



स्मारिका SOUVENIR

22nd Convocation
FRIDAY, 12TH MARCH 2021



आचार्य नरेन्द्र देव कृषि एवं प्रौद्योगिक विश्वविद्यालय
ACHARYA NARENDRA DEV UNIVERSITY OF AGRICULTURE & TECHNOLOGY





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कुमारगंज, अयोध्या-224229 (उ०प्र०) भारत

ACHARYA NARENDRA DEVA UNIVERSITY OF AGRICULTURE & TECHNOLOGY

Kumarganj, Ayodhya-224229 (U.P.) INDIA Website: www.nduat.org



Acharya Narendra Deva University of Agriculture & Technology

Kumarganj, Ayodhya-224229 (U.P.) INDIA Website: www.nduat.org

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सत्यमेव जयते

प्रधान मंत्री
Prime Minister

संदेश

आचार्य नरेन्द्र देव कृषि एवं प्रौद्योगिक विश्वविद्यालय, कुमारगंज के 22वें दीक्षांत समारोह के बारे में जानकर प्रसन्नता हुई है। इस अवसर पर स्मारिका का प्रकाशन सराहनीय है। दीक्षा प्राप्त कर रहे सभी विद्यार्थियों को मेरी शुभकामनाएं।

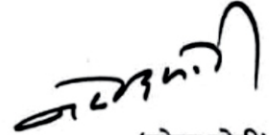
किसान कल्याण को समर्पित सरकार ने अन्नदाता की छोटी-छोटी दिक्कतों को दूर करने और उसे भविष्य की जरूरतों के लिए तैयार करने के लिए सतत और समग्र कदम उठाए हैं। सिंचाई से लेकर बुआई और कटाई से लेकर कमाई तक, खेती को आधुनिक बनाने और तकनीक के जरिए किसानों की समृद्धि सुनिश्चित करने के लिए हम लगातार दृढसंकल्पित प्रयास कर रहे हैं।

खेती, पशुपालन, डेयरी और फिशरीज सेक्टर को ऋण सहित अन्य जरूरी सुविधाएं सहजता से उपलब्ध कराने के लिए उठाए गए व्यापक कदम हमारे कृषि क्षेत्र को, हमारे ब्लू इकॉनमी के क्षेत्र को और हमारे श्वेत क्रांति के क्षेत्र को नयी मजबूती दे रहे हैं।

इन क्षेत्रों से जुड़े करोड़ों लोगों की समृद्धि के लिए हमारा फोकस आज तकनीक, शोध और नवाचार के अधिकाधिक इस्तेमाल पर है। इस दिशा में कृषि से जुड़े अनुसंधान संस्थानों और विश्वविद्यालयों की भूमिका अहम् है।

मुझे विश्वास है कि उच्च उत्पादकता और लाभकारिता से हमारे मेहनती किसान साथियों को जोड़ने के लिए तकनीक-आधारित साइंटिफिक इकोसिस्टम के निर्माण में कृषि विश्वविद्यालय से शिक्षा प्राप्त कर निकलने वाले विद्यार्थी अपना बहुमूल्य योगदान देंगे।

एक बार पुनः विश्वविद्यालय के अध्यापकों और विद्यार्थियों को दीक्षांत समारोह के लिए हार्दिक शुभकामनाएं।


(नरेन्द्र मोदी)

नई दिल्ली
फाल्गुन 17, शक संवत् 1942
08 मार्च, 2021
डॉ. बिजेन्द्र सिंह
कुलपति
आचार्य नरेन्द्र देव कृषि एवं प्रौद्योगिक विश्वविद्यालय
कुमारगंज, अयोध्या
उत्तर प्रदेश- 224229

Anandiben Patel
Governor, Uttar Pradesh



Raj Bhavan
Lucknow - 226 027

8 March, 2021

Message

I am extremely delighted to learn that 22nd convocation of Acharya Narendra Deva University of Agriculture and Technology, Ayodhya is going to be held on 12th March, 2021. To mark the occasion a souvenir is also being published.

It is always a very proud moment for the students and their parents for which they have been waiting for long. Hard work isn't over when you just get a degree to become professional. It is just start of a new phase of your life as you enter the new battlefields of life.

All of you had worked so hard and now you have successfully completed your degree and have chosen a profession of serving the nation. May your career bring you and the society much happiness! I wish the Convocation a great success.

I extend my best wishes for the successful publication of the souvenir.

Anandi Patil
(**Anandiben Patel**)

Yogi Adityanath



**CHIEF MINISTER
UTTAR PRADESH**

No: G.156/c.m.2/2021.

**Lok Bhawan,
Lucknow - 226001**

Date : 11 MAR 2021

Message

I am happy to know that Acharya Narendra Deva University of Agriculture & Technology, Ayodhya is organising its 22nd Annual Convocation on 12th March, 2021.

University education provides high-level training and skills for various professions. Thus, it plays an important role in the development of an individual. It is commendable that Acharya Narendra Deva University of Agriculture & Technology, Ayodhya is committed to provide quality education to its students. I am confident that this institution would continue its efforts with dedication and commitment in future as well.

On this occasion, I convey my best wishes to the students and wish the Convocation Ceremony all success.


(Yogi Adityanath)

नरेन्द्र सिंह तोमर
NARENDRA SINGH TOMAR

D.O. No. 122 /AM



कृषि एवं किसान कल्याण,
ग्रामीण विकास और पंचायती राज मंत्री
भारत सरकार
कृषि भवन, नई दिल्ली
MINISTER OF AGRICULTURE & FARMERS WELFARE,
RURAL DEVELOPMENT AND PANCHAYATI RAJ
GOVERNMENT OF INDIA
KRISHI BHAWAN, NEW DELHI

20th February, 2021



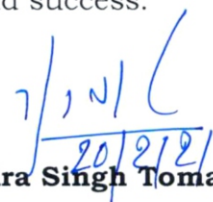
MESSAGE

I am glad to know that Acharya Narendra Deva University of Agriculture and Technology is organizing its 22nd convocation on 12th March 2021 and a souvenir would also be published on this occasion.

Over the years, this University has released numerous improved varieties of crops, fruits and vegetables which are not only famous in Uttar Pradesh but acknowledged and acclaimed nationwide.

I extend my warmest blessings to students of this University and hope that the practical knowledge they have gained in this renowned institution, will prove to be useful for rural masses.

I congratulate the recipients of degrees as well as medals and wish success in their future life. I wish the Convocation a grand success.


(Narendera Singh Tomar)

गिरिराज सिंह
GIRIRAJ SINGH



मत्स्यपालन, पशुपालन एवं डेयरी मंत्री
भारत सरकार
MINISTER FOR FISHERIES,
ANIMAL HUSBANDRY & DAIRYING
GOVERNMENT OF INDIA

शुभकामना संदेश

मुझे यह जानकर प्रसन्नता है कि आचार्य नरेंद्र देव कृषि एवं प्रौद्योगिक विश्वविद्यालय, अयोध्या, उत्तर प्रदेश 12 मार्च, 2021 को अपना 22 वां दीक्षांत समारोह आयोजित कर रहा है।

मुझे उम्मीद है कि यह विश्वविद्यालय कृषि शिक्षा से संबंधित चुनौतियों का कुशलता से सामना करने के साथ-साथ किसानों की जरूरतों को पूरा करने के लिए पूरी क्षमता से काम करेगा। यद्यपि विश्वविद्यालय ने बहुत सारी उपलब्धियां हासिल की हैं फिर भी खेती की लागत को कम करके और संसाधनों को नुकसान पहुंचाए बिना लाभ में वृद्धि करके कृषि के संरक्षण पर काम करने व कृषि को एक व्यवहार्य उद्यम के रूप में विकसित करने की आवश्यकता है।

मैं डिग्री एवं पदक प्राप्त करने वाले छात्रों को बधाई देता हूँ एवं भावी जीवन में उनकी सफलता की कामना करता हूँ। मैं दीक्षांत समारोह की सफलता के लिए भी कामना करता हूँ।


(गिरिराज सिंह)

कैलाश चौधरी
KAILASH CHOUDHARY



कृषि एवं किसान कल्याण
राज्य मंत्री
भारत सरकार
MINISTER OF STATE FOR AGRICULTURE
& FARMERS WELFARE
GOVERNMENT OF INDIA

MESSAGE

I feel great joy to know that Acharya Narendra Deva University of Agriculture and Technology is going to organize its 22nd convocation on 12th March, 2021 and on this occasion a souvenir would also be published.

Indian agriculture has witnessed its significant growth after mid sixties. The Food, nutritional and environmental security are urgent need of the hour. Therefore, we are in urgent need to uplift the productivity, quality and income of the farmers through integrated farming system, for which the agriculture should be transformed by developing advanced technologies, professional skills, social ethics and scientific will power.

The knowledge gained by students from this reputed institution will be advantageous in rendering valuable services to rural masses.

I extend my best wishes to degree and gold medal recipients and hope that they will use their knowledge aptly and judiciously in nation building.

I wish the Convocation a grand success.

(Kailash Choudhary)

Dated 16.02.2021
New Delhi

परशोत्तम रूपाला
PARSHOTTAM RUPALA



सत्यमेव जयते

राज्य मंत्री
कृषि एवं किसान कल्याण
भारत सरकार
Minister of State For
Agriculture & Farmers Welfare
Government of India
D.O. No.....MOS(A&FW)/VIP/2019-20/

24th February, 2021

Message

It is a matter of great delight to know that Acharya Narendra Deva University of Agriculture and Technology is organizing its 22nd convocation on 12th March, 2021 and on this occasion a souvenir would also be published.

This University is playing pivotal role in uplifting the socio-economic development of farmers and holistic and inclusive growth of the nation. I am sure that, the University will continue its efforts for addressing the emerging issues of increasing crop production and productivity through optimal use of agricultural resources.

I wish the convocation a grand success.


(Parshottam Rupala)

सूर्य प्रताप शाही

मंत्री

कृषि, कृषि शिक्षा एवं
कृषि अनुसंधान विभाग,
उत्तर प्रदेश



कार्यालय, दूरभाष/फैक्स : 2239247

सी.एच. : 2213256

कार्यालय कक्ष संख्या 69-70

मुख्य भवन

पत्र सं० 163.....V/P/मंत्री/कृ.कृ.शि.कृ.अनु./2021

दिनांक 08/2/2021

दिनांक :



शुभकामना-सन्देश

पूर्वी उत्तर प्रदेश के कृषि क्षेत्र के अन्तर्गत किसानों के हित व कृषि महत्त्व के दृष्टिगत कृषि शिक्षा, शोध एवं प्रसार कार्यों के प्रभावी परिणाम तथा उनकी गतिशीलता बनाये रखने के लिए 10 अक्टूबर, 1975 को आचार्य नरेन्द्र देव कृषि एवं प्रौद्योगिक विश्वविद्यालय, कुमारगंज, अयोध्या की स्थापना की गयी। कृषि फसलों की विभिन्न प्रजातियों के उन्नयन के लिए नवीन तकनीक विकसित किये जाने हेतु विश्वविद्यालय द्वारा सराहनीय प्रयास किये गये जिससे धान, गेहूं, तिलहन, दलहन, आंवला, बेल, विभिन्न फल तथा सब्जियां यथा लौकी, टमाटर, मटर इत्यादि की लगभग 182 उन्नत प्रजातियां विकसित हुईं। ग्रामीण नवयुवकों को कृषि व अन्य व्यावसायिक प्रशिक्षण प्रदान करने में विश्वविद्यालय की भूमिका को अनदेखा नहीं किया जा सकता। विश्वविद्यालय द्वारा दिये गये दीर्घकालिक व्यावसायिक प्रशिक्षण व स्वरोजगार अपनाने की प्रेरणा से नवयुवकों का भविष्य निश्चय ही उज्ज्वल हुआ है।

कोविड-19 जैसी वैश्विक बीमारी के चिंताजनक क्षणों में भी विश्वविद्यालय के समस्त कार्मिकों, छात्र-छात्राओं एवं वैज्ञानिकों द्वारा अदम्य साहस व धैर्य का परिचय देते हुए महामारी का सफलतापूर्वक सामना किया गया और अपने कर्तव्यों एवं दायित्वों का सम्यक् निर्वहन किया गया। इस कठिन समय को अपनी लगन, मेहनत व सूझ-बूझ से ऑन-लाइन क्लासेज चलाकर कोर्स को पूरा करने के लिए सभी प्रशंसा के पात्र हैं।

मुझे जानकर अत्यन्त प्रसन्नता हुई है कि आचार्य नरेन्द्र देव कृषि एवं प्रौद्योगिक विश्वविद्यालय, कुमारगंज, अयोध्या अपने 22वें दीक्षान्त समारोह का आयोजन दिनांक 12 मार्च, 2021 को कर रहा है। इस अवसर पर विश्वविद्यालय एक स्मारिका का प्रकाशन भी कर रहा है। मैं स्मारिका के प्रकाशन व विश्वविद्यालय के 22वें दीक्षान्त समारोह के सफल आयोजन हेतु अपनी हार्दिक शुभकामनाएं प्रेषित करता हूँ तथा कामना करता हूँ कि विश्वविद्यालय से उपाधि प्राप्त करने वाले समस्त छात्र-छात्राएं अपनी योग्यता से कृषि के क्षेत्र में अपना और विश्वविद्यालय की ख्याति को अर्जित करेंगे।

सभी को पुनः मेरी शुभकामनाएं।

आपका,

(सूर्य प्रताप शाही)

डॉ० बिजेन्द्र सिंह,

कुलपति,

आचार्य नरेन्द्र देव कृषि एवं प्रौद्योगिक विश्वविद्यालय,
कुमारगंज, अयोध्या।

लाखन सिंह राजपूत

राज्य मंत्री
कृषि, कृषि शिक्षा एवं अनुसंधान विभाग
उत्तर प्रदेश



उत्तर प्रदेश सचिवालय,
F1/2, बापू भवन, पंचम तल,
लखनऊ
दूरभाष : 0522-2235342(का०)

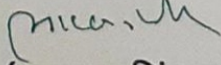
दिनांक :



संदेश

नरेन्द्र देव कृषि एवं प्रौद्योगिक विश्वविद्यालय द्वारा पूर्वी उत्तर प्रदेश के क्षेत्रीय युवाओं को कृषि विज्ञान की विभिन्न विधाओं विशेषकर खेतीबाड़ी, ग्रामीण विकास, ग्रामीण उद्योग तथा व्यापार एवं अन्य सम्बन्धित विषयों जैसे—पशुपालन, उद्यान, गृह विज्ञान, मत्स्य पालन एवं कृषि अभियंत्रण में कृषकों/ग्रामवासियों को जागरूक तथा शिक्षित बनाने के लिये कृषि विश्वविद्यालयों के विभिन्न संकायों/विभागों द्वारा विकसित नवीन कृषि तकनीकों को विभिन्न प्रसार केन्द्रों जैसे कृषि विज्ञान केन्द्र, कृषि ज्ञान केन्द्र, क्षेत्रीय शोध केन्द्रों के माध्यम से प्रसार कार्यो जैसे—प्रदर्शन, प्रशिक्षण, परीक्षण, किसान मेला गोष्ठी व सामयिक साहित्य द्वारा कृषकों तक पहुंचना है। विश्वविद्यालय की शोध उपलब्धियों को विभिन्न योजनाओं तथा विभिन्न जनपदों में स्थित कृषि विज्ञान केन्द्रों/कृषि ज्ञान केन्द्रों द्वारा संबंधित जनपदों में कृषकों की समस्याओं के आधार पर कार्य योजना तैयार कर नवीनतम तकनीकी का प्रचार—प्रसार किया जा रहा है।

मुझे यह जानकर प्रसन्नता हो रही है कि विश्वविद्यालय द्वारा 22वां दीक्षान्त समारोह दिनांक 12 मार्च 2021 को आयोजित किया जा रहा है। इस अवसर पर विश्वविद्यालय एक स्मारिका का प्रकाशन भी कर रहा है। मेरी शुभेच्छा है कि उपाधि प्राप्त करने वाले सभी छात्र—छात्रायें अपनी योग्यता से कृषि के क्षेत्र में इस विश्वविद्यालय का गौरव बढ़ाये। दीक्षान्त समारोह के सफल आयोजन के लिये मैं अपनी हार्दिक शुभकामनायें प्रेषित करता हूँ।


9/21/2021
(लाखन सिंह राजपूत)



सत्यमेव जयते

त्रिलोचन महापात्र, पीएच.डी.

सचिव एवं महानिदेशक

TRILOCHAN MOHAPATRA, Ph.D.
SECRETARY & DIRECTOR GENERAL



भारत सरकार
कृषि अनुसंधान और शिक्षा विभाग एवं
भारतीय कृषि अनुसंधान परिषद
कृषि एवं किसान कल्याण मंत्रालय, कृषि भवन, नई दिल्ली 110 001

GOVERNMENT OF INDIA
DEPARTMENT OF AGRICULTURAL RESEARCH & EDUCATION
AND
INDIAN COUNCIL OF AGRICULTURAL RESEARCH
MINISTRY OF AGRICULTURE AND FARMERS WELFARE
KRISHI BHAVAN, NEW DELHI 110 001
Tel.: 23382629; 23386711 Fax: 91-11-23384773
E-mail: dg.icar@nic.in

Message

I am pleased to know that Acharya Narendra Deva University of Agriculture and Technology, Kumarganj, Ayodhya is organizing its 22nd Convocation on 12th March 2021 and on this occasion a souvenir would also be published.

This is a prestigious university of Uttar Pradesh and provides leadership in teaching, research and extension services in the field of agriculture and allied sciences. University is extensively working for the farming community of this area. About 200 improved varieties in the field and horticultural crops have been developed and a number of technologies for fruits and vegetable cultivation provided by the university. The emphasis laid on educating youth with the latest know-how of learning and disseminating the improved technologies has been a strength of the university. The achievements made by the university are encouraging, however, there is still a need to work on development of many modern agriculture technologies which may smoothly cope up the challenges posed by climatic change and to enhance income of farming communities. There is a need to provide emphasis on research in developing market chains and work on value addition in agriculture commodities for enhancing the farmer income.

I congratulate the students receiving degrees as well as medals and wish them success in their future life.

I wish the 22nd Convocation a grand success.


(T. Mohapatra)

Date: 15th February 2021
Place: New Delhi-110 001

Rajendra Kumar Tiwari
I.A.S.



Lok Bhawan
Lucknow-226001
Uttar Pradesh
E-mail : csup@nic.in
Ph.:(0522)2289212, 2289296 (O)
(0522)2239461, 2237299(R)
(0522)2239283 (Fax)



Date : **11** February, 2021

Message

I am very delighted to know that Acharya Narendra Deva University of Agriculture and Technology, Kumarganj, Ayodhya is organizing its 22nd convocation on 12th March, 2021. A souvenir would also be published on this occasion to communicate the message to general masses.

It is a matter of great pleasure that the University has developed over 182 varieties of important agricultural and horticultural crops suitable to even extreme conditions of climate and has been producing quality seeds of different classes of several crops to meet the requirement of the state. In spite of serious threat posed by Covid-19, this University has stood firm facing multiple challenges related to education, research and extension coming its way successfully with resounding zeal and conviction.

I would also like to extend my heartfelt applause to the whole University family and urge our young graduates to regard the achievements they are making today as the beginning of continuous process of learning.

I congratulate the recipients of degrees as well as medals and wish success in their future life and also wish the Convocation a grand success.

(Rajendra Kumar Tiwari)

Dr. Bijendra Singh

Vice-Chancellor,
Acharya Narendra Deva University of Agriculture & Technology,
Kumarganj, Ayodhya


ALOK SINHA
I.A.S

Agriculture Production Commissioner



D.O. No.....

Government of Uttar Pradesh
9-10, Multistory, Sachivalaya
Lucknow-226001

 : 0522-2238082, 2238145 (off)
E-mail: apcofficeup@gmail.com

Date : 17/02/2021

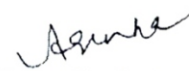
Message

It is a matter of great pleasure to know that Acharya Narendra Deva University of Agriculture and technology is organizing its 22nd convocation on 12th March, 2021 and on this occasion a souvenir would also be published to communicate the message to general masses.

I hope that keeping in view, various challenges related to agriculture in modern era, the university will fulfill its commitments to cope with them in an efficient manner and to arrange, implement and process services related to education, training transfer of agricultural information technology in the field of agriculture and its related fields.

I am sure that the university will continue its efforts for addressing the emerging issues of increasing crop production and productivity through optimal use of agricultural resources.

I congratulate to the students who will receive degrees as well as medals and also wish for success in their future life. I wish the convocation a grand success.


(Alok Sinha)

Dr. Devesh Chaturvedi
I.A.S.
Additional Chief Secretary



D. O. No. : 1355/ACC/Ag/2021

Agriculture, Agriculture Education and Research,
Agriculture Marketing, Agriculture Foreign Trade Department,
Government of Uttar Pradesh

25, Naveen Bhawan, U.P. Secretariat, Lucknow.

☎ Off. : 0522 - 2237617

Fax : 0522 - 2235488

Emai : psup.agri@gmail.com

Date : 15.02.2021



Message

It gives me huge pleasure to know that Acharya Narendra Deva University of Agriculture and Technology, Kumarganj, Ayodhya is organizing its 22nd convocation on 12th March, 2021 and on this occasion a souvenir would also be published to communicate the message to general masses.

Agricultural scientists must evolve novel technologies and strategies to counter the constraints in the way of sustainable development of the agriculture. I have been told that the University has made significant contribution in the field of agricultural research.

It is worth mentioning here that, the fortitude and patience shown by all scientists, teachers, employees and students during Covid-19 period is indeed commendable and all of them deserve kudos and token of appreciation.

I extend my best wishes to degree and gold medal recipients and hope that they will use their knowledge aptly and judiciously in nation building.

I wish the Convocation a grand success.


(Dr. Devesh Chaturvedi)

कुल गीत

यह कृषकों का तीर्थ मनोहर गुरुकुल की नगरी।
रहे अमर युग-युग तक कृषि उद्योग कला प्रहरी।।

यह आचार्य नरेन्द्र देव का स्मारक सुन्दर,
कृषि प्रौद्योगिक विश्वविद्यालय, कृषकों का मनहर।
कोटि-कोटि जनता की जिस पर आशा है ठहरी,
रहे अमर युग-युग तक कृषि उद्योग कला प्रहरी।।

थे दिलीप, रघु जहाँ राम-सीता के चरण पड़े,
हरिश्चन्द्र, इक्ष्वाकु, भगीरथ व्रत पर सदा अड़े।
बुद्ध, पतंजलि, आदिनाथ की ज्ञान ध्वजा फहरी,
रहे अमर युग-युग तक कृषि उद्योग कला प्रहरी।।

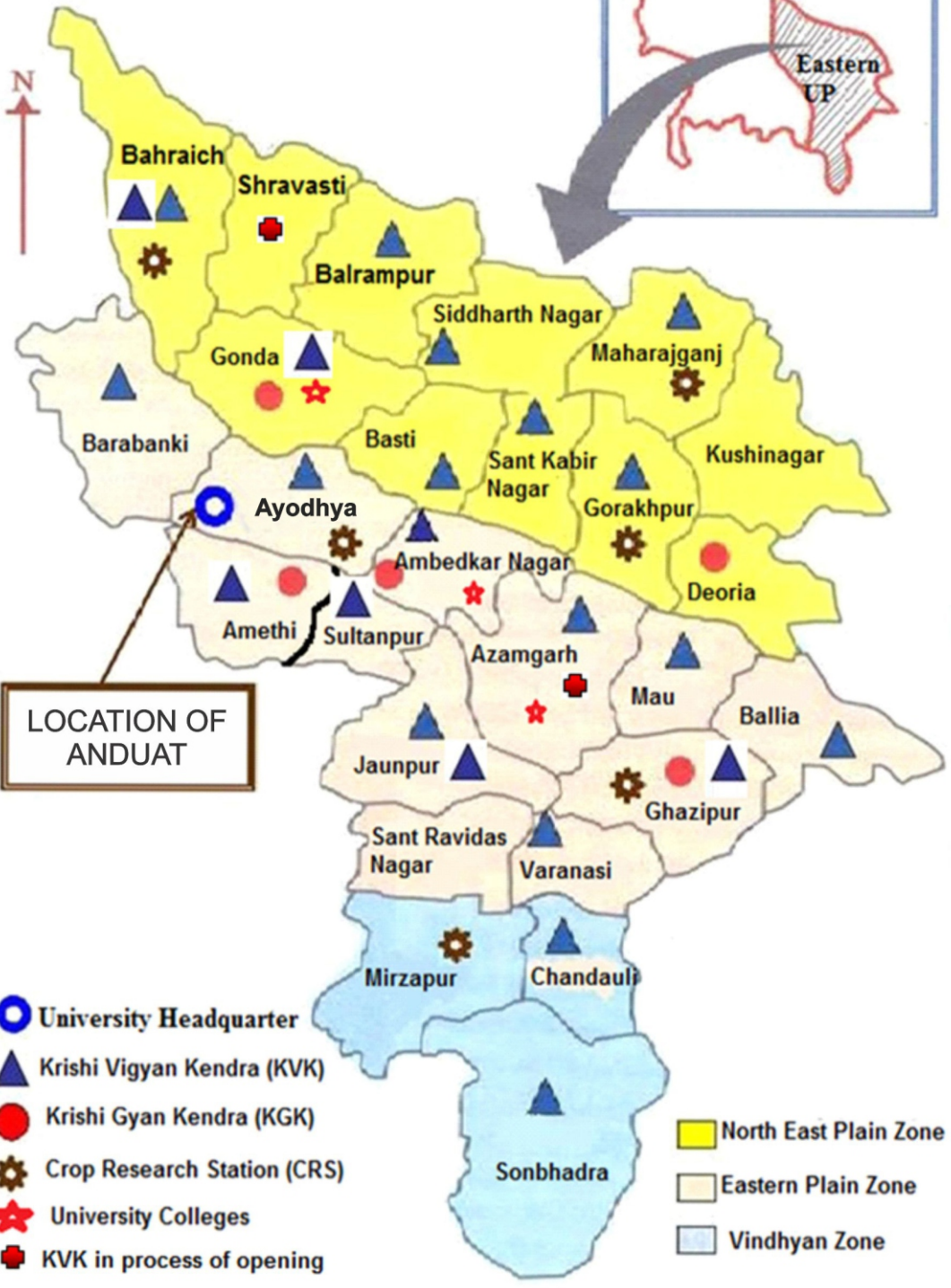
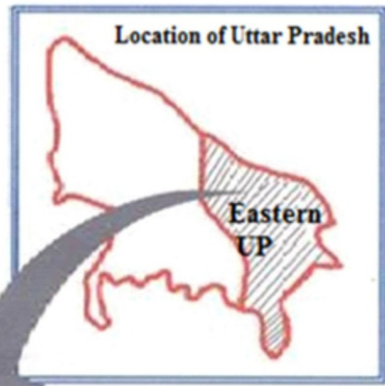
पावन अवध भूमि यह जिसकी कीर्ति धरा गाती,
सरयू, तमसा और गोमती जिसको दुलराती।
चरण पखार रही है गंगा की शत-शत लहरी,
रहे अमर युग-युग तक कृषि उद्योग कला प्रहरी।।

मथुरा, काबा, येरूशालम यह, कृषकों की काशी,
संत कबीर की पुण्य धरा है युग-युग अविनाशी।
जहाँ चतुर्दिक लहराती हैं फसलें हरी भरी,
रहे अमर युग-युग तक कृषि उद्योग कला प्रहरी।।

रामायण, बाइबिल, कुरान के मंत्रों की धारा,
अविरल, निर्झर सींच-सींच कर हरे कष्ट सारा।
शिक्षा, कर्म, धर्म, श्रम की दे शान्ति मोक्ष डगरी,
रहे अमर युग-युग तक कृषि उद्योग कला प्रहरी।।

कृषि, पशु, गृह विज्ञान, मत्स्य अरू प्रौद्योगिक शिक्षा,
विनय विवेकशील की जननी, गुरुकुल की दीक्षा।
अनुसंधान, पठन-प्रसार की नींव पड़ी गहरी,
रहे अमर युग-युग तक कृषि उद्योग कला प्रहरी।।

JURISDICTION
ACHARYA NARENDRA DEVA UNIVERSITY OF
AGRICULTURE & TECHNOLOGY,
KUMARGANJ, AYODHYA



- University Headquarter
- Krishi Vigyan Kendra (KVK)
- Krishi Gyan Kendra (KGK)
- Crop Research Station (CRS)
- University Colleges
- KVK in process of opening

- North East Plain Zone
- Eastern Plain Zone
- Vindhyan Zone



FROM THE DESK OF VICE CHANCELLOR

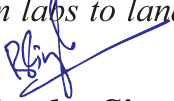
Indian agriculture has made rapid strides since independence. The remarkable progress in food production has enabled the country to graduate from its 'ship-to-mouth' status to 'self-sufficient' and even 'food-exporting' nation by now. Today India is the front ranking producer of many crops in the world, ushered in through the green, white, blue and yellow revolutions. One cannot deny the fact that the anatomy of global food and agriculture has undergone a complete metamorphosis in recent decades and we need to stride with the same pace not only to compete with the global standards but also to provide nutritious food to the increasing population. Food supplies need to increase by 60 percent of the current, as mentioned in World Agriculture towards 2030/2050. The demand of the time therefore calls for doubling farmers income by 2022 which can be achieved by taking strong measures to harness all possible sources of growth in farmers' income. These challenges will call for more efficient and sustainable use of increasingly scarce land, water and germplasm resources and technological solutions need to be more location specific and should match huge agroecological/ climatic diversity. Contribution of agriculture, outside the lenses of GDP, still holds the importance to feed the nation of 135 crores people and provide employment to 50% workforce in the country which no other sector can accommodate. There is therefore reason to look at the fact as to why in spite of substantial progress on Agricultural front, the farmers of the nation have grown poorer individually and also as rural society in terms of infrastructure, support system and social fabric that existed in the land.

Undoubtedly Uttar Pradesh is one of the major contributors to the national food grain stock. Uttar Pradesh's climate is so diverse that almost every kind of crop is produced here. This is the reason that this state is the leader in the production of many crops produced in the country. Uttar Pradesh occupies the top position in the production of the wheat, barley, sugarcane, potato and lentils. In livestock sector, Uttar Pradesh alone contributes around 15% of India's livestock population and is the largest milk producing state in the country with the state's share of approximately 16.83 percent. This is the reason Prime Minister Narendra Modi envisioned "Second Green Revolution" in the eastern states including Eastern Uttar Pradesh and his new vision to improve the concerns of rural India is the

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Agricultural universities have played significant role in making India self reliant in food productions and food security and can further play role in achieving the challenges to meet country food requirement as well as training youth through its various skill development programs. Shouldering this responsibility Acharya Narendra deva university of Agriculture and technology, a "State of Art" agriculture university with 07 constituent colleges and vast network of KVK's through Eastern Uttar Pradesh is losing no stone unturned in strengthening farmer's productivity, enriching their knowledge with advancements in agriculture and allied sciences and dissipating knowledge from labs to land


Bijendra Singh
Vice Chancellor

COLLEGE OF AGRICULTURE

PROF. V.N. RAI, DEAN



The College of Agriculture was established in February, 1977 as the first College of the University for catering the needs of agricultural education and research. The under-graduate teaching programme with 24 students was started in October, 1978. The Post graduate programmes in four disciplines viz. Agronomy, Genetics & Plant Breeding, Horticulture and Vegetable Science were 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 and Plant Breeding, Horticulture and Agricultural Economics from 2nd semester of 1982-83 session with 10 students. The college at present encompasses thirteen departments along with one section of Seed Science & Technology.

Mandate: *Impart education, conduct research in various fields of Specializations in Agriculture and Agriculturally important Technologies; and extension of these technologies, products and resources for the benefit of farmers.*

Objectives:

- 1. Impart education in various fields of Specializations in Agriculture and Applied Agriculturally important Technologies to train and enrich the skills of U.G., P.G. and Ph.D. students for the growth and advancements in agriculture sector and for the service of farming community.*
- 2. Provide necessary exposure to the students by visits to farmers' fields to better understand the practical aspects of Agriculture and troubleshooting of varied field level issues through interventions of available agricultural technologies.*
- 3. Train them as competent extension personnel to disseminate various Technologies for the benefit of Farmers and Agricultural products related businesses.*

Academics:

The college offers post-graduate programme for M. Sc. (Ag.) as well as Ph. D. degrees in 12 disciplines besides the under-graduate programme for B. Sc.(Ag.) Hons. The course curriculum as per ICAR 5th Deans'

Committee recommendation report for respective degree programmes of the college are being followed. The admission to all the course programmes of the college are done through UPCATET examination as in case of other Agricultural Universities of Uttar Pradesh and also through ICAR.

❖ **All UG, PG and Ph.D. Courses being implemented at the College got successfully**



WELCOME OF ACCREDITATION MEMBERS OF DEAN

Student Strength: Since its inception, the College has produced over 2069 graduates in Agriculture, 2550 post graduates and 699 Ph.D in various disciplines of Agriculture. In 2019-20 academic session, 132 students in

accredited by National Agricultural Education Board of ICAR in its 24th meeting held on 17th September 2020. The college received overall score of 2.92 and has been the only college of the university to get all its courses accredited for the next 5-year period.



VISIT BY ACCREDITATION TEAM

B.Sc. (Ag.), 153 students in M. Sc. (Ag.) and 61 students in Ph.D. programmes were admitted. Numbers of passed out students for session 2019-20 were 119 for B.Sc. (Ag.), 117 for M.Sc. and 43 for Ph.D. degrees

S. No.	Department/ Section	Master Programme		Ph.D. Programme	
		Started in Year	No. of Seats	Started in Year	No. of Seats
1	Agronomy	1981	20	1982	08
2	Agril. Economics	1982	10	1982	02
3	Agril. Statistics	1996	04	1998	02
4	Agril. Bio-Chemistry	1983	03	1985	01
5	Crop Physiology	1982	08	1985	01
6	Entomology	1982	10	1984	01
7	GPB	1981	11	1982	04
8	Plant Pathology	1983	11	1985	04
9	Soil Science and Agricultural Chemistry	1982	10	1984	03
10	Agril. Meteorology	2000	06	2010	01
11	Extension Education	1996	08	2010	04
12	PMB & GE	2004	11	2004	02
13	Nematology	1999	01	2012	01
14	Seed Science & Technology Section	2012	04	2012	03

*Hematology Department is now part of Department of Plant Pathology.

Infrastructure: 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.) & 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 two well equipped 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 five smart class rooms in the college.



PAIRED ROW PLANTING OF MAIZE ON RAISED BED



PRACTICAL CLASSES



TRANSPLANTING OF PADDY UNDER PCP (PRACTICAL CROP PRODUCTION) BY THE B.SC. AG STUDENTS



WEEDING IN PADDY CROP UNDER PCP (PRACTICAL CROP PRODUCTION) BY THE B.SC. AG STUDENTS

The Rural Agricultural Work Experience (RAWE) 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. The study tour of students is also conducted for providing them exposure to renowned Institutes/Universities. Some other cultural and scientific activities/ programmes such as fresher's welcome, parthenium day, Swakshta Abhiyan, Plantation Programme were held from time to time.

Research: *At present, 26 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. During 2019- 20, fourteen research projects proposals formulated by the College scientists have been sent to various funding agencies for approval and 03 of them have already been approved. The details of present research projects are given below:*



STUDENTS ACTIVITIES UNDER RAWE PROGRAM

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

No	Name of the Project/ Scheme	Year of Start
1	AICRP on Wheat & Barley Improvement	1987
2	AICRP on MULLaRP Crops	2001
3	AICRP on Chickpea	2001
4	AICRP on forage Crops Improvement	2001
5	AICRP on Potential Crops	1995
6	National Seed Project (Crops)- 1. Seed Technology Research 2. Breeder Seed Production	1978
7	AICRP for Dry land Agriculture	1987
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	National Initiative on climate resilient agriculture (NICRA) – Dryland Agriculture	2010
2	NICRA (Agro-meteorology)	2010
3	Mega Seed Project	2016-17

C. Research Projects Financed by International Agencies:

1	Stress tolerant rice for poor farmers of Africa and South Asia (STRASA) Submergence & salinity – H.Q. and CRS, Masodha	2003-04 to 2018-19
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D. Research Projects Financed by Other National/ State Agencies:

1	Gramin KrishiMausamSeva (i) Head Quarter, Kumarganj Ministry of Earth Science (IAAS) (ii) Bahraich	1993
2	Forecasting Agricultural output using space, agro-meteorology and land based observations (FASAL) Ministry of Earth Science (Govt. of India)	2010
3	Development of Hi-Yielding salt tolerant rice varieties through marker assisted back cross breeding and identification of SALTOL QTL for reproductive stage salinity tolerance (DBT) Govt. of India	2015
4	Creation of Seed hubs for increasing indigenous production of pulses in India (NFSM)	2016-17
5	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. (RKVY)	2016-17
6	Centre of Excellence in Rice (State Govt.)	2018-19
7	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

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.

Varietal Improvement:

The major research thrust in crop production has been to develop high yielding varieties resistant to biotic and abiotic stresses of all important crops. As a result during 2019-20, three improved varieties were released by State Variety Release Committee. The details of which have been given below:

1. Rice -NDR 9930111 (Shallow & Semi Deep Water): NDR 9930111 was developed from the triple cross of CN 843-7-1/KDML 105//IR49830-7-1-2-3. Yield potential of this variety is 55-60 q/ha. NDR 9930111 possesses short bold grain type with good cooking

qualities, milling 68.1%. The head rice recovery is 56.4% with amylose content of about 23.56%. It cooks better as its gel consistency is soft (50 mm) with alkali spreading value of 4.5

2. Linseed (NDL-2011-31): Rain-fed, duration 120-125 days, yield 12-14 q/ha, oil content 37-39%, resistant to lodging & shattering as well as wilt, rust and powdery mildew.

3. Oat (NDO-1101): Plant height 130-145 cm, duration 130-140 days, yield 18.5-23.5 q/ha, resistant to lodging & shattering, recommended for normal as well as salt

Varietal Improvement:

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FIELD VISIT BY HON'BLE VICE CHANCELLOR DR. BIJENDRA SINGH SIR, AND US DELEGATES AT CENTRE OF EXCELLENCE FOR RICE

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ACHIEVEMENTS

Examination/ Fellowships Qualified:

- ◆ 31 Post-graduate students Qualified National Eligibility Test (NET) conducted by ASRB.
- ◆ 6 B. Sc. (Hons) Ag. students qualified the Junior Research Fellowship of ICAR.
- ◆ 1 Ph.D. Student was selected for INSPIRE fellowship of Department of Science & Technology, Govt. of India.

FACULTY ACHIEVEMENTS (2019-2020)

- ◆ Awards received by faculty 17
- ◆ Research Papers Published 155
- ◆ Book Published 15
- ◆ Book Chapters/ Popular Articles/ Manuals 52
- ◆ Ongoing Projects handled 18

COLLEGE OF VETERINARY SCIENCE & ANIMAL HUSBANDRY

PROF. R.K. JOSHI, DEAN



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 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.

Mandate: *Impart education in the field of Veterinary Science and Animal Husbandry and health services to livestock and pet owners.*

Objectives:

1. Impart education to students in the field of Veterinary Science and Animal Husbandry enriching their skills in the treatment of animals, management of livestock and poultry industry for better production.

2. Train them as competent extension personnel to disseminate various production technologies to the beneficiaries of Animal Husbandry industry.

3. Provide the necessary exposure to the students of recent developments in the field of Veterinary Science in various agro-climatic zones at State and National levels through State and All India educational tours and visits.

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 got accredited by National Agricultural Education Board of ICAR in its 24th meeting held on 17th September 2020. The college received overall score of 2.93, highest among the colleges of the university.



B.V.Sc. & A. H. Degree program of the college is run as per the norms set by Veterinary Council of India. 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 is as follows

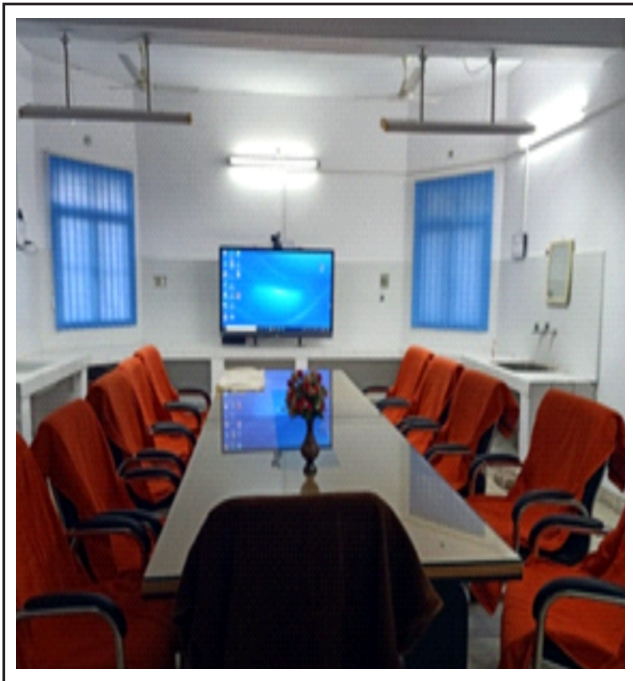
Degree Program	Year	Students
B.V.Sc & AH	I	65
	II	52
	III	53
	IV (New Batch)	39
	IV (Old Batch)	08
M.V.Sc.	IV	17
	I	19
	II	18
Ph.D.	I	4
	II	4
	III	9

All the boy's students resides in Kalindi, Varuna and Achravati hostels with girls' students provided comfortable stay in Gomti hostel.

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.

The college has lecture theatres equipped with latest audio-visual aids to ensure efficient learning to the students. In the session 2019 -20 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 equipments 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.



ZOOM ROOM DEVELOPED AT DEPARTMENT OF ANIMAL NUTRITION

The college has a well established livestock centre (LFC) with cattle & buffalo, sheep & goat and poultry units. At present, there are **115 cattle, 53 buffaloes including 08 breeding buffalo bulls, 73 sheep and goats and 31 pigs**. The cattle unit is working on conservation of breed of local indigenous cattle like Sahiwal, Tharparkar. The buffalo unit is working on conservation and propagation of Murrah breed and upgrading the local buffalo breed by artificial insemination programme.



COW UNIT



BUFFALO UNIT



POULTRY UNIT



PIG UNIT

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 students of this 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, Animal Husbandry Department, Universities, Research Institute, Banks, Dairy Farms, Feed Processing Plants, Pharmaceuticals Companies, Vaccine Production Companies, meat and milk processing plant and poultry industries etc.



Online orientation program was organized on 11th December 2020 for the first year students, in which all the dignitaries including Hon'ble Vice Chancellor briefed the students about the Academic rules, clinical, extracurricular activities and other facilities /amenities were discussed.



VIEW OF ONLINE ORIENTATION

Internship Program:

Final year B.V.Sc. & A.H. students are required to undergo their 6 months compulsory internship program to obtain Bachelors of Veterinary Science and Animal Husbandry Degree. During this 180 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. In the academic session 2019-2020 a total of 33 students got themselves registered in internship program. The position holders were:

Topper: Miss Seema Chaurasia, 85.4 %

Second position: Miss Anuka Yadav, 83.41%

Third place: Tarun Nar Singh, 81.52%

Percentage	No. of Students
>80 percent	05
>70 to <80 percent	10
>60to <70 percent	16

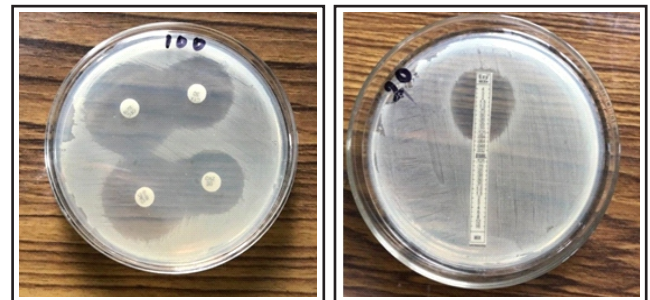
The College conducted Online Oath Taking ceremony on August 22, 2020 for the passing out students.

Online Classes and Examinations:

The college successfully conducted online classes of the students registered in different degree program using various online platforms. The college conducted the online theory and practical examinations following the guidelines of Veterinary Council of India.

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 Staph. aureus, Extended spectrum β lactamase and Carbapenemase producing Enterobacteria which are the priority agents as per WHO.



IDENTIFICATION OF ESBL BACTERIA

MIC DETERMINATION BY E STRIP

♦ College is also working on establishing the prevalence of major animal parasites and prevalence of has been recorded in Ayodhya district.

♦ Research is being carried to develop Non-antibiotic phyto-genic feed additive in poultry farming.

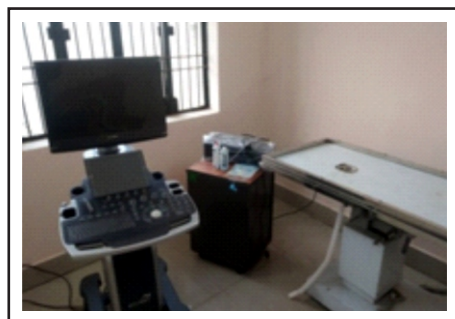
♦ Incidence of common diseases causing mortality in poultry in Eastern Uttar Pradesh has been studied to establish the package of practices to be followed for profitable poultry farming.

♦ The College has been promoting the research on locally abundant medicinal plants and their products namely Aonla, Moringa, 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 Projects	Budget (in Lakhs)	Name of PI/Co-PI
1	Establishment of feed analysis and quality control laboratory	290.00	Dr. V. K Singh (PI) Dr. Sachin Gautam (Co PI) Dr. Sushant Srivastava
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)
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”	496.40	Dr. Sonu Jaiswal (PI)
6	Establishment of Milk processing plants	25.95	Dr. S.S. Sengar Dr. Ruma
7	Strengthening of parasitological laboratory with advance diagnostic facilities for the detection of parasitic diseases.	92.77	Dr. Amit Singh

Laboratories/ Units Established:



ULTRASONOGRAPHY UNIT



SMALL ANIMAL OPERATION THEATRE

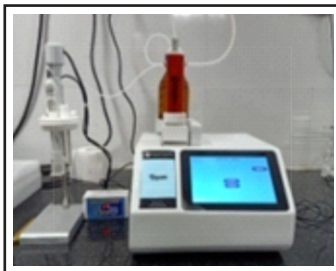


DIGITAL RADIOGRAPHY UNIT



STRENGTHENING OF DIAGNOSTIC LABORATORY

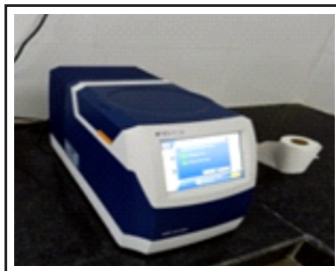
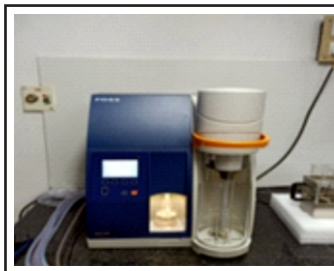
Establishment of Feed Analysis and Quality Control Laboratory:



AUTOMATIC TITRATION UNIT



CRUDE PROTEIN DIGESTION AND DISTILLATION UNIT



NEAR INFRARED SPECTROPHOTOMETER

- ◆ *A Glander testing lab has been sanctioned to department of Microbiology from RKVY project by state government and establishment of the lab is under process.*

EXTENSION ACTIVITIES

Kisan Mela- College participated actively in Virat Kisan mela on 22nd and 23rd December 2020 in which Hon'ble Chief Minister Shri Yogi Aditya Nath, worthy chief guest visited the college stall where live exhibits like different breeds of poultry, milk adulteration testing, value added milk products, clinical specimens were displayed. In addition Hon'ble chief minister inaugurated RKVY projects running in the college.



VIEW OF KISAN MELA
STALL OF THE COLLEGE OF VETERINARY SCIENCE

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.



Mastitis Awareness Campaign Drive:

Mastitis awareness drive was started by the Department of Veterinary Medicine. Villagers were informed about the ill effects of mastitis and on the spot screening of milk was performed in the villages as per the following schedule;

Name of the Village	Date
Jorium, Ayodhya	12/01/2021
Alhanpur, Amethi	15/01/2021
Shankar Pur, Basti	22/01/2020
Dakin Gaon, Baldirai, Sultanpur	25/01/2021

A pamphlet describing different prevention and control measures prepared by the department was distributed amongst the farmers.

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 woman.



Awareness Campaign:

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**”.



D.B.S. DEGREE COLLEGE, HANUMANGANJ

Linkage Established:

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.**



MOU WITH NRC EQUINE



MOU WITH BROOK INDIA

COLLEGE OF HORTICULTURE AND FORESTRY

PROF. O.P. RAO, DEAN



Brief History:

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 26 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 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.

S. No.	Name of Degree Programme	Discipline
1	B.Sc. Hons. (Horticulture) (V Deans Committee)	Horticulture
2	M.Sc. (Horticulture) Fruit Science & Ph. D. Horticulture (IVth Deans Committee)	Fruit Science
3	M.Sc. & Ph. D. (Horticulture) Vegetables Science (IVth Deans Committee)	Vegetable Science
4	M.Sc. & Ph.D. Agroforestry (IVth Deans Committee)	Agroforestry

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 cultivars of different Horticultural crops for Eastern U.P.
- To provide good facilities for research network
- 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 Sub-tropical and tropical crops.
- To implement effective extension programmes for efficient transfer of technology To provide consultancy services in Horticulture

Number of Students (Admitted & Passed):

Details of students passed, ongoing and admitted during session are given below:

Name of Degree Programme	No. of Student Passed
B.Sc. (Horticulture) Hons.	41
M.Sc. (Horticulture) Fruit Science	11
M.Sc. Vegetables Science	9
Ph. D. (Horticulture)	3
Ph. D. (Horticulture) Vegetable Science	1
TOTAL	65

Name of Degree Programme	No. of Ongoing Students
B.Sc. (Horticulture) Hons.	162
M.Sc. (Horticulture) Fruit Science	22
M.Sc. Vegetables Science	26
Ph. D. (Horticulture)	16
Ph. D. (Horticulture) Vegetable Science	13
TOTAL	239

Name of Degree Programme	No. of Students Admitted (2019-20)
B.Sc. (Horticulture) Hons.	42
M.Sc. (Horticulture) Fruit Science	11
M.Sc. (Horticulture) Vegetables Science	13
Ph. D. (Horticulture) Fruit Science	6
Ph. D. (Horticulture) Vegetable Science	5
Ph. D. Forestry	2
Ph. D. Agroforestry	2
TOTAL	81

1. Academic Excellence:
Student's Performance in Competitive Examinations:

No.	Exam	Students Qualified (2020-21)
1	ICAR-ASRB NET	13
2	ICAR-JRF	09

Placements - 6 (State Ag. Services-2, Private university- 4)

Student's Awards - 01

2. Extra-Curricular Activities - 1

- ◆ NW5054 Wheat breeder and certified seeds of wheat cv. NW 5054 were distributed to the schedule caste farmers in four villages of two blocks of Ayodhya District for sowing in agro forestry model.
- ◆ Three days training were organized on processing of local fruits & vegetables in Post Harvest Technology Lab under Capacity building and technology demonstration programme.
- ◆ Two training has been organized on medicinal and aromatic grasses under MIDH programme on 8th and 9th September 2020.

Project running in College
Adhoc Projects running in the College:

1. Capacity building and technology demonstration on processing of local

fruits and vegetables for alternate livelihood of 'Tharu' tribe women. Funded by DST Govt. of India.

Sanctioned Adhoc Research Projects

1. Demonstration of drip irrigation / fustigation under diversified cropping system- (Sanctioned) (R.K.V.Y.)
2. Renovation and establishment of New Polycarbonate green house and net house for nursery production and cultivation.- Sanctioned under R.K.V.Y.
3. Strengthening of Horticulture & Vegetable Experiment Stations from protection of stray Cattles.- Sanctioned under process- R.K.V.Y
4. Establishment of Hi-Tech Floriculture Centre for Strengthening of Research and Development of Entrepreneurship Model: Sanctioned under process- R.K.V.Y
5. Establishment of Hi-Tech Floriculture Centre for Strengthening of Research and Development of Entrepreneurship Model, Funding Agency, RKVY,
6. Evaluation of Nano-fertilizers in potato.2020. IFCO Ltd.(1.10)

State: Non plan (100% funded by UP state govt.): 02

1. Production and Processing of Fruits in USAR Sasteland Scheme
2. Vegetable Research

National level (ICAR) Plan: (75% funded by ICAR): 06

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 agro forestry
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

ADHOC Projects: 01

Achievements and Recommendations:

Variety Identified for Release:

❖ **NDBG-16:** A bottle gourd variety identified for Zone I (J&K and Uttarakhand) and VIII (Karnataka, TN and Kerala) during 38th group meet of AICRP held of 25-27 Oct., 2020. This is long fruit type variety with yield potential of upto 542.2 q/ha at IIVR Varanasi and national average yield of 314.7 q/ha, suitable for cultivation in Zaid and Kharif seasons.

NDBG-16

- ◆ Advanced and promising line of Satavar-ND-Satavar-101 and ND satavar-102 is under testing in MLT trail.
- ◆ Advanced and promising line of satavar, ND aloe-14 and ND aloe-17 is under testing in MLT trail.

Technology Developed/ Varieties Released:

- Foliar spray of Argimone oil (1.0%) at 45, 60 75 and 90 days of sowing is recommended for eco-friendly management of foliar disease of turmeric under agro climatic condition of Eastern U.P.
- Sowing of potato between 25th October to 5th November and harvesting at 90 days after sowing under potato-onion crop rotation was found best under eastern U.P. condition.
- Five new varieties i.e. Kufri, Chipsona-4 Kufri Sang am, Thar-1-2 and Thar -3 were



released at national level with the cooperation of ANDUAT, Ayodhya ACRIP Center.

- Foliar application of GA3 300 ppm and Urea 3% was proved to be most effective in improving vegetative growth and flowering behavior but delay the days to initiation of spike and days to opening of first floret and improving corm production of gladiolus
- Good quality low calorie preservative free RTS, Squash and jam of jamun can be prepared by replacing 25% of sugar by artificial sweetener stevia. Stevia increases the storage life of product acting like a natural preservative because of its anti fungal, anti bacterial, anti-microbial, anti viral, anti-yeast properties and retention quality of colour for longer time. It has no side effects on health and is accepted as food additives in products worldwide.

These products can be produced on a large scale for commercial purposes.

- NJ-4 NJ-14, NJ-15 has been identified for the preparation of best quality minimal processed product.

Promising Genotypes in Pipelines:

Aonla-10 • Bael-19 • Ber-06 • Jamun-16
Satavar-02 • Kalmegh-03

Germplasm Maintained:

Ber-49, Jamun-08, Aonla-21, Bael-27
Pumkin-20, Bottle gourd-25, Ridge gourd-01,
Tomato-35, Sweet Potato-05, Brinjal-28,
Chilli-22, Green Mustard-01, Chinese
Cabbage-01, Pointed gourd-10, Okra-01,
Drum Stick-50, Turmeric-180, Ginger-67,
Coriander-200, Fenugreek-204, Funnel-168,
Black Cumin-37, Bishop's Weed (Ajwain)
44. Opium Poppy-35, Lemon grass-14,
Aloevera-24, Kalmegh-20, Satavar-24,
Isabgol-30

Introduction of New Varieties:

Following improved cultivar of Jamun, Guava, Mango, Bael, Ber, Apple, Walnut and Peach has been introduced at MES, Horticulture for identification and evaluation under Eastern U.P. condition.

S. No.	Name of Fruit Crop	Variety	Total Plants	Type of Plantation
1	Guava	CISH-Lalit, CISH-Lalima, CISH-Sweta, VNR Guava	225	High density
2	Mango	Amrapali, Ambika, Arunika	100	High density
3	Jamun	CISH-J-37	60	High density
4	Bael	CISH-Bael, Goma Kirti	60	Varietal
5	Ber	Seb		High density
6	Apple	Anna	5 Plants	
7	Peach	Saharanpur Selection-1	2 Plants	
8	Walnut	Seedling (For teaching purposes)	3 Plants	Walnut



TRAINING ON PROCESSING UNDER CAPACITY BUILDING AND TECHNOLOGY DEMONSTRATION PROGRAMME



VISIT OF POTATO EXPERIMENT BY MONITORING TEAM (AICRO-POTATO) BOUNDARY/ BUND PLANTATION (HER MED PER PED) TRAINING CUM AWARENESS PROGRAMME, ORGANISED ON 30-06-2019 AT VILLAGE-AKMA, AYODHYA (U.P.)



A VIEW OF AGRON-2 EXPERIMENT (KHARIF SEASON)



SCSP ACHIEVEMENT UNDER AICRP (A.F.)



MAHAMAYA COLLEGE OF AGRICULTURAL ENGINEERING AND TECHNOLOGY, AMBEDKAR NAGAR

PROF. R.K. MEHTA



1. Introduction

a. Brief History

The College of Agricultural Engineering and Technology, Ambedkar Nagar was established during the year 2002-03. This college is a faculty of Acharya Narendra Deva University of Agriculture and Technology, Kumarganj, Ayodhya (U.P.). The foundation stone of the college was laid down by Sushri Mayawati Ji, then Hon'able Chief Minister of Uttar Pradesh on 30th October 2002 and inaugurated by Hon'ble Sri Mulayam Singh Yadav Ji, the then Chief Minister of Uttar Pradesh on 04.02.2005. The B. Tech. degree programme in Agricultural Engineering was started in academic year 2003-04 with intake of 30 students.

Academic and residential campus of the college is spread over an area of about 7.0 acres. The construction of Workshop, Academic Building, Library, Girls & Boys

hostels one each, 79 residential quarters for Dean, faculty members and other staff are well furnished. The college from its very inception has adopted a very progressive policy and extended all possible facilities to the students for their better education and co-curricular activities.

The College has following six departments:

- 1. Department of Irrigation and Drainage Engineering*
- 2. Department of Soil and Water Conservation Engineering*
- 3. Department of Renewable Energy engineering*
- 4. Department of Farm Machinery and Power Engineering*
- 5. Department of Processing & Food Engineering*
- 6. Department of Basic Engineering and Applied Sciences*



b. Objective:

- To teach and equip the students to become qualified engineers/scientists.
- To undertake basic and applied research in different aspects of agricultural engineering covering production, protection, value addition, marketing and management.
- To disseminate proven technologies in the field of agricultural engineering for the benefits of farming community.
- To develop technology suitable for the region in the field of farm power and Agro Energy, farm machinery and equipment, soil and water engineering, post harvest and process engineering, food and dairy engineering, and other related areas.
- To organize programmes related to transfer of technologies for agriculture and rural development in the region.
- To collaborate with other agencies involved in teaching, research and developmental programs in the field of agricultural engineering, nationally and internationally.
- To provide consultancy services to farmers and other engaged in agricultural and rural development, particularly in application of engineering principles and practices.
- To provide the students necessary exposure to the recent developments in the field of Agricultural Engineering and Technology other disciplines in various agro-climatic zones at State and National levels through both State and All India educational tours and visits.

c. Mandate:

- To make provision for quality education of rural people of Uttar Pradesh in different

branches of Agricultural Engineering, Basic Engineering and other allied technologies

- To provide good facilities for research network
- To establish liaison with international organizations for making overall excellence and
- Dissemination of technologies through various innovative ideas and Systematic review and management of problems of Agricultural Engineering and Technology.

d. Degree Programme:

The college offers the following degree programmes:

1. B.Tech. (Agricultural Engineering)
2. B.Tech. (Mechanical Engineering)
3. B.Tech. (Computer Science and Engineering)
4. M.Tech. (Agricultural Engineering)

e. No. of Students:

In the academic session 2020-21 26 students in B. Tech. (Agri. Engineering) and 1 student in M. Tech (Agricultural Engineering) were admitted, whereas, 37 students in B. Tech. (Agri. Engineering), 27 students in B. Tech (Comp. Science & Engineering) and 20 students in B. Tech. (Mechanical Engineering) were passed during this year.

2. Academic Excellence:

1. Student performance in competitive examinations:-

Five students qualified JRF, two student CSIR and two students qualified GATE examination



2. Placement

Area of Placement	Percentage (Approx.)
Tractor Industries	40%
Irrigation Industries	10%
Bank and Financial Institutions	03%
Higher Education	47%

3. Faculty Achievement:

A. Awards Achievement:

1. **Dr. P. K. Mishra** awarded Best Teacher Award-2020 from ANDUAT, Kumarganj, Ayodhya, U.P.
2. **Dr. Sushil Kumar Choudhary** awarded Young Researcher Award-2019, organized by International association of research & developed organization on 21st Sep. 2019 at KU Home Kasetsart University Chatuchk, Bangkok, Thailand.
3. **Dr. Sushil Kumar Choudhary** awarded Teaching Excellence award-2019, organized by MT Research & Educational Services on 15th September 2019 at Delhi
4. **Dr. Sushil Kumar Choudhary** awarded Young Scientist Award-2019, organized by Agro Environment Development Society, India at Dr. Yashwant Singh Parmar University of Horticulture and forestry, Solan, H.P.

B. Books - 04

C. Book Chapter - 01

D. Publication NASS Rating 4 & above - 07

4. Research:

Student Thesis – 42 AE, 25 CSE, 20 M.E

5. Extra-Curricular Activities:

Gandhi Jayanti, Vishwkarma Puja,

Engineer's Day, Kishan Divas, Agricultural Education Day and Fresher's day were celebrated.

6. Infrastructure:

Administrative block, Library, Work Shop, Laboratories etc.



HON'BLE VICE-CHANCELLER VISITED AT MCAET CAMPUS

FARM EQUIPMENTS LABORATORIES





COLLEGE OF COMMUNITY SCIENCE

PROF. NAMITA JOSHI, DEAN



1. Introduction

a. Brief History

The journey of Community Science started as Department of Home Science in College of Agriculture in 1986. The Department was upgraded to College in 1992 with start of degree programme B.Sc. Home Science. Female students with Intermediate or 10+2 certificate were admitted. The students admitted were from both streams namely science stream and arts stream. The duration of B.Sc. degree programme for students of science stream was three years, while for the arts stream students, it was four years. During this additional one year, art students were taught science subjects to make up their deficiencies and bring them at par with the science students. The foundation stone of the college was laid down on March 26, 1999 and its building was inaugurated on July 19, 2002. In this way, College started as a separate wing in N.D. University of Agriculture and

Technology, Kumarganj, Faizabad. The new nomenclature of College of Home Science as College of Community Science was adopted in 2020 after the recommendation of Fifth Deans Committee. Presently, the college has five departments namely:

1. Human Development and Family Studies
2. Food Science and Nutrition
3. Family Resource Management and Consumer Science
4. Textiles and Apparel Designing
5. Extension Education and Communication Management

No. of students admitted & passed in the year 2019-20

- BSc Community Science: 15 students
- Passed out students: 31 students got the graduation degree.
- PG Programme: 03 students of two departments.
- Ph.D. Programme: 03 students



2. Academic Excellence

A total of seven students qualified JRF for pursuing M.Sc. programme in different institutions of the country.

3. Faculty Achievements

- Yashasvi Samman was awarded by RASSA (Royal Association for Science led Socio Cultural Advancement) to Dr. Abha Singh, HOD, FRM&CS, College of Community Science in the year 2020
- Dr. Suman Prasad Maurya received the Best Teachers Award by Hon'ble Vice Chancellor on 10th October 2020.
- Dr. Sadhana Singh was selected as master trainer under PM-Formalization of Microfood processing enterprises (PM FME Scheme) by Central Food Technological Institute (CSIR-CFTRI), Mysuru, Karnataka.

4. Publication:

Research papers: 29

Books : 06

Book chapters: 05

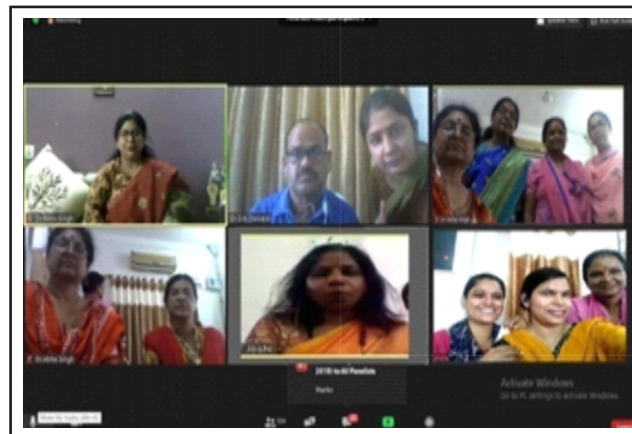
5. Research

- At present, one research project entitled 'Ergonomic laboratory for ergonomic risk analysis and reducing health hazards of farm women' has been sanctioned to the Department of Family Resource Management and Consumer Science. (PI: Dr. Abha Singh)
- One student from Department of Human Development and Family Studies, submitted her thesis titled 'A comparative study of Academic Performance, Anxiety, Study Habits and Attitude among High School and Intermediate students in Pre Covid-19

condition' in the year 2019-20.

6. Extra-Curricular Activities

Two exposure visits of B.Sc. final year students were organised from 27th to 29th December, 2019 and from 20th to 22nd January 2020 to various institutions viz. Centre for Technology & Entrepreneurship Development, Jagdishpur, National Institute of Fashion Technology, Raebareilly, Institute of Entrepreneurship Development, U.P., Lucknow, Dietetics Unit, K.G.M.C., Lucknow, College of Community Sciences, C.S.A.U.A. & T, Kanpur, Gulati Textiles, Kanpur, Pushpanjali Gramudyog Sewa Samiti Pratapgarh; College of Community Sciences, SHUATS; Rajshiri Tondon Open University, Allahabad; Department of Home Science, Allahabad University; Department of Home Science, Banaras Hindu University.



GLIMPSES OF WEBINAR



The College participated in NAAC Accreditation Process on 12th Feb 2020.



B.Sc. final year students of 2016-17 batch completed their RHWE (Rural Home Work Experience) work in various villages. During this period, students demonstrated various technologies for welfare of the family and society in the field of agriculture and allied sciences.



College of Community Science prepared about 2100 Three Layered Cotton Masks during Covid-19 period for the free distribution among the rural population and handed over it to District Magistrate, Ayodhya



♦ **Nutrition Week** was organized to mark the importance of nutrition for good health. Various online competitions like recipes preparation, poster, slogan writing were conducted on the topic '**Eat right bite by bite**'.



♦ **Kisan Mahila Diwas** was organised on 15th October 2020 by College of Community Science to mark the contribution of women farmers in agricultural economy. The day was observed by sensitizing rural woman about different avenues of earning livelihood.

♦ Department of FRM&CS organized **rangoli competition** and **exhibition of handicrafts** for rural ladies.



- ◆ **Kisan Mahila Diwas** was organised on 15th October 2020 by College of Community Science to mark the contribution of women farmers in agricultural economy. The day was observed by sensitizing rural woman about different avenues of earning livelihood.
- ◆ Department of FRM&CS organized **rangoli competition** and **exhibition of handicrafts** for rural ladies.
- ◆ Department of Food and Nutrition highlighted the various recipes of Moringa through demonstration.



To mark the Gandhi Jayanti, online On-the-Spot Painting Competition, Essay Writing and debate competition were organized for personality development of students.

One Day Workshop was organised on the occasion of Women's Day on March 8th 2020.



WOMEN'S DAY CELEBRATION

College displayed its exhibits like Mud oven, Papaya laddoos, Moringa products and Finger puppets in 'Virat Krishi Mela and Exhibition' held from 21-23 December 2020. Laddoos were sold to visitors. College faculties were invited for Gosthi for interaction with farmers and visitors.



Agricultural Education Day was observed on 3rd December. The college conducted online essay competition, painting and debate for various students including colleges and schools. A webinar on 'Importance and scope of Agriculture and Allied sciences in Future building' was also organized in collaboration with Medha Foundation. The Agriculture Minister Hon'ble Surya Pratap Shahiji evocated the audience for bringing awareness among rural farmers for Farmers' Bill.



VISIT OF AGRIL MINISTER OF STATE ON THE OCCASION OF AGRICULTURAL EDUCATION DAY



Workshop on Acupressure & Color Therapy:

The College organized Workshop on Acupressure & Color Therapy on 12th JANUARY 2021 in collaboration with Matratve Acupressure & Color Therapy Clinic, Lucknow.



INAUGURATION OF ACUPRESSURE & COLOR THERAPY

College organized virtual orientation programme for B.Sc. (Hons.) Community Science First Year students on 11th Dec 2020. Detailed information about the degree programme including courses to be taught, facilities available, curricular activities, examination criteria and career opportunities were provided by Dean Community Science.

Dr. Sarita Srivastava delivered lecture under ICAR supported Center of advance Faculty Training (CAFT) training at Centre of Food Science and technology, BHU, Varanasi during 5th to 25th September 2019.

Dr. Sadhna Singh delivered lecture on the topic “Micronutrient Malnutrition – A Silent Emergency” on 26th Sept., 2020 in a guest lecture series conducted by Jawaharlal Nehru Krishi Vishwavidyalaya, Jabalpur, M.P.

Besides above, College of Community Science has participated at various activities at university level viz, Foundation day, Kisan Samman Divas, Atal Bihari Bajpai Jayanti and Madan Mohan Malviya Jayanti, Agri Diwali etc.

Awareness on Women Security:

To support the Govt’s Mission Shakti, the College organizes a programme on Women Security in which Dr. Dharmendra Yadav, Circle Officer Rudali was the Chief Guest/



Infrastructure:

The college has wellequipped laboratories, library, language lab, exhibition hall, well maintained classrooms for UG, PG and Ph.D. students, committee room and auditorium with capacity of about 200 people.



COLLEGE OF AGRICULTURE CAMPUS, KOTWA, AZAMGARH

DR. D.K. SINGH, DEAN



Brief History

College of Agriculture, Azamgarh Campus is the constituent college of A.N.D. University of Agriculture and Technology, Kumarganj, Ayodhya. The foundation stone was laid on 4th March, 2014 by the Hon'ble Chief Minister of Uttar Pradesh, Shri Akhilesh Yadav Ji in Azamgarh. The campus was inaugurated on 4th January 2018 by Shri Yogi Adityanath Ji, Hon'ble Chief Minister of Uttar Pradesh, India, with the objective of improving quality life of people of Eastern Uttar Pradesh, especially farmers, constituting maximum part of the population.

Beginning of the Agricultural education system in the College Campus started in the Academic Session of 2018-19 in the presence of Hon'ble Chief Guest.

Dr. Dhirendra Kumar Singh, Professor & Head, Department of Vegetable Science, G.B. Pant University of Agriculture & Technology, Pantnagar has been appointed as the first Associate Dean of the college.

The College of Agriculture is located

about 3 Km South-East of Azamgarh city on State Highway No. 66 A, Azamgarh-Varanasi highway and 3.1 km away from Azamgarh Railway Station. It is geographically located 26002'6.43" N latitude and 83014'0.99" E longitude.

Objective:

- ♦ To impart quality education in the field of Agricultural Sciences.
- ♦ To conduct quality research in the field of agriculture and allied Sciences.
- ♦ To undertake extension education programme for dissemination of advance and sustainable farm technology.

Mandates:

- ♦ To serve as centre for academic excellence in the areas of graduate and human resources development in agricultural science for future needs and opportunities.
- ♦ Generate Knowledge related to the processes of production and productivity of agricultural crops leading to the



development of research philosophies, concepts, methodologies, materials and technologies.

- ◆ Pay greater attention to the problems of agriculture under unfavorable conditions and to orphan commodities.
- ◆ Strengthen training for capacity building of rural youths, women and farming community to promote entrepreneurial skills and commercialization of agriculture.

Azamgarh provides excellent teaching opportunities to the Undergraduate-B.Sc. Agriculture (Hons.) students. Undergraduate programme in the campus are of 4 years duration which has adopted the semester system and each semester are of 18 weeks duration. At present the recommendation of 5th Dean's Committee is being followed in the campus.

Degree Programmes:

□ College of Agriculture Campus, Kotwa,

No. of Students (Admitted & Passed):

Name of College	Degree Programme	Student Strength (2020-2021)										Student Pass Out	
		I Year		II Year		III Year		IV Year		Total			
		M	F	M	F	M	F	M	F	M	F	M	F
COA, Azamgarh	B.Sc. (Hons.)	50	9	56	9	51	2	54	4	211	24	112	3

Academic Excellence:

- ❖ Students performance in competitive examination :3 JRF
- ❖ Placement:15 STUDENTS GOT THE JOB
- ❖ More than 18 students of the college have got respectable placements in various Institutes, Universities, Government services as well as public and private sector organization.

Azamgarh to the Directorate of Research, ANDUAT, Ayodhya for financial assistance from RKVY. Out of these seven projects, three projects were move forward after the screening process to RKVY, U.P.

Extra-curricular Activities:

- Dry Raasan distribution done by the college faculty during the COVID-19 situation to help Needy people in nearby villages.
- In order to sharpen the knowledge and skills of students, Rural Agricultural Work Experience (RAWE) and Agri-Industrial Attachment (AIA) is offered in final year of the B.Sc. (Agri) degree programme which includes training, demonstration, observation, practice and participation in purposeful activities. RAWE helps to provide work experience to the students in rural setting.

Faculty Achievement:

- ◆ Awards: 15
- ◆ Publications NAAS rating 4 & above: 44
- ◆ Books: 3
- ◆ Books Chapter: 12
- ◆ Manuals: 1

Research:

Seven projects were submitted from the College of Agriculture Campus, Kotwa,



- *The Study tour of the B.Sc. (Ag.) 1st and 2nd Year students was organized for Indian Institute of Vegetable Research (IIVR), Varanasi (U.P.)*
- *New students admitted in the college campus were welcomed by Associate Dean along with teaching faculties through online mode.*
- ***Celebration of important dates and campaigns:*** *Welcome of fresher's through online mode, Cleanliness drive week celebration (26th September to 2nd October 2020), Gandhi and Shastri Jayanti celebration, Foundation day celebration, Global hand wash day celebration, Welcome of Dignitaries in college campus (like Vice –precident, Purvanchal Vikas Parishad, VC, BAU, Prabhari Uchcha Siksha, Rastriya Sakshik Mahasangh etc.) Krishi Mela/ Ghosthi/ Pradarshani in the Campus etc.*

Infrastructure

The College of Agriculture Campus, Azamgarh is the newly established agriculture campus of Acharya Narendra Deva University of Agriculture & Technology, Ayodhya which has very well designed and attractive infrastructure.

Each department of the college has well equipped and organized laboratories along with four lecture rooms out of them two are smart class room. There are one examination hall, one library, one conference room, one committee room and each faculty have separate well furnished sitting chambers.

Hostel:

There is 240 students capacity boys hostel

with one centralized kitchen cum dining hall for male students.

◆ *In the hostels both vegetarian and non-vegetarian foods are being served. Mess run by the contractor and monitored by the Warden and Assistant Warden.*

◆ *All the messes/dining hall in the hostels are fully equipped with water purifier, invertors for uninterrupted power supply. In addition to the above smart LED Television with TATA Sky facility is also provided at dining hall.*



DRY RAASAN DISTRIBUTION DURING COVID-19



WELCOME OF PROF. O. N. SINGH, VICE-CHANCELLOR, BAU, RANCHI



COLLEGE OF FISHERIES

DR. P.S. PRAMANIK, DEAN



History:

India stands second in the world in aquaculture and third in global fish production. With the vision of creating new horizons in the field of fisheries in the state of Uttar Pradesh, the College of Fisheries was started in year 2006-07. At present, the institute offers Bachelor of Fisheries Science (B.F.Sc.) along with Master of Fisheries Science (M.F.Sc.), In the Department of Aquaculture and Fisheries Resource Management. The qualification for admission in B.F.Sc. programme is Intermediate (10+2) in Science stream-Biology/Agriculture as basic subjects. The students are admitted through the merit list of Combined Agriculture and Technology Entrance Test (CATET), being conducted every year. For taking admission in M.F.Sc., the basic qualification is B.F.Sc.

Seven departments have been functioning in the College of Fisheries:

S. 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

Objective/Mission:

- ★ To produce trained quality manpower in fisheries
- ★ To contribute to sustainable aquaculture development in the state and country
- ★ To establish as a national centre of excellence in the field of fisheries education
- ★ To develop environmentally sustainable, economically viable and socially acceptable freshwater aquaculture technologies to enhance the income of the fish farmers.

Mandate:

- ◆ To conduct education programmes leading to undergraduate (B.F.Sc.) AND Postgraduate (M.F.Sc.).



- ◆ To conduct applied research programmes leading to the development of fisheries with emphasis on inland aquaculture.
- ◆ To conduct basic research in frontier areas of fisheries sciences.
- ◆ To carry out fisheries extension programmes through information and communication services and transfer of technology for farmers.

Degree Programmes:

- ◆ 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 a minimum total credit hours of 180.
- ◆ The B.F.Sc IV year students are undergoing Student READY Programme (SRP) in the fourth year of their degree programme. In the SRP, the students are attached to various aquaculture farms, fish seed production units, feed processing mills and fish processing industries at various states like Maharashtra, Gujarat, Harayana and Madhya Pradesh to learn the intricacies of industries.
- ◆ The students are exposed to various aspects of practical experience which makes them efficient in the concerned field of training.
- ◆ M.F.Sc. (Master of Fisheries Science) is a two year degree programme and the

students are offered a minimum total credits hours of 58. The college offers masters in Aquaculture and Fisheries Resource Management. The students have to perform research work during the course of degree program and write a thesis under their academic advisor in their respective fields.

Student Strength:

The students are the jewels in the crown of college and the intake in B.F.Sc. is twenty six (26) and four (4) in M.F.Sc., two in each Department of Aquaculture and Fisheries Resource Management. The total number of students in the college in the present academic year is 91 including M.F.Sc. students. During last eight years, 237 students have been passed out in total.

Academic Excellence:

Students Performance in Competitive

Exams:

- ◆ Adding a jewel in the crown of the College, Mr. Devarshi Rajan (Batch 2016-20) topped the Post Graduate Entrance Exam (U.P.C.A.T.E.T.) for the year 2020-21.
- ◆ Mr. Alok Kumar (Batch 2016-20) grabbed 9th rank in the same entrance exam.
- ◆ Ms. Arya Singh (Batch 2016-20) is selected for Masters in the department of Aquatic Animal Health Management in Central Agricultural University, Tripura.
- ◆ Numbers of meritorious students are also getting higher education in CAUs and different SAUs.

Placements:

- ◆ Mr. Shiv Janam and Mr. Sandeep Mishra (Batch 2016-20) were selected as Young



Professionals in ICAR- CIFRI and ICAR-NBFGR respectively.

- *Dr. Sanjeev Kumar, Alumnus of the college was selected as Research Associate in ICAR- CIFRI.*
- *Dr. Pooja, Dr. Jitendra, Dr. Mukta, Mr. Ashish, Mr. Sumit, Mr. Girish, Mrs. Richa, Mr. Vinod were selected as Assistant Director, Fisheries, Government of U.P in December,2020.*

Publications:

Research Paper	:	03
Book	:	01
Book Chapter	:	01
Bulletin	:	01
Manual	:	03

1. Research:

Ongoing Projects:

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 running in the Department of Aquaculture.

2. 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 2020-21 by the college. On the occasion of Agriculture Education Day (3rd December, 2020) an online debate and painting competition was organized by the Fisheries Committee. Fish Farmers Day was celebrated online by

organizing an online Farmer Interaction Programme on 10th July 2020. A training was organized for the fish farmers of the nearby areas on the occasion of World Fisheries Day, 2020. 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 goshi, Farmer – Scientist interaction meets, Kisan call centers, Krishak help line services, TV& radio talks.

Infrastructure:

The College:

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 facilitated with annual Wi-Fi subscription for conducting webinars and online classes have been established in the college for teachers and students. The college also has an Information Centre with models of fishing crafts, gear, aquatic macrophytes, 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 related fields. A museum having common fish species of marine and freshwater specimen is also established.



Fisheries Entrepreneurship Training Centre:

College of Fisheries is also involved in extension programmes to enhance the fish production specifically at the village ponds. For extension activity “Fisheries Entrepreneurship Training Centre” at district Gonda (U.P.) have been established with the financial assistance of State Government to further increase the training and extension activities.

Instructional Fish farm:

- The total area for the instructional fish farm is 4.0 ha consisting of nursery ponds, rearing ponds and grow-out ponds having prime population of Indian major carps and Exotic major carps. Recently twenty one ponds are under construction for post graduate student experimental trials units. An integrated paddy-cum-fish culture unit is also being developed in the farm for farmer's demonstration purpose. Earthen ponds have also been constructed to store the waste water from the hostels as well as the dairy farm and trials on waste water utilization are undergoing.



A VIEW OF INSTRUCTIONAL FISH FARM WITH VEGETABLE AND FISH SEED PRODUCTION

- A circular carp hatchery and cemented nursery tanks were constructed under the 'Mega Seed Project' at the farm and are being currently used for practical and commercial seed production purposes. Successful carp breeding and seed production was performed in the hatchery during the breeding season and fish fingerlings are being sold to the farmers at rational prices. A trial on Pangasius culture was performed in the farm besides carp polyculture. The fishes of the farm are used for different practical and breeding purposes for students. Rest of fish are sold time to time.

Other Activities:

The college stall was one of the main attractions in the National Kisan Mela organized during in December, 2020. Fish seeds were sold to the fish farmers and their queries were solved by the scientists.



HON'BLE CHIEF MINISTER AND HON'BLE VICE CHANCELLOR KISHAN MELA COLLEGE OF FISHERIES



AMELIORATING QUALITY SEED AVENUES

DR. S.C. VIMAL,
JOINT DIRECTOR (SEED & FARMS)

Quality seed is the most vital and basic input which regulates the agriculture for enhanced production and productivity as the nucleus in cell. The contribution of quality seed alone to boost up the production is estimated about 15-20 per cent depending upon crops. So it is indispensable to make available quality seed of improved varieties/hybrids with superior genetics to the farmers at affordable price and right place well in time. As such the University has accorded due priority to the production and distribution of quality seed of demand driven improved varieties on massive way at National Seed Project (NSP) farms, eleven research farms (CRS/ZARS/MES) and 21 extension farms located in different districts of eastern Uttar Pradesh. The classes of seed like breeder, foundation, certified, TL, etc. of a number of crops/varieties are being taken up. Despite environmental vagaries, the university is producing adequate quantity of seed as per requirements of various sectors. wever, accelerated activities on seed business were augmented with the concerted effort in very recent past.

Realizing the importance of quality seed for increasing agricultural production as whole, Acharya Narendra Deva University of Agriculture and Technology, Kumarganj, Ayodhya (UP), in 1979 , created a separate section of Seed Technology from the department of Genetics and Plant Breeding for the production and distribution of quality seed of need based agriculture commodities. The

Government of India (ICAR) selected this University as one of the centre during first phase of National Seed Project to strengthen the quality seed production and seed technology research programmes. Further, ICAR took a challenging task by launching ICAR Seed Project during X five year for Field Crops component to strengthen further facilities, precision production, providing necessary equipment for seed production, processing and storage with special reference the quality of farm- saved seed and Human Resource Development(HRD). Very recently ICAR has further augmented a new seed avenue entitled “Seed Hub to this University. Thus, the University is mitigating the fall outs in the infrastructure developments and other need based activities for augmenting quality seed production in order to fulfill the indent of DAC as well as other seed producing institutions, farmers, etc.

On the day of joining of our Honorable Vice- Chancellor has put henceforth his top priority on seed production and timely distribution as per DAC, State and other parts of the country.

Seed Production Amenities:

♦ *During Rabi 2019-20, 12 varieties of wheat, 2 of barley, 2 of rai, 3 of gram, 2 of lentil and 1 of field pea (HUDP-15) accounted the production of 228.40 q Breeder Seed, 2507.38 q Foundation Seed and 54.20 q certified seed (Table 1) and the same quantity were processed and distributed as per DAC and State indents as well as seed growers.*



- ◆ During Kharif 2020, 12 varieties of rice and 1 of pigeonpea accounted the production of 586.97 q Breeder Seed, 3516.58 q Foundation Seed and 284.96 q certified seed (Table 2).
- ◆ Seed replacement of own saved and or old used seed by improved seed of promising /newly notified varieties and replacement of old by newly demand driven varieties are being given emphasis to excel the seed avenues (Table-3).

- ◆ Being the seed activities on top priority, the University has been covered about 220.79 ha. acreage by accommodating wheat (12), barley (2), gram (3), lentil (2), pea (1), rai (2) under Breeder and Foundation Seed production during pursuing Rabi 2019-20 and during Kharif 2020 covered 254.45 ha.

Table 1: Seed production (q) of field crops during Rabi 2019- 20

S. N.	Crop/ Variety	Production (q)			Total Production (q)
		B/S	F/S	C/S	
	Wheat				
1.	NW -1014	15.00	-	-	15.00
2.	PBW- 154	43.20	-	-	43.20
3.	K 1317	-	22.00	-	22.00
4.	HD -2967	102.00	1508.12	-	1610.12
5.	WB 2	-	22.20	-	22.20
6.	PBW- 550	9.60	125.05	-	134.65
7.	NW -5054	14.40	228.25	45.00	287.65
8.	DBW- 107	-	14.40	-	14.40
9.	DBW 17	18.00	-	-	18.00
10.	DBW 252	-	159.60	-	159.60
11.	DBW 187	-	67.20	-	67.20
12.	HD -3086	-	199.00	-	199.00
	Total	202.20	2345.82	45.00	2593.02
	Barley				
1.	NDB 1445		10.95		10.95
2.	NB 2	-	-	9.20	9.20
	Total		10.95	9.20	20.15
	Lentil				
1.	KLS 122		12.65	-	12.65
2.	NDL 1	10.00	84.82	-	94.82
	Total	10.00	97.47		107.47
	Rai				
1.	Pitambari	1.70	-	-	1.70
2.	NDR 8501	14.50	22.82	-	37.32
	Total	16.20	22.82		39.02
	Pea				
1.	Rachna	-	3.50	-	3.50
	Total		3.50		3.50
	Gram				
1.	JG 14	-	1.02	-	1.02
2.	KWR 108	-	1.10	-	1.10
3.	Pusa 362	-	24.70	-	24.70
	Total		26.82		26.82
	Grand Total	228.40	2507.38	54.20	2789.98



Table 2: Seed production of major field crops during Kharif 2020

S. No.	Crop	Variety	Breeder Seed	Foundation Seed	Certified Seed	Total (q.)
1	Rice	NDR-2065	122.50	932.19	22.00	1076.69
		NDR 2064	-	133.27	-	133.27
		NDR-97	4.80	13.60	-	18.40
		Sarjoo 52	178.47	644.60	-	823.07
		BPT 5204	78.00	-	-	78.00
		Sambha Sub-1	167.20	1678.52	-	1845.72
		MTU-7029	-	50.40	262.96	313.36
		NDR 359	36.00	-	-	36.00
		HUR 1304	-	24.00	-	24.00
		HUR 1309	-	18.00	-	18.00
		Kala Namak (KN3)	-	12.00	-	12.00
		Rajendra Bhagaiti	-	10.00	-	10.00
		Total	586.97	3516.58	284.96	4388.51
		2.	Pigeon pea	NDA 2	35.25	22.00
Total	35.25			22.00	60.35	117.60
Grand Total	622.22			3538.58	345.31	4506.11
Total		1207.52	5008.66		6216.18	

Table 3: Old Varietal Replacement by Newly notified varieties of major crops

S. No.	Crop	New variety popularized	Pre-release/if released-year of released and/notification	Old Variety Replaced
1	Rice	NDR-3112-1	2009/2187 (E27.08.2009)	Sarjoo-52, NDR-359,
		NDR-2065	2010/1389 (E20.07.2011)	Sarjoo-52, NDR-359,
		Sambha Mahsuri sub-1	2014/268 (E28.01.2015)	Sambha Mahsuri
2	Wheat	NW-4018	2012/244 (E24.01.2014)	C-306, K-65
3	Mung Bean	IPM 2-3, Virat, Shikha	1992/814 (E04.11.1992)	NDM 1
4	Urd Bean	Shekar-2, IPU2-43	1993/615 (E17.8.1993)	NDU 1
5	Pigeonpea	NDA-2	2007/73 (E10.21.2008)	NDA-1
6	Lentil	KLS 122, KLS 9-3	1997/647 (E09.9.1997)	NDL-1



♦ *Participatory Seed Production activities have been taken up on massive in farmer's field especially of newly developed and demand driven varieties of major crops. Farmers are so impressed that they have become a part and partial of seed business. Some farmers of particularly Ballia district are versioned to establish even seed processing plant at their destination.*

Technology Dissemination:

♦ *While redefining ODV standard in rice, there is no need of redefining ODV standard in Foundation seed as observed ODV (8.76/Kg) was lowered than ODV as per IMSCS 2013 (10/kg). But in the case of certified seed, there is a need to redefine ODV standards as observed ODVs (26.44/kg) were considerably higher than standard referral ODV as per IMSCS 2013(20/Kg).*

♦ *Seed primed with Vitavex Power @ 0.25% (16.63 q/ha) or with Sodium molybdate @ 500ppm after 8 hrs of hydration (16.34 q/ha) could be exploited for yield as well as soil fertility improvement in lentil under rice Utera condition.*

♦ *Seed film coating with polymer DISCO AG SP RED L-200) + Thiram + Carboxine (48.38 q/ha), Polymer (DISCO AG SP RED L-200) +Thiram + Genius Coat (50.15 q/ha) and Polymer (DISCO AG SP RED L-200) + Thiram + Quick Roots/Mycorrhiza (49.25 q/ha) could be recommended for efficient and health friendly seed treatment for certified seed in rice.*

♦ *The encrustation 1:1.2 build-up with Thiram and Genius coat TM followed by encrustation 1:1.2 build-up with Thiram and Mycorrhiza facilitated the proper sowing,*

uniform emergence and thus yield improvement up to 22.45 q/ha (18.54 q/ha control) in small seeded crop like mustard.

♦ *The seed vigour parameters viz., germination, speed of germination, vigour index-i & ii and final plant establishment were significantly inferior and quite below to IMSCS (85%) as compare to freshly harvested seed lots. The old seed lots were seemed to be not revalidated for pursuing crop season in wheat.*

♦ *Initial seed treatment with Tebuconazole (Raxil) @ 1g/kg rice seed and subsequent two foliar of Propiconazole 25 EC (Tilt) @ 1.0 g/L (50% panicle emergence and second at after 12-15 days) resulted in maximum false smut control over untreated check in rice.*



SRI ASHWINI KUMAR JI (JOINT SECRETARY SEED, MINISTRY OF AGRICULTURE AND FARMERS WELFARE, GOI) VISITING SEED TESTING LABORATORY



INAUGURATION OF SEED SALE CENTRE BY HON'BLE VICE-CHANCELLOR



DIRECTORATE OF RESEARCH

DR. GAJENDRA SINGH,
DIRECTOR 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 Vindhyaachal 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, Ghaghrahat (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, 64 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 has so far developed 181 improved varieties of various crops out of which 157 varieties have been released at central/state level by central/ state Varietal Release Committee (CVRC/ SVRC) and the rest have been identified for release. The list of crop varieties developed by University is given in

Table-1.

Proposal of Varieties submitted for Notification:

Rice:

- ♦ **NDR 9930111 (IET 19117):** NDR 9930111 is tolerance to submergence, Sheath rot, RTV, Leaf folder, whorl maggot, gundhi bug, stem borer, rice thrips having short bold grain type, duration 145 days and yield potential 50-55q/ha.
- ♦ **IR 64 sub-1:** IR 64-Sub 1 is tolerance to submergence, BLB, Sheath blight, Leaf blast, Brown Spot, RTV, GLH, Case worm, WPBH, PH, GMB1 and stem borer. This variety having long slender grain type, duration 125 days and yield potential 35-40q/ha.

Proposal of Varieties Submitted for Release to SVRC:

Pulses:

- ♦ **Narendra Matar-1:** It is erect medium tall creamy white large seeded type variety, resistant to powdery mildew and tolerant to rust. Maturity 115-118 days. Yield 24-25 q./ha.
- ♦ **Narendra Matar-2:** Dwarf plant type (51 cm) with semi spreading growth habit, medium green foliage, medium seed size (18.4/100 gram). Resistant to powdery mildew and rust. Tolerant to leaf minor, aphid and stem fly.
- ♦ **Narendra Chana-1/ NDG14-11:** Suitable for timely sown condition in chickpea growing areas of Uttar Pradesh

Wheat:

NW-6046 – for rain-fed

Barley:

NDB-1665 and NDB – 1673 – for Alkaline/saline



Table-1 Crop Varieties Developed by NDUAT.

Crop	Name of varieties released/Identified	Total
Rice	Sarjoo-52, Narendra-1, Narendra-2, Narendra-80, Narendra-118, Narendra-97, Narendra-359, Jal Lahari, Jal Priya, Jal Nidhi, Barh Avrodhi, Narendra Usar Dhan-2, Narendra Usar Dhan-3, Narendra Sankar Dhan-2, Barani Deep, Narendra Sankar Usar Dhan-3, Narendra Dhan-8002, Narendra Dhan-2026 (Richa), Narendra Shushka Samrat (NDR-1045-2), Narendra Lalmati, NDR-2064, Narendra Narayani, Narandra Mayank, Narendra Jalpusp, Swarna Sub-1, Narendra Dhan- 3112-1, Narendra Usar Dhan 2008, NDR- 9930111, NDR- 9930077*, NDR - 9930017*, NDR&2065] NDR &6093, Narendra Usar Dhan 2009, NDGR-201, NDR-1055-6*, NDR-2101, NDR-370133, NDR-370134*, NDR-6244, NDR-4058-7*, Sambha Sub-1, NDR- 370135, NDR- 6330, IR-64 Sub-1	44
Maize	Shaktiman-1, UMH-8, UMC-10	3
Wheat	Narendra Wheat-1012, Narendra Wheat-1014, Narendra Wheat-1076, Narendra Wheat-2036, Narendra Wheat-1067, Narendra Wheat- 4018, NW-5054	7
Barley	Narendra Barley-1, Narendra Barley-2, Narendra Barley-3, Narendra Barley-4, Narendra Barley-1173, NDB-943, NDB-1445, NDB-1465, NDB-1464*	9
Mung	Narendra Mung-1, Narendra Mung-2*	2
Urd	Narendra Urd-1, Narendra Urd-2*	2
Pigeon Pea	Narendra Arhar-1, Narendra Arhar-2, Narendra Arhar-3*	3
Lentil	Narendra Masoor-1, Narendra Masoor-2*	2
Mustard	Narendra Rai-1, Narendra Sarson-2, Narendra Ageti Rai-4, Narendra Rai-8 (NDYR-8), NDYS-2018 (Jagrati), NDRE-07	6
Linseed	NDL- 2004-05, NDL-2002, Narendra Alsi-5*, Narendra Alsi-4	4
Cauliflower	Narendra Gobhi-1	1
Brinjal	Narendra Brinjal-1, Narendra Hybrid Brinjal-1, Narendra Hybrid Brinjal-2, Narendra Hybrid Brinjal-3, Narendra Brinjal-2, Narendra Brinjal-3	6
Tomato	Narendra Tomato-1, Narendra Tomato-2, Narendra Tomato-5, Narendra Tomato-6, Narendra Tomato-3, Narendra Tomato-4, Narendra Tomato-7, Narendra Tomato-8	8
Vegetable Pea	Narendra Sabji Matar-1, Narendra Sabji Matar-2, Narendra Sabji Matar-3, Narendra Sabji Matar-4, Narendra Sabji Matar-5, Narendra Sabji Matar-6	6
Muskmelon	Narendra Kharbuja-1, Narendra Kharbuja-2	2
Colocasia	Narendra Arvi-1, Narendra Arvi-2, PKS-1*	3
Pointed gourd	Narendra Parwal-260, Narendra Parwal-307, Narendra Parwal-604	3
Banda	Narendra Banda-1, Narendra Banda-3*	2
Pumpkin	Narendra Agrim, Narendra Amrit, Narendra Abhooshan (NPH-1), Narendra Upcar	4
Bottle gourd	Narendra Sankar Lauki-4, Narendra Rashmi, Narendra Shishir, Narendra Dharidar, NDBG-104, NDBG-132*, Narendra Madhuri, Narendra Shivani, NDBG&619, NDBG-10	10
Okra	NDO-10*	1
Bittergourd	Narendra Barahmasi-1, Narendra Barahmasi-2*	2
Cowpea	Narendra Lobia-1, Narendra Lobia-2	2
Sweet Potato	Narendra Shakarkand-9, NDSP-10*	2
Elephant Foot	Narendra Zimikand-5, Narendra Zimikand-9	2
Turmeric	Narendra Turmeric-1, Narendra Turmeric-2, Narendra Turmeric-3, NDH-98*, NDH-8	5
Coriander	Narendra Corinader-1, Narendra Corinader-2*	2
Fenugreek	Narendra Methi-1, Narendra Methi-2*, NDM-79*	3
Sauf	Narendra Sauf-1	1
Aonla	Narendra Aonla-4, Narendra Aonla-5, Narendra Aonla-6, Narendra Aonla-7, Narendra Aonla-10, Narendra Aonla-20	6
Bael	Narendra Bael-4, Narendra Bael-5, Narendra Bael-7, Narendra Bael-9, Narendra Bael-17*, Narendra Bael-16	6
Ber	Narendra Ber Selection-1, Narendra Ber Selection-2	2
Opium Poppy	Narendra Posta-1 (Kirtiman)	1
Mandookparni	Vallabh Medha	1
Babchi	IC-111226*	1
Lemongrass	NLG-84*	1
Jute	Reshma, NDC-9102, NDC-2008, NDC-2028, NDJC-2011, NDJC-2013	6
Crotolaria	Narendra Sanai-1	1
Bajra (Forage)	NDFB-2, NDFB-3, NDFB-5, NDFB-11	4
Oat	NDO-1, NDO-2, NDO-10, NDO-711, NDO-1101	5
Total		181

* Varieties identified in National Workshops/Group Meetings of AICRP's.



Technology Generated:

□ *Appropriate planting techniques of tree for sodic soil ;(leep and larger pits are preferred and for forest tree species pit size of 60x60x60 cm is suitable, whereas for fruit species it should be of 90x90x90 cm; (ii) As far as possible, the kankar pan must be removed; (iii) The pits should be filled up to the height of 10 cm above the ground with good soil, sand and FYM in the ratio of 2:1:1. (iv) Soils with high pH (more than 8.5) should be treated with gypsum to provide a more favourable medium for initial plant growth during the establishment period and (v) Digging of pits should be done during April-June and planting during July-Sep. when the soil moisture is high.*

Technology Transferred and Refined:

□ *Irrigation with (7cm water depth, 1-3 days after disappearance of ponded water with check basins of (10x10m) should be practiced in place of continuous ponding of water in rice.*

□ *Pigeon pea grown on raised bed in paired rows at 50cm spacing and 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 pisciculture 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 with (B:C ratio of -1.60). The farmers of ORP area are very much convinced with this system.*

□ *Intercropping of gram + mustard (4:2) was*

found to be the most 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 the 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 with five irrigations at critical stages in case of wheat was found suitable.*

□ *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.*

□ *Application of irrigation with 7cm 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.*



Technology Generated:

□ *Appropriate planting techniques of tree for sodic soil ;(leep and larger pits are preferred and for forest tree species pit size of 60x60x60 cm is suitable, whereas for fruit species it should be of 90x90x90 cm; (ii) As far as possible, the kankar pan must be removed; (iii) The pits should be filled up to the height of 10 cm above the ground with good soil, sand and FYM in the ratio of 2:1:1. (iv) Soils with high pH (more than 8.5) should be treated with gypsum to provide a more favourable medium for initial plant growth during the establishment period and (v) Digging of pits should be done during April-June and planting during July-Sep. when the soil moisture is high.*

Technology Transferred and Refined:

- *Irrigation with (7cm water depth, 1-3 days after disappearance of ponded water with check basins of (10x10m) should be practiced in place of continuous ponding of water in rice.*
- *Pigeon pea grown on raised bed in paired rows at 50cm spacing and 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 pisciculture 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 with (B:C ratio of -1.60). The farmers of ORP area are very much convinced with this system.*
- *Intercropping of gram + mustard (4:2) was*

found to be the most economical in rabi season under poor availability of canal water.

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□ *Rice-potato-okra and maize-potato-okra were found the 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*



BRINJAL CROP PLANTED UNDER DIFFERENT LAND CONFIGURATION AND IRRIGATION SCHEDULES



□ Irrigation scheduled at 1.0 IW/CPE (I3) with Integrated nutrient management system (75% RDF + 25% RDN through bio-compost) is recommended for cabbage production.



CABBAGE CROP GROWN UNDER DIFFERENT IRRIGATION SCHEDULES AND INTEGRATED NUTRIENT MANAGEMENT

□ Irrigation at 1.0 IW/CPE in Paired row planting of maize on broad base raised beds with rice straw mulch @ 5 t/ha is recommended for high maize yield and maximum net profit.



MAIZE CROP PLANTED UNDER DIFFERENT TREATMENTS OF LAND CONFIGURATION AND MOISTURE REGIME UNDER MULCH

Dryland Agriculture:

Rainwater Management:

Catchment storage command area relationship for enhancing water productivity in micro water shed is in progress with completion of water harvesting ponds at Agronomy Research Farm.

Cropping System:

During kharif season, common seed yield of 20.25q/ha of paddy was received. The Paddy Yield Equivalent was recorded significantly highest (90.56 q/ha) with Paddy-Chickpea cropping system followed by Paddy- Lentil (82.31q/ha). Moisture Use Efficiency (11.11 kg/ha-mm), Net return (Rs.102296) and B:C ratio (3.88) also maximum with Paddy-Chickpea cropping sequence.

Nutrient Management:

Among the cropping systems, pigeonpea + sesame was found the most beneficial as compare to pigeonpea + sorghum or pigeonpea sole. Among the nutrient management practices, maximum pigeonpea yield as well as intercrop crops (Sorghum and sesame) was recorded with 75 % RDF + FYM @ 5 t ha⁻¹ + Sulphur @ 40 kg ha⁻¹ + ZnSO₄ @ 25 kg ha⁻¹ + B @ 1.5 kg ha⁻¹



Rain-Fed Integrated Farming Systems:

Rainfed agriculture occupies approximate 68% of India's cultivated area and supports about 40% of the human and 60 % of the livestock population. It produces about 44 % of the food requirement. In view of above, the experiment on Rainfed Integrated Farming Systems was initiated from 2017. In this experiment, Two Blocks have been selected for survey in Faizabad district which comes under rainfed situation. The major area of these two blocks comes under rainfed situations. Three villages selected from each block and 40 farmers selected from each village. The Survey of all six villages namely, Biraulijham, Amawanchhetan and Bhabarmau of Amaniganj Block & Khadbhariya, Prashpursathera and Lohanipaliya of Harigtonganj Block have been completed and all the data collected from 6 villagers of 240 farmers have been filled on excel proforma sent to AICRPDA, Hyderabad. After analysis of collected data, select a IFS village "Balarmau" which comes under Block Baldirai, District- Amethi. In IFS village 30 farmers are selected for IFS study.



VIEW OF RICE BASED CROPPING SYSTEM



VIEW OF ALTERNATE LAND USE SYSTEM EXPERIMENT

Integrated Farming System :

Under the Integrated farming system Model (IFS - Model), four unit were maintained at Agronomy Research farm i.e. crop unit, dairy unit, Horticulture Unit and Fisheries Unit. Integrated farming system model of one hectare at Agronomy Research farm gave gross income (Rs 187749/ha), net income (Rs 62639/ha) and benefit : cost ratio (0.50).



VIEW OF AICRP ON CHICKPEA EXPERIMENTS RABI 2019-20



Ongoing Research Projects 2020-21

Sl. No.	Name of Projects	No. of Projects
1.	All India Co-ordinated Research Projects (75% ICAR share and 25% State share)	19
2.	Scheme 100% Financed by ICAR	02
3.	Research Project Financed by International Agency	01
4.	Research Projects Financed by UPCAR	03
5.	Research Projects Financed by RKVY	14
4.	Research Projects Financed by other National/State Agencies	07
5.	Non - Plan Projects 100% Financed by State Govt.	18
Total :		64

New Research Projects Sanctioned:

Sl. No.	Name of the Project/ Scheme	Year of Start & Rs. In lacs
1	Genetic enhancement for terminal heat tolerance in bread wheat (<i>Triticum aestivum</i> L.) with conventional and molecular breeding approaches (UPCAR)	2020-21 Rs. 16.77
2	Development of suitable model to harvest the optimum potential of fuish production in sodic soil of Uttar pradesh(UPCAR)	2020-21 Rs. 19.18
3	Genetic Improvement of Kala Namak for productivity traits, biotic and abiotic stress tolerance, aroma and nutritional quality.(UPCAR)	2020-21 Rs. 14.40
4	Strengthening of seed production farm (RKVY)	2020-21
5	Establishment of Agriculture Technology park(RKVY)	2020-21 Rs. 472.00
6	Production of elite germplasm through embryo transfer technique in bovine.(RKVY)	2020-21
7.	Collection identification and distribution of relatively high iron and zinc containing genotypes among farmers for fulfillment of nutritional requirement of rice eating poor consumers(RKVY)	2020-21 Rs. 23.00



8	Strengthening of parasitological laboratory with advance diagnostic facilities for detection of parasitic diseases (RKVY)	2020-21 Rs. 92.77
9	Demonstration of drip irrigation/fertigation under diversifies cropping system (RKVY)	2020-21 Rs.99.50
10	Establishment of centre for training, research and production of bio-fertilizer and bio-pesticide formulation for the benefit of farmers in Eastern U.P. (RKVY)	2020-21 Rs. 287.95
11	Renovation and establishment of New Polycarbonate Green House and Net House for Nursery production and cultivation of horticultural crops (RKVY)	2020-21 Rs. 72.25
12	Mechanization of fodder farm based on agriculture implements and establishment of silage making machine for proper utilization of farm wastes. (RKVY)	2020-21 Rs. 94.00
13	Ergonomic laboratory for ergonomic risk analysis and reducing health hazard of farm women	2020-21 Rs. 40.35
14	Strengthening of 07 KVKs of ANDUAT, Ayodhya.	2020-21 Rs. 2099.74

Award/ Recognition:

Our one AICRP center on Spices has been Awarded as the best centre 2018-19 which was received during XXX Workshop of ICAR-AICRP on Spices at TNAU, Coimbatore in Nov., 2019.

Other Achievements:

▶ Varieties identified for released and release proposal have to be submitted (for U.P.) in the meeting held on 21/09/2020.

- ▶ **Wheat:** NW 7008 – Rain-fed
- ▶ **Barley:** NDB-1683, NDB-1697, NDB 1699- Alkaline/saline
- ▶ **Chickpea:** NDG-15-02 Timely sown.

- ▶ Dy. Commissioner (Labour and Employment/ Joint District Programm Coordinator (DPC), Ayodhya pproved worth Rs. 468.29 lakhs for fencing, road construction, drainage channel and land levelling work for National Seed Production-2 (NSP-2) and Crop Research Station, Masodha Unit-I and II from MGNREGA.
- ▶ A National Seed production farm (NSP-6) of 6.1 hectare has been developed for fodder seed production & integrated farming system models.



STUDENTS' ACTIVITIES

**PROF. D. NIYOGI,
DEAN STUDENT'S WELFARE**

The Dean Student's Welfare holds responsibility of organizing and managing all matters related to students welfare, conduct and discipline. Under the able guidance of Hon'ble Vice Chancellor, office of the Dean Student's Welfare functions as a nodal centre to promote cooperation, coordination, congenial living environment and overall development of students by monitoring and supervising day to day essential support required for academic and co-curricular activities of the students. The Dean Student's Welfare Office facilitates for boarding, lodging, facilities for entertainment and sports 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. The office also provides medical facilities for the students in any ailing conditions. Organization games and sports for the students round the year and Annual Sports Meet is also one of the major responsibilities of the office. Providing platform and tools to acquire knowledge, all round development of the students with personality and leadership qualities, and better career opportunities among the students is the another most important responsibility of this office.

Hostels:

Being a residential University, Narendra Deva University of Agriculture and Technology has a total of 21 hostels providing comfortable and safe accommodation for 2200 students. The functioning of the Hostels is governed by the Hostel Rules and Regulations. DSW with his team of ADSW, wardens, Assistant Wardens and other hostel staff in addition to his office staff proficiently looks after the day to day activities of the hostel. All the hostels are spacious and equipped with modern facilities, well ventilated and cleaned daily maintaining proper hygiene and civic amenities. Recreational facilities are also available with a common room equipped with a colored T.V., cable facility and news paper etc. The hostel mess is equipped with refrigerator, water cooler and utensils in adequate quantity. Out of 19 hostels, three hostels for girls and one for International students. Separate arrangements for post-graduate and undergraduate students are available. Most hostels are double and triple seated. Each hostel mess is run and managed by the students on cooperative basis. Girl's hostel mess is run by the contractor in the guidance of the university. Generator facility is provided in most of the hostels. In seven hostels Volley ball, Badminton and Table tennis facilities are provided.

Status of Hostels and their Strength:

Name of the Hostels

Sr. No.	Hostel	Rooms	Seats
1.	Ganga Hostel	108	130

Sr. No.	Hostel	Rooms	Seats
12.	Gomti Girls Hostel	52	126



2.	Yamuna Hostel	104	148	13.	Niranjana Hostel	19	38
3.	Saryu Hostel	112	156	14.	Gomti Girls Hostel Phase-2	20	60
4.	Kalindi Hostel	70	120	15.	Brahmaputra Hostel	40	120
5.	Varuna Hostel	110	130	16.	Achirawati Hostel	22	44
6.	Rohini Hostel	40	120	17.	Godawari Hostel Ambedkarnagar	45	105
7.	Hiranawati Hostel	58	116	18.	Kaveri Hostel Ambedkarnagar	100	150
8.	Anoma Hostel	34	102	19.	Girls Hostel Ambedkarnagar	05	20
9.	Amrawati Hostel	50	100	20.	Boys Hostel, Azamgarh	80	240
10.	Saraswati Hostel	35	70	21.	Girls Hostel, Azamgarh	16	48
11.	Rapti Hostel	40	120				

Hostels and Hostel Wardens with Assistant Hostel Wardens:

Sl.No.	Hostel	Hostel Warden (HW)	Assistant Hotel Warden (AHW)
1	Kalindi Hostel	Dr. Jasvant Singh	Dr. P. K. Choudhary
2	Varuna Hostel		Dr. J.P.Singh
3	Amarawati Hostel		Dr. H. K. Singh
4	Rohini Hostel	Dr.S.P.Singh	Dr. Alok Kumar Pandey
5	Hiranawati Hostel		Dr. S. R. Meena
6	Brahmaputra Hostel		Dr. Dinesh Kumar
7	Saraswati Hostel	Dr. N.A. Khan	Dr. Shiv Pratap Singh
8	Anoma Hostel		Dr. K.N Singh
9	Rapti Hostel		Dr. V.P.Choudhary
10	Niranjana Girls Hostel	Dr.Suman Prasad Maurya	Dr. Ruma Devi
11	Gomti Girls Hostel		Dr. Sadhana Singh
12.	Gomti Girls Hostel Phase-2		Dr. Supriya Arora
13	Godawari Hostel, Ambedkarnagar	Dr. S.K. Pandey	Dr. P. K. Mishra
14	Kaveri Hostel, Ambedkarnagar		
15	Ganga Hostel	Dr. Ashok Kumar	Dr.Shivnath
16	Yamuna Hostel		Dr. R. K.Pathak
17	Saryu Hostel		Dr. Sameer Kumar Singh
18	Achirawati Hostel		Dr. Mukesh Kumar
19	Boys Hostel, Azamgarh	Dr. Vinay Singh	Dr. Sandeep kumar Pandey Dr. Vimlesh Kumar Yadav



Financial AIDS/ Scholarships:

The financial assistance is available for more than 60% students. There are about 20 types of scholarships such as University financed scholarships, I.C.A.R. , U.G.C. , Samaj Kalyan Vibhag Scholarship for scheduled caste,/Scheduled tribes, general

categories and minority, other backward class scholarships from Govt. of U.P. and Mandi Parishad scholarships are available for the students.

Details of Scholarships in the University:

Sl. No.	Details of Scholarships	No. of Students	Amounts (Rs/month)	Remarks
1-	University Merit Scholarship			
a)	Ph. D.	02 Students in each Deptt.	1500	-
b)	M. Sc. (Ag.)/ Home Sci./ M.V.Sc.)	01 Student in each Deptt.	500	-
c)	B. Sc. (Ag./ Home Sci./ B.V.Sc. & A.H.	15 per cent of the total admitted students in a year.	. 150	-
2-	Rajeev Gandhi National Scholarship (selected by U.G.C. for SC/ST Ph. D. students)	-	Rs. 25000/- per month and after 02 years Rs. 28000/- per month	Selected by U.G.C. on the basis of students application showing his Ph. D. research work.
3-	Junior Research Fellowship for M. Sc. (Ag./Home Science) students	-	6840	Selected by ICAR through entrance examination.
4-	SRF for Ph. D. students	--	Rs.12,000/- per month and after 02 year Rs.14000 per month	Selected by ICAR through entrance examination.
	DST/INSPIRE Fellowship	05 student	Rs. 25,000/- per month+ HRA+Contingency	Selected by UGC through entrance examination
5-	National Talent Scholarship B. Sc. (Ag./ Home Sci./ Ag. Engg./ Fisheries/ Hort.)	---	Rs. 2000/- per month and Rs.800/- per month U.P students	-do-
6.	U.P. Mandi Parishad Scholarship			
a)	M. Sc. (Ag.)	05 Students	3000	These scholarships have been given to son/daughter of Laghu Seemant Farmers and selected on the basis of intermediate/B.Sc./M.Sc. Level merit.
b)	M. Sc. (Home Sci.)	04 Students	-do-	
c)	B. Sc. (Ag.)	20 Students	-do-	
d)	B. Sc. (Home Sci.)		-do-	
e)	PhD.	25 Students	6000	
7-	U.P. Govt. Scholarships			These scholarship have been given to students whose guardians income is below Rs. 2.5 lac per year SC/ST and other
a)	SC/ST Category Scholarship	-	1200	
b)	General Category Scholarship	-	-do-	
c)	OBC Category Scholarship	-	-do-	



d)	Minority Category Scholarship	-	-do-	2.00 lac. Rate of scholarship of Hostelor students is Rs. 1200/= PM and Day Scholars is Rs. 550/- per month with complete fee reimbursement
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PHYSICAL EDUCATION:

The university lays a great emphasis on the role of games and sports to keep the students physically efficient, mentally alert, morally sound and socially well behaved. These activities are organized through 20 games and sports units like Athletics, Badminton, Basket ball, Cricket, Football, Gymnastics, Hockey, Indoor games, Kabaddi, Tennis, Kho-kho, Handball, Swimming, Table Tennis, Volley ball and Yogic exercises under over all supervision of University Sports Council / Dean Student's Welfare. The University provides required games and sports materials to the hostels as well as University ground. A central play ground adequately equipped with gymnasium, physical fitness equipments and a swimming pool (under construction) exits for athletics as well as other game events.

Sports Coaching Facilities:

Coaching facilities are available in the University play ground for making the students efficient in various games. The students can contact the physical education Staff / Presidents of various games for guidance. List of Officer In-charge, Sports and presidents are below:

1.	Dr. Sanjay Pathak	Officer In-charge, Sports & Games
2.	Dr. A.K. Singh	Assistant Officer In-charge (Outdoor Sports & Games)
3.	Dr. Rishikant	Assistant Officer In-charge (Indoor Sports & Games)

4.	Dr. A.K. Singh	President, Athletics
5.	Dr. Bhanu Pratap	President, Lawn Tennis
6.	Dr. Suman Maurya	President, Cultural Programmes
7.	Dr. Shivesh Singh Sengar	President, Basket Ball
8.	Dr. Abha Singh	President, Social Programmes
9.	Dr. Jaswant Singh	President, Discuss/ Debate
10.	Dr. Adesh Kumar	President, Badminton
11.	Dr. Promod Kumar	President, Hand Ball
12.	Dr. Sadhana Singh	President, Girl's Sports
13.	Dr. P.K. Chaudhary	President, Body building
14.	Dr. Shiv Pratap Singh	President, Football
15.	Er. V.K. Singh	President, Volleyball
16.	Sri Amar Nath Singh	President, Kabbadi
17.	Dr. Mukesh Kumar	President, Cricket
18.	Dr. Raj Bahadur	President, Swimming
19.	Dr. Laxmi Prasad	President, Scientific Programmes
20.	Dr. S.P. Singh	President, Kho-kho
21.	Dr. Naveen Kumar	President, Indoor Games
22.	Er. Om Prakash	President, Table Tennis
23.	Dr. Susheel Kumar	President, Hokey



During the academic year 2019-20 the students of different categories has got scholarships and fee reimbursement from the Social Welfare, Other Backward Class and Minority departments of U.P. Government which are as follows:

1. Scheduled Caste/
Tribes category - 304 Students
 2. General category - 371 Students
 3. Other Backward - 674 Students
castes category
 4. Minority category- 40 Students
- No. of Total Students - 1389 Students**

During the year 2019-20, besides the above Scholarship, **Mandi Parishad Scholarship** has been provided to 39 students (UG & PG) of the university, **DST Inspire Fellowship** to 02 students (PG) and **Indo-Afghan Scholarship** to 06 post graduate and Ph.D. students of the University.

All India Inter Agricultural University Sports:

Forty students comprising of 33 boys and 07 girls from different colleges of our university participated in the **All India Agri-Sports-2020** organized by Sri Venkateswara Veterinary University, Tirupati, Andhra Pradesh from **1st March to 5th March, 2020**. Our students participated in different sports events like Badminton, Kho-kho, Table Tennis,

Volley ball, Shot put, Discus Throw, Javelin throw etc. Dr. Ruma Devi, Assistant Professor from College of Veterinary Science & Animal Husbandry and Dr. Dev Narayan, Sports Teacher were deputed as Team Managers to lead the students form different colleges of the university in Agri- Sports-2020 and to maintain the discipline among the students on the way of journey and during their stay at Tirupati Andhra Pradesh.



PARTICIPATION OF UNIVERSITY IN ALL INDIA INTER UNIVERSITY AGRI SPORTS

MOU Signed:

- ▶▶ The MOU was signed between NDUAT and Medha Learning Foundation, Lucknow to establish the Career Service Centre.
- ▶▶ A total of 118 students from different colleges have been trained.
- ▶▶ A “**Career Orientation Workshop**” was organized on 15th October, 2019 for the final year students of all the colleges for personality development and better career options.



Hostel Renovation:

Renovation of Kalindi, Varuna, Amarawati, Gomti, Niranjana, Saryu, Saraswati, Anoma and other hostels has been done. New Volley ball field and Badminton court has been inaugurated by Hon'ble Vice Chancellor.

Foreign Students:

Six 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.

Group Health Insurance Scheme:

A Group Health Insurance Scheme has made compulsory for the students admitted from the academic session 2019-2020. University is collecting Rs. 350=00 yearly per student for this scheme. The university finalized a group health scheme from Bharti AXA General Insurance Company Limited Kanpur for the students. Under this scheme in case of death of a student through accident Rs. 2,00,000=00 will be given to the parents. A cashless treatment facility up to Rs. 45,000=00 (Rs. 55,000=00 in case of accident) per year; Rs. 2,500=00 as ambulance charges and Rs. 500=00 per year per student as OPD charges is meant in the scheme. In all payments 10% as co-payment will be done by the patients.

Mess Facilities:

Mess facilities are being provided for the students residing in all the hostels of the University. Permanent buildings are being provided for mess at the main campus, Ambedkar Nagar campus and as well as Azamgarh campus.

Travel Facilities:

Railway concessions are provided to the University Students who hail from different parts of the country by the DSW office and thus facilitate them to travel to their home towns during holidays and vacations declared in the academic calendar of the University. Railway concessions are also provided for participation in academic tours, sports events and cultural events.

Medical Facilities:

Medical facilities are not so good, however the minimum medical aids to students for treatment of common ailments, at main campus, Kumarganj are being provided. For this two "A" type residences are provided for dispensary and one medical officer also reside at main campus. The students are given medicines and in case of emergency/serious cases the students are referred to District hospital Faizabad. The medical facility at Ambedkar Campus is not available at present. However, it will be provided very soon.

Mechanisms to Address Students'

Grievances:

Since its inception, the welfare of the students has been the abiding concern of the University. With large student strength, problems are bound to crop up and the University has developed an inbuilt mechanism to redress them. The University has Dean of Students' Welfare exclusively to look after the interests of the students. At University level, arrangements have been made to redress students' problems where their representatives are involved. Dean Students Welfare is the Chairman of various committees related students.



INSPECTION OF HOSTEL FACILITIES BY HON'BLE VICE CHANCELLOR



INTERACTION OF HON'BLE VICE CHANCELLOR WITH THE NEWLY ADMITTED STUDENTS THROUGH ICAR

Anti-Ragging Measures:

This University has the track record of being a completely ragging free academic campus and hostels. Harassment in any form in and around the campus as well as in any form in and around the campus as well as in the hostels and outside is completely prohibited. Severe punishment is imposed to any student indulging in ragging. In conformity to the UGC Regulations on "Curbing the Menace of Ragging in Higher Educational Institutions-2009", anti ragging committees and squads have already been formed.

As per the guidelines of University Grant Commission, ICAR and State Govt. University has made following committees to make University Campus ragging free zone.

1. Anti-ragging Committee
2. Anti-ragging Squad
3. Anti-ragging Monitoring Committee
4. Ragging Monitoring Cell

No ragging cases were reported in this University so far in the current session as well as in the last academic session.



PLANTATION AT HOSTEL BY DSW



CULTURAL PROGRAM CELEBRATION ON THE EVE OF REPUBLIC DAY, 2021



DIRECTORATE OF PLACEMENT

**DR. D. NIYOGI,
DIRECTOR**

Directorate of Placement is a separate wing with One Director and Assistant Director each to facilitate the employment of outgoing/passed out students of the university every year and co-ordinators from different colleges to make a linkage with the activities of placement cell.

Director	Dr. D. Niyogi
Assistant Director	Dr. Ulman Yashmita Nitin
Coordinators	
College of Agriculture	Dr. Shamboo Prasad
College of Veterinary Science	Dr. Satyavrat Singh
College of Horticulture	Dr. Sanjay Pathak
College of Fisheries	Dr. Dinesh Kumar

Vision:

- ❖ *To increase the knowledge of the students*
- ❖ *To give more exposure and hands-on training to the students*
- ❖ *To sharpen the analytical and reasoning power of the students*
- ❖ *To train the students for personality developments and career opportunities*

Objectives:

- 1. To organize campus and online interviews for the passed out and final year students to get placed in reputed multinationals, government organizations, NGO's and private sectors.*
- 2. To conduct lectures by senior corporate personnel to enlighten the students on the industrial skill requirements.*
- 3. To train the graduate and post graduate students for their future roles as responsible employees and cater to the needs and*

- expectations of the competitive job world.*
- 4. To shape the careers of students by continuous monitoring, counseling, personality development and improving communication skills.*
- 5. To provide 100% placements to our graduates.*
- 6. To act as an interface between the company and the students and help the students to select the right career option.*

The main endeavor of the Placement Cell of the university is to get the students placed in reputed multinationals, government organizations, NGO's and the Private Sectors by coordinating between the students and different private organizations. The directorate is committed to provide all possible assistance to its students in their efforts to find employment. The mission is to train the students on industry needs and provide the best of opportunities available in India and abroad for the university students. The goal therefore is to provide career guidance and 100% placement opportunities to our students working on their weakness, imbibing confidence and giving a perfect shape or start to the budding technocrats in their respective fields.

The University has been imparting job oriented professional education in different field's viz. Agriculture, Horticulture, Veterinary Science & Animal Husbandry, Home Science, Agricultural Engineering, Computer Science, Biotechnology and Fisheries. Some of the modules of these courses are customized to cater to the current needs of the industries. The placement cell



brings together the students and industries on the same platform so that the students can choose their career with the company of their choice and the industries can have a better understanding of the profile and skills of students.

“Career Orientation Workshop” for the UG students of the different colleges has been organized by the experts from Imperial School of Agribusiness (ISAB), Ahmedabad for the development of employability skills among the students.

To facilitate the employment of outgoing students, the placement cell has organized several campus interviews. Last year, in the process of placement of students, along with the expert team, Chairman of Bhavdiya Group of Institutions, Sewar (Baraikala), Badagaon selected 07 post graduate students tentatively on 10.05.19 for the posts of Assistant Professor in different discipline of agriculture viz. Agronomy, Plant Protection, Genetics and Plant Breeding, Agricultural Economics. Among them, 04 students (one in each of the above discipline) got appointed finally as Assistant Professor in that institution. Fifteen (15) students from College of Fishery Science were selected tentatively for the posts of Sales Executive by campus interview on 07.06.2019 by Dayal Group, Lucknow. Again, a total of 13 students were tentatively selected from College of Agriculture and College of Veterinary Science and Animal Husbandry for different posts by Dayal Group, Lucknow on 04.08.2019. Gram Unnati Foundation, Noida has selected 04 students from Agriculture and Horticulture College through campus interview on 18.09.2019. The recruitment from three other reputed companies is also under process.

This year due to COVID – 19 pandemic, the placement cell conducted recruitment process through online mode. Zeneva Crop

Science Pvt. Ltd., Lucknow conducted 1st round of online interviews on 8th September 2020 and 2nd round of interviews on 4th January 2021 and employed 30 students of agriculture and horticulture for the post of Sales Representative and Sales Trainee. The placement cell has also organized offline campus interview at its Ambedkar nagar campus for the appointment of agriculture engineering students by Radhika Biotech technology Pvt limited, Agra on 27th January, 2021, in which 04 students got selected. The cell is also initiating the process of sending the final year students of agriculture, horticulture and agricultural engineering as interns for a period of 60 days to a reputed company 'Pan-Seeds' which gives placement opportunities all over India. The interns will be selected through aptitude tests and personal interviews to be held through Zoom meetings. Apart from this, the placement cell is in touch with two more companies for placement of the passed out students.





DIRECTORATE OF EXTENSION

A. P. RAO,
DIRECTOR EXTENSION



The Directorate of Extension is actively involved in transfer of novel 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 24 Krishi Vigyan Kendras (KVKs) and 4 KGKs located in different districts of Eastern Uttar Pradesh.

Vision:

“Self-reliant, healthy rural people enriched with agricultural knowledge and market intelligence”.

Mission:

♦ *To develop a system of effective research and extension linkages, generating employment in the field of agriculture and allied disciplines through integration of information technology for overall development of rural population*

- ♦ *To bridge the agricultural technology gap at grass root level by educating rural people to attain self-reliant agriculture and rural development.*
- ♦ *To create awareness about health, hygiene, environment and bio-diversity conservation for sustainable development.*

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.



Objectives:

- Providing single window delivery system of all agricultural inputs and technology to the farmers.
- Diagnostic services related to agriculture and allied fields.
- Seeking feedback from farmers.
- Help Line Service to the farmers.

Technology Products Sold:

ATIC provides various technology products to the farming community in form of Book, Mini kit, Folder sold quality seed of frontier varieties Agriculture Diary.

No.	Technology Products Sold	No. /Qty	Value (Rs.)
1.	Technical bulletin	1423	25811
2.	Poorvanchal Kheti	12000	220000
3.	Agriculture Diary	3000	360000
4.	Paddy seed (Qt)	312	624000
5.	Wheat (Qt)	295	744875
	Total		1974686

Farm Advisory Services:

□ Subject Matter Specialists of the Directorate as well as the faculty of various constituent Colleges provide advisory services to the masses.

Diagnostic Services:

- Directorate is providing diagnostic services through Colleges, ATIC and KVKs for soil, plant health (Plant clinic) and animal health (Veterinary clinic).
- Animal health camp is being organized regularly at village level to provide diagnostic and treatment facilities at door step of farmers.

- On spot solutions to the problems of farming community by making rigorous field visits and farmers scientist interaction.

Human resource management Training:

The Directorate of Extension is organizing refresher/training courses on the latest production technologies and management. These training programmes help the extension personnel by augmenting their knowledge and skill competencies to enable them to serve better their clients – the farmers. The Directorate of Extension use to conduct short and medium term training programmes throughout the year. In the following training, one scientist/ farm manager from each KVK / farm science centers has participated. This training was funded by ICAR- ATARI Kanpur.

Krishi Vigyan Kendras (KVKs):

KVK, is an integral part of the National Agricultural Research System (NARS), aims at assessment of location specific technology modules in agriculture and allied enterprises, through technology assessment, refinement and demonstrations. KVKs have been functioning as Knowledge and Resource Centre of agricultural technology supporting initiatives of public, private and voluntary sector for improving the agricultural economy of the district and are linking the NARS with extension system and farmers.

Mandate:

- Assessment and refinement (On Farm Testing) of technologies to identify location specifically under various farming situation.
- Organize training to update the extension personnel with emerging advances in agricultural research on regular basis.



- Organize 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.
- Organize front-line demonstrations in various crops to generate production data and get feedback information.
- Production and sale of quality seeds and planting materials.

Achievements:

The major sphere activities of KVKs includes, conducting problem oriented on farm trials (OFTs), front line demonstrations (FLDs) on oilseeds, pulses, cereals, vegetables, fruit crops and other enterprises and also imparting trainings to farming community, rural youths, school dropouts, extension functionaries and other stakeholders with organizing various extension activities and generating elite planting material. Under jurisdiction of University 24 KVKs are working at various agro- ecological situations of the Eastern Uttar Pradesh.

Extension Activities:

During the year 7700 number of extension activities were organized. The mass media includes 259 numbers of radio/TV talks were broadcasted/telecasted in the reported year.



Production of Seed and Saplings:

Krishi Vigyan Kendras are a centre for supplying elite/quality planting material and seeds of different crops to the farmers. During the year 4568.34 quintals crop seed were produced at farm level and more than 6.86 lacs seedlings of fruits and vegetables were supplied to the farmers.

Seed & Planting Material Production:

	Quintal/Number	Value (Rs)
Seed (q)	4568.34	13047903
Planting material (No.)	686269	805556
Bio-Products (kg)	21.350	33240
Livestock Production (No.)	1530	138000



Human Resource Training Conducted by Directorate of Extension:

S.N.	Title	Clientele (KVKs)	Participants (No.)	Date
1.	Crop residue management	SMSs	23	28-29 January, 2020
2.	Cultivation of horticultural crops and post harvest management	SMSs	22	4-5 February, 2020
4.	Animal based integrated farming system	SMSs	24	10-11 February, 2020
5.	Modern scenario of pest management	SMSs	23	17-18 February, 2020

Workshop/ Meeting Organized:

S. No.	Details of workshop/ Meeting Conducted	No. of Meetings	No. of participants
1.	Pre Zonal workshop revue meeting	01	23
2.	Mid Term Workshop	01	53
3.	Virtual Workshop of KVKs on technology Backstopping	01	32
4.	Letter Received/ Reply	26	26

Trainings:

During the reporting year the following trainings were organized:

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	1957	36452	8649	45101
Rural youths	343	7605	2014	9619
Extension functionaries	183	4154	380	4534
Sponsored Training	87	4750	843	5593
Vocational Training	157	2769	619	3388
Total	2727	55730	12505	68235



On Farm Testing:

Keeping in view the local need of farmers and prevailing problems and practices of the areas 126 numbers of OFT (on farm trials) were conducted on 666 farmers' field by all KVKs and provide the recommendations after assessment and refinement of the technologies in participatory mode.

Technology Assessed	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Crops	90	199	479
Livestock	14	28	87
Various enterprises	22	49	100
Grand Total	126	276	666

Front Line Demonstration on Oil Seed, Pulses and Other Crops/ Enterprises:

Front line demonstrations on frontier technologies are conducted on large scale on the following proven technology:

- 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. The details of the demonstration conducted are given below:

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	2370	752	
Pulses	4556	1684.70	
Cereals	2282	1007.5	
Farm implements	430	110.20	
Other Crops (Vegetable, Fodder)	698	50.87	
Hybrid crops	88.0	28.0	
Total	10424	3633.27	
Livestock & Fisheries	207		442
Other enterprises (Mushroom Production, Value addition, Kitchen Garden, Drudgery reduction, Farm Machinery)	231		131
Total	438		573
Grand Total	10862	3633.27	573



Foundation Stone Laying of KVK/Farm Science Centre at Barasin, Sultanpur II:

KVK Barasin, Sultanpur II was the twenty second KVK of Acharya Narendra Dev Agricultural and Technological University, Kumarganj Ayodhya. The foundation stone and Bhoomi Poojan programme was conducted on 03rd October, 2020, by Sri Surya Pratap Sahi Ji, Hon'ble Cabinet Minister of Agriculture, Agricultural Education and Agriculture Research, Government of Uttar Pradesh in gracious presence of Smt. Maneka Sanjay Gandhi Ji, Honorable Member of Parliament of District Sultanpur.



Agricultural University got 25th Farm Science Center at Agamgarh:

The Government of Uttar Pradesh, agreed in the cabinet meeting to provide 8.46 hectares of land to establish another KVK at Gram Sabha Ladaura in the district Azamgarh, which will soon be operational.

MoU Signed with Madan Mohan Malaviya University of Technology, Gorakhpur:

Acharya Narendra Dev University of Agricultural and Technology, Kumarganj, Ayodhya and Madan Mohan Malviya University of Technology, Gorakhpur have signed a two-party agreement to work together

in the eastern Uttar Pradesh in the field of expansion and spread of smart farming technology.

Combating Covid 19:

- Scientists' of KVKs' imparted employment generation training under Garib Kalyan Rozgar Abhiyan programme with the financial support of Govt. of India from July to October, 2020. During this period 2043 courses were organized and trained 8505 migrant laborers by 14 KVKs of Eastern UP.

World Soil Day Celebrated:

On the occasion of World Soil Day, a seminar on Soil Biodiversity Management for Agriculture was organized on 5 December 2020 at university level and all the KVKs of this university on the occasion farmers and farm women have been sensitized to apply judicious use of agrochemicals in order to improve soil health. Soil health card was also distributed to the beneficiary farmers.



Farmers Fair and Agricultural Exhibition:

A three-day farmers' fair and agricultural exhibition was organized in the university campus during 20 – 23 December 2020, in collaboration with the State Agriculture Department, Government of Uttar Pradesh.



BOARD OF MANAGEMENT

No.	Name	Address
1.	Dr. Bijendra Singh Vice-Chancellor, Chairman	A.N.D.U.A.T., Kumarganj, Ayodhya
2.	Members Principal Secretary Agric. Education & Research	Govt. of U.P., Secretariat, Lucknow
3.	Principal Secretary Higher Education	Govt. of U.P., Secretariat, Lucknow
4.	Principal 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	Directorate of Agriculture, Agriculture (U.P.) Krishi Bhawan, Lucknow
7.	Dr. A.D. Pathak ICAR Nominee	Indian Institute of Sugarcane Research, Raibareli Road, Dilkusha, Lucknow
8.	Dr. Uma Shanker Singh Director	Agriculture Scientist South Asia Regional Coordinator & India Country Head Inter. Potato Research Center, South Asia Center, NASC Complex, DPS, Pusa Marg, New Delhi-110012
9.	Sri Ram Sunder Chaudhary Progressive Farmer	Police Line Road, Gali No. 1, Indira Colony, Behraich-271801
10.	Sri Vijay Bahadur Dubey Livestock Breeder	Ward No.-3, Nehru Nagar, New Colony, Distt.- Deoria 274001
11.	Sri Ganga Sagar Rai Distinguished Industrialist	Betiahata, Distt- Gorakhpur- 273001
12.	Smt. Munni Sharma Ladies Social Worker	Vill. Bisunpura, P.O. Baliywan, Distt. Deoria 274405
13.	Sri Neeraj Srivastava, Comptroller	A.N.D.U.A.T., Kumarganj, Ayodhya



LIST OF ACADEMIC COUNCIL MEMBERS

No.	Name	Designation	Bg`lql `m L dl adq
2	Dr. Bijendra Singh	Vice-Chancellor	Chairman
2	Dr. V.N. Rai	Dean, College of Agriculture	Member
3	Dr. O.P. Rao	Dean, College of Hort. & Forestry	Member
4	Dr. A. P. Rao	Director Extension	Member
5	Dr. R. K. Joshi	Dean, College of Vety. Science /DAM	Member
6	Dr. D. Niyogi	Prof. Vety. Pathology/DSW	Member
7	Dr. Rajat Kr. Mehta	Dean, MCAET, Ambedkar Nagar	Member
7	Dr. Namita Joshi	Dean, College of Comm. Science Prof. & Head, VPE	Member
9	Dr. P.S. Parmanik	Prof. & Head, LPM/ Dean, Fisheries	Member
10	Dr. M. P Chauhan	Prof., G. P. B.	Member
11	Dr. D. K. Dwivedi	HOD Biotech	Member
12	Dr. RudraPratap Singh	Prof., Bio-Chemistry	Member
13	Dr. VedPrakash	Prof.& Head, Soil Science	Member
14	Dr. R. R.Singh,	Prof. Directorate of Extension	Member
15	Dr. R. K. Doharey	Prof. Ext. Education	Member
16	Dr. Pratibha Singh	Prof.& Head, Bio-Chemistry	Member
17	Dr. D.K. Singh	Assoc. Dean, College of Azamgarh	Member
18	Dr. Susheel Kumar	Head, Plant Pathology	Member
19	Dr. A. K. Singh	Head, Crop Physiology	Member
20	Dr. Anil Kumar Singh	Head, Agronomy	Member
21	Dr. Sita Ram Mishra	Head, Agro-Meteorology	Member
22	Dr. V. K. Singh	Prof., Vet. & A.H.	Member
23	Dr. Anil Kumar Gangwar	Prof. & Head, Vety. Surgery	Member
24	Dr. ShushantSrivastava	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
28	Dr. R. K. Singh	Head, Vety. Extension	Member
29	Dr. SonuJaiswal	Head, Vety. Clinical Complex	Member
30	Dr. Amit Singh	Head, Parasitology	Member
31	Dr. Sanjay Pathak	Prof. & Head, PHT	Member
32	Dr. BhagwanDeen	Prof.& Head, Post Harvest	Member
33	Dr. D. Ram	Prof. & Head, Medicinal Plants	Member
34	Dr. Ashok Kumar	HOD, Floriculture & Land Scpae	Member
35	Dr. G.C. Yadav	Head, Vegetable Science	Member
36	Dr. Suman Prasad Maurya	Head, Human Dev. & Family Studies	Member
37	Dr. Abha Singh	Head, Family Res. Manag& Consumer Sc.	Member
38	Dr. Sadhana Singh	Head, Food Science and Nutrition	Member
39	Dr. Harish Chandra Singh	Prof., Agricultural Engg.	Member
40	Er. Mahindra Rai	Head, SWCE	Member
41	Dr. S.C. Vimal	BOFA, Secretary	Member
42	Dr.C.N.Ram	BOFH	Member
43	Dr. P.K. Singh	Prof. & Head, GPB/ Registrar	Member/ Secretary



CONVOICATIONS HELD AT THE UNIVERSITY

Sl. No.	Date & Year	Chancellor	Chief Guest	Vice-Chancellor
1 st	5 th March, 1983	-	Sri Shree Pati Mishra, Chief Minister, Govt. of Uttar Pradesh, Lucknow	Sri Ghulam Hussain IAS
2 nd	25 th March, 1984	-	Sri Bramha Dutt, Finance, Minister, Govt. of Uttar Pradesh, Lucknow	Sri Ghulam Hussain IAS
3 rd	10 th May, 1986	-	Sri Vee Bahadur Singh, Chief Minister, Govt. of Uttar Pradesh, Lucknow	Dr. Kirti Singh
4 th	17 th May, 1987	-	Dr. Manmohan Singh, Dy Chariman, Planning Commission, Govt. of India	Dr. Kirti Singh
5 th	12 th March, 1988	-	Dr. N.S. Randhawa, Secretary DARE & Director General, ICAR, New Delhi	Dr. Kirti Singh
6 th	2 nd April, 1990	Hon'ble Sri Satya Narain Reddy, Governor of Uttar Pradesh, Lucknow	Hon'ble Sri Satya Narain Reddy, Governor of Uttar Pradesh, Lucknow	Dr. U.C. Upadhyay
7 th	19 th March, 1997	Hon'ble Sri Romesh Bhandari, Governor of Uttar Pradesh, Lucknow	Hon'ble Sri Romesh Bhandari, Governor of Uttar Pradesh, Lucknow	Dr. B.R. Tripathi
8 th	29 th March, 1999	Hon'ble Sri Suraj Bhan, Governor of Uttar Pradesh, Lucknow	Sri Some Pal, State Minister of Agriculture, Govt. of India	Dr. B.R. Tripathi
9 th	8 th March, 2003	Hon'ble Sri Vishnu Kant Shastri, Governor of Uttar Pradesh, Lucknow	Dr. Mangala Rai, Secretary DARE & Director General, ICAR, New Delhi	Dr. B.B. Singh
10 th	3 rd April, 2006	Hon'ble Sri T.V. Rajeshwar, Governor of Uttar Pradesh, Lucknow	Dr. Panjab Singh, Vice-Chancellor, Banaras Hindu University, Varanasi	Dr. S.M. Ilyas
11 th	2 nd Feb., 2007	Hon'ble Sri T.V. Rajeshwar, Governor of Uttar Pradesh, Lucknow	Dr. M.S. Swaminathan, Chairman, M.S. Foundation	Dr. S.M. Ilyas



12 th	3 rd March, 2011	Hon'ble Sri B.L. Joshi Governor of Uttar Pradesh, Lucknow	Sri B.K. Chaturvedi, Member, Planning Commission, Govt. of India	Dr. R.S. Kureel
13 th	15 th Dec., 2011	Hon'ble Sri B.L. Joshi Governor of Uttar Pradesh, Lucknow	Dr. R. S. Saraswat, Vice-Chancellor, Dr. R. M. L. Awadh University, Faizabad	Dr. R.S. Kureel
14 th	10 th Oct., 2012	Hon'ble Sri B.L. Joshi Governor of Uttar Pradesh, Lucknow	Lt. Gen. (Dr.) Natayan Mohanty, President, Veterinary Council of India	Dr. R.S. Kureel
15 th	12 th Aug., 2013	Hon'ble Sri B.L. Joshi Governor of Uttar Pradesh, Lucknow	Prof. Narendra Jadhav, Member, Planning Commission, New Delhi	Dr. R.S. Kureel
16 th	20 th Feb., 2015	Hon'ble Sri Ram Naik Governor of Uttar Pradesh, Lucknow	Dr. Paramvir Singh Ahuja Ex. Director General, CSIR, New Delhi	Dr. Akhtar Haseeb
17 th	4 th March, 2016	Hon'ble Sri Ram Naik Governor of Uttar Pradesh, Lucknow	Dr R. B. Singh, Chancellor, Central Agriculture University, Imphal	Dr. Akhtar Haseeb
18 th	4 th March, 2017	Hon'ble Sri Ram Naik Governor of Uttar Pradesh, Lucknow	Dr.S. Ayyappan, Former Secretary, DARE and Director General, ICAR,	Dr. Akhtar Haseeb
19 th	8 th October, 2017	Hon'ble Sri Ram Naik Governor of Uttar Pradesh, Lucknow	Dr Trilochan Mahapatra, Secretary, DARE and Director General, ICAR, New Delhi	Dr. Akhtar Haseeb
20 th	6 th September, 2018	Hon'ble Sri Ram Naik Governor of Uttar Pradesh, Lucknow	Dr. Punjab Singh, Ex DG ICAR & President NAAS	Dr. J. S. Sandhu
21 st	04 th September, 2019	Hon'ble Smt. Anandi Ben Patel Governor of Uttar Pradesh, Lucknow	Dr Laxman Singh Rathore Former Director General Indian Meteorology Department, Govt Of India, New Delhi	Prof. J. S. Sandhu



AWARD OF DEGREES UP TO 22ND CONVOCATION

Academic Session of Passing	B.Sc.	B.Sc.	B.V.Sc.	B.Sc.		B. Tech.	M.Sc.	M.V.S	M.Sc.	M.Sc.	M.Tech.	Ph.D.	No. & Date of Convocation	
	(Ag.)	(H.Sc.)	& A.H.	(Hort)	B.F.Sc.	(Ag.Engg. + CS+ME)	(Ag.)	c.	(H.Sc.)	(Hort. + Veg.Sc. + Forestry)				
1981-82	20	-	-	-	-	-	-	-	-	-	-	-	1 st	05.03.83
1982-83	21	-	-	-	-	-	-	-	-	-	-	-		
1983-84	34	-	-	-	-	-	27	-	-	-	-	-	2 nd	25.03.84
1984-85	37	-	-	-	-	-	31	-	-	-	-	-		
1985-86	36	-	-	-	-	-	39	-	-	-	-	-	3 rd	10.05.86
1986-87	37	-	-	-	-	-	34	-	-	-	-	-		
1987-88	38	-	-	-	-	-	44	-	-	-	-	3	4 th	17.05.87
1988-89	49	-	-	-	-	-	53	-	-	-	-	5		
1989-90	44	5	-	-	-	-	37	-	-	-	-	0	6 th	02.04.90
1990-91	-	13	-	-	-	-	32	-	-	-	-	26		
1991-92	50	21	-	-	-	-	40	-	-	-	-	9	7 th	19.03.97
1992-93	53	18	-	-	-	-	22	-	-	-	-	11		
1993-94	44	16	-	-	-	-	28	-	-	-	-	11		
1994-95	46	15	-	-	-	-	38	-	-	-	-	31		
1995-96	23	13	-	-	-	-	45	-	-	-	-	2		
1996-97	36	21	-	-	-	-	-	-	-	-	-	16		
1997-98	62	33	-	-	-	-	88	-	-	-	-	31		
1998-99	44	14	-	-	-	-	6	-	-	-	-	7	8 th	26.03.99
1999-2000	34	19	-	-	-	-	38	-	-	-	-	17		
2000-01	59	27	-	-	-	-	62	-	-	-	-	21	9 th	08.03.03
2001-02	54	27	-	-	-	-	57	-	2	-	-	14		
2002-03	-	-	-	-	-	-	74	-	3	-	-	16		
2002-03	44	4	-	-	-	-	8	-	-	-	-	5	10 th	03.04.06
2003-04	29	1	21	-	-	-	45	-	4	-	-	16		
2004-05	39	25	42	-	-	-	64	-	2	-	-	18		
2005-06	11	1	-	-	-	-	69	-	3	-	-	21	11 th	02.02.07
2005-06	53	22	38	-	-	-	104	8	3	-	-	14		
2006-07	56	31	27	-	-	20	104	9	-	-	-	-	12 th	03.03.11
2007-08	59	34	20	-	-	26	55	3	3	-	-	34		
2008-09	61	33	43	-	-	17	60	4	0	-	-	29		
2009-10	59	25	9	11	11	40	82	4	2	-	-	21		
2010-11	-	-	-	-	-	-	6	-	3	1	-	18	13 th	15.12.11
2011-12	59	29		17	16	38	90	-	-	37	-	17	14 th	10.10.12
2012-13	71	27	33	16	14	124	128	3	3	45	-	18	15 th	12.08.13
2013-14	88	43	37	22	26	153	172	23	2		3	51	16 th	20.02.15
2014-15	120	58	56	61	35	114	180	18	2			32	17 th	04.03.16
2015-16	127	45	60	54	29	126	179	22	10	-	-	45	18 th	04.03.17
2016-17	122	50	38	50	35	125	157	4	11	-	-	15	19 th	08.10.17
2017-18	111	43	22	52	33	133	135	13	1			45	20 th	06.09.18
2018-19	165	39	44	55	33	101	136	15	2	-	-	42	21 st	04.09.19
2019-20	171	30	33	41	14	114	107	11	1	20	-	38	22 nd	12.03.21
Total	2266	782	523	379	246	1131	2676	137	57	103	3	736		



LIST OF GOLD MEDALISTS 22ND CONVOCATION, 12TH MARCH, 2021

कुलाधिपति स्वर्ण पदक: पी-एच०डी०/ स्नातकोत्तर/ स्नातक

क्र.	पदक प्राप्तकर्ता का नाम	आई.डी.नं.	प्रवेश वर्ष	उपाधि का नाम
1	प्रीति कुमारी	ए-5226/10/14/16	2016-17	पी-एच.डी.
2	श्वेता गुप्ता	ए-10492/18	2018-19	एम.एस-सी.(कृषि)
3	दिव्या सिंह	ए-9131/16	2016-17	बी.एस-सी.(कृषि) आनर्स
4	कु. सीमा चौरसिया	वी-9067/15	2015-16	बी.वी.एससी. एण्ड ए.एच.
5	आर्या सिंह	एफ-9330/16	2016-17	बी.एफ.एससी. (आनर्स)
6	शिप्रा त्रिपाठी	एच-9377/16	2016-17	बी.एस-सी.(आनर्स) सामुदायिक विज्ञान

कुलपति स्वर्ण पदक: पी-एच०डी०/ स्नातकोत्तर/ स्नातक

क्र.	पदक प्राप्तकर्ता का नाम	आई.डी.नं.	प्रवेश वर्ष	उपाधि का नाम
1	कन्हैया लाल	ए-9603/16	2016-17	पी-एच.डी.
2	श्वेता गुप्ता	ए-10492/18	2018-19	एम.एस-सी.(कृषि)
3	श्वेता श्रीवास्तव	एच-10589/18	2018-19	एम.एस-सी.(हार्टी.)
4	परवेज अहमद	वी-10593/18	2018-19	एम.वी.एससी.
5	दिव्या सिंह	ए-9131/16	2016-17	बी.एस-सी.(कृषि) आनर्स
6	आतिश यादव	ए-9241/16	2016-17	बी.एस-सी.(कृषि) आनर्स
7	अनुका यादव	वी-9033/15	2015-16	बी.वी.एससी. एण्ड ए.एच.
8	दीक्षा संघ मित्रा	एच.एफ-9299/16	2016-17	बी.एससी. उद्यान) आनर्स
9	देवर्षि रंजन	एफ-9332/16	2016-17	बी.एफ.एससी.(आनर्स)
10	अभिषेक पाण्डेय	ई.-9391/16	2016-17	बी.टेक.(कृषि अभियंत्रण)
11	दीक्षा श्रीवास्तव	एच-9356/16	2016-17	बी.एस-सी.(आनर्स) सामुदायिक विज्ञान

विश्वविद्यालय स्वर्ण पदक: पी-एच०डी०/ स्नातकोत्तर/ स्नातक

क्र.	पदक प्राप्तकर्ता का नाम	आई.डी.नं.	प्रवेश वर्ष	उपाधि का नाम
1	गौरव सिंह	एच.एफ.-14/16	2016-17	पी-एच.डी.
2	महेश जायसवाल	ए-9149/16	2016-17	बी.एस-सी.(कृषि) आनर्स
3	आदित्य कुमार जैसल	ए-9228/16	2016-17	बी.एस-सी.(कृषि) आनर्स
4	तरून नर सिंह	वी-9028/15	2015-16	बी.वी.एससी. एण्ड ए.एच.
5	नीतू सरोज	एच.एफ-9312/16	2016-17	बी.एससी.(उद्यान) आनर्स
6	विकास कुमार	एफ-9345/16	2016-17	बी.एफ.एससी. (आनर्स)
7	मनीष सक्सेना	ई.-9474/16	2016-17	बी.टेक.(कम्प्यूटर साइंस इजि.)
8	अपर्णा सिंह	एच.-9353/16	2016-17	बी.एस-सी.(आनर्स) सामुदायिक विज्ञान



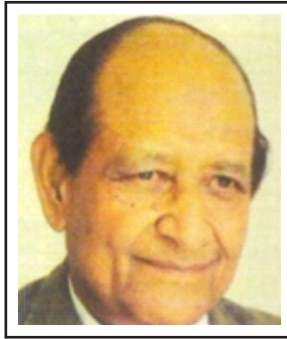
PHOTOGRAPHS OF VICE-CHANCELLORS



SRI AMBIKA DUTTA PANDEY, IAS
10.10.1975 - 09.10.1977



DR. ATAR SINGH YADAVA
25.10.1977 - 25.10.1980



SRI GHULAM HUSAIN, IAS
01.05.1981 - 01.08.1984



DR. KIRTI SINGH
02.08.1984 - 01.02.1989



DR. UTTAM CHAND UPADHYAYA
06.05.1989 - 05.05.1992



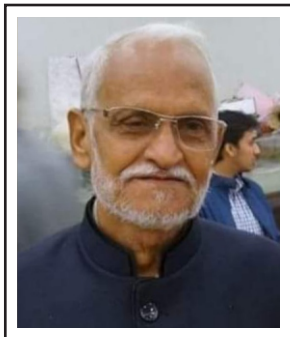
DR. SHANTI SWAROOP KHANNA
15.12.1992 - 08.02.1996



DR. BANS RAJ TRIPATHI
19.04.1996 - 19.04.1999



DR. RAKESH YAMDAGNI
20.04.1999 - 19.04.2002



DR. BRAJ BHUSHAN SINGH
20.04.2004 - 18.07.2005



DR. S.M. ILLYAS
26.10.2005 - 07.03.2007



DR. BASANT RAM
23.08.2007 - 08.04.2010



DR. R.S. KUREEL
20.10.2010 - 20.08.2013



DR. AKHTAR HASEEB
21.10.2014 - 19.02.2018



PROF. J.S. SANDHU
20.02.2018 - 26.09.2019



DR. BIJENDRA SINGH
27.09.2019 - TILL DATE



21ST CONVOCATION AT A GLANCE



GUARD OF HONOR TO HON'BLE CHANCELLOR



PRESENTATION OF MOMENTO TO HON'BLE CHANCELLOR



LIGHTNING OF LAMP BY HON'BLE CHANCELLOR



RELEASE OF SOUVENIR BY HON'BLE CHANCELLOR



GOLD MEDAL BEING RECEIVED BY STUDENT



GOLD MEDALISTS

SOCIAL INITIATIVES



DISTRIBUTION OF NUTRITIOUS FOOD TO IMPROVE THE HEALTH OF TUBERCULOSIS PATIENTS



FARMER AWARENESS PROGRAMME



MASTITIS AWARENESS CAMPAIGN



RABIES AWARENESS CAMPAIGN



ANTIBIOTIC RESISTANCE AWARENESS CAMPAIGN



COVID INITIATIVES



COVID TESTING CAMP



FUMIGATION DRIVE



FUNCTIONING OF COVID HELP DESK



HAND WASH DAY CELEBRATION

IMPORTANT DAYS CELEBRATIONS



FOUNDATION DAY CELEBRATION



ACHARYA NARENDRA DEV JAYANTI



GOOD GOVERNANCE DAY



KISAN SAMMAN DIWAS



PARAKRAM DIWAS



AGRICULTURE EDUCATION DAY



DISTINGUISHED VISITORS



HON'BLE MINISTER OF AGRICULTURE AND AGRICULTURE EDUCATION SHRI SURYA PRATAP SAHI JI



VISIT BY PEER REVIEW TEAM MEMBERS OF NAEB OF ICAR



VISIT OF TEAM FROM NABARD



VISIT OF DR DEVESH CHATURVEDI, CHIEF SECRETARY, U.P. GOVT.

AICRPDA EXPERIMENTS



AICRPDA CROPPING SYSTEM EXPERIMENT



AICRPDA EXPERIMENTS VISITED BY FOREIGN STUDENTS



AICRPDA EXPERIMENTS VISITED BY PROGRESSIVE FARMERS OF EASTERN UP – BY AGRICULTURE DEPARTMENT OF U. P. GOVERNMENT



RAINWATER HARVESTING UNDER DRY LAND PROJECT





आचार्य नरेन्द्र देव कृषि एवं प्रौद्योगिक विश्वविद्यालय

कुमारगंज, अयोध्या-224229 (उ०प्र०) भारत

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