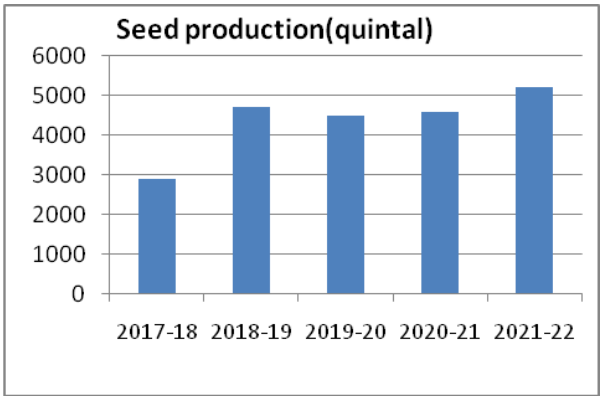
During the year, 6903 number of extension activities were organized. The mass media includes 149 numbers of radio talks and 148 TV talks were broadcasted/ telecasted in the reported year. All KVKs are publishing quarterly magazine to distribute it to the farmers and extension workers free of cost. All KVKs are organizing Kisan Mela from time to time.

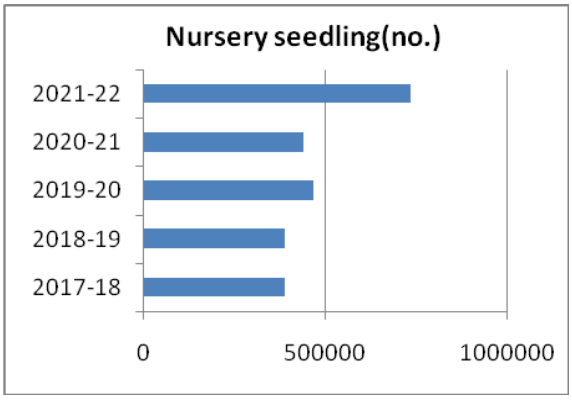
Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	3420	23446	475	23921
Diagnostic visits	1292	7315	988	8303
Field Day	190	9728	285	10013
Group discussions	95	2185	532	2717
Kisan Ghosthi	608	77900	3648	81548
Film Show	57	1520	285	1805
Self -help groups	38	760	57	817
Kisan Mela	38	31920	380	32300
Exhibition	95	0	0	0
Scientists' visit to farmers field	3078	25688	0	25688
Plant/animal health camps	76	10260	912	11172
Farm Science Club	57	4275	0	4275
Ex-trainees Sammelan	342	4522	0	4522
Farmers' seminar/workshop	19	1235	95	1330
Method Demonstrations	152	456	38	494
Celebration of important days	95	12350	228	12578
Special day celebration	38	950	0	950
Exposure visits	152	3610	304	3914
Others (pl. specify)				
Total	9842	218120	8227	226347

5. Production of Seed and Saplings

Now days, Krishi Vigyan Kendras are becoming a centre for supplying elite/quality planting material and seeds of different crops to the farmers. During the year 5217.57quintals includingCereals, Pulses, Oilseeds and other crop seeds were produced at farm level and more than 732386seedlings of fruits and vegetables were supplied to the farmers. The separate extension wing of constituent colleges were actively involved in imparting training and conductance of various demonstrations on oilseeds, pulses and other demonstrations on the farmers' fields on seed production. Almost all KVKs are having Goatry unit, Orchard /Forestry and some KVKs are having fisheries unit in running conditions.

Year	Seed Produced	Quantity (Quintal)	Planting Material (No.)
2017-18	Paddy, Wheat, Mustard, Toria, Peigion Pea, Lentil, Moong	2901.0	385508
2018-19		4712.82	385436
2019-20		4503.11	466939
2020-21		4591.65	438797
2021-22		5217.57	732386





Following steps have been taken to achieve objectives and mandates of KVKs

- Keeping in view the resource constraints, faced by the KVKs, five villages, one each named as 'Adrash Krishi Gaon' in a five blocks (One village in each block) have been selected in each district to carry out the all extension activities keeping in view to saturate whole villages in holistic approach. To make the system more effective and viable, mobile numbers of selected farmers have been introduced for Front Line Demonstration (FLD) and On Farm Trials (OFT) at the time of approval and sanctions of the proposals, so that any concerned officer can verify the material distributed to the selected farmers on their mobile phone. Similarly, Vocational Trainings schedule has been uploaded on university website on public domen.
- All programme should be plan in the group tour. All the Subject matter specialists (SMS) /Programme Asistants (PA) have been ordered to visit the selected village once in a week i.e. Thursday and Friday of the month by office vehicle to take observations of their FLD/OFT/ Trainings activities etc.
- Farm Productivity of KVKs is one of the major indicators in the assessment of KVK. Therefore, Farm Management Committee (FMC) on each KVK has been constituted to advise and monitor farm activities to improve the productivity/ revolving fund of the KVK farms. Farm Management Committee includes, Programme Coordinator as chairman, all Subject matter Specialists as member and Farm Manager as member secretary. They are involved in all activities from sowing to harvest.

S.No.	Subject/Discipline	No. of scientists involved
1.	Fisheries	02
2.	Plant Pathology	01
3.	Entomology	01
4.	Soil Science	02
5.	Economics	01
7.	Agronomy	02
8.	Horticulture	02

Contribution towards Academic Programme

Scientists involve in extension activities are also engaged in various academic programs as and when required on regular basis by university authorities. A summarize view of extension scientists involve in various academic program are given here as under:

Scientists of KVKs are also engaged in conducting RAWE/RHWE for undergraduate Agriculture and Horticulture programme. Post graduate students are also guided by Directorate of Extension scientists.

Diagnostic Visit at Farmer's Farm in Sultanpur by Director Extension – Prof. A.P. Rao

Pigeon Pea Variety Performance Analysis by Director Extension – Prof. A.P. Rao

Soil Testing Training at HQ by Pusa STFR Soil Testing Kit

STUDENT'S WELFARE ACTIVITIES

The Dean Student's Welfare Office provide boarding, lodging, facilities for entertainment and sports, medical facilities and security to the all registered students. This office facilitates the students in getting fee concession, fee reimbursement, scholarship/fellowship; stipend etc. and also plays the pivotal role to maintain discipline among the students.

Hostels:

The university has 22 hostels including five separate hostels for girls' students and one for International students with separate arrangements for post-graduate and undergraduate students in which near about 2000 students are residing. This year one fully furnished newly constructed girls hostel Mandakini has been allotted to the girl students.

Financial aid/scholarships in the University:

The financial assistance is available for more than 85% students. There are about 20 types of scholarships such as University financed scholarships, I.C.A.R., U.G.C., Samaj Kalyan Scholarship for Scheduled caste,/Scheduled tribes, General categories and Minority, Other backward class scholarships from Govt. of U.P. and Individual Fellowships, Mandi Parishad scholarships, National Talent Scholarship etc for the students.

Details of Scholarships in the University:

The financial assistance has been made available to more than **86**% students of the university. During the academic **year 2021-22, 1585** students of different categories has got scholarships and fee reimbursement from the Social Welfare, Other Backward Class and Minority departments of U.P. Government. In addition, **156 students** are getting other scholarships / stipends by Mandi Parishad, U.P., NTS- ICAR etc

1. Scholarship from Department of Social Welfare, UP Govt. (2021-22)

(i) Scheduled caste / tribes category - 333 students

(ii) General category - 441 students

(iii) Other Backward castes category - 755 students

(iv) Minority category - 56 students

No. of total students - 1585 students

2. Mandi Parishad Scholarship (2021-22) – 61 students

(I) UG Students - 36

(ii) PG Students - 25

3. **National Talent Scholarship UG & PG (2021-22)- 86 students**

(I) UG Students - 49

(ii) PG Students - 37

4. DST Inspire Fellowship (2021-22) - 02 students (PG)

5. Indo-Afghan Scholarship (2021-21) – 04 students (PG)

6. University merit scholarship – 03 students (Ph.D.)

Activities of games & sports:

The Department of Games and Sports organized the Inter College Kabaddi, Volleyball, Football, Table Tennis and Badminton Championship Tournaments. University organized its 31st Annual sports and games meet from 4-6 March 2022, under the able directions of Honorable Vice Chancellor. 1200 students from different colleges were grouped into 6 houses viz yellow, blue, purple, green, red and pink houses exhibiting sportsmanship and an essence of "unity in diversity". The event started with parade, followed by

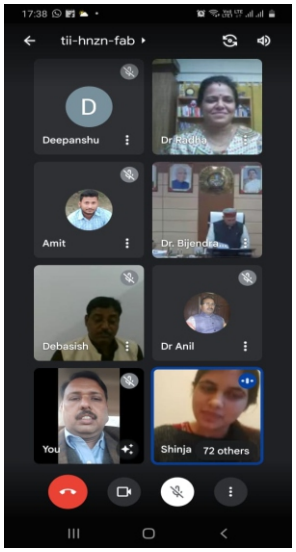
different events viz 100 m, 400m, 800m, 1500m, 5000m races, long jump, handball, javelin throw, discus throw, shotput and hammer throw. In addition, volleyball, football, cricket, kho-kho, kabaddi, handball matches were also conducted. The winners were felicitated with trophies in gracious presence of Honorable Vice Chancellor, madam Vice Chancellor Smt Meena Singh, DSW Dr D Niyogi and President sports Dr Sanjay Pathak. The overall champions trophy of men was won by Ayush Gondwal from blue house and Goldee Yadav from yellow house won the champions trophy in women.

MOU signed:

The MOU signed between NDUAT and **Medha** Learning Foundation, Lucknow to establish the Career Service Centre to train the students about the Career Advancement Bootcamp, Life Skills Advancement Bootcamp and Technology Bootcamp. Medha is providing 21st century skills training, career counseling and workplace exposure, and ongoing job placement support to our university students.

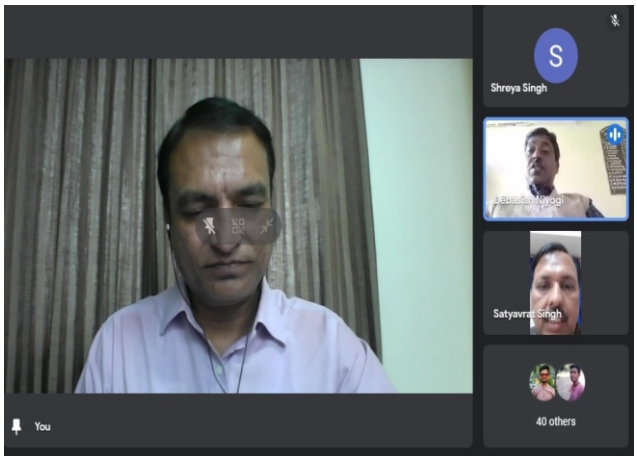
Soft skill and language development training

Directorate of training and placement organized 35 days training on soft skills and language development in collaboration with Smart Series Bangalore from 27 January -15 February 2022 under NAHEP. A total of 73 students from different colleges were selected for the training. The training was conducted by CEO smart series Dr Radha Sankarnarayanan who divided the training in 2 parts. In part 1 she focused primarily on soft skills and part 2 comprised of direct interaction with trainers.



Personality development and soft skills training program

Directorate of Training and placement organized an online personality development and soft skills training program from February, 28th to match 3rd , 2022 by master trainers Kaushal Raut under NAHEP



IG project. Sessions focused on attitude, motivation and confidence and time management to bring a change in perception towards life; The training was attended by 90 students from different colleges.

Hostel renovation:

Renovation of Rapti, Kalindi, Varuna, Gomti, Niranjana, Saryu, Saraswati, Anoma and other hostels has been done.

Foreign Students:

Four Afghanistan students are studying in the University for the M.Sc. and Ph.D. degree in the subject Agriculture Extension Education and Horticulture during the academic session 2020-21.

Sports coaching facilities:

The Guest teacher has been appointed for coaching to the students. Coaching facilities are available in the University sports ground for making the students efficient in various games. The students

can contact the physical education Staff / Presidents of various games for guidance.

Student's discipline & hostel regulations:

A student is expected to reflect under all the circumstances proper respect for order, morality and rights of others and such sense of personal honor as demanded by good citizens. Each and every students of the university shall follow the rules and regulations of the university during their study period. Under the direction of Hon'ble Vice-Chancellor, printed copies of new hostel rules and regulations has been distributed to all the Hostel Warden and Assistant Hostel Warden of different hostels and also to the students of our university prior to start of semester.

International Yoga Day

The university organized **International Yoga Day on 21st June, 2022** as a mega event with participation of more than 1100 students, faculty and staff. The Yoga instructors from RML Awadh University demonstrated the yoga and also imparted training to the students**.**

Accomplishments and Initiatives:

- The financial assistance has been made available to more than **86**% students of the university. Total **1741 students** of UG & PG have received the **scholarship** during the academic **year 2021-22 with an increase of 267 students this year**.
- **RAWE scholarship/ stipends** have been provided to **316** students of different accredited colleges of the university from ICAR.
- **Seventy three (73)** students from this university qualified National Eligibility Test (NET) conducted by ICAR for the session 2021-22.
- This year, **the university got one unit of NCC from UP 65 Batallion which will benefit the overall development of the students .**
- Under the aegis of NSS, the university organized different programs round the year namely plantation drive, cleanliness drive and different awareness programs.
- **24 students and 18 faculty** members has been given training for " Agripreneurship Development" from the National Institute for Enterpreneurship and Small Business Development (**NIESBUD**), Ministry of Skill Development and Enterpreneurship, **Government of India** to promote entrepreneurship and skill development among students of the university.
- Career Advancement Boot Camp (30 hour Training) by Medha Learning Foundation organized for 20 students as a Personality Development Initiative under NAHEP-IG Project and recently 02 new batches have started.
- The facilities for a new cricket ground, Hockey ground and Hand Ball has also been created in the University sports complex near the stadium with strengthening of facilities at the university gymnasium.
- In all hostels, ordinary bulb has been replaced by LED bulbs and proper lighting facilities in the hostel and hostel premises have been assured. All the street lights of different hostels has been fitted with LED lights and maintained in working condition.
- Surroundings of all the hostels and hostel roads have been cleaned to maintain a hygienic atmosphere in the hostel.
- Keeping in view the Covid- 19 pandemic, Automatic Sanitizer machine, Thermal Scanner and oximeter has been provided in the all the hostel where student were residing for offline teaching and research purposes after re-opening of the hostels to follow the Covid- 19 Advisory.
- All the hostels in the main campus of the University at Kumarganj including girls's hostels were sanitized three times during the month of January, February and March, 2021.
- All the Colleges, Directorates, Registrar office, Comptroller office and as a whole Administrative Building were sanitized weekly from June, 2020.
- Covid-19 testing was conducted for the staff and their family members in the campus regularly and proper care was taken for quarantine and medication for the Covid-19 positive persons. A mass covid vaccination drive was also organized for the booster vaccination of students and staff.

Hostels and Students Capacity:

Sr. No.	Hostel	Rooms	Seats
1.	Ganga Hostel	108	130
2.	Yamuna Hostel	104	140
3.	Saryu Hostel	112	156
4.	Kalindi Hostel	70	120
5.	Varuna Hostel	110	130
6.	Rohini Hostel	40	120
7.	Hiranyawati Hostel	58	116
8.	Anoma Hostel	34	102
9.	Amrawati Hostel	50	100
10.	Saraswati Hostel	50	120
11.	Rapti Hostel	34	68
12.	Gomti Girls Hostel	52	126
13.	Brahamputra Hostel	40	120
14.	Niranjana Hostel	19	38
15.	Gomti Girls Hostel Phase-2	20	60
16.	Mandakini Girls Hostel	50	100
17.	Achirawati Hostel	22	44
18.	Godawari Hostel, Ambedkarnagar	60	90
19.	Kaveri Hostel, Ambedkarnagar	43	72
20.	Girls Hostel, Ambedkarnagar	18	36
21.	Boys Hostel Azamgarh	32	96
22.	Girls Hostel, Azamgarh	20	60

NEHRU LIBRARY

Nehru Library is the Central Library of University. The University Library provides source of information and facilities for teaching, learning, educational and research programmes of the University. Library delivers a wide spectrum of services by helping students with textbooks, reference books and periodicals, and up-to-date literature on every subject for students, teachers, scientists and research scholars. The Library is centrally located with an easy access from all the colleges of the University campus, hostels and residential areas. It has been especially designed spacious four-floor building constructed in 3617 sq. feet area. The Library has acquisition section, technical section, circulation section, periodical and thesis section. The Library has capacity to accommodate more than 200 readers at a time. It has 59450 books and other reading materials, National and International journals, weekly and monthly magazines and daily newspapers in English and Hindi. To support the research needs of its students, the Library has 3560 theses in print and provides Wi-Fi facility for its users. Library is also member of KrishiKosh, Shodhganga, ShodhShuddhi and Jgate-CeRA (Consortium for e-Resources in Agriculture).

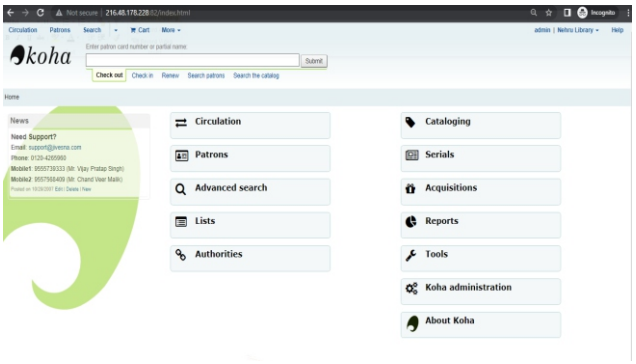
The University library is organized into eight specialized functional sections, i.e. Acquisition, periodicals, Technical processing, Reference and information, Circulation, Documentation and Binding and Maintenance to serve the patrons in the best possible way. Apart from these services library is also engaged in teaching of course "use of Scientific and Technical Literature" (Lib-511) and Library and information services "PGS" to postgraduate student of the university. The comprehensive course covers all aspects of library use, scientific literature and its bibliographical control, modern technique of handling scientific information in ICT environment.

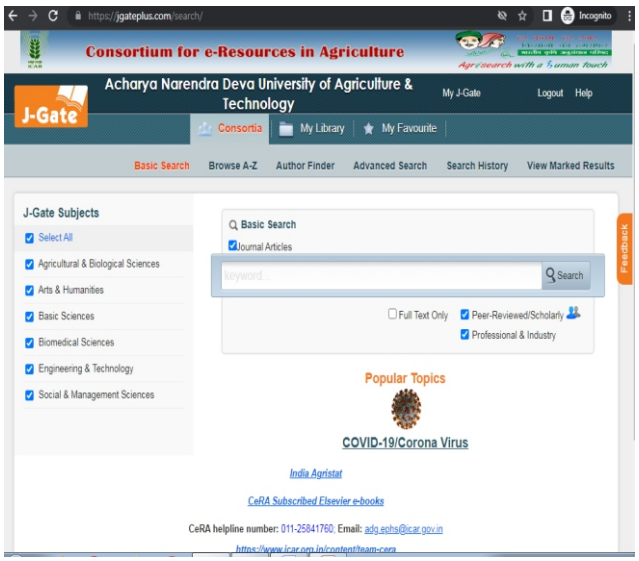
ACCOMPLISHMENTS DURING 2021-2022

To improve the facility for its patron and to make pace with time, following initiatives were taken in the library—

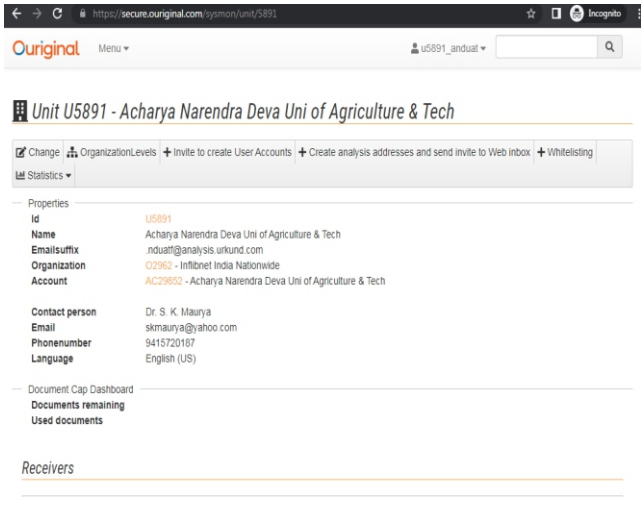
- Library opening time was increased. Library now remains open from 9.00am to 7.00 pm on all working days.
- Library was upgraded by developing its website by which the library can be accessed online anytime. Readers can access Nehru library at following address: http://216.48.178.228:81/

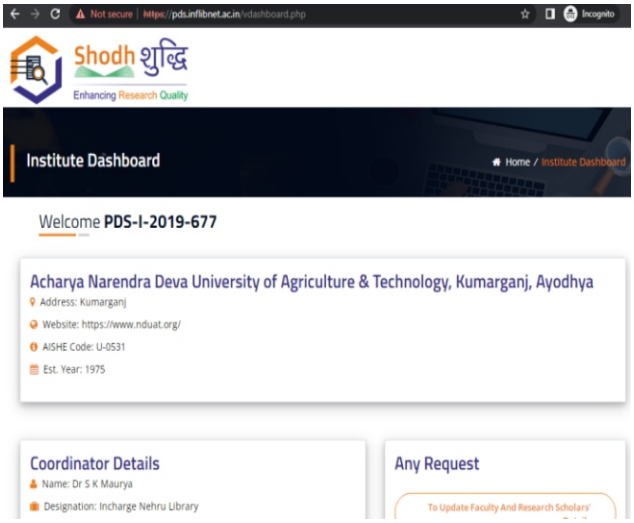
- Library automation and digitalization work has been started. In the first phase, library management software KOHA has been implemented that has also been integrated with the webpage of library and can be remotely accessed by its users—





- Facility of online research journals to our University is provided by ICAR through CeRA(Consotium for e-Resouces in Agriculture). User IDs are provided to students and faculty to access this subscription on J-Gate website (www.jgateplus.com). About 200 new registrations were done for students and faculty.
- To increase CeRA usage, an online training cum workshop on “Effective Utilization of J Gate Product” with the help of CeRA service provider M/s Informatics India. About 250 students and faculty participated and the usage of CeRA facility was increased more than 5000 per month.
- Library is a member of Krishikosh (An e-repository of ICAR), Shodhganga (An e-repository of UGC) on which more than five hundred thesis have been uploaded.
- Library monitors plagiarism in the publications/ thesis in the University and provides Plagiarism Deduction software “OURIGINAL" (URKUND) to its users from INFLIBNET center UGC. The difficulty faced by teachers and students in plagiarism detection was solved by increasing usage Cap of University from 180 to 850.





AWARDS AND ACCOLADES

Year of Award	Title of Award	Name of Awardee	Name of the Awarding Agency with contact details	Category-institution/teacher/research scholar/ student
2021	Excellence of Research Award	Dr. Rajesh Kumar	The Indian society for the promotion of agricultural sciences (TISPAS), Nagaland	Asstt. Professor
2021	Fellowship	Dr. Gulab Chand Yadav	International Society for Noni Science	Assoc. Professor
2021	Life time achievement award for novelty, valuable contributions achievement	Professor A. P. Rao	GAPS Jharkhand, India	Professor
2021	Best Centre Award	ANDUAT	ICAR- All India Coordinated Research Project on Arid Zone Fruit	ANDUAT
2021	Certificate of Recognition	Dr. Kh. Sangeeta Devi	E-Pashupalan	Asst. Professor
2021	Prani Mitra Award 2021	Dr. D. Niyogi	Pashudhan Praharee	Professor
2021	Adarsh Vidhya Saraswati Rashtriya Puraskar	Dr. D. Niyogi	Global Management Council	Professor
2021	Member of editorial board	Dr. D. Niyogi	Glacier journal of scientific research	Professor
2021	National excellence award	Dr. D. Niyogi	Dr. B. V. Rao poultry professional	Professor
2021	Best KVK in commerce and Export conclave	KVK Kathoura, Amethi	District appreciation and Entrepreneurship development centre, Amethi	KVK
2021	Farm & Food Agri-Award -2021	Dr. R.K. Anand	Farm & Food, Delhi Press New Delhi	Scientist
2021	Best farm animal pathologist award	Dr. D. Niyogi	Indian Association of Veterinary Pathologists	Professor
2021	Environmental Protection Research Award	Dr. Dinesh Kumar	Scientific Educational Research Society, Meerut (U.P.) India	Asstt. Professor
2021	Best Teacher Award	Sri Sunil Kant Verma	A.N. D. U. A & T. Kumarganj, Ayodhya	Asstt. Professor
2021	Excellence in research award	Dr. Shiv Nath	Society for Scientific Development in Agriculture and Technol ogy, Meerut (U.P.)	Assos. Professor
2021	The Best Teacher 2021	Dr. Ashish Kumar Srivastav	Glacier journal research foundation, global management council	Asstt. Professor
2021	Adarsh Vidhya Saraswati Rashtriya Puraskar	Dr. Ashish Kumar Srivastav	Glacier journal research foundation, global management council	Asstt. Professor
2021	Excellence teaching award for outstanding contribution in the field of agricultural extension education	Dr. Renu Gangwar	4th international conference on global approaches in natural resource management for climate smart agriculture (GNRSA-2021)	Asstt. Professor
2021	Best paper presentation award	Dr. Vibha Yadav	The society of veterinary science and Biotechnology	Asstt. Professor
2021	Certificate of Recognition	Dr. Rajesh Kumar	The Indian Society of the promotion of agricultural sciences, Nagaland	Asstt. Professor

Year of Award	Title of Award	Name of Awardee	Name of the Awarding Agency with contact details	Category-institution/teacher/research scholar/ student
2021	Best teacher award	Dr. Sameer Kumar Singh	ANDUAT	Asstt. Professor
2021	Guru SammanAbhiyan – Award for valuable effort as Professor Soil Sc. And Agriculture Chemistry	Dr. Ram Ratan Singh	Bhartiya Takniki Evm Koushal Vikas Parishad under ministry of MSME	Professor
2021	Farm and Food Regional AgriAward	Dr. Prem Lata Srivastava	Delhi Press, New Delhi	SMS
2021	Best Teacher Award	Dr. Sanjay Kumar Verma	ANDUAT	Asstt. Professor
2021	Regional farm and Food Agri Award	Dr. SomendraNath	Farm and Food , New Delhi	SMS
2021	Eminent Scientist Award	Dr. VidyaSagar	Swadeshi Jagaran Munch, Pryagraj, U.P.	SMS
2021	Farm & Food Agri-Award -2021	Dr. R.C. Verma	Farm and Food, Delhi Press- New Delhi	Sr. Scientist & Head
2021	Recognition Award for better cooperation in the development of Anganwari Kendra	Dr. R. K. Singh	Chancellor, ANDUAT, Ayodhya	SMS/Officer In charge
2021	Outstanding Thesis Award	Dr. VibhaYadav	Scientific research education society, Meerut	Asstt. Professor
2021	Adarsh Vidhya Saraswati Rashtriya Puraskar	Dr. Vishudhanand	Global Management Council	Asstt. Professor
2021	Prashasti Patra	KVK, Ledaura, Azamgarh	by Hon'ble Chancellor, U.P.	-
2021	Guru Samman (II)-2021	Dr. R.R.Singh	Bhartiya Takaniki Avem KoushalVikash Parishad	Professor Soil Sci.
2021	Best KVK Sceintist Award	Dr. Narendra Raghuvanshi	Indian Society of Extension Education, New Delhi	Sr. Scientist & Head
2021	Certificate of Merit	Dr. N. A Khan	GRISAAS-2021	Assoc. Professor
2021	Exhibition Award	KVK Varanasi	Agriculture Science Congress and ASC Expo	-
2021	Best Teacher Award	Dr. Vishudhanand	Global Management Council	Asstt. Professor
2021	SBRS Fellowship award	Dr. Mithilesh Kr. Pandy	Society of Biological Sc. And Rural development	Sr. Scientist and Head
2021	Fellowship Award	Dr. Pradeep Kr. Mishra	International Society for Noni Sciences	SMS
2021	SBSRD Life Time Achievements Award	Dr. Pradeep Kumar	Society of Biological Sc. And Rural development	SMS
2021	Paryavaran Mitra Puraskaar	Dr. Vinay Kr. Singh	Society of Biological Sc. And Rural development	SMS
2021	Life Time Achievement Award	Dr. Arvind Kumar Singh	Pragati Sheel Kisan Vikas Sewa Sanstahan	Sr. Scientist and Head
2021	Scientist of the Year Award	Dr. Manoj Kr. Singh	Society of Biological Sc. And Rural development	SMS

Year of Award	Title of Award	Name of Awardee	Name of the Awarding Agency with contact details	Category-institution/teacher/research scholar/ student
2021	Fellowship Award	Dr. Narendra Raghuvanshi	ISNS, Chennai	Sr. Scientist and Head
2021	Sarvshrestha Krishi Samman	Dr. Narendra Raghuvanshi	IARI, New Delhi	Sr. Scientist and Head
2021	Utkrishta Samman	KVK Varanasi	Agriculture Department, Varanasi	-
2021	National Excellence Award	Dr. VibhaYadav	DR. B. V. Rao Poultry Professionals	Asstt. Professor
2021	Outstanding Award	Dr. S.N. Singh	ANDUAT, Ayodhya	Sr. Scientist and Head
2021	Outstanding Award	Dr. D.K. Srivastava	ANDUAT, Ayodhya	SMS
2022	Fellowship for the year 2022	Dr. R.R. Singh	International Society for NONI science Chennai, India	Professor
2022	Outstanding Teacher Award	Dr. Nanchhu Ram Meena	Society for Agriculture Innovation and Development (SAID), Ranchi	Asstt. Professor
2022	Scientist of the Year	Dr. Nanchhu Ram Meena	Recent Advances and Innovations in Biological and Applied Sciences (RAIBAS-2022)	Asstt. Professor
2022	Poster Presentation Award Certificate	Dr. Anil Kumar Singh	National Education Empowerment and Development Foundation (NEEDEF), Gorakhpur	Assoc. Professor
2022	Certificate of Excellence in Reviewing	Dr. R. R. Singh	Asian journal of Agricultural Extension, Economics & Sociology	Professor
2022	Fellowship	Dr. R. R. Singh	International Society for Noni Science	Assoc. Professor
2022	Certificate of Excellence in reviewing award No: SDI/HQ/PR/Cert/87817/PRO Date: 3-Jun-2022	Dr. R.R. Singh	The journal Asian Research Journal of Arts & Social Sciences	Professor
2022	Anmol Ratna Samman	Dr. R. K. Anand	Onkar Seva Sansthan	Scientist
2022	Certificate of Excellence in reviewing award No: SDI/HQ/PR/Cert/88730/PRO Date: 21-Jun-2022	Dr. R.R. Singh	The journal Asian Research Journal of Arts & Social Sciences	Professor
2022	Certificate of Excellence in reviewing award No: SDI/HQ/PR/Cert/88380/PRO Date: 15-Jun-2022	Dr. R.R. Singh	Current Journal of Applied Science and Technology	Professor
2022	Outstanding Scientist Award	Dr. K.M. Singh	INSO	Sr. Scientist and Head
2022	Distinguished Achievement Award	Dr. Arvind Kumar Singh	KNIPSS, Sultanpur, UP	Sr. Scientist and Head
2022	Young Scientist award	Dr. Manoj Kumar	SSDAT	SMS

Year of Award	Title of Award	Name of Awardee	Name of the Awarding Agency with contact details	Category-institution/teacher/research scholar/ student
2022	Fellow	Dr. Gulab Chand Yadav	International Society of Noni Science	Assoc. Professor
2022	Best paper presentation award	Dr. M.K. Verma	Veterinary internal and Preventive Medicine Society (VIPM)	Asstt. Professor
2022	Outstanding Scientist Award	Dr. Adesh Kumar	Agricultural Technology Development Society, Gaziabad	Asstt. Professor
2022	Appreciation Award	Dr. Naveen Kumar Singh	Veterinary internal and Preventive Medicine Society (VIPM)	Asstt. Professor
2022	Dr. D. Rai Oration Certificate	Dr. Naveen Kumar Singh	Veterinary internal and Preventive Medicine Society (VIPM)	Asstt. Professor
2022	Fellowship	Dr. Ramesh Pratap Singh	International Society for Noni Science	Professor
2022	Excellence award	Dr. D. Niyogi	Pashudhan Prahari	Professor
2022	Life Time Achievement Award	Dr. A. P. Rao	KNIPSS, Sultanpur, UP	Professor
2022	Best paper presentation award	Dr. VibhaYadav	2nd annual convention of veterinary internal & preventing medicine society	Asstt. Professor
2021	Farm and Food Regional Agri Award	Dr. PremLata Srivastava	Delhi Press, New Delhi	SMS
2021	Regional farm and Food agri Award	Dr. Manoj Kumar Srivastava	Farm and Food , New Delhi	SMS
2021	Regional farm and Food agri Award	Dr. Somendra Nath	Farm and Food , New Delhi	SMS
2021	Eminent Scientist Award	Dr. Vidya Sagar	Swadeshi Jagaran Munch, Pryagraj, U.P.	SMS
2021	Farm & Food Agri- Award - 2021	Dr. R.C. Verma	Farm and Food, Delhi Press-New Delhi	Sr. Scientist & Head
2021	Recognition Award for better cooperation in the development of Anganwari Kendra	Dr. R. K. Singh	Chancellor, ANDUAT, Ayodhya	SMS/Officer In charge
2021	Appreciation Certificate for performing excellent work in awareness creation and organization of demonstrations nicely under CRM to conserve the environment, soil health improvement & spread of cost effective techniques among farmers in Azamgarh district	Dr. R. K. Singh Dr. Rudra P Singh Dr. Randhir Nayak	Commissioner, Azamgarh, District Magistrate Azamgarh and Director Extension, ANDUAT, Ayodhya	SMS/Assoc Prof-Agron SMS/Assoc Prof. PP SMS. Assoc Prof. SS
2021	Regional Farm n Food Agri Award 2021 for promotion of microbes based Rapid Composting Technique	Dr. Rudra P. Singh	Delhi Press, New Delhi	SMS/Associate Professor-Plant Protec.
2021	Prashasti Patra	KVK, Ledaura, Azamgarh	by Hon'ble Chancellor, U.P.	-
2021	Guru Samman (II)-2021	Dr. R.R. Singh	Bhartiya Takaniki Avem Koushal Vikash Parishad	Prof. Soil Sci.

Year of Award	Title of Award	Name of Awardee	Name of the Awarding Agency with contact details	Category-institution/teacher/research scholar/ student
2021	Best KVK Sceintist Award	Dr. Narendra Raghuvanshi	Indian Society of Extension Education, New Delhi	Sr. Scientist & Head
2021	Exhibition Award	KVK Varanasi	Agriculture Science Congress and ASC Expo	-
2021	Paryavaran Mitra Puraskaar	Dr. Pradeep Kr. Mishra	Society of Biological Sc. and Rural development	SMS
2021	SBRS Fellowship award	Dr.Mithilesh Kr. Pandy	Society of Biological Sc. and Rural development	Sr. Scientist and Head
2021	Fellowship Award	Dr. Pradeep Kr. Mishra	International Society for Noni Sciences	SMS
2021	SBSRD Fellowship Award	Dr. Pradeep Kr. Mishra	Society of Biological Sc. and Rural development	SMS
2021	ParyavaranMitraPuraskaar	Dr. Vinay Kr. Singh	Society of Biological Sc. and Rural development	SMS
2021	Life Time Achievement Award	Dr. Arvind Kumar Singh	Pragatisheel Kisan Vikas Sewa Sanstahan	Sr. Scientist and Head
2021	Scientist of the Year Award	Dr. Manoj Kr. Singh	Society of Biological Sc. and Rural development	SMS
2021	Fellowship Award	Dr. Narendra Raghuvanshi	ISNS, Chennai	Sr. Scientist and Head
2021	Sarvshrestha Krishi Samman	Dr. Narendra Raghuvanshi	IARI, New Delhi	Sr. Scientist and Head
2021	Utkrishta Samman	KVK Varanasi	Agriculture Department, Varanasi	-
2021	Outstanding Award	Dr. S.N. Singh	ANDUAT, Ayodhya	Sr. Scientist and Head
2021	Outstanding Award	Dr. D.K. Srivastava	ANDUAT, Ayodhya	SMS
2021	Outstanding Award	Banarasi Lal	ANDUAT, Ayodhya	cook
2022	Life Time Achievement Award	Dr. A.P. Rao	GAPS, Dhanbad	Director Extension
2022	Fellowship for the year 2022	Dr. R.R. Singh	International Society for NONI science Chennai, India	Prof. Soil Sci.
2022	Achiever Award-2021 along with placed in the permanent Honorary Board of Society	Dr. R.R. Singh	SADHNA, Dr. Y.S. Parmar University of Horticulture and Forestry, PO. Nauni, Solan 173230 Himanchal Pradesh, India.	Prof. Soil Sci.
2022	Outstanding Scientist Award	Dr. K.M. Singh	INSO	Sr. Scientist and Head
2022	Distinguished Achievement Award	Dr. Arvind Kumar Singh	GAPS, Dhanbad	Sr. Scientist and Head
2022	Distinguished Achievement Award	Dr. Arvind Kumar Singh	GAPS, Dhanbad	Sr. Scientist and Head
2022	Young Scientist award	Dr. Manoj Kumar	SSDAT	SMS

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FINANCE

The total budget (Rupees in crores) of the University for the Financial Year 2021-2022 is given below:-

S.N.	Recipt from	Amount (Crores)
1.	State Government	83.6601
2.	Central Government	65.5883
3.	Private Sector	01.1167
4.	Revenue generated	15.9049
Total		**166.2700**

Revenue generation during FY 2021-22:-

S.N.	Recipt from	Amount (Crores)
1.	Tuition Fee	13.24
2.	Sale of Inputs	01.649
3.	Others (Bank intrest, instituitional charges, advertisements)	01.0159
	Total	**15.9049**

UNIVERSITY IN MEDIA

मोहनधारा 12-07-2021

जनसंख्या को लेकर जागरूकता का अभाव : डॉ बिजेंद्र सिंह

मोहन धारा संवाददाता
अयोध्या। विश्व जनसंख्या दिवस हर वर्ष आज के दिन जनसंख्या नियंत्रण के उद्देश्य से मनाया जाता है देश में जनसंख्या विस्फोट ने हमारे विकास को सबसे ज्यादा प्रभावित किया है जितनी बड़ी देश की जनसंख्या होगी उतनी ही बड़ी समस्याएं, इसलिए बढ़ी हुई जनसंख्या को कम करना बेहद आवश्यक है। आज दिनांक 11 जुलाई 202[illegible] को आचार्य नरेंद्र देव कृषि ए[illegible] प्रौद्योगिक विश्वविद्याल[illegible] कुमारगंज अयोध्या [illegible] आज विश्व जनसंख्[illegible] दिवस के अवसर प[illegible] विश्वविद्यालय के कुलपति डॉ बिजेंद्र सिंह ने बढ़त[illegible] हुई जनसंख्या नियंत्र[illegible] के उपायों पर चर्चा कर[illegible] हुए कहा कि बढ़ती हु[illegible] जनसंख्या के लिए गरीबी शिक्षा एवं जनसंख्या को लेक[illegible] जागरूकता का अभाव है। जिसक[illegible] कारण हमारे सामने जो दिक्क[illegible] हैं, उससे पारस्थिकी तंत्र [illegible] मानवता को जो नुकसान पहुंचत[illegible] है उसके प्रति जागरूक कर[illegible] के लिए इस दिन को मनाय[illegible] जाता है।

राष्ट्रीय सहारा 10/3/22

कृषक महिलाओं को आय सृजन बढ़ाने पर जोर

कृषि विवि में दो दिवसीय कार्यशाला का समापन

अयोध्या। आचार्य नरेंद्रदेव कृषि एवं प्रौद्योगिक विवि के सामुदायिक विज्ञान महाविद्यालय में राष्ट्रीय कृषि विकास योजना द्वारा वित्त पोषित परियोजना श्रम दक्षता प्रयोगशाला में जोखिम विश्लेषण द्वारा कृषक महिलाओं में स्वास्थ्य जोखिम कम करना नामक परियोजना में कार्यशाला का समापन हुआ। मुख्य अतिथि कुलपति डा. बिजेंद्र सिंह रहे।

परियोजना की मुख्य अन्वेषक डा. आभा सिंह ने महिलाओं को आय सृजन गतिविधियों के बारे में बताया। कहा कि आय सृजन गतिविधियों को अपनाकर महिलाएं अपने तथा परिवार की आय में भी वृद्धि कर सकती है, जो महिला सशक्तिकरण हेतु एक सार्थक प्रयास होगा।

कार्यशाला में कुल 78 कृषक महिलाओं ने प्रतिभाग किया। सामुदायिक विज्ञान महाविद्यालय की अधिष्ठाता डा. नमिता जोशी एवं वैज्ञानिक डा. सुमन मौर्या, डा. सरिता श्रीवास्तव, डा. साधना सिंह, डा. विभा परिहार, डा. पूनम सिंह आदि ने अपने व्याख्यान दिए। संचालन डा. प्राची शुक्ला एवं धन्यवाद प्रस्ताव डा. साधना सिंह द्वारा किया गया।

कार्यशाला में महिलाओं द्वारा बनाए उत्पाद का अवलोकन करते कुलपति डा. बिजेंद्र सिंह।

राष्ट्रीय सहारा 12-07-2021

जनसंख्या को लेकर जागरूकता का अभाव : डा. सिंह

कृषि विवि में ग्रामीणों को जनसंख्या दिवस पर जागरूक करते प्राध्यापक।

विश्व जनसंख्या दिवस पर विविध कार्यक्रम आयोजित

अयोध्या। विश्व जनसंख्या दिवस पर कृषि व अवध विवि में जागरूकता अभियान चलाया गया। कृषि विवि से संबद्ध सामुदायिक विज्ञान महाविद्यालय द्वारा निशुल्क रक्तजांच, स्वास्थ्य संबंधी जानकारी एवं बच्चों के लिए प्रतियोगात्मक कार्यक्रम आयोजित किया गया।

कुलपति डा. बिजेंद्र सिंह ने बढ़ती हुई जनसंख्या नियंत्रण के उपायों पर चर्चा करते हुए कहा कि बढ़ती हुई जनसंख्या के लिए गरीबी, शिक्षा एवं जनसंख्या को लेकर जागरूकता का अभाव है। जिसके कारण हमारे सामने जो दिक्कतें हैं, उससे पारस्थिकी तंत्र व मानवता को जो नुकसान पहुंचता है।

मीडिया प्रभारी डा. अखिलेश कुमार सिंह ने बताया कि विवि के खाद्य विज्ञान एवं पोषण विभाग तथा परिसर चिकित्सालय द्वारा सामुहिक रूप से ग्राम लाल का पुरवा में जागरूकता कार्यक्रम का आयोजन किया गया। कार्यक्रम की संयोजक डा. साधना सिंह, विभागाध्यक्ष खाद्य विज्ञान एवं पोषण विभाग ने बताया कि कुलपति तथा अधिष्ठाता, सामुदायिक विज्ञान महाविद्यालय डा. नमिता जोशी के दिशा निर्देशन में आयोजित कार्यक्रम में सुरक्षित मातृत्व, महिलाओं में स्तन कैंसर व सर्वाइकल कैंसर, महिला व बाल कुपोषण कारण व निवारण तथा टीकाकरण के महत्व विषयों पर वृहद चर्चा हुई।

अवध विवि ने गांव में चलाया जागरूकता अभियान

डा. राममनोहर लोहिया अवध विवि के महिला अध्ययन केंद्र, स्वास्थ्य विभाग तथा एक्टिविटी क्लब द्वारा महिला विस्तार गतिविधि के अंतर्गत ग्राम पंचायत माधवपुर मसौधा में जनसंख्या नियंत्रण जागरूकता कार्यक्रम का आयोजन कोविड प्रोटोकॉल में किया गया। अध्यक्षता कुलपति प्रो. रविशंकर सिंह किया।

राष्ट्रीय सहारा 17/4/2022

कृषि विवि का कुलाधिपति के विशेष कार्याधिकारी ने किया भ्रमण

अयोध्या। आचार्य नरेंद्रदेव कृषि एवं प्रौद्योगिकी विवि में कुलाधिपति एवं प्रदेश की राज्यपाल श्रीमती आनंदीबेन पटेल के विशेष कार्याधिकारी डा. पंकज एल. जनी ने शनिवार को विवि का भ्रमण किया। उन्होंने डा. नरेंद्रदेव की प्रतिमा पर माल्यार्पण कर पौधरोपण किया।

विवि के निरीक्षण को पहुंचे विशेष कार्याधिकारी ने सामुदायिक विज्ञान महाविद्यालय में छात्राओं द्वारा आयोजित हुनर हाट का उद्घाटन किया। कुलपति डा. बिजेंद्र सिंह की उपस्थिति में वरिष्ठ अधिकारियों से मुलाकात की। विवि के न्यूज़लेटर एवं अन्य पुस्तकों का विमोचन किया। कुलपति से परिसर की शैक्षिक गतिविधियों, नई शिक्षा नीति के संबंध के साथ अन्य बिंदुओं पर विस्तृत चर्चा की।

विशेष कार्याधिकारी ने विवि में स्थित डेयरी, नेहरू पुस्तकालय, नवनिर्मित शोध प्रक्षेत्र, खेल मैदान, उद्यान प्रक्षेत्र आदि का भी भ्रमण किया। छात्र-छात्राओं से हास्टल में जाकर संवाद कर शैक्षिक गतिविधियों के बारे में जाना।

नई शिक्षा नीति व शिक्षा की गुणवत्ता बढ़ाने पर हुई चर्चा

विवि के मीडिया प्रभारी डा. अखिलेश कुमार सिंह ने बताया कि डा. जानी ने विवि परिसर की सुंदरता साफ सफाई एवं विशवविद्यालय के शैक्षणिक माहौल की प्रशंसा की। भ्रमण के दौरान निदेशक प्रसार डा. एपी राव, अधिष्ठाता पशु चिकित्सा महाविद्यालय डा. आरके जोशी, अधिष्ठाता छात्र कल्याण डा. डी नियोगी, अधिष्ठाता सामुदायिक विज्ञान महाविद्यालय डा. नमिता जोशी, सहायक प्रशासनिक अधिकारी अशोक कुमार सिंह, कुलसचिव डा. डीके द्विवेदी, जसवंत सिंह, डा. सीताराम मिश्रा सहित अन्य शामिल थे।

कृषि विवि में हुनर हाट का भ्रमण करते कुलाधिपति के विशेष कार्याधिकारी, साथ में कुलपति डॉ. बिजेंद्र सिंह। फोटो : एसएनबी

सरंजना टाइम्स 8/9/21

कृषि विश्वविद्यालय द्वारा पोषण जागरूकता कार्यक्रम सप्ताह का समापन

शान्ति मोर्चा 3/9/2021

पांच दिवसीय प्रशिक्षण व पोषण जागरूकता कार्यक्रम का हुआ शुभारम्भ

कृषि विवि द्वारा आयोजित प्रशिक्षण व पोषण जागरूकता कार्यक्रम।

दैनिक भास्कर 20/1/2022

राष्ट्रीय कृषि विकास योजना के तहत महिलाओं को दिया गया प्रशिक्षण

कृषि विश्वविद्यालय में 400 महिलाएं हुईं प्रशिक्षित

भास्कर ब्यूरो
अयोध्या। आचार्य नरेंद्र देव कृषि एवं प्रौद्योगिक विश्वविद्यालय कुमारगंज, अयोध्या के सामुदायिक विज्ञान महाविद्यालय के पारिवारिक संसाधन प्रबंधन एवं उपभोक्ता विज्ञान विभाग द्वारा 400 महिलाओं का प्रशिक्षण कार्यक्रम चार चरणों में, तीन दिवसीय, 7 जनवरी से 18 जनवरी तक अयोध्या एवं सुल्तानपुर 2 जनपदों के क्रमशः 8-8 गांव (16 गांव), की महिलाओं का प्रशिक्षण सफलतापूर्वक संपन्न हुआ।

यह प्रशिक्षण राष्ट्रीय कृषि विकास योजना द्वारा वित्त पोषित 'श्रम दक्षता प्रयोगशाला में जोखिम विश्लेषण' नामक परियोजना के अंतर्गत दक्षता पूर्वक कृषक महिलाओं में स्वास्थ्य जोखिम कम करने हेतु चलाए जा रहा है। जिसके अंतिम चरण के प्रशिक्षण का समापन 18 जनवरी को सामुदायिक विज्ञान महाविद्यालय के सभागार में संपन्न हुआ। समापन समारोह कार्यक्रम के मुख्य अतिथि विश्वविद्यालय के कुलपति डॉ बिजेंद्र सिंह ने कार्यक्रम के सफलतापूर्वक समापन की बधाई देते हुए महिलाओं को स्वच्छ भोजन, स्वच्छ जल एवं वातावरण की साफ सफाई पर ध्यान देने पर विशेष जोर देते हुए कहा कि भविष्य में भी विश्वविद्यालय में इस प्रकार के प्रशिक्षण कराए जाते रहेंगे।

विश्वविद्यालय के मीडिया प्रभारी डॉ अखिलेश कुमार सिंह ने बताया कि इस प्रशिक्षण में मुख्य रूप से गलत मुद्रा में कार्य करने से होने वाले जोखिम, स्वच्छता, महिलाओं के लिए उपयोगी कृषि यंत्र, कृषि से जुड़े उद्योग, महिलाओं में खून की कमी के कारण एवं निवारण, कृषि कार्यों में जोखिम तथा उसे दक्षता पूर्वक दूर करने के उपाय, पूरक आहार बनाने का प्रशिक्षण, वस्त्रों की देखभाल व रखरखाव, आर्थिक सशक्तिकरण हेतु अधिकार व कार्यक्रम, खाद्य स्वच्छता, औषधि एवं फलदार पौधों की खेती, बकरी पालन, धान मक्का एवं सब्जी की बुवाई में प्रयोग होने वाले यंत्रों के बारे में विस्तृत प्रशिक्षण, प्रदर्शन एवं विभिन्न क्षेत्रों का भ्रमण भी कराया गया। परियोजना की मुख्य अन्वेशक डॉ. आभा सिंह ने बताया कि प्रशिक्षण के दौरान महिलाओं ने मसाला पीसने, फ्रूट हार्वेस्टर, निराई गुड़ाई एवं धान तथा मक्का की बुवाई करने वाले यंत्रों में विशेष रुचि तथा कार्य करने के विभिन्न सही मुद्राओं को अपनाकर जोखिम कम करने में अपनी विशेष रुप से उत्सुकता दिखाई। सामुदायिक विज्ञान महाविद्यालय की अधिष्ठाता डॉ नमिता जोशी ने कार्यक्रम में प्रशिक्षण देने वाले वैज्ञानिक डॉ. सुमन मौर्य, डॉ आभा सिंह, डॉ पूनम सिंह, डॉ ए के सिंह, डॉ साधना सिंह, डॉ सरिता श्रीवास्तव, डॉ. विभा परिहार, डॉ प्राची शुक्ला, डॉ स्नेह सिंह, डॉ डी राम, डॉ भानु प्रताप, डॉ. मुकेश, डॉ. रविंदर सिंह एवं डॉ मनोज सिंह को धन्यवाद दिया तथा प्रशिक्षण को सफल बनाने में डॉ सुमंत प्रताप, डॉ. आनंद कुमार, अंकिता सिंह आदि एवं फसल कार्यिकी विभाग के पीएचडी एवं एमएससी के छात्र-छात्राओं तथा सामुदायिक विज्ञान महाविद्यालय के कर्मचारियों के सहयोग हेतु धन्यवाद दिया।

कृषि विश्वविद्यालय में प्रथम सेमेस्टर परीक्षा संपन्न

अयोध्या। आचार्य नरेंद्र देव कृषि एवं प्रौद्योगिक विश्वविद्यालय कुमारगंज, अयोध्या में कुलपति डॉ बिजेंद्र सिंह के कुशल एवं सजग प्रशासनिक कार्य क्षमताओं के परिणाम स्वरूप विश्वविद्यालय में संचालित समस्त कक्षाओं की प्रथम सेमेस्टर की परीक्षा (बीएससी प्रथम वर्ष को छोड़कर) समयानुसार संपन्न करा दी गई है। तथा वर्तमान में अगले सेमेस्टर हेतु कोविड-19 संक्रमण को ध्यान में रखते हुए कुलपति के दिशा निर्देशन एवं देखरेख में ऑनलाइन कक्षाएं संचालित की जा रही है।

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महिलाओ को दी बाल अधिकार व सम्बन्धित कानून की जानकारी

कृषि विश्वविद्यालय द्वारा अन्तर्राष्ट्रीय बाल सुरक्षा दिवस पर आयोजित हुआ कार्यक्रम


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