



Annual Progress Report

July 2016-March 2018



**Banda University of
Agriculture & Technology**

Banda-210001 (U.P.)

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ANNUAL PROGRESS REPORT

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Photographs : Front Cover

Plantation of sapling by Dr. S.L. Goswami, Vice Chancellor, BUAT, Banda; Shri Bhairo Prasad Mishra, MP, Banda delivering lecture in Sankalp se Sidhhi Programme; Monitoring of AICRP trial on brinjal by Dr. S.L. Goswami, Vice Chancellor, Monitoring of AICRP trial on Chickpea by Dr. S.L. Goswami, Vice Chancellor and Dr. N.K. Bajpai, Director Extension, His Excellency Shri Ram Naik ji conferring the degree during third convocation; Visit of Shri Bhairo Prasad Mishra, MP to Farm Pond in university campus.

Back Cover

Dr. S.L. Goswami, Vice Chancellor address the students during Foundation Week; Monitoring of AICRP trial on pigeonpea by Dr. S.L. Goswami, Vice Chancellor and Dr. N.K. Bajpai, Director Extension; Dr. S.L. Goswami and Dr. N.K. Bajpai during the training programme of input dealers; Dr. S.L. Goswami, Vice Chancellor awarding the certificate to participant of short course training programme; Dr. S.V. Dwivedi, Dean, College of Horticulture with students during plantation drive; Dr. B.K. Singh with the students during practical session.

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FOREWORD



Prof. (Dr.) S.L. Goswami
Vice Chancellor

Agriculture sector, besides ensuring nation's food and nutritional security is undoubtedly the largest livelihood provider in India. Since independence, agriculture has passed through several phases i.e., from focus on *growing more food* to feed the nation and attain self sufficiency in food grain production through successful launch of Green Revolution during mid seventies to the current level of *second largest food producer* in the world. Higher production in not only cereal crops but also in horticulture crops, pulses, oilseed crops, flowers, milk, meat, poultry and fish production has been achieved following Yellow, White, Pink and Blue Revolution respectively.

Current and emerging demand for quality food can only be met by agriculture through skillful application of scientific technologies. To this end Agricultural Universities and Scientific Institutions are striving hard to meet the demand of technically trained human resource, develop need based, location specific technologies and their effective dissemination in the field. With this objective, Banda University of Agriculture and Technology (BUAT), Banda was established on 2nd March, 2010 to emerge as a 'Center of Excellence in Dry land Agriculture' to meet the specific demand, and develop agriculture in Uttar Pradesh in general and Bundelkhand in particular. University has made significant achievements in academics during this short duration and is poised to initiate meaningful research for technology development, with the joining of competent and young faculty in its colleges of Agriculture, Horticulture and Forestry. Several project proposals have been submitted to various funding agencies for support. Similarly through its Directorate of Extension and network of Krishi Vigyan Kendras (KVKs) in all the districts of Bundelkhand, University is all set to reach farmers with scientific knowhow to promote agriculture.

It gives me immense pleasure to present the Annual Report 2016-18. The present report details about the developments and achievements of the University during academic year 2016-17 and 2017-18. I express my gratitude to Hon'ble members of the Board of Management and Academic Council for their untiring guidance, support and cooperation. I also complement Prof. (Dr.) N. K. Bajpai and his team for compilation of Annual Progress Report.

University is committed to the development of Agriculture and allied sectors in Bundelkhand and prosperity of 'farmers', our only stakeholders.

PREFACE



Prof. (Dr.) N.K. Bajpai
Director Extension

The Annual Progress Report gives a comprehensive account of the development and achievements of BUAT, Banda during the academic periods 2016-17 and 2017-18. Since inception of the university, few faculty members were engaged in academic activities. During the period under report the Colleges of Agriculture, Horticulture and Forestry have been strengthened by recruiting the faculty members. Now, a total of 75 faculty members are involved in various academic activities. Besides this, the vacant scientific and non-teaching staff of KVKs has also been filled. Second and Third convocation of the University was organized on 17th December, 2016 and 23rd November, 2017, respectively. Peer Review Teams (PRT) under the chairmanship of Dr. D. P. Singh, Ex-Vice Chancellor, JNKVV, Jabalpur and under the chairmanship of Dr. S. L. Mehta, Ex-Vice Chancellor, MPUAT, Udaipur visited the university campus to assess the performance of the university. Other distinguished dignitaries also visited the campus on different occasions. The financial support received from ICAR in the form of Development Grant proved beneficial in strengthening the academic activities of the university.

The students of BUAT excelled in the field of academics and other co-curricular activities outside the university. Foundation week, sports and cultural week, plantation drive, blood donation camp, NCC and NSS camps and other activities were organized by the university in which students participated with zeal. Various physical facilities *e.g.*, hostel, water and electricity, RO plant, cafeteria, medical facilities, agriculture and horticulture farm development, farm ponds have been developed and strengthened during the period under report. Library facilities were improved and efforts were also made to develop it as digital library.

The four research farm cum seed production centres and six KVKs (Banda, Mahoba, Jhansi, Jalaun, Hamirpur and Lalitpur) have been transferred to BUAT, Banda from CSAUAT, Kanpur. The establishment of 04 seed hubs to provide the quality seed of pulses crops is also under progress. The university signed MoUs with different institutions to make research effective.

The compilation of Annual Progress Report would not have been possible without unending support of Hon'ble Vice Chancellor. I thank committee members who compiled the achievements and made it presentable. I also thank Mr. Sarad Chandra for typesetting and designing of this report.

EXECUTIVE SUMMARY

Banda University of Agriculture & Technology, Banda was established on 2nd March, 2010. A lot of challenges have been faced during the journey of about eight years since its establishment but we have never looked back and marched forward to reach the milestones.

- During the period under report, the Colleges of Agriculture, Horticulture and Forestry have been strengthened by recruiting the faculty members and non-teaching staff. The development of different laboratories in all the three colleges is under progress. The physical facilities have also been enhanced viz., establishment of RO plant for drinking water facility, establishment of seed hubs for the supply of quality seeds especially of pulses, establishment and development of Agriculture and Horticulture farms, excavation of farm ponds, development of Livestock Unit for nomadic animals to improve the indigenous cattle breeds, hostel facility, library, wi-fi in the departments, etc. during the period under report.
- The 2012 and 2013 batches of Colleges of Agriculture and Horticulture passed out in 2016 and 2017, respectively, in pursuit of their academic goals. Second and Third convocation was organized on 17th December, 2016 and 23rd November, 2017, respectively. Hon'ble Governor of Uttar Pradesh Shri Ram Naik ji conferred the degrees to 78 graduates of B. Sc. (Hons.) Agriculture and B. Sc. (Hons.) Horticulture during second convocation and 87 graduates of B. Sc. (Hons.) Agriculture and B. Sc. (Hons.) Horticulture during third convocation.
- A Peer Review Team (PRT) under the chairmanship of Dr. D. P. Singh, Ex-Vice Chancellor, JNKVV, Jabalpur visited the university campus during 29th-31st August, 2016 for verification of Self Study Reports. Another PRT under the chairmanship of Dr. S. L. Mehta, Ex-Vice Chancellor, MPUAT, Udaipur visited the university on 3rd November, 2016 to assess the impact of development grant of ICAR.
- Other distinguished dignitaries viz., Dr. N.S. Rathore (DDG, Education), Dr. A.K. Singh (DDG, Extension) and Dr. Arvind Kumar (Vice Chancellor, Rani Laxmi Bai University of Agriculture & Technology, Jhansi) were also visited the campus on different occasions.
- The university has excelled in many fields of academics during the period under report. Seven students of Colleges of Agriculture and Horticulture were awarded Vice Chancellor's Medal during second convocation; however, six students received the same during third convocation.
- Special extra classes were scheduled for counseling the students, preparation of JRF exams and personality development. The practical manuals of different courses have been prepared which proved to be helpful for the students.
- The financial support received from ICAR in the form of Development Grant proved very beneficial in strengthening the academic activities of the university.
- In addition to academics, the students of BUAT also excelled in co-curricular activities in the university by participating in different sport and cultural activities during Foundation Week as well as outside the university and achieved remarkable position.

- To ensure all round development of students, the facilities related to co-curricular activities have also been strengthened through the guidance and amenities.
- To make the campus green and clean, special plantation drive and cleanliness drive have been executed with the help of students, faculty and non teaching staff members of the university.
- Blood donation camps were also organized with help of district officials to serve the mankind. The cadets of NCC and swayamsevak of NSS participated in a number of activities inside and outside the university.
- The students from distinct colleges and farmers of nearby districts and neighbouring states and other stakeholders have also visited the university campus to seek better options in their profession.
- The six KVKs and four research-cum-seed production farms have been transferred to BUAT, Banda from CSAUA&T, Kanpur. The development related to infrastructure and other activities is under the way to upgrade those centres to a maximum standard.
- The required personnel of KVKs have been recruited for smooth functioning of KVKs in the jurisdiction of BUAT.
- A number of activities were organized for the farmers and other stakeholders by Directorate of Extension in collaboration with State Agriculture Department. The extension activities viz., FLD, field day, Kisan Gosthis, celebration of important days were organized to create awareness among students, farmers and others.
- Faculty members of the university also participated in various trainings/seminars/conferences in their respective area of specialization.
- Various publications have also been published by the faculty members in journals and magazines of national and international repute. The faculties were also awarded on different fora for their research/teaching work.
- AICRP trials on different aspects viz., breeding, crop protection etc. in different crops have been conducted in search of suitable technology for the farming community of the Bundelkhand region. The university also signed Memorandum of Understandings (MoUs) with different centres of expertise in respective fields for the mutual benefit.
- Research Council and Board of Studies have been made effective to carry out various academic activities. Anti-sexual Harassment Cell has also been made effective to prevent the abuse in working place.
- The College of Forestry started its operation in the new building during the period under report. The College of Home Science is now ready to start the academic programme. The College of Veterinary Science is also on the same line. However, the College of Agriculture Engineering is yet to be completed. Type IV residence for the faculty members have been completed now and Type III is under progress. A new hostel has also been completed and the allotment to students will be done in the coming academic session 2018-19.

कार्यकारी सारांश

बाँदा कृषि एवं प्रौद्योगिक विश्वविद्यालय, बाँदा की स्थापना 2 मार्च, 2010 को हुयी थी। स्थापना के समय से गत आठ वर्षों में विश्वविद्यालय ने अनेक चुनौतियों का सामना किया परन्तु इस संस्था को मील का पत्थर सिद्ध करने हेतु सतत् आगे बढ़ते रहे।

- इस आख्या अवधि के अन्तर्गत कृषि, उद्यान एवं वानिकी महाविद्यालयों में शैक्षणिक एवं गैर शैक्षणिक कर्मचारियों का चयन किया गया। उपर्युक्त तीनों महाविद्यालयों के अन्तर्गत विभिन्न प्रयोगशालाओं के विकास का कार्य प्रारम्भ हो चुका है। विश्वविद्यालय की भौतिक सुविधाओं को दृढता प्रदान की गयी है। उदाहरणतया पीने योग्य पानी हेतु आर0ओ0 प्लांट की स्थापना, विशेषतया दलहनी फसलों के बीजों की आपूर्ति हेतु सीड हब की स्थापना, कृषि एवं उद्यान प्रक्षेत्रों का विकास, खेत तालाब परियोजनान्तर्गत तालाबों की खुदाई एवं विकास, देशी नस्ल के गोवंशीय पशुओं में नस्ल उन्नयन हेतु आवारा पशुओं का एकत्रीकरण कर पशुपालन इकाई का विकास, छात्रावास निर्माण, पुस्तकालय एवं विभागों में उच्चकृत सुविधाओं का विकास आदि मुख्य है।
- कृषि एवं उद्यान महाविद्यालय के 2012 एवं 2013 बैच के छात्र एवं छात्रायें क्रमशः 2016 एवं 2017 में परीक्षायें उत्तीर्ण कर शैक्षिक लक्ष्यों की पूर्ति हेतु आगे बढ़े। विश्वविद्यालय के द्वितीय एवं तृतीय दीक्षांत समारोह का आयोजन क्रमशः 17 दिसम्बर, 2016 एवं 23 नवम्बर, 2017 में किया गया। उत्तर प्रदेश के राज्यपाल माननीय श्री रामनाईक जी ने द्वितीय दीक्षांत समारोह में बी0एस0सी0 (आनर्स) कृषि एवं बी0एस0सी0 (आनर्स) उद्यान के 78 स्नातकों को उपाधि प्रदान की तथा तृतीय दीक्षांत समारोह में कृषि एवं उद्यान महाविद्यालय के 87 स्नातकों को उपाधि प्रदान किया।
- जवाहर लाल नेहरू कृषि विश्वविद्यालय के पूर्व कुलपति डॉ0 डी0पी0 सिंह की अध्यक्षता में पी.आर. टी. के सम्मानित सदस्यों ने 29-31 अगस्त, 2016 को सेल्फ स्टडी रिपोर्ट्स के सत्यापन हेतु विश्वविद्यालय परिसर का भ्रमण किया। महाराणा प्रताप कृषि एवं प्रौद्योगिक विश्वविद्यालय, उदयपुर के पूर्व कुलपति डॉ0 एस0 एल0 मेहता की अध्यक्षता में एक अन्य पी.आर.टी. ने भारतीय कृषि अनुसंधान परिषद्, नई दिल्ली द्वारा प्रदत्त अनुदान के प्रभावों का अध्ययन हेतु विश्वविद्यालय परिसर का 3 नवम्बर, 2016 में भ्रमण किया।
- अन्य विशिष्ट गणमान्यजनों उदाहरणतया, डॉ0 एन0 एस0 राठौर (उप महानिदेशक, शिक्षा), डॉ0 ए0 के0 सिंह (उप महानिदेशक, प्रसार) एवं डॉ0 अरविन्द कुमार (कुलपति, रानी लक्ष्मीबाई कृषि एवं प्रौद्योगिकी विश्वविद्यालय, झांसी ने भी विभिन्न अवसरों पर विश्वविद्यालय का भ्रमण किया।
- इस कालावधि में विश्वविद्यालय ने शैक्षणिक क्षेत्र में अनेक उपलब्धियां हासिल की। विश्वविद्यालय के द्वितीय दीक्षांत समारोह के अन्तर्गत कुल सात छात्रों को कुलपति पदक से सम्मानित किया गया जबकि छः छात्रों को तृतीय दीक्षांत समारोह में कुलपति पदक से सम्मानित किया गया।
- कनिष्ठ शोध छात्रवृत्ति (जे0आर0एफ0) एवं व्यक्तित्व विकास हेतु विशेष रूप से अतिरिक्त कक्षाओं का आयोजन किया गया। विभिन्न विषयों के प्रयोगात्मक मैनुअल्स तैयार किये गये जो कि छात्रों के लिये लाभकारी साबित हुये।
- भारतीय कृषि अनुसंधान परिषद्, नई दिल्ली के द्वारा प्रदत्त वित्तीय अनुदान से विश्वविद्यालय की शैक्षिक गतिविधियों में सकारात्मक सुधार प्राप्त हुआ।
- शैक्षिक गुणवत्ता के अतिरिक्त, विश्वविद्यालय के छात्रों ने सह पाठ्यक्रम गतिविधियों में भी विश्वविद्यालय के अन्दर स्थापना सप्ताह के अन्तर्गत आयोजित खेल-कूद एवं सांस्कृतिक गतिविधियों में प्रतिभाग किया एवं विश्वविद्यालय के बाहर भी विभिन्न संस्थाओं की स्पर्धाओं में प्रतिभाग कर विशिष्ट स्थान प्राप्त किया।

- निर्देशन एवं संसाधनों के माध्यम से सह पाठ्यक्रम गतिविधियों को और अधिक दृढ़ता प्रदान की गयी जिससे छात्र एवं छात्राओं का चहुँमुखी विकास हो सके।
- परिसर को निर्मल एवं हरित बनाने हेतु, विशेष वृक्षारोपण अभियान एवं स्वच्छता अभियान आयोजित किया गया जिसमें छात्रों के अतिरिक्त शैक्षणिक एवं गैर शैक्षणिक कर्मचारियों ने प्रतिभाग किया।
- मानवता की सेवा हेतु जनपद स्तरीय अधिकारियों की सहायता से रक्तदान शिविर का भी आयोजन किया गया। विश्वविद्यालय परिसर में एवं परिसर के बाहर एन.सी.सी. के कैडेट्स एवं एन.एस.एस. के स्वयंसेवकों ने विभिन्न कार्यक्रमों में अपनी सहभागिता किया।
- विभिन्न संस्थाओं के छात्रों एवं विभिन्न जनपदों व निकटस्थ राज्यों के विशिष्ट कृषकों एवं अन्य हितधारकों के समूह ने ज्ञानार्जन हेतु विश्वविद्यालय परिसर का भ्रमण किया।
- चन्द्रशेखर आजाद कृषि एवं प्रौद्योगिकी विश्वविद्यालय, कानपुर से 6 कृषि विज्ञान केन्द्रों एवं चार शोध-सह-बीज उत्पादन प्रक्षेत्रों का स्थानान्तरण बाँदा कृषि एवं प्रौद्योगिकी विश्वविद्यालय, बाँदा को किया गया। विश्वविद्यालय इन स्थानान्तरित केन्द्रों के आधारभूत संरचनाओं एवं अन्य गतिविधियों के विकास हेतु प्रतिबद्ध एवं प्रयत्नशील है।
- विश्वविद्यालय के अधीन कृषि विज्ञान केन्द्रों के रिक्त पदों पर वैज्ञानिकों एवं अन्य स्टाफ का चयन किया गया है जिससे यह सभी केन्द्र सुचारु रूप से चलाये जा सकें।
- प्रसार निदेशालय ने राज्य कृषि विभाग के सहयोग से कृषकों एवं अन्य हितधारकों हेतु अनेकों कार्यक्रमों का आयोजन किया। छात्रों, कृषकों एवं अन्य को जागरूक करने हेतु विभिन्न प्रसार गतिविधियों जैसे प्रथम पंक्ति प्रदर्शन, प्रक्षेत्र दिवस, किसान गोष्ठी, महत्वपूर्ण दिवसों का आयोजन किया गया।
- विश्वविद्यालय के अध्यापकों ने विभिन्न प्रशिक्षण/सेमिनार/कान्फ्रेंस में अपनी विशिष्टता के अनुसार प्रतिभाग किया।
- राष्ट्रीय एवं अन्तर्राष्ट्रीय स्तरीय जर्नल्स एवं पत्रिकाओं में विश्वविद्यालय के अध्यापकों ने अपने शोध कार्यों को प्रकाशित किया।
- बुन्देलखण्ड क्षेत्र में उपयोगी तकनीकी विधाओं, जिनसे कृषक समृद्ध हो सकें, के विकास हेतु अखिल भारतीय समन्वित शोध परियोजना के अन्तर्गत विभिन्न फसलों में पादप प्रजनन एवं फसल सुरक्षा आदि पर परीक्षण आयोजित किये गये। इसके अतिरिक्त विश्वविद्यालय ने विभिन्न विशिष्ट संस्थाओं के साथ समझौता ज्ञापन पर भी हस्ताक्षर किये जिससे संस्थाओं को परस्पर तकनीकी लाभ प्राप्त हो सके।
- शोध परिषद् एवं अध्ययन बोर्ड (बोर्ड आफ स्टडीस) का पुर्नगठन किया गया है, जिससे अध्यापन एवं शोध को और अधिक प्रभावी एवं लाभप्रद बनाया जा सके। विश्वविद्यालय में यौन उत्पीड़न की घटनाओं को रोकने हेतु यौन उत्पीड़न विरोधी सेल का भी गठन किया गया है।
- इस कालावधि के अन्तर्गत वानिकी महाविद्यालय ने अपने पाठ्यक्रमों को महाविद्यालय के नवीन भवन से ही प्रारम्भ कर दिया है। गृह विज्ञान महाविद्यालय शैक्षणिक कार्यक्रम हेतु तैयार हो चुका है। पशु-चिकित्सा महाविद्यालय का निर्माण कार्य पूर्ण हो चुका है। कृषि अभियांत्रिकी महाविद्यालय का भवन निर्माण अभी शेष है। अध्यापकों के आवास हेतु टाइप-IV का निर्माण कार्य समाप्त हो गया है एवं टाइप-III निर्माणाधीन है। एक नवीन छात्रावास का भी निर्माण कार्य समाप्त हो चुका है एवं आगामी शैक्षणिक सत्र 2018-19 से छात्रों को यह आवंटित भी किया जायेगा।

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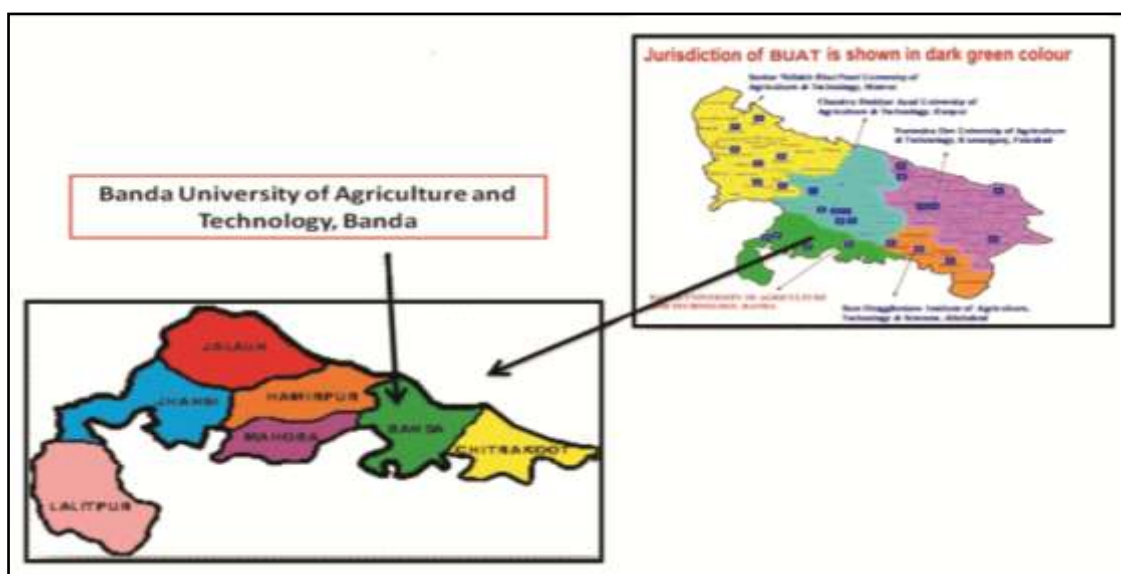
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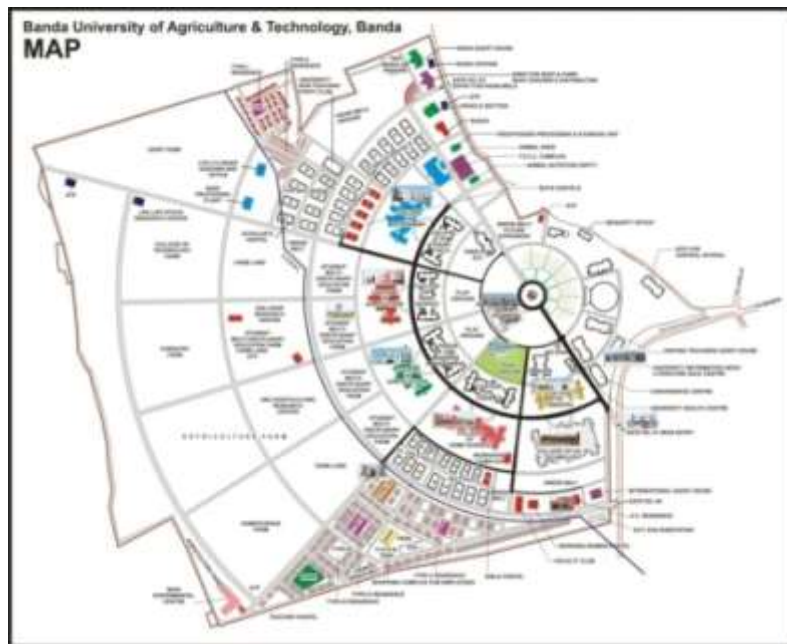


1

Banda University of Agriculture and Technology, Banda was established on 2nd March, 2010 under Uttar Pradesh Agriculture University Act (revised), 1958 Gazette-Adhiniyam, 2010 for the development of the agriculture and allied sectors in Uttar Pradesh in general and Bundelkhand region of the state in particular. The University has jurisdiction over Banda, Chitrakoot, Mahoba, Hamirpur, Jhansi, Lalitpur, and Jalaun districts. University is committed to serve the Bundelkhand region with trinity concept, *i.e.*, complete integration of teaching, research and extension for the development of agriculture and allied sectors in order to ensure food security and enhance socio-economic status of inhabitants. Eleven Colleges dealing with Agriculture, Horticulture, Forestry, Home Science, Veterinary Science & Animal Husbandry, Agriculture Engineering & Technology, Agribusiness Management, Dairy Technology, Basic Sciences & Humanities, Food Science and Fisheries have been proposed in the master plan of the University. Among these, College of Agriculture, College of Horticulture and College of Forestry are in operation. Two undergraduate degree programmes of four year duration namely B.Sc. (Hons) Agriculture and B.Sc. (Hons) Horticulture have been started in 2011 and one undergraduate degree programme of four year duration B.Sc. (Hons.) Forestry has been started in 2017. College of Home Science is yet to be started very shortly.



Area of Jurisdiction of the University



Master Plan of the University

The University head quarter is being developed on 948 acre land and the campus is facilitated with college buildings, administrative buildings, and hostels for boys & girls, residences for staff, play ground, convenience centre, canteen, 33 KV substation, R.O. plant etc. The University is continuously taking strong initiatives to improve the working environment and to make education, research and extension activities more effective, efficient and relevant. Board of Management, Academic Council and Board of Studies are at the helm of affairs in the endeavor of making the University a significant and the highest seat of learning in higher education in agriculture and allied fields to realize its mandate.

Mission

The University is committed to the cause of Indian agriculture through its quality teaching, demand-driven and location-specific research and extension programmes in the light of dynamism of socio-economic and agro-ecological conditions, management perceptions, international trade scenarios and Government policies.

Mandate of the University

Teaching

- To create human resource, particularly trained in agriculture and other allied sciences that may cater to the needs of 21st century.
- To produce scientifically and technically sound graduates with entrepreneurial skills, which can provide the employment to unemployed rural and urban youth.



- To generate technically-sound youth who can apply their acquired knowledge and skills to diversify and industrialize agriculture for the socio-economic transformation of the rural society.
- Development of technical skills for coordinating agriculture with the industry.

Research

- To generate innovative agricultural technologies to make Indian agriculture globally competitive.
- To apply all the possible sources of scientific interventions to the solution of the technical and practical problems of agriculture and allied aspects.
- To conduct the basic researches to accelerate the progress of agriculture with the inputs of fundamental knowledge.
- To solve the specific agriculture related problems, being faced by farming community.
- To formulate specific package of practices for optimization of farmers' income of different holding sizes viz., large, medium, small and marginal.

Extension

- To disseminate innovative agricultural technologies among the farmers.
- To establish partnership with growers/farmers, entrepreneurs and other stakeholders in agriculture for mutual benefits.
- To make the location specific agricultural technologies more demand-driven.
- To facilitate validation, demonstration and adoption of appropriate agro-technologies.
- To achieve economic and environmental sustainability through integrated management of productivity, production, marketing and the end use of farm produce.

Goals

The Government of Uttar Pradesh has assigned the University, the responsibilities of (a) human resource generation and development, (b) generation and perfection of technologies, and (c) appropriate technology dissemination to the farmers, orchardists and dairy farmers in the Chitrakoot Dham and Jhansi Divisions of Bundelkhand. In consonance with the objectives of the University which “among others shall be to make provision for education mainly of the rural people of the state of Uttar Pradesh in agriculture in its broad sense and to promote research, field and extension programmes in agriculture and agricultural production” the University has set for itself the following goals-



- Provide opportunities for the citizens of the state and the country for education in the field of agriculture in its broad sense and to promote research, field and extension programmes in agriculture and allied sciences.
- Establish the required infrastructure to conduct location specific research in the field of agriculture and allied sciences.
- Generate technologies to improve farm production and income of farmers.
- Provide the needed assistance to the development departments of the government and other agencies to test and disseminate the improved technologies developed.
- Provide opportunities for rural youth and women for learning and adoption of improved agro-technologies.
- To make available quality seeds to farmers in the region through focused research and extension programmes
- Revitalize the extension activities through the creation of specific infrastructure in each district.
- Adopt the advancements in information technology to improve the formal academic programmes and introduce non-formal distance and contact learning programmes for the benefit of farmers, farm women, rural youth and other stakeholders.

The University's mission and goals are, thus, clearly defined and focused on providing opportunities for higher education to the citizens, generating appropriate location-specific technologies for the benefit of the farmers, farm women, rural youth and other stakeholders and assisting them in the process of testing, fine tuning and ultimate adoption of these technologies. The University has established good infrastructure and signed MoUs with several ICAR Institutes for the successful completion of the mission.

Governance

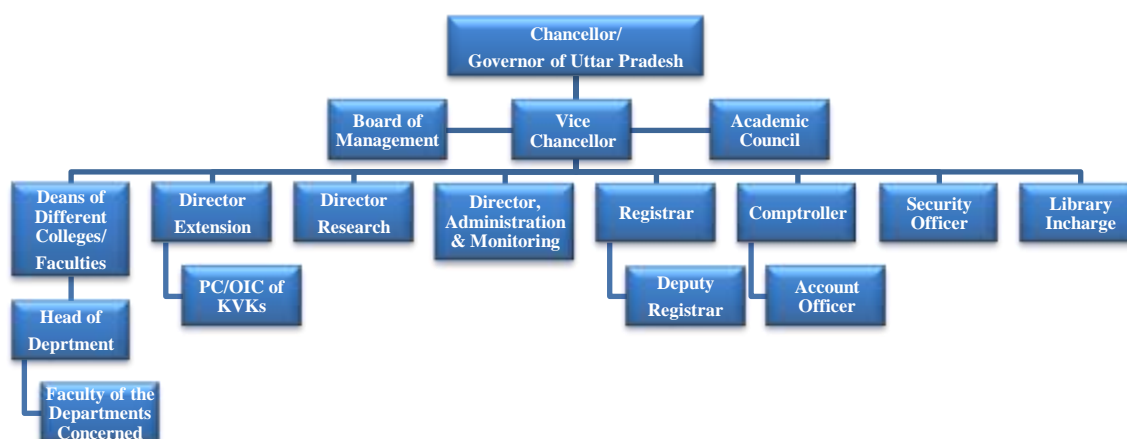
The Vice Chancellor is principal executive and academic head of the University and *ex-officio* chairman of Board of Management and Academic Council. Board of Management and Academic Council are the apex bodies, which take decisions on administrative, financial and academic matters. The authorities like Academic Council, Board of Studies, Finance Committee, Research Advisory Committee, Extension Advisory Committee, Sports and Cultural Committee and various Boards Sub-Committees etc. provide necessary recommendations/suggestions to facilitate the Board of Management to take appropriate decisions. The decisions taken by these two apex bodies are translated into action by respective functional heads. Matters pertaining to financial and budgetary aspects are channeled Deanthrough Comptroller whereas those



concerned with general administration are channeled through Director Administration & Monitoring. At present, Deans / Associate Dean coordinate the academic activities of the University and the constituent Colleges.

The regulation in respect of academic, administration especially pertaining to the students' admission and award of degrees are communicated through Registrar of the University. The action to be initiated in research and extension activities of the University are executed through Director of Research and Director of Extension, respectively while the students' co-curricular activities are monitored through Associate Dean Student's Welfare. The In-charge Counseling and Placement Cell help in arranging the job placement to students of the University besides their career counseling. The activities pertaining to construction of buildings, maintenance of buildings and other physical facilities are monitored through a monitoring committee whereas, the Estate Officer looks after the general beautification of the campus, allotment of houses etc. The Security Officer takes care of the security of the University campus and the Librarian exercises overall control of the University Library and organize their services in a manner most beneficial to the needs of teaching, research and extension programmes of the University.

Organization Structure



Authorities of the University

Board of Management (BOM)

The University is guided by a Board of Management, which is the policy making body and also responsible for the management of the University. The Vice Chancellor is the Chairman of the Board. Its other members include Principal Secretary, Agriculture Education and Research Department; Secretary, Higher Education; Principal Secretary,

Finance; Director, Agriculture; Director, Animal Husbandry; one representative nominated by the Director General of Indian Council of Agricultural Research; two Members of Legislative Assembly (MLAs) of the state and two Members of Legislative Council (MLCs) of the state; two agricultural scientists having background of agricultural research or education; a progressive farmer; one women social worker; one agriculture industrialist.

Since its constitution, 17 meetings of BOM have been held till date. During the period under report *i.e.*, 2016-17 and 2017-18, four meetings of BOM were held (Table1).

Table 1: Meetings of the Board of Management organized during the period of report

Sl. No	Meeting	Date	No. of participants
1.	14 th Meeting	08.12.2016	08
2.	15 th Meeting	19.05.2017	08
3.	16 th Meeting	14.11.2017	11
4.	17 th Meeting	09.01.2018	09



Meetings of Board of Management



Major decisions taken in various meetings are given as under:

- In the 14th meeting of BOM held on 08.12.2016 it was decided to approve the proposal for recruitment 67 posts (50 newly sanctioned and 17 old) of teaching faculty /non teaching staff in College of Agriculture, College of Horticulture and College of Forestry and 04 vacant posts of Senior Scientist cum Head and other positions in KVKs. Score card for recruitment of teaching faculty was approved. Other decisions in the meeting included, approval of offering the old pension policy, permanent position for Director Extension, conducting 2nd convocation of BUAT. It was also decided to start four year degree programme of B.Sc. (Hons.) Forestry from 2017-18 session.
- In the 15th meeting of BOM held on 19.05.2017 it was decided to cancel proceedings selection committees of newly recruited staff under the advertisement no. 01/2016 and initiate the process of recruitment all over again.
- During the 16th meeting of BOM which was held on 14.11.2017, decision was taken to hold 3rd convocation of the University and approve the recommendations of selection committees for various permanent posts advertised through Advt. no. 01/2017.
- During the 17th meeting of BOM held on 09.01.2018 decision on the nomination of a member of BOM on the search committee for appointment of Vice Chancellor, BUAT was taken.

Academic Council

The Academic Council is the supreme body administering the academic life of the University. The Academic Council has the duty to direct, control and to supervise the academic affairs of the University and is also responsible for the maintenance of standards of instruction, education, examination and the requirements for obtaining degrees. During the period under report, 07 meetings of the council were held as listed below:

Table 2: Meetings of the Academic Council organized during the period:

Sl. No	Meeting	Date	No of Participants
1.	6 th Meeting	14.07.2016	12
2.	7 th Meeting	21.09.2016	15
3.	8 th Meeting	07.12.2016	16
4.	9 th Meeting	15.06.2017	13
5.	10 th Meeting	19.08.2017	12
6.	11 th Meeting	08.01.2018	11
7.	12 th Meeting (Academic Council with SOC)	27.01.2018	17



Meetings of Academic Council

Faculty

The Government of Uttar Pradesh created 50 additional posts (31 Assistant Professor and 19 Associate Professor) by the Govt. Order No. 302/67-krishishiksha-16-1500(16)/08 dated 28.11.2016 for the College of Agriculture, College of Horticulture and College of Forestry. Recruitment was initiated for these and remaining 17 posts (09 Assistant Professor, 04 Associate Professor and 04 Professor) sanctioned earlier vide Govt. Order No. 687/67-krishishiksha-11-1500(16)/08 dated 04.05.2011. Thus, applications for 67 posts were invited through the advertisement vide Advt. No. 01/2017 dated 24.06.2017. Suitable candidates were selected after due screening of the applications and interviews of the shortlisted candidates. In addition, vacant posts of Senior Scientist cum Head of 4 KVKs and 32 posts of Subject Matter Specialists of different disciplines have also been filled following the due process of selection. Another advertisement (Advt. 02/2017 dated 16.07.2017) for filling various non teaching posts of KVKs was also brought out. In this case also, the process of screening, test/skilled test and interviews were conducted to select the suitable candidates. Under this advertisement, total 36 posts were filled including 12 posts of Programme Assistant (Lab Technician)/Farm Manager, 5 posts of Programme Assistant (Computer), 5 posts of Assistant, 5 posts of Stenographer Grade III and 9 posts of driver. In addition, two Junior Clerks and two Laboratory Assistants were also selected against the advertisement No. 03/2017 date 31.08.2017.

Table 3 : Faculty strength of the University

Sl. No	Name of the College	Name of the Post	Sanctioned	Filled	Vacant
1	College of Agriculture	Professor	2	2	-
		Associate Professor	14	14	-
		Assistant Professor	26	25	1
Sub Total			42	41	1
2	College of Horticulture	Professor	1	1	-
		Associate Professor	5	5	-
		Assistant Professor	12	12	-
Sub Total			18	18	-



3	College of Forestry	Professor	1	-	1
		Associate Professor	8	2	6
		Assistant Professor	14	14	-
Sub Total			23	16	7
Grand Total			83	75	8

Non Teaching Staff (Service Personnel)

The non-teaching staff provides necessary support for teaching, academic, research, extension, administrative and accounts matters for smooth implementation of all the activities of the University. At present University have 08 regular non teaching employees, 02 officers *i.e.*, Registrar and Comptroller from U.P. government on deputation and 22 outsourcing employees of different cadres.

Table 4: Non Teaching Staff of the University

Name of the Unit	Name of the Post	Sanctioned	Filed	Vacant
A. Administrative Non Teaching Posts on Deputation				
Registrar Office	Registrar	1	-	1
Comptroller Office	Comptroller	1	1	0
	Total	2	1	1
B. Regular Non Teaching Posts				
Vice Chancellor Office	Personal Assistant	1	1	0
Registrar Office	Personal Assistant	1	1	0
Comptroller Office	Accountant	1	1	0
Pool System Personnel	Kanistha Lipik	2	2	0
Other	Sr Lab Asst	3	3	0
	Total	8	8	0
C. Outsourcing Posts				
PA		1	-	1
Stenographer		1	1	-
Junior Clerk cum Computer Operator		8	7	1
Junior Clerk		1	1	-
Horticulture Inspector		1	1	-
Mali		4	4	-
Peon		8	7	1
Driver		1	1	-
	Total	25	22	3
	Grand Total	35	31	4



University Budget

The University gets funds from State Government, ICAR and other agencies for carrying out of education, research and extension programmes. The Comptroller is custodian of the finances of the University. During the academic year 2016-17 and 2017-18, the University got financial assistance from ICAR for the first time.

Table 5: University budget during the period under report (Rs. In lakhs and per cent)

Sl.No	Particular	2016-17		2017-18	
		Amount	%	Amount	%
1	Non Plan (State)				
2	Plan (State) Salary	285.00	23.98	437.91	33.30
	Non salary	322.01	27.09	202.21	15.38
3	Internal Resources	251.12	21.13	338.78	25.77
4	ICAR	330.37	27.80	335.95	25.55
	Total	1188.50	100	1314.85	100

Table 6: Year wise expenditure on salary, TA/DA during the period under report*

Expenditure	2016-17	2017-18
Salary	285.00	437.91
TA/DA	3.48	3.29
Recurring Contingencies	238.21	260.41
Non Recurring Contingencies	80.12	27.45
Total	606.81	729.06

**Expenditure of state grant*



2

Colleges

College of Agriculture



The College has been started to provide impetus to agricultural development in the region and upliftment of rural people in Bundelkhand region. The College started undergraduate programme B.Sc. (Hons) Agriculture in 2011. The PG programmes in various disciplines of agriculture will be started from the session 2018-19. Earlier, the Faculty of College comprised of only 11 academic staff consisting of 03 Associate Professors and 08 Assistant Professors, however, after the successful completion of the process for recruitment of additional and the vacant posts, now the faculty strength has risen upto 41 including two Professors, 14 Associate Professors and 25 Assistant Professors. The Faculty has also been involved in various extension activities. The research activities have also been initiated by the Faculty members. The Voluntary Centres of AICRP on Pigeonpea, Chickpea, Sesamum, Linseed, MULLaRP, Rapeseed and Mustard have already made functional and one Voluntary Centre of AICRP on Honeybees and Pollinators has recently been sanctioned in 2017-18. However, the proposals for various other Voluntary Centres of AICRP have also been communicated to their respective headquarters for the consideration. In addition, several projects on different aspects have been formulated under RKVY and submitted to the competent authority for the approval. Three batches of B.Sc. (Hons) Agriculture students have passed out, so far, from the College and two batches have passed out during the period under report.

The College provides excellent academic environment for developing the practical skills among students through well furnishing laboratory facilities. The practical manuals of different courses have been prepared by Faculty members, which are very useful to the students. Students Education Farm has been developed for practical training of the crop production technologies and other field operations. Students also participate in cultural, literary, sports and NCC/NSS activities which help in their all round development.



The construction work of College building was completed in 2011. The College building has been constructed by considering future demands and comprises of Dean's chamber with attached WC, PA & Steno Room, Main Office for employees, Visitors' Room, Pantry Room, a spacious Committee Room, Counseling Hall along with offices/rooms and Fee Collection Counters, Lecture Rooms (4) each with a sitting capacity of 80 students, Lecture/Instruction Rooms (18) each with a sitting capacity of 35 students, Teaching Laboratories (13), PG Teaching/ Research Laboratories (25), HOD Chambers (10) with attached WC, Steno Room, Departmental Office, Pantry room and Store for each department, individual Faculty Rooms (64), Departmental Staff Meeting Rooms (11), Large Halls (2) with a capacity of 250 students, rooms for Research Fellows and Technicians (14), Computer Labs (2), Canteen (1), Garages for tractors and farm machinery (2).

Degree Programme

The College has been offering undergraduate degree programme *i.e.*, B.Sc. (Hons.) Agriculture since 2011 and postgraduate programmes in the College will start from the academic session 2018-19.

Table 7: Students enrollment in B.Sc. (Hons.) Agriculture Degree Programme

Year	Intake Capacity (University+ICAR)	Actual Enrollment
2016-17	69	60
2017-18	69	66

Meetings of Board of Studies

The Board of Studies (BoS) was constituted in College of Agriculture vide letter No. 471/BUAT/reg/2016 dated 07/09/2016 and has been restructured as per ICAR guidelines. The major recommendations of the BOS of the College are as follows:

Sl. No	Meeting	Date of meeting	Recommendation
1	1 st BOS meeting	14.09.2016	<ul style="list-style-type: none"> • Ambiguities found in different course(s) content to be rectified. • Proposed intake (number) of PG students in different departments. • Different sub-committees at Departmental level were proposed to develop the course curriculum for the forthcoming Post graduation programs to be started from 2018-19 academic session.
2	2 nd BOS meeting	22.10.2016	
3	3 rd BOS meeting	02.12.2016	
4	4 th BOS meeting	07.12.2016	
5	5 th BOS meeting	06.01.2017	
6.	6 th BOS meeting	25.01.2018	



			<ul style="list-style-type: none"> It was decided by the Board of Studies that after completing the selection process of faculty members of Colleges of Agriculture and Horticulture, the Post Graduate programme will be initiated with intake of 5 students in each department viz., Agronomy, Genetics and Plant Breeding, Soil Science and Agricultural Chemistry, Entomology and Plant Pathology Agriculture Extension and Agricultural Economics in College of Agriculture and Fruit Science, Vegetable Science, Floriculture and Landscaping and Post Harvest Technology in College of Horticulture.
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Faculty Positions:

Table 8: Department wise strength of faculty members

Sl. No	Department	Professor			Associate Professor			Assistant Professor			Total		
		S*	F*	V*	S*	F*	V*	S*	F*	V*	S*	F*	V*
1	Agronomy	1	1	-	3	3	-	4	4	-	8	8	-
2	Genetics and Plant Breeding	1	1	-	3	3	-	3	3	-	7	7	-
3	Soil Science & Agricultural Chemistry	-	-	-	2	2	-	3	3	-	5	5	-
4	Entomology	-	-	-	3	3	-	3	3	-	6	6	-
5	Agricultural Economics	-	-	-	-	-	-	2	1	1	2	1	1
6	Agriculture Engineering	-	-	-	-	-	-	1	1	-	1	1	-
7	Plant Pathology	-	-	-	2	2	-	3	3	-	5	5	-
8	Agriculture Extension	-	-	-	1	1	-	4	3	1	5	4	1
9	Crop Physiology	-	-	-	-	-	-	1	1	-	1	1	-
10	Statistics & Computer Science	-	-	-	-	-	-	2	2	-	2	2	-
11	LPM	-	-	-	-	-	-	1	1	-	1	1	-
	Total	2	2	-	14	14	-	27	25	2	43	41	2

*S= Sanctioned

*F= Filled

*V= Vacant



Faculty Development

The College has highly competent Faculty who are contributing significantly in teaching. The College is continuously finding new avenues to upgrade the academic standard of teaching, research and extension. College always motivates its faculty to participate in the various capacity development programmes, seminars, workshops etc. organized by other agencies/organizations. The experience gained through such programmes has been effectively utilized in teaching programme and also for developing research proposals.

Table 9: Faculty participation in Capacity Development Programmes/Trainings /Conferences

Sl. No.	Name & Designation	Nature of programme	Date	Venue	Name of the Programme
1.	Dr. Hitesh Kumar, Asst. Prof.	Training	31.01.2017 to 20.02.2017	T.N.A.U, Coimbatore	Advances and accomplishments in Heterosis breeding
2.	Dr. B.K. Gupta, Asst. Prof.	Short Course Training	12.07.2016 to 21.07.2016	National Agricultural Research Management, Hyderabad	Personality development and self motivation in enhanced performance of agricultural scientist and teachers
3.	Dr. Vivek Singh, Asst. Prof.	Short Course Training	12.07.2016 to 21.07.2016	National Agricultural Research Management, Hyderabad	Personality development and self motivation in enhanced performance of agricultural scientist and teachers
4.	Dr. Deo Kumar, Asst. Prof.	Tier III Training	28.07.2016 to 29.07.2016	BUAT, Banda	Aquifer Management through Participatory Approach and Local Ground Water Issues by Central Ground Water Board, Northern Region, Lucknow
5.	Er. Sunil Kumar, Asst. Prof.				
6.	Dr. B. K. Singh, Asst. Prof.				
7.	Dr. B. K. Gupta, Asst. Prof.				
8.	Dr. Vivek Singh, Asst. Prof.				
9.	Dr. B.K.Singh, Asst. Prof.	Training	03.11.2016 to 24.11.2016	CCSHAU, Hisar	Effect of Climate Change on the Incidence of Insect-pests
10.	Dr. Virendra Kumar Singh, Assoc. Prof.	Conference	12.01.2017 to 13.01.2017	BHU, Varanasi	International Conference on Sustainable, Natural Resource Management from Science to Practice
11.	Dr. Deo Kumar, Asst. Prof.	Training	09.02.2017 to 01.03.2017	GBPUAT, Pantnagar	21 days training on Ecological Agriculture for Sustainability



12.	Dr. Arun Kumar, Asst. Prof.				
13.	Dr. Arun Kumar, Asst. Prof.	Conference	24.03.2017 to 25.03.2017	CSAUA&T, Kanpur	National Conference on Farmer Centric Agri-innovation for Sustainable Development
14.	Dr. Vaishali Gangwar, Asst. Prof.				
15.	Dr. Hitesh Kumar, Asst. Prof.	Group Meet	06.08.2017	GBPUAT, Pantnagar	Group Meet of AICRP MuLLARP
16.	Dr. Hitesh Kumar, Asst. Prof.	Group Meet	19.05.2017 to 21.05.2017	RAU, Samastipur	Group Meet of AICRP Pigeonpea
17.	All Faculty Members	College of Agriculture	18.01.2018 to 20.01.2018 and 22.01.2018 to 25.01.2018	BUAT, Banda	Three days training Faculty Development Programme
18.	Dr. G. S. Panwar	Conference	14.02.2018 to 17.02.2018	CSAUA&T, Kanpur	International Conference on Sustainability of Smallholder Agriculture in Developing Countries under Changing Climatic Scenario
19.	Dr. S. K. Singh				
20.	Dr. B. K. Singh				
21.	Dr. A. K. Tripathi				
22.	Dr. Narendra Singh				
23.	Dr. J. Pathak				
24.	Dr. B.K. Gupta				
25.	Dr. Arun Kumar				
26.	Dr. J. K. Tiwari				
27.	Dr. Rakesh Pandey				
28.	Dr. Vivek Kumar				
29.	Dr. Mayank Dubey				
30.	Dr. Umesh Chandra				
31.	Dr. Dheeraj Mishra				
32.	Dr. A. K. Singh				
33.	Dr. Gaurav Shukla				

Students Achievements

All the 29 students of the first batch of B.Sc. (Hons) Agriculture passed with first Division in year 2015. They have been awarded degrees in the Second and Third Convocation of the University held on 17th December, 2016 and 23rd November, 2017. Four students of the College received University medals for academic excellence during the second convocation of the University and three students received University medals during third convocation. Two students have been selected by campus interview by

TVS company in 2016. Students of the College participated in the Foundation Week of the University which was organized from 2nd March to 7th March, 2016 and won medals and trophy. Twelve students were also awarded merit certificates.



Student's achievement in ICAR-JRF examination in 2016

Table 10: University Medalist during Second Convocation

Sl. No.	Name of Students	ID. Number	OCPA	Degree Programme	Medals
1	Himanshu Chaudhary	109	8.76	B.Sc. (Hons) Agriculture	Vice Chancellor's Gold Medal
2	Shiv Mani Dubey	87	8.68	B.Sc. (Hons) Agriculture	Vice Chancellor's Silver Medal
3	Gufran Ahmad	104	8.68	B.Sc. (Hons) Agriculture	Vice Chancellor's Silver Medal
4	Pradeep Kumar	98	8.59	B.Sc. (Hons) Agriculture	Vice Chancellor's Bronze Medal

Table 11: University Medalist during Third Convocation

Sl. No.	Name of Students	ID. Number	OCPA	Degree Programme	Medals
1	Pranav Kumar	184	8.649	B.Sc. (Hons) Horticulture	Vice Chancellor's Gold Medal
2	Sachin Verma	210	8.524	B.Sc. (Hons) Horticulture	Vice Chancellor's Silver Medal
3	Kuldeep Kumar	185	8.416	B.Sc. (Hons) Horticulture	Vice Chancellor's Silver Medal

**Laboratories:**

The College is currently having 8 well equipped state of the art UG laboratories namely Genetics and Plant Breeding Labs, Soil Science and Agricultural Chemistry Lab, Entomology Lab, Agricultural Engineering Lab, Mushroom Lab, Plant Pathology Lab, Agriculture Extension Lab, Crop Physiology Lab. The equipment available in these labs are given in Table below.

Table 12: Scientific equipments available with UG laboratories

Genetics and Plant Breeding Labs	
Stereo Zoom Trinocular Microscope	Seed Sampling Triers
Student Monocular Microscope	Flexible Arm Illuminated Magnifier
Table Lamp	Humidifier
Horizontal Electrophoresis Unit	Desiccator
Bio red Power Supply Unit	Electric Seed Scarifier
Micropipettes (0.2 to 1000ul)	Moisture Meter
Water Bath	Hot Air Oven
Digital Timer and Thermometer	Seed Counting Board
Hot Plate	Horizontal Air Laminar Flow
Mini Centrifuge	Table Top Centrifuge
Vertical Autoclave	Seed Herbarium Model
Refrigerator	Seed Riffle Divider (Soil Type)
Tissue Culture Rack	Grinding mill
Purity Work Boards	Seed Germinator
Test Sieves (Sieve Set)	Seed Blower Dakota Type
Boerner Divider	Aspirator
Seed Precision Divider (Gamet Type)	Seed Grader
Digital Seed Vernier	Seed Counter
Soil Science and Agricultural Chemistry	Mushroom Lab
Flame Photometer	Digital thermometer cum Hygrometer
pH meter	Mushroom cultivation rack
EC meter	Mushroom cultivation trays
Tensiometer	Hand Compressor sprayer
Atomic Absorption Spectrophotometer (AAS: Under installation process)	P.P. Bags- 200 no.
Physical Balance (Digital)	Agriculture Extension Lab
Double Distillation assembly	PA system (With amplifier and sound box)
Mechanical shaker	SLR Digital still camera
Auto burette, Soil Auger	Display Board
	Bulletin Board
Entomology Lab	Plant Pathology Lab
Corcyra egg Cleaning device grain and chaffer separator	Laminar air flow cabinet
Electronic Balance	Autoclave



Insect storage box	Refrigerator
Insect collection net	Water bath
Insect killing jar	Colony counter digital
Insect stretching board	Microscope
Insect cage	pH meter
Insect showcase cabinet	Electronic weighing balance
Corcyra egg sterilization chamber (UV)	Hot plate magnetic stirrer
Insect display & storage showcase	Knapsack Sprayer (Green magic)
Aspirator	Pressure Cooker
Insect specimen tube box	Microwave oven
Microscope (Monocular)	LPG Cylinder
Microscope (Binocular)	Hot plate (Gas stove)
Knapsack sprayer	Micropipette
Mist blowers and duster	Haemocytometer
Power sprayers	Automizers
Hand compression sprayers	Thermometer
Foot sprayer	Agricultural Engineering Lab
High pressures knapsack sprayers	Tractor with two wheeler trolley
Crop Physiology Lab	Tractor drawn seed cum fertilizer
Double distillation unit	Tractor drawn disc plough, disc harrow, disc type bund former, cultivator (11-tynes), scraper, 6- row inclined plate planter, Ridge Maker, Auger, Digger, Mould Board Plough
Incubator	Pedal cum power operated grain cleaner cum grader
Water bath	Manually operated groundnut decorticator
Incubator shaker	Octagonal maize sheller
Microscope	Twin wheel hoe weeder
Electrical balance	Cage wheel
Leaf area meter	Rotavator



Students performing practical in college laboratories



Entomology and Plant Pathology Lab in College of Agriculture

Computer Lab

A Computer Lab having 31 Desktop Computers with printer, projector and 10 KVA UPS has been made operational in the College building to educate and train the students in Computer Applications. Internet connectivity has also been provided for e-communication and access to worldwide knowledge.



Students using Computer Lab facility

Students Education Farm

A multi-disciplinary Students Education Farm spread over an area around 24000m² has been developed and field training to the students in growing field crops, vegetables, flowers, fruits etc. and performing other field operations is provided at this farm. This facility is important part of any agriculture university where the UG students

obtain practical field training and learn the complete process of crop production from sowing to harvesting. Students of B.Sc. (Hons) Agriculture degree programme grow crops of Kharif and Rabi season under Practical Crop Production (PCP) course.



Students Education Farm



Activities performing by the students during their practical in student farm



College of Horticulture



The College of Horticulture started in the year 2011 as an important component of the Banda University of Agriculture and Technology (BUAT) with all three missions reflected in the Land-grant institutions: Teaching, Research and Extension. The goal of College of Horticulture is education and pursuance of fundamental and applied research in Horticulture to foster farmers' communities through extension of modern technologies in surrounding areas for the upliftment of rural community. The College of Horticulture is fulfilling the mission through the excellent and innovative work of outstanding faculty, staff, and students. The current faculty strength in college is 18 including one Professor, five Associate Professors and twelve Assistant Professors for supporting students in teaching, research and various co-curricular activities. The college of Horticulture has 6 major departments *i.e.*, Vegetable Science, Fruit Science, Post Harvest Technology, Floriculture & Landscape Architecture, Basic Sciences and Social Science. The voluntary centres of AICRP on vegetable crops and arid legumes are already functional and one voluntary AICRP centre on Medicinal and Aromatic crops has recently been sanctioned in 2017-18. However, the proposals for various other volunteer centres of AICRP have also been submitted to their respective headquarters for the consideration. In addition, several projects on different aspects have been formulated under RKVY and submitted to the competent authority for the approval.

College of Horticulture building comprises of a Dean's Chamber with office, Main Office for employees, Visitors' Room, Pantry Room, a spacious Committee Room, a Counseling Hall along with Account office, Establishment office and Staff Room, Lecture Halls (4) each with a sitting capacity of 80 students, Instruction Rooms (14) each with a sitting capacity of 35 students, Undergraduate Teaching Laboratories (8), Post Graduate Lab/ Research Laboratories (18), HOD Chambers (8) with



Departmental Office, Pantry room and stores for each department, individual Faculty Chambers (25), Multipurpose Large Hall with a capacity of 250 students (1), Conference Hall (1), Visitors Room (1), Rooms for Lab Technician, Lab Assistant and other staff (16), Store Room (30), Canteen (1).

The College is consistently striving for the overall development of the students' knowledge and personality through various curricular and extra-curricular activities. Students are encouraged to participate in cultural events, sports and games for their physical and mental fitness. Recently an Assistant Professor of Physical Education has been appointed for better sports training for the students. In addition, special extra classes are held for student's counseling, Junior Research Fellowship (JRF) competitive examination and personality development, which have proved to be extremely beneficial to the students.

Faculty Positions:

Table13: Department wise strength of faculty members

Sl. No	Department	Professor			Associate Professor			Assistant Professor			Total		
		S*	F*	V*	S*	F*	V*	S*	F*	V*	S*	F*	V*
1	Fruit Science	-	-	-	1	1	-	2	2	-	3	3	-
2	Vegetable Science	1	1	-	2	2	-	3	3	-	6	6	-
3	Post Harvest Technology	-	-	-	1	1	-	2	2	-	3	3	-
4	Floriculture & Landscape Architecture	-	-	-	1	1	-	2	2	-	3	3	-
5	Basic Sciences	-	-	-	-	-	-	1	1	-	1	1	-
6	Social Science	-	-	-	-	-	-	2	2	-	2	2	-
	Total	1	1	-	5	5	-	12	12	-	18	18	-

*S= Sanctioned

*F= Filled

*V= Vacant

Degree Programme

The College has been offering undergraduate degree programme *i.e.*, B.Sc. (Hons) Horticulture of four years duration since 2011 and the college is committed to start the post-graduate programmes in Vegetable Science and Fruit Science from the academic session 2018-19.

**Table 14: Students enrollment in B.Sc. (Hons) Horticulture Degree Programme**

Year	Intake Capacity (University+ICAR)	Actual Enrollment
2016-17	69	60
2017-18	62	59

Faculty development

The Faculty of the College is constantly motivated to enhance their academic and research skills through participation in the various Capacity Development Programmes, seminars, workshops etc. organized by other agencies/organizations. The experience gained through faculty development has been effectively utilized in teaching programme and also for developing research proposals.

Table 15: Faculty participation in Capacity Development Programmes/Training/Conferences

Sl. No.	Name & Designation	Discipline	Date	Venue	Name of the Conference
1	Er. Harshad Madhavrao Mandge, Asst. Prof.	Post Harvest Technology	29.09.2016 to 30.09.2016	CIPHET, Ludhiana	Conference on Innovative Technology for Food and Nutritional Security
2	Dr. Vishal Chugh, Asst. Prof.	Biochemistry	18.10.2016 to 21.10.2016	SIMA, Rahmankhera, Lucknow	E commerce
3	Dr. Sunil Kumar, Asst. Prof.	Vegetable Science	31.01.2017 to 20.02.2017	TNAU, Coimbatore	Advances and accomplishments in Heterosis breeding
4	Dr. Om Prakash, Asst. Prof.	Fruit Science	12.01.2017 to 01.02.2017	IARI, New Delhi	21 days training on Recent Advances in Breeding Approaches and Varietal Development of Perennial Horticultural Crops



5	Dr. Rakesh Kumar, Asst. Prof.	Floriculture and Landscaping	10.08.2017 to 30.08.2017	IARI, New Delhi	21days Training on Waste to Wealth: Biocompost production and Utilization innovation in Organic Agriculture
6.	Er. Harshad Madhavrao Mandge, Asst. Prof.	Post Harvest Technology	27.06.2017 to 17.07.2017	PAU, Ludhiana	21 days training on Farmer Empowerment and Entrepreneurial Development in Food technology for Sustainable Development
7.	All Faculty Members	College of Horticulture	18.01.2018 to 20.01.2018; 22.01.2018 to 25.01.2018	BUAT, Banda	Three days training Faculty Development Programme

Laboratories

The College has well equipped state of the art laboratories namely Vegetable Science Lab, Fruit Science Lab, Floriculture Lab, Agrometerology Lab, Biochemical Analysis Lab and Post Harvest Lab. These laboratories have been equipped for effective teaching and conduct of basic and applied research in different disciplines. Biochemical Analysis Lab and Post Harvest Lab were established during the period under report. The College has also developed its own computer lab in new building with 15 Desktop Computers.

Table 16: Scientific equipments available in the College Labs

Department of Fruit Science		Department of Natural Resource Management	
1	Falcon Premium hoe	1	Maximum Thermometer
2	Garden shovel	2	Minimum Thermometer
3	Premium garden shovel	3	Dry bulb thermometer
4	Garden Rake	4	Wet bulb thermometer
5	Sword	5	Hair Hygrograph



6	Pron G Cultivator	6	Wind vane
7	Folding ladder	7	Sunshine recorder
8	Pruning knife	8	Single Stevenson Screen
9	Edging knife	9	Double Stevenson Screen
10	Tree pruner	10	Ordinary rain gauge
11	Grass shear	11	Glass Rain Measuring Cylinder
12	Lopping shear	12	Self recording Rain gauge
13	Knap-sack Sprayer	13	Cup Counter Anemometer
14	Mango harvester	14	Open Pan Evaporimeter-Copper
15	Wheel Barrow	15	Bimetallic Thermograph
Department of Vegetable Science		16	GPS
1	pH meter	Department of Basic Sciences & Humanities	
2	Electronic Balance	1	-20°C deep freezer
3	Hand Refractometer	2	B.O.D. Incubator
4	Other glassware, plasticware and breeding materials	3	Binocular Microscopes
Department of Post Harvest Technology		4	Colorimeter
1	Fruit juice extractor	5	Double distillation assembly
2	Fruit crusher	6	Electronic balances
3	Juice blender/stirrer	7	Hot air oven
4	Hand Refractometer	8	Hot plate
5	Fruit pulper	9	Incubator Shaker
6	Crown corking machine	10	Laminar Air Flow
7	Polythene bag sealer	11	Magnetic stirrer with hot plate
8	Cabinet dryer	12	Microwave Oven
9	Weighing balance	13	Non-refrigerated Centrifuge
10	Gas burner	14	pH meter
11	Food Processor	15	Protein electrophoresis assembly with power supply
12	Vegetable cutting Machine	16	Refrigerators
13	Soxhlet Apparatus	17	U.V. Visible Spectrophotometer
14	Stainless steel utensils	18	Vertical Autoclave
15	Plastic packaging materials and packaging containers	19	Vortex shaker
		20	Water bath

Department of Floriculture & Landscaping			
1	Lawn mower (manual and electric)	7	Edging Knife
2	Pruning Knife	8	Grass shear
3	Budding knife	9	Pron G cultivator
4	Pro-trays	10	Annual's Seed Samples and planting material for identification
5	Secateurs	11	Thermohygrometer
6	Budding knife		



Biochemical Analysis Lab

Horticulture Education Farm:

A Horticulture Education Farm has been sanctioned for the College during the period under report. It's development work is under progress. After it's completion it will help students to gain practical experiences regarding various farm practices for horticultural crops. Meanwhile, Vegetable production trials were conducted on Student Education Farm located behind the College building. A small nursery of various flowers and ornamental plant is developed at open space in college building.





Vegetables production at Student Education Farm

Student Achievements

The students of the college have passed the B.Sc. (Hons.) Horticulture with first division and they have been awarded degrees in the second and third convocation of the university held on 17th December, 2016 and 23rd November, 2017. Total six students of the college received University Medals during both the convocation.

Table 17: University Medalist during Second Convocation

Sl. No.	Name of Students	ID. Number	OCPA	Degree Programme	Medals
1	Prem Narayan	184	8.649	B.Sc. (Hons) Horticulture	Vice Chancellor's Gold Medal
2	Mahi Pal	210	8.527	B.Sc. (Hons) Horticulture	Vice Chancellor's Silver Medal
3	Pawan Kumar	185	8.416	B.Sc. (Hons) Horticulture	Vice Chancellor's Bronze Medal

Table 18: University Medalist during Third Convocation

Sl. No.	Name of Students	ID. Number	OCPA	Degree Programme	Medals
1	Manoj Kumar Parajapati	255	8.460	B.Sc. (Hons) Horticulture	Vice Chancellor's Gold Medal
2	Devi Prasad Shukla	244	8.459	B.Sc. (Hons) Horticulture	Vice Chancellor's Silver Medal
3	Ankur Katiyar	262	8.360	B.Sc. (Hons) Horticulture	Vice Chancellor's Bronze Medal

Students of the College are motivated to participate in different events organized by the University. Many of students of the College participated in sports and cultural activities organized during 22nd March-28th March, 2018 and won the medals. Students of the college also excelled in academics. 19 students of first batch of B.Sc. (Hons) Horticulture opted for Post Graduation in other agriculture universities.



Foundation Week Celebration and Students Achievements in different activities

College of Forestry



The College of Forestry has been started to provide impetus to agricultural forestry development in the region and upliftment of rural people in Bundelkhand region. The College of Forestry has 6 departments namely, Silviculture and Agroforestry, Forest Biology and Tree Improvement, Forest Products and Utilization, Wildlife Sciences, Basic and Social Sciences and Natural Resource Management.

The College started undergraduate programme B.Sc. (Hons) Forestry in 2017 with enrollment of 50 students. The PG programmes in 2 departments *i.e.*, Department of Silviculture and Agroforestry and Department of Forest Biology and Tree Improvement will also be started from the session 2018-19. The Faculty of College comprised of highly qualified academic staff consisting of 2 Associate Professors and 14 Assistant Professors, who have contributed significantly in their specialized field of teaching.

The Faculty has also been involved in various extension activities. The Faculty members have also initiated the research activities. The College provides excellent



academic environment for developing the practical skills among students through well furnished laboratory facilities. The practical manuals of different courses have been prepared by Faculty members, which are also very useful to the students. Students Education Farm is being developed for practical training of students in forestry. Students also participate in cultural, literary, sports and NCC/NSS activities which help in their all round development.

Faculty Positions:

Table 19: Department wise strength of faculty members

Sl. No	Department	Professor			Associate Professor			Assistant Professor			Total		
		S*	F*	V*	S*	F*	V*	S*	F*	V*	S*	F*	V*
1	Silviculture and Agroforestry	1	-	1	3	1	2	4	4	-	8	5	3
2	Forest Biology and Tree Improvement	-	-	-	3	-	3	3	3	-	6	3	3
3	Forest Products Utilization	-	-	-	2	1	1	1	1	-	3	2	1
4	Wildlife Sciences	-	-	-	-	-	-	1	1	-	1	1	-
5	Natural Resource Management	-	-	-	-	-	-	3	3	-	3	3	-
6	Basic Sciences	-	-	-	-	-	-	2	2	-	2	2	-
	Total	1	-	1	8	2	6	14	14	-	23	16	7

*S= Sanctioned

*F= Filled

*V= Vacant

Degree Programmes

The College has been offering undergraduate degree programme *i.e.*, B.Sc. (Hons.) Forestry since 2017 and postgraduate programmes in the College will start from the academic session 2018-19.

Table 20: Students enrollment in B.Sc. (Hons.) Forestry Degree Programme

Year	Intake Capacity (University+NRI)	Actual Enrollment
2017-18	62	50

Laboratories

The College has 7 UG and 14 PG/Research labs for effective teaching and for basic and applied research in different disciplines.

3

New Infrastructure Developed

The University campus is still in the development phase. Several college buildings, residences for staff, hostels, administrative building, sport complex etc. have been completed during the period under report as per master plan of the University.

College Buildings

In the first phase, the construction of six colleges building was started in June 2010. Since beginning of the University, both the colleges viz. College of Agriculture and College of Horticulture were operating from the building of College of Agriculture. Now, during the period under report the College of Agriculture, College of Horticulture and College of Forestry are functional at their own buildings.

Hon'ble Governor of Uttar Pradesh Shri Ram Naik Ji inaugurated the building of College of Forestry on 23rd November, 2017. Dr. A.K. Singh, DDG (Agriculture Extension), Dr. S.L. Goswami, Hon'ble Vice Chancellor, Dr. N.K. Bajpai, Registrar were also present on this occasion. The College of Forestry has 6 departments namely Silviculture and Agroforestry, Forest Products and Utilization, Forest Biology and Tree Improvement, Wildlife Sciences, Basic and Social Sciences and Natural Resource Management.



Inauguration of building of College of Forestry



College of Home Science

The College of Home Science is also ready now for the upcoming batch. The construction of College of Home Science (CoHS) building, with a cost of more than Rs. 40 crores, is nearing completion. This building comprises of a Dean's Chamber with attached WC, PA & Steno Room, Main Office for employees, Visitors' Room, Pantry Room and spacious Committee Room, a Counseling Hall along with Account office, UG Lecture Hall (4) each with a sitting capacity of 80 students, Instruction Rooms (8) each with a sitting capacity of 35 students, Undergraduate Teaching Laboratories (7), Postgraduate Lab/ Research Laboratories (14), HOD Chambers (5) with attached WC & retiring room, Steno Room, Departmental Office, Pantry room and stores for each department, Individual Faculty Rooms (27), Staff Rooms (4), Multipurpose Hall (1) and Conference Room (1), Visitors Room (1), Rooms for Lab Technician, Lab Assistant etc. (14), Store Room (20), Canteen (1).



College of Home Science

College of Veterinary Science and Animal Husbandry

The construction of College of Veterinary and Animal Husbandry (CoVSc & AH) building, with a cost of more than Rs 84 crores, is under progress. This building comprises of a Dean's Chamber with attached WC, PA & Steno Room, Main Office for employees, Visitors' Room, Pantry Room and spacious Committee Room, a Counseling Hall along with Account office, UG Lecture Hall (4) each with a sitting capacity of 80 students, Instruction Rooms (5) each with a sitting capacity of 35 students, Dissection Hall (1) and Anaesthesia Room (1) Operation Theatre (2), Practice Hall (2), Dark Room (2), Cold Room (3), Embalming Room (1), Teaching Laboratories (32), Museums (8), Model Room (1). There are 15 HOD Chambers with attached WC, Steno Room, Departmental Office, Pantry room and Store for each department and 55 Individual Faculty Rooms, Departmental Staff Meeting Rooms (3), College Library (1), Large Halls (3) with a capacity of 250 students, Rooms for Research Fellows, Technicians and Animal Attendants Store (48) and Canteen (1).



College of Veterinary Science & Animal Husbandry

However, in order to make this College functional, the construction of animal hospital/clinic, dairy farm, instructional livestock farm complex etc. are required. The proposal for the same has already been submitted to the U.P. Govt. for sanction and financial approval.

College of Agricultural Engineering & Technology

The construction of College of Agricultural Engineering and Technology (COAE&T) building, with a cost of more than Rs 49 crores is under progress. It will have following facilities: HOD Chambers (4) with attached WC & retiring room, PA, Steno Room, Departmental Office and stores for each department. A Counseling Hall along with Account office and Establishment office, Class Rooms (12) and Tutorials (8), Departmental Library (4), Undergraduate Teaching Laboratories (27), Individual Faculty Rooms (56), Supporting Staff Rooms (14), Drawing Hall (3) and Multipurpose Hall (2), Visitors Room (2), Store Rooms and Record Rooms (17) and Canteen (1).



College of Agricultural Engineering & Technology

Agro-meteorological observatory

Weather has a direct and indirect effect on crop production. In this context, the regular observation of weather is essential to investigate the relationship between crop and weather precisely and quantitatively. Meteorological observatory is a place where all the necessary instruments are exposed for measuring weather phenomenon. Recording the weather phenomena is essential to know the exact relation between



climate of a region and the kinds of plants. Considering the importance of weather and climate, university has established an observatory equipped with all necessary instruments.



Agro-meterological observatory

Vermi-compost unit

The growing demand of organic farming requires the production of organic inputs at farm level. In this series, a vermi-compost unit was established for the production of vermi-compost and multiplication of earthworms. This unit was inaugurated on 1st Novemeber, 2017 by Hon'ble Vice Chancellor. The seeds of earthworm were put in to the multiplication chambers. Hands-on-trainings are also given to the farmers and other stakeholders. To popularize the use of vermi-compost and production techniques of vermi-compost, regular trainings and visits of demonstration unit were organized by the scientists.



Residential buildings

Currently there are two units of Type IV residential buildings for university employees. Out of which construction of one Type IV unit having 6 flats has been completed and already allotted to the employees, while construction work of another unit is also nearing completion. Besides this, one unit of Type III having 12 flats and Teacher's Hostel having 24 single rooms and 12 suits, have also been sanctioned during the period under report and the construction of these is under progress.



Type IV residential building



Type III residential building

Hostels

Currently four boy's hostels are being used to provide accommodation for the students out of which two have been completed during the period under report. Besides this, construction work of one new boy's Hostels has been started. Each of these hostels has capacity to accommodate 120 students. Girl students have been enrolled in the University from academic year 2015-16 onwards. Considering their small number, they have been provided hostel facilities in two of the Type IV residential units.



Hostel Facilities for Students



Water and Electricity

Earlier electricity, supplied to the University through rural feeder, was irregular due to large number of longer power cuts. This was very challenging under hot and dry climate of Bundelkhand region. Initially the University struggled with this by utilizing diesel based generators during power cuts, but at same time efforts were made to equip the campus with 24 hours power supply. With establishment of 33/11 KVA Electricity Substation on the university campus, University has 24 hour electricity supply since November, 2015.



33KVA Sub-station

R.O. Plant:

The University developed a drinking water facility near Central R.O. plant with 10000 litres storage capacity. The facility is being utilized by the students and all the employees of the campus. This central R.O. plant was inaugurated by Dr. N.S. Rathore, DDG (Education), ICAR, New Delhi on 17.12.2016 in presence of Dr. S.L. Goswami, Vice Chancellor of the University and Dr. N.K. Bajpai, Director Extension.

Agriculture farm Development:

Agriculture farm is developed behind the College of Agriculture and Horticulture in an area encompassing about 20.0 ha area. The wild plants of babool and other bushes were cut and cleaned the area and leveled the land for the purpose of cultivation of crops.



Different crops viz., sesame, pigeonpea, moong bean, mustard, chickpea were sown for seed/grain purposes. In addition, a Livestock Unit was developed for the promotion and development of indigenous breeds. The nomadic animals were kept in the shed and fed the ration as per requirements. Farm ponds were also excavated for recharge of ground water and irrigation purposes. An irrigation project on lifting the water from Kane River to the university campus is also under the progress.



Horticulture farm Development:

A Horti-Education farm on 3 ha area is being developed. An orchard on approx. 1.0 ha land besides College of Horticulture has been established with plantation of improved varieties of pomegranate, kinnow, guava, mango, phalsa, papaya, kagzi lime, jamun etc. collected from CISH, Lucknow; MKVK, Rahauri and PAU, Ludhiana. Students of the college have taken the responsibility to take care of these plants as a part of Mera Vriksha Mera Vishwavidyalaya program.

Physical Facilities:

Hostels

At present the students of College are residing in the four Hostels in the University Campus. One more hostel is also ready to be occupied and would be used for allotment



to the post graduate students. All the hostels are spacious and equipped with modern facilities. The Hostel messes are running on cooperative basis by the students.

Table 21: Availability of Rooms and Students Housed in Hostels

Hostel	No. of Rooms	Students Accommodation Capacity
Hostel No. 1	53	120
Hostel No. 2	53	120
Hostel No. 3	53	120
Hostel No. 4	53	120



Cafeteria

A modern Cafeteria has been established in a large Hall with a capacity of 300 on the ground floor of the building of College of Agriculture. Sanitation and food quality is regularly monitored by the Committee of faculty members and students. The faculty, staff, students and visitors enjoy snacks, drinks and meals in this Cafeteria.



Medical Facilities

A Small four-bed Health Clinic has been established in the College of Agriculture building for providing health services to students, employees and officers of the University under the supervision of a part time Medical Officer.





4

Extension Activities

Directorate of Extension

Extension is the most important wing of the University to serve as a bridge between field and research. Extension Education helps farmers to increase farm productivity through adoption of innovations. Extension education is directly connected with socio-economic profiles of farmers, hence extension management requires specific skills for human resource development at farm conditions to change attitude of farmers. The University has to undertake first line extension activities that may provide technical backup to line departments and may also complement and supplement the existing extension efforts of the line Departments of the State. The entire process is being coordinated by the Directorate of Extension for facilitating farming community in their endeavor of earning livelihood from agriculture and allied sectors. Directorate of Extension of the University became duly functional in September 2015 after the joining of Prof. N.K. Bajpai as its first Director Extension. With the support of University administration various responsibilities have been given to the Faculty members of both colleges to disseminate the technologies in the area of jurisdiction of the University in various ways like delivering technical lectures useful to farmers, farm advisory services and participation in Kisan melas/Kisan gosthi, farmers' trainings, in-service trainings and exhibitions etc. organized by Deptt. of Agriculture, Department of Horticulture and Department of Forestry and other line department and NGOs.

Krishi Vigyan Kendras (KVKs)

Krishi Vigyan Kendra is one of the important plan schemes of the ICAR which has been adopted in most of the agriculture universities of the country. The process was initiated to transfer the KVKs located at Banda, Mahoba, Jhansi, Jalaun, Hamirpur, Lalitpur districts of Bundelkhand region of Uttar Pradesh which comes under the jurisdiction area of BUAT from CSAUAT, Kanpur. All these 6 KVKs have since been transferred and are fully functional after recruitment and deployment of all the scientific, technical, administrative and supporting staff.

Table 22: Land Transfer of KVKs

Sl. No	Unit/Centre	Location	Land (ha)
1	Krishi Vigyan Kendra, Banda	Banda	29.24
2	Krishi Vigyan Kendra, Mahoba	Mahoba	21.46
3	Krishi Vigyan Kendra, Hamirpur	Hamirpur	12.74
4	Krishi Vigyan Kendra, Lalitpur	Lalitpur	20.00
5	Krishi Vigyan Kendra, Jalaun	Jalaun	23.06
6	Krishi Vigyan Kendra, Jhansi	Jhansi	20.00

Major Extension Activities:

Sankalp se Siddhi programme:

As a part of mega programme launched by Hon'ble Prime Minister for doubling of farmer's income the program on *Sankalp se Siddhi* was jointly organized by BUAT and KVK, Banda on 29.08.2017. Shri Bhairu Prasad Mishra, MP was the Chief Guest and Shri Prakash Dwivedi, MLA was the Guest of Honour of this function. Hon'ble Vice Chancellor, Dr. S.L. Goswami presided over the function. Prof. N.K. Bajpai, Director Extension welcomed the dignitaries and highlighted the objectives of this very important programme. The oath was also taken by about 600 farmers of different pockets of Banda. Hon'ble MP also highlighted the seven formulae of doubling income.



Hon'ble M.P. Shri Bhairu Prasad Mishra Ji addressing the gathering



Staff, students and farmers taking oath



Seed Hub

The University has started the production, processing and distribution of quality seeds of urd, moong, pigeonpea, chickpea and lentil to the farmers with the establishment of seed hub at the University campus. Indian Institute of Pulses Research (IIPR) is the Nodal Agency for the Central Govt. Project “*Creation of seed hubs for increasing indigenous production of pulses in India*”. The foundation stone of processing unit of seed hub was laid down after Bhumi Pujan at the selected site by Hon’ble Vice Chancellor.



Foundation stone laying ceremony of seed processing unit



Seed production of pigeonpea under seed hub project

Farmers' Day Celebration

On the occasion of birth anniversary of Chaudhary Charan Singh, Farmers' Day was organized at Conference Hall of College of Horticulture on 23.12.2016 and 23.12.2017. Dr. S.L. Goswami, Vice Chancellor of the university presided over the function. Faculty members, staff members, students and farmers of adjoining areas participated in the programme. Few farmers were also felicitated for their achievements during the programme.

Farmers training cum FLD seed distribution:

Farmers' training cum FLD seed distribution programme was organized at the University campus on 16.10.2017. Directorate of Rapeseed and Mustard, Bharatpur sponsored 50 FLD programmes on mustard variety NRCHB 101 in 50 acres area in adjoining villages of the University. Critical inputs were also distributed among the selected farmers.



Other extension activities:

The University is committed to the economic development of the region through improved agricultural practices. For this, it associated with various programmes run by state agriculture department in which Faculty of different colleges actively participated as resource persons.



Table 23: Faculty associated as a resource persons for various districts of region

Sl. No.	Name	Department	District
1	Dr. S.V. Dwivedi	Vegetable Science	Banda
2	Dr. Hitesh Kumar	Genetics and Plant Breeding	Mahoba
3	Dr. Deo Kumar	Soil Science	Chitrakoot
4	Dr. Sunil kumar	Vegetable Science	Hamirpur
5	Dr. Arun Kumar	Agronomy	Jhansi



Table 24: Participation of University faculty in extension activities organized by other organizations/agencies

Sl. No.	Date	Venue	Organizer	Topic	Scientists
1	17.08.2016	Chitakoot	Agriculture Department	Monthly Famer Day	Dr. Deo Kumar
2	26.09.2016	Hamirpur	Department of Horticulture	Farmer Fare	Dr. B.K. Singh & Dr. Sunil Kumar
3	27.09.2016	Chitrakoot	Department of Horticulture	Farmer Fare	Dr. S.V.Dwivedi & Dr. Vivek Singh
4	21.10.2016	Banda	Agriculture Department	Rabi Gosthi	Dr.Deo Kumar & Dr. Arun Kumar
5	25.10.2016	Chitrakoot	Agriculture Department	Rabi Gosthi	Dr. Deo Kumar
6	19.10.2016	Mahoba	Department of Horticulture	Farmer Fare & Gosthi	Dr. Rakesh Kumar & Er. Harshad
7	25.03.2017 to 27.03.2017	Mahoba	Agriculture Department	Farmer Fare	Dr. B.K. Singh & Dr. Sunil Kumar
8	09.05.2017	Lucknow	Agriculture Department	State level Kharif Gosthi	Dr. B.K. Gupta
9	16.06.2017	Hamirpur	Department of Horticulture	Gosthi	Dr.B.K.Singh , Dr. B.K. Gupta & Dr. Om Prakash,
10	22.06.2017	Banda	Department of Horticulture	Gosthi	Dr. S.V. Dwivedi Dr. V.K. Singh & Dr. B. K.Singh
11	24.06.2017	Mahoba	Department of Horticulture	Kisan mela evam Kisan Gosthi	Dr. S.V. Dwivedi, Dr. S.K. Singh & Dr. Sunil Kumar
12	28.06.2017	Chitrakoot	Department of Horticulture	Kisan mela evam Kisan Gosthi	Dr. S.V. Dwivedi & Dr. Om Prakash



Participations of Faculty in other Extension Activities

Visits of Farmers to the University Campus

Individual farmers from Bundelkhand region especially from Banda district interacted frequently with the faculty members. Number of groups of Farmers from the State and neighboring state Madhya Pradesh visited the University campus during last two years and received guidance for latest technologies.

Table 25: Visits of Farmers/Students to the University campus

Sl. No	Department	Date	Number of Farmers/ Students	Topic	Faculty
1	Agriculture Development Department District Chhatarpur & Satna (Madhya Pradesh)	21.03.2017-25.03.2017	30	Improved agriculture practices	Dr. L.K. Gangwar
2	Agriculture Development Department District Shadol (Madhya Pradesh)	25.03.2017	30	Importance organic farming	Dr. B.K. Gupta
3	Atarra College	22.03.2017-23.03.2017	40	Field and laboratory visit	Dr. L.K. Gangwar & Dr. B.K. Gupta
4	Kali Charan Nigam Institute of Technology, Banda	28.01.2018	40	Field and laboratory visit	Dr. B.K. Gupta
5	Pt. J.N. Degree College, Banda	03.02.2018	57	Collection of plants for herbarium	Dr. S.B. Singh
6	Agriculture Development Department District Fatehpur (Uttar Pradesh)	26.02.2018	40	Improved package and practices of summer pulses	Dr. B.K. Gupta & Dr. S.B. Singh



Visits of Students/Farmers to the University Campus



Mera Gaon Mera Gaurav

Under the *Mera Gaon Mera Gaurav* programme implemented by Govt. of India the University has executed a number of programmes to fulfill the objectives of this programme. Front Line demonstrations, trainings, field days and gosthis were organized in different villages to update the knowledge of farmers and other stakeholders. In addition NICRA scheme and IFS models were also implemented by the different KVKs of the university.

NICRA: Two KVKs (Hamirpur and Jhansi) of the university are implementing NICRA project for climatic challenge under Rain fed drought condition.

IFS MODEL: All 6 KVKs of the university have got additional budget from ICAR to develop Integrated Farming System model under rain fed agro condition of Bundelkhand. These models have been established in KVKs including major crops, Cattle units and Goats units which are suitable under these conditions.





Major Events/Activities

Some Important Events/Activities:

Second Convocation

The second Convocation of the University was organized on 17th December 2016, where Hon'ble Governor of Uttar Pradesh Shri Ram Naik conferred degrees on 73 graduates of B. Sc. (Hons.) Agriculture and B. Sc. (Hons.) Horticulture degree programmes. Speaking on this occasion the Governor highlighted the progress made by the country in the field of IT and communication and asked the students to utilize different IT tools to develop more efficient agricultural practices. He called upon students to think out-of-the-box and contribute tirelessly for social and economic development of the country. Dr. N.S. Rathore, DDG (Education), ICAR was the Chief Guest and delivered the Convocation Address. He highlighted the initiatives taken by ICAR to impart quality agriculture education and applauded the commendable work done by the BUAT, Banda in agriculture education. He emphasized that students should play an active role in development of the country. He also expressed the need to develop innovative technologies in agriculture sector for strengthening the economy of the country. Dr. S.L. Goswami, Vice Chancellor of the University presented the progress made by the University in the field of agricultural education, research and extension. Himanshu Chaudhary of B. Sc. (Hons.) Agriculture programme and Prem Narayan of B. Sc. (Hons.) Horticulture bagged Vice Chancellor's Gold Medal. Besides this, two students were awarded with Vice Chancellor's Silver Medal and one student with Vice Chancellor's Bronze medal. In all, 25 students of both the degree programmes received Merit Certificates for having O.C.P.A. more than 8.0.

Table 26: Detail of Degree awarded during Second Convocation held on 17th December 2016

S.No.	Name of Degree	Number of Degree
College of Agriculture		
1	B.Sc. (Hons) Agriculture	40
College of Horticulture		
2	B.Sc. (Hons) Horticulture	33
	Total	73



Third Convocation

The third Convocation of the University was organized on 23rd November 2017, where Hon'ble Governor of Uttar Pradesh Shri Ram Naik conferred degrees on 87 graduates of B.Sc.(Hons.)Agriculture and B.Sc.(Hons.)Horticulture degree programmes. Speaking on this occasion the Governor highlighted the progress made by the country in the field of advances of agriculture and asked the students to utilize their knowledge to develop precision agricultural practices. Dr. A.K. Singh, DDG (Agriculture Extension), ICAR was the Chief Guest and delivered the Convocation Address. He highlighted the initiatives taken by ICAR to impart quality agriculture education and applauded the commendable work done by the BUAT, Banda in agriculture education. Dr. S.L. Goswami, Vice Chancellor of the University presented the report on progress made by the University in the field of agricultural education, research and extension. Pranav Kumar of B.Sc. (Hons.) Agriculture programme and Manoj Kumar Prajapati of B.Sc. (Hons.) Horticulture bagged Vice Chancellor's Gold Medal and two students Vice Chancellor's Silver Medal and two students Vice Chancellor's Bronze medal. In all, 24 students of both the degree programmes received Merit Certificates.

Table 27: Detail of Degree awarded during Third Convocation held on 23rd November 2017

S.No.	Name of Degree	Number of Degree
College of Agriculture		
1	B.Sc. (Hons) Agriculture	47
College of Horticulture		
2	B.Sc. (Hons) Horticulture	40
	Total	87



A glimpse of third convocation

Foundation Week Celebrations

The University celebrated its Foundation Week during 2nd March to 7th March 2017. The programme was inaugurated by Hon'ble Vice Chancellor of the University, Dr. S.L. Goswami, and Shri Sripat Mishra, Superintendent of Police, Banda was the chief guest. The Director of Extension, Prof. N.K. Bajpai, addressed the faculty and students regarding the achievements and future vision of the University for the farming community of the Bundelkhand region. During the Foundation Week different invited lectures were also delivered by distinguished eminent scientists and academicians from reputed organizations. Dr. T.K.Datta, Principal Scientist from National Dairy Research Institute, Karnal delivered lecture in the field of animal biotechnology. Several games and sports competitions were organized such as Races (100 m., 200 m., 400m., 800m), Slow Cycling, Javelin throw, Long Jump, Short put, Volley ball, Quiz competition. Students of the University participated in these events enthusiastically and won medals and trophy.

Sports and Cultural week



During 2018, sports and cultural events were organized from 22nd to 28th March in the university play ground. The programme was inaugurated by Dr. S.L. Goswami, Vice Chancellor of the University. The Deans of both the College of Agriculture and College of Horticulture, Associate Dean of College of Forestry and Associate Dean



Students Welfare were also present during inaugural function. The students of different colleges participated in several games and sports competitions such as Races (100 m., 200 m., 400 m., 800m), Slow Cycling, Javelin throw, Long Jump, Short put, Volley ball, Badminton, Kabbadi, Table tennis and Cricket Match. Students also participated in different cultural and literary events viz., Song, Dance, Mimicry, Debate, Extempore, Poster, Painting and Quiz competition.

Farm Pond Scheme

To mitigate the effect of drought in the Bundelkhand region of U.P., Government launched “Farm Pond Scheme” on 20.04.2016 from the University Campus. Hon’ble Agriculture Minister, Sri Vinod Kumar (Pandit Singh) inaugurated the scheme for the region. On this occasion other dignitaries including Shri L K Venketashwarlu, Commissioner, Chitrakoot Dham Mandal, Shri Yogesh Kumar, DM Banda, Shri Daljeet Singh, MLA Tindwari, CDO, others officials from various state departments were present. 20 ponds have been sanctioned to the university under the scheme. The funding for the same is provided under Rashtriya Krishi Vikas Yojana (RKVY). A technical committee headed by Dr. P.K. Singh, Professor and Head, Department of Soil and Water Engineering, MPUAT, Udaipur (Rajasthan) extensively explored the campus area to select the suitable locations for these farm ponds so as to maximize catchment area for ponds. During period under report 20 farm ponds of 22×20× 3.5-4.5m dimension have been excavated. These ponds will help to recharge the underground water and also for catering to the irrigation needs of university farms.



Farm Ponds visited by Hon’ble MP Shri Bhairu Prasad Mishra in the University Campus

Plantation drive:

The University is committed to the conservation of environment. From time to time various activities related environment protection have been carried out on the campus in coordination with state forest department. University organized a Plantation drive on 11th July, 2016 with plantation of more than 12000 perennial trees around university campus as a part of massive programme of U.P. State Govt. to plant 5 crores trees at 6500 places across Uttar Pradesh on a single day. Shri Vishvambhar Prasad Nishad, Rajya Sabha M.P.; Dr. Saroj Kumar, District Magistrate and other officers from state Govt. planted trees on this occasion. The University was part of “GREEN UP

CLEAN UP’ campaign in which more than 12000 plants were planted on the same day on 11 July 2016. This campaign has been recorded in Guinness Book of World Record. Dr. S.V. Dwivedi worked as an auditor and Dr. Ajay Kumar and Dr. Om Prakash were associated with him for this campaign as a part of Guinness Book team.



University organized a Plantation drive on 15th August, 2017 with plantation of more than 200 plants around university campus. College of Horticulture initiated this drive to make the campus green. Hon’ble Vice Chancellor, Dr. S. L. Goswami and Director Extension, Prof. N.K. Bajpai along with distinguished faculty members, non teaching staff and students planted several fruit, ornamental and shady plants.



Planting of sapling by Hon’ble Vice chancellor



BUAT Students Shine

Students of the University, Pranav Kumar and Devi Prasad Shukla received second prize including Rs.50000/- cash in the competition titled “*Reinvestigating Indian Agriculture through Innovative Technologies*” (AgHawk) organized by Confederation of Indian Industries (CII) during 19-22 November at Chandigarh. Students from 18 Agricultural Universities across the country had participated in the competition. The innovative concept of Mobile App for agriculture, developed by the students was appreciated by the organizers.

In another event of debate competition organized by G.B. Pant University of Agriculture and Technology, Pantnagar, two students Shivom Dixit and Vivek Singh from College of Agriculture participated during 12th-15th January, 2017.



In another case, one of the students of College of Horticulture Mr. Ravi Thakur has brought laurel to the College by winning several medals in various athletic events. Further, he has been selected to represent India for forthcoming China Athletic Championship to be held in Beijing, China. Dr. S.L. Goswami, Vice Chancellor, BUAT, Banda congratulated all the students for bringing laurels to the University.

PRT Visit

A Peer Review Team (PRT) under the chairmanship of Dr. D.P. Singh, Ex-Vice Chancellor, JNKVV, Jabalpur visited the University campus during 29-31 August, 2016 for verification of Self Study Report as submitted by the University to the ICAR for the accreditation. Dr. S.L. Goswami, Vice chancellor of the University presented Self Study Report to the team and briefed about past and present status of the University. The members of PRT visited both the colleges of the University, library, Students' Education Farm and other facilities on the campus. The members of PRT also interacted with students and faculty members of the colleges. Dr. N.K. Bajpai acted as a convener during the visit.



Field and library visit by members of PRT

A five member Peer Review Team under the chairmanship of Dr. S.L. Mehta, Ex-Vice Chancellor, MPUAT, Udaipur visited the University on 3rd November, 2016 to assess the impact of development grant provided by ICAR to the BUAT, Banda under XII plan scheme “Strengthening and Development of Higher Agriculture Education in India”. Dr. S.L. Mehta applauded the excellent infrastructural facilities available on the campus and also appreciated the excellent performance of the students in various entrance exams for PG admissions.

MANAGE funded programme (DAESI)

The Banda University of Agriculture and Technology, Banda has been selected as Nodal Training Institute to conduct manage funded programme on Diploma in Agriculture Extension Services for Input dealers (DAESI). The programme has been



scheduled for 48 week and each Sunday has been fixed to conduct the class. The programme includes 40 classroom training days and 8 field visits. In the programme 40 input dealers have been nominated for participation in this diploma

programme. After completion of training they will have skills and have sufficient technical knowledge to solve the common problems/queries of the farmers.



Expert's lecture and field trip of the target beneficiaries

Faculty Development Programme (FDP)

To increase the teaching skills and efficiency of newly recruited faculty members of the university, a Faculty Development Programme was conducted in two batches in which total 80 faculty members of the College of Agriculture, College of Horticulture and College of Forestry were nominated to participate. The training was scheduled for 3 days for every batch during 18-20 and 22-24 January, 2018; respectively. The training was conducted by a well known training institute Smart Series, Bengluru. A series of



lectures were presented as well as practical modules were executed to make the faculty more proficient.



MANAGE BUAT Collaborative training programme

Department of Agricultural Extension and Directorate of Extension organized the *MANAGE-BUAT collaborative training programme on Integrated Farming System for Farmers' Empowerment and Entrepreneurship Development in Bundelkhand Region of UP* at College of Agriculture, Banda University of Agriculture and Technology, Banda from 15th to 24th March, 2018. Prof. S.L. Goswami, Hon'ble Vice Chancellor, BUAT, Banda was the chief guest of the programme. The Guest of Honor of the Inaugural Function was Dr. B. Gangwar, Former Director, Indian Institute of Farming System Research, Modipuram, Meerut. Several resource persons from different esteemed institutes/ universities of India delivered lecture on various aspects of Integrated Farming System and entrepreneurship development to introduce the professionals with various advancements or innovations in fields of agriculture and allied aspects with reference to IFS, to enhance the knowledge and professional skills of the participants. Total 25 participants including the faculties of university, faculties of degree colleges, subject matter specialists of KVKs and line department officials of Banda district participated in the program.



Address of distinguished speakers to the trainees

Other Activities/Programmes

National Cadet Corps (NCC)

NCC unit of Senior Division with fifty cadets' capacity was started in the University from 2015 to provide opportunity to the young graduate students to join Armed Forces for the service of Nation. The NCC unit of the College comes under 60 UP NCC Batalian, Fatehpur. The 50 students of both Colleges have registered themselves in NCC. The parades of NCC cadet are organized in such a manner that there are no clashes with the classes and exams. Cadets also participate on different occasions like Independence Day, Republic Day, and Convocation etc. After completion of camp on 8th May 2017, out of 25, 22 cadets got NCC "B" certificate and one received NCC "A" certificate.



Students participating in NCC Activities

National Service Scheme (NSS)

National Service Scheme was started in the University from 2015 to develop the young graduate student's personality through social and community development work. It is the largest organization in the country working on the thought of Swami Vivekananda and Mahatma Gandhi. The main principle of NSS is "Not me but you". Through this scheme, students are motivated towards creating awareness about various social evils in the rural and urban community related to education, health, disaster management, environmental, voter awareness and agriculture and also enable them to solve their problem jointly at their own level. There are two units, Unit 1st and Unit 2nd established in 2016-2017 Academic session. Each unit comprises of 100 students. Programme Incharge of NSS and Programme Officer of 1st unit is Dr B. K. Gupta and Programme Officer of 2nd unit is Dr. Vivek Kumar. Ten days NSS camp during 07. 10.2016 to 16.12.2016 at BUA &T campus was organized to clean the university campus and to carried out other activities, Shramdan programme and voter awareness



camp was organized on 28.01.2017 and 18.02.2017, respectively at village Mawai Bujurag and Pachnehi by NSS unit 1st. NSS 2nd unit organized cleanness drive and other activities during 15th to 16th December, 2016 and Sharm Dan and voter awareness camp on 28.01.2017 and 4.02.2017 respectively at Mawai bujurag and Mahne village.

The special camps of seven days of both units were organized during 02.02.2017 to 08.02.2017 at Pachnehi and 05.02.2017 to 11.02.2017, separately at Mahui village of Badokhar Khurd Block of District Banda. The activities of Plantation, Cleanliness, and different Awareness Programme were under taken by the volunteers during the period. The participants also called 'Swayam Sevaks' were also motivated for the personality development through different activities.



Voter awareness campaign and cleanliness drive

In, 2017-2018, 100 volunteers of NSS unit 1st have got the certificate.

Student READY/In-plant Training/Internship/Experiential Learning Programme

For the 2014 and 2015 batch students, Rural Horticultural Work Experience (RHWE) programme with a total of 20 credits is mandatory for B.Sc. (Hons) Horticulture degree programme. The programme is coordinated by the Coordinator, RHWE in the College. The programme is partly funded by the ICAR and the state government. The duration of the programme is 20 weeks. During the period the students also conduct practical and visit research and extension institution, dairy farms and private and public nurseries, food processing units etc.



For the 2016 and onwards students follow 5th Dean's Committee guidelines for RHWE program under which they are offered Student READY courses in two phases with 20 credits (0+20) each. In first phase the students are attached in nearby villages for working/gaining practical experience with horticulture farmers/horticulture based

industries in collaboration with line departments and processing industries. They are also attached with Food Processing Unit, Banda for gaining hands-on expertise on related module. However in 2nd phase they undergo Experiential Learning programs. Presently, two Experiential Learning Programme are running in department of Vegetable Science (Commercial Vegetable and Seed Production) and Post Harvest technology (Processing and value addition of fruits and vegetables).



Hands-on-training in experiential learning

Blood Donation

A blood donation programme was organized under National Health Mission by District Hospital, Blood Bank, Banda on 1st October, 2016 on the occasion of World Blood Donation Day. The students and staff of the university donated 41 units blood to the blood bank and achieved 2nd prize in the competition of blood donation.



***Celebration of important days and other events***

The important days were celebrated with a great zeal by the University faculty members and students as per the scheduled dates. The notable dignitaries were also associated in various programs. In addition other activities like development of farm ponds, agriculture and horticulture farm development, cleanliness drive, blood donation camp were also conducted.

Table 28: Important events organized

Sl. No.	Important events	Date
1	Maharshi Kashyap and Maharaja Guha Birthday	5 th April, 2016
2	Chandra Shekhar Azad Birthday	17 th April, 2016
3	Parashuram Birthday	28 th April, 2016
4	Bhoomi Pujan of College of Horticulture	15 th July, 2016
5	Training on groundwater management	28-29 th July, 2016
6	Yoga & Health Discussion	12 th August, 2016
7	11 th Parthenium Awareness Programme	16 th -22 nd August, 2016
8	Peer Review Team Visit for Accreditation	29-31 st August, 2016
9	Lok Nayak Maharana Pratap Birthday	9 th May, 2016
10	Vishwakarma Birthday	17 th September, 2016
11	Maharaja Agrasen Birthday	21 st September, 2016
12	World Blood Donor Day	1 st October, 2016
13	Maharshi Valmili Birthday	5 th October, 2016
14	Heart Fullness & Health Discussion	24 th to 26 th October, 2016
15	Sawacchata Pakhawada	1 st to 15 th November, 2016
16	T.B./MDR Awareness Programme	22 nd November, 2016
17	Mera Vriksha Mera Vidyalaya	28 th November, 2016
18	Sardar Ballabh Bhai Patel and Acharya Narendra Dev Birthday	31 st October, 2016
19	Inauguration of RO plant and College of Horticulture building	17 th December, 2016
20	Chaudhari Charan Singh Birthday	23 rd December, 2016
21	Parashuram Jayanti	28 th April, 2017
22	Maharana Pratap Jayanti	9 th May, 2017
23	Aatankvaad Virodh Diwas	21 st May, 2017
24	Plantation with District Forest Officer	6 th July, 2017

25	Orientation programme for all students of Batch 2017-18	19 th July, 2017
26	Drinking water programme	18 th August, 2017
27	Mess opening in 3 rd and 4 th Hostel	18 th August, 2017
28	Sawacchata Pakhawada Day	1 st - 15 th September, 2017
29	Sankalp Se Siddhi Programme	11 th September, 2017
30	Bundelkhand Krishi Samridhi Abhiyan	14 th September, 2017
31	Agrasen Jayanti	21 st September, 2017
32	Gandhi Jaynti and Lal Bahadur Shastri Jayanti	2 nd October, 2017
33	Balmiki Jayanti	5 th October, 2017
34	Sardar Vallabh Bhai Patel Jayanti	31 st October, 2017
35	Agriculture Education Day	3 rd December, 2017
36	Kisan Samman Diwas	23 rd December, 2017
37	Celebration of New Year	1 st January, 2018
38	Orientation of scientists of KVKs	10-11 th Januaray, 2018
39	Republic Day and award ceremony	26 th January, 2018
40	Sant Ravi Das Jayanti	30 th -31 st January, 2018



Celebration of Farmers Day and Agriculture Education Day



Cleanliness drive under Swachhata Pakhwada



Library and Other Learning Resources

The library is one of the most important centres of the University, which facilitates the teaching, research and extension programmes. Both the faculty and students extensively use this facility. The University started Library facilities in a Multi-purpose Hall in the College of



Agriculture Building and shifted the same in the Counseling hall on the ground floor of College of Agriculture Building in December, 2015 until a full-fledged Library building is constructed on the Campus. Library rules were also developed and approved by Hon'ble Vice Chancellor on 18th January, 2013 and library membership cards were issued to the students and employees. These rules were further updated and approved by Academic Council in its meeting held on 22nd February 2014. Now, several new text and reference books as well as different magazines and journals are available in the Library. The internet facility is available for the students and faculty members to access the desired information. Efforts have also been made to develop the easy access of references through inter and intranet facility in the library and the university campus. Xeroxing Machine is available in the library for photocopying services on the payment basis. The rates are approved by the competent authority from time to time. Students are extensively using this facility from last four years.

Table 29: List of Holdings in the University Library

Sl. No.	List of holdings	Total no.
1	Text Books	5627
2	Manuals	77
3	Journals	134
4	Magazines	546
5	News Papers	05 (per day)
6	Others (Annual reports, News letter etc.)	361

Placement and Counseling cell

The university imparts job oriented professional education in the field of Agriculture, Horticulture and Forestry. There is tremendous scope for intelligent and

skilled graduates in India and abroad. In order to achieve this objective, the University has setup a full-fledged Counseling and Placement Cell in 2015. Dr. Ajay Kumar Singh, Associate Professor (College of Horticulture) has been deputed as In-charge of this cell. The cell is committed to help and guide the passing out students to get suitable jobs in Government, Semi Government, NGOs and private organizations of National/ International repute. Special guest lecturers of experts from different fields like social, economics, agricultural sciences, etc. are arranged on various subjects for the U.G. students to enhance their confidence and prepare them for future opportunities in the related fields. In 2016, 5 students were selected by TVS Company through campus interview.



Placement and Counseling Cell Activities

Anti Ragging Cell

The university is following UGC Regulations on curbing the menace of ragging. In this connection, university has set up an anti-ragging cell comprising Registrar, Deans of the colleges, DSW, Hostel Warden and senior faculty members and SHO of Police Station/Chowki located at University campus. The various activities related to prevention of ragging are monitored by DSW prior to commencement of new academic sessions. The meeting of anti-ragging cell is conducted and duties are assigned to the wardens of the respective hostels and faculty members to be vigilant during morning, evening and late night, for this schedule of duty chart of anti ragging committee mentioning time and point of their presence to prevent ragging is issued. The campus is ragging free and all efforts are being made to ensure prevention of ragging and to provide safe and fearless environment in the university campus.

Anti Sexual Harassment Cell

The anti sexual harassment cell is necessary to deal with the sexual harassment cases as per the guidelines of the statute or law. In this context, a committee has been constituted, to prevent such acts, by the University authority vide letter no. BUAT/DAM/65/2018 dated 01/02/2018. The committee is committed to develop the rules and regulations and their enactment.



Sl. No.	Name	Designation
1.	Dr. Priya Awasthi, Associate Professor	Chairperson
2.	Dr. Narendra Singh, Associate Director Extension	Member
3.	Dr. Nidhika Thakur, Assistant Professor	Member
4.	Dr. Anuradha Awasthi, Pradhan Gram Panchyat, Kanwara	Member
5.	Km. Akansha Gupta, B.Sc. (Hons.) Student, College of Horticulture, 3 rd Year	Member

Research:

The University has also initiated research programmes on agriculture and horticultural aspects. These research programmes have been started in collaboration with several All India Coordinated Research Projects.

Table 30: List of AICRP at the University

Sl. No.	Name of Trials	Faculty	Responsibility
1	Breeding trials on sesamum under AICRP sesamum	Dr. L.K. Gangwar	Project In-charge
2	Breeding trials on Pigeon pea under AICRP pigeon pea	Dr. Hitesh Kumar	Project In-charge
3	Breeding trials on green gram, black gram, pea and lentil under AICRP-MULLaRP	Dr. Hitesh Kumar	Project In-charge
4	Entomological trials on AICRP on vegetable crops	Dr. S.V. Dwivedi Dr. B.K. Singh	Project In-charge Co-Project In-charge
5	Pathological trials on AICRP on vegetable crops	Dr. S.V. Dwivedi Dr. Vivek Singh	Project In-charge Co-Project In-charge
6	Breeding trials on mustard under AICRP on mustard	Dr.L. K. Gangwar	Project In-charge
7	Entomological trials on AICRP on chickpea	Dr. S.K. Singh Dr. B.K. Singh	Project In-charge Co-Project In-charge
8	Pathological trials on AICRP on chickpea	Dr. Vivek Singh	Project In-charge
9	Entomological trials on AICRP on pigeonpea	Dr. B.K. Singh Dr. S.K. Singh	Project In-charge Co-Project In-charge

10	Breeding trials on chickpea on AICRP on chickpea	Dr. Hitesh Kumar	Project In-charge
11	Breeding trials on pigeonpea on AICRP on pigeonpea	Dr. Hitesh Kumar	Project In-charge
12.	Breeding trials on sesame on AICRP on sesame	Dr. L.K. Gangwar	Project In-charge
13	Breeding trials on linseed on AICRP on linseed	Dr. L.K. Gangwar	Project In-charge
14	Breeding trials on cowpea on AICRP on arid legume	Dr. Sunil Kumar	Project In-charge



A view of AICRP trials on different crops



Regional Research Sub Station Mawai Bujurg, Banda

The ICAR has sanctioned a research substation at Mawai Bujurg, Banda to tackle the regional problems in respect of Agro-forestry, Silviculture and Water management in Bundelkhand zone under NARP phase II in 1989.

Research cum Seed Production Farms

There are four research cum seed production farms spread over area of jurisdiction of the University equipped with following major mandates.

Table 31: Details of research-cum-seed production farms

Name of the Farms	Total area (ha)	Cultivated area (ha)	Mandates
C.R.F. Gursarayan, Jhansi	25.40	22.42	Field Trials and Breeder Seed Production in Pulses Crops
C.R.F. Mauranipur, Jhansi	9.20	8.33	Field Trials and Breeder Seed Production
NARP, Belatal, Mahoba	23.29	21.71	Field Trials and Breeder Seed Production
NARP, Mawai Bujurg	20.21	18.27	Researches on ravines management



AICRP trial on linseed at CRF Mauranipur

MoUs with other Institutes/Organizations:

During the period under report, the University signed Memoranda of Understanding (MoU) with 11 ICAR research institutes around the country whose mandate is similar to that of University, with a view to bringing technologies for the benefit of farmers in Bundelkhand region from across the country.

MoU with Central Institute Goat Research (CIGR), Makhdoom



**Table 32: MoUs with different organizations**

Sl. No.	Name of Institute
1	Central Institute for Research on Goats, Makhdoom, Farah, Mathura, U.P.
2	NRC on Seed Spices, Tabiji Farm, Ajmer-305206, Rajasthan
3	Indian Institute of Grassland and Fodder Research Institute (IGFRI), Gwalior road, Jhansi, U.P.
4	Indian Institute of Oilseed Research, Rajendranagar, Hyderabad-50030, Talangana
5	Central Institute Subtropical Horticulture, Rahmankhera, PO Kakori, Lucknow-226101
6	Indian Institute of Pulses Research (IIPR), Kanpur
7	Central Citrus Research Institute, Shankar Nagar, Nagpur-440010
8	Central Sheep and wool Research Institute, Avikanagar Jaipur Rajasthan-304501
9	Central Agroforestry Research Institute, Gwalior Road, Jhansi – 284003
10	Central Research Institute for Dryland Agriculture, Hyderabad
11	Indian Institute of Vegetable Research, Varanasi

Student Education Tour:

As part of Rural Horticultural Work Programme (RHWE), the final year students of B.Sc.(Hons.) Horticulture programme, visited various educational and research institutes in Allahabad, Varanasi, Faizabad, Lucknow and Kanpur during 15-19 November, 2016. Dr.Sunil Kumar and Er. Harshad M. Mandge accompanied the students during the visit to Banaras Hindu University (B.H.U.), Indian Institute of Vegetable Research (IIVR), Varanasi, Central Institute of Sub-tropical Horticulture (CISH), Central Institute of Medicinal and Aromatic Plants (CIMAP) etc.

The students of B.Sc.(Hons.)Agriculture visited various educational institutes viz., B.H.U., Indian Institute of Vegetable Research, Varanasi., Narendra Dev University of Agriculture & Technology, Faizabad., Chandra Shekhar Azad University of Agriculture & Technology, Kanpur and Indian Institute of Pulses Research, Kanpur during 02.02.2017 to 05.02.2017. Dr. B.K. Singh and Dr. Hitesh Kumar accompanied the students.

The final year students of B.Sc.(Hons.) Horticulture programme, visited various educational and research institutes in Lucknow and Varanasi during 24-28 October, 2017. Dr.Sunil Kumar and Er. Harshad M. Mandge accompanied the students during the visit to Banaras Hindu University (B.H.U.), Indian Institute of Vegetable Research (IIVR), Varanasi., Central Institute of Sub-tropical Horticulture (CISH), Central Institute of Medicinal and Aromatic Plants (CIMAP) and National Botanical Research Institute (NBRI).



The students of B.Sc.(Hons.) Agriculture visited various educational institutes viz., U.P. Pt. Deen Dayal Upadhyaya Pashu Chikitsa Vishwa Vidyalaya, Mathura., Indian Grassland and Fodder Research Institute, Jhansi., Indian Agricultural Research Institute, New Delhi and National Dairy Research Institute, Karnal from 15.03.2018 to 22.03.2018. Dr. Hitesh Kumar and Dr. J. K. Tiwari guided the students during educational tour.



Student Education Tour

Rural Agriculture/Horticulture Work Experience programme:

Rural Agriculture Work Experience (RAWWE) was conducted as per Fourth Dean's committee guidelines. Students were attached with some selected villages in Badokhar Block of Banda districts. Students have been exposed to the agriculture condition of the region through this programme. Students have also collected primary data on socioeconomic conditions of the farmers in these villages. This information will be helpful for the Faculty to plan their research according to need of the regional farmers.

Rural Horticulture work Experience (RHWE) programme has been organized for students of College of Horticulture Batch 2013 and 2014. Visits were arranged in nearby villages, horticulture based industries and training centres as a part of RHWE programme. Short duration trainings were organized for students with the help of State Horticulture and State Forest Department, Banda. Presently, two Experiential Learning Programme are running in department of Vegetable Science (Commercial Vegetable

and Seed Production) and Post Harvest technology (Processing and value addition of fruits and vegetables).



Various food products prepared by the students



Interaction of expert with the students during trip

**Visit by dignitaries**

During the period under report, distinguished persons from state and country visited the University campus as under:

Table 33: Distinguished visitors at University Campus

Sl. No.	Name	Designation	Date of visit
1	His Excellency Shri Ram Naik ji	Governor, Uttar Pradesh	17.12.2016 & 23.11.2017
2	Dr. D.P. Singh	Former Vice Chancellor, JNVKK, Jabalpur	29.08.2016
3	Dr. S.L. Mehta	Ex-DDG (Education) & Former Vice Chancellor, MPUAT, Udaipur	03.11.2016
4	Shri Suresh Chandra Tripathi, MLC; Shri Mulchand Singh, MLA and Smt. Manisha Anuragi, MLA	BOM Member	14.11.2017
5	Dr. N.S. Rathore	Deputy Director General (Education) ICAR, New Delhi	17.12.2016
6	Dr. Arvind Kumar	Vice Chancellor, Rani Laxmi Bai University of Agriculture & Technology, Jhansi	05.02.2017
7	Prof. Ram Gopal	Ex Director, DRDO, Pune	18.08.2017
8	Shri Bhairo Prasad Mishra	M.P., Banda	29.08.2017
9	Shri Prakash Dwivedi	M.L.A., Banda	29.08.2017
10	Dr. Dinesh Kumar		15.09.2017
11	Dr. A.K. Singh	Deputy Director General (Extension) ICAR, New Delhi	23.11.2017
12	Shri Suresh Chandra Tripathi, MLC; Shri Mulchand Singh, MLA and Smt. Manisha Anuragi, MLA	BOM Member	21.01.2018



Honours and Awards

A number of awards have been conferred on faculty members by different societies for their achievement. The details are given below:

Table 34: List of awardees by various societies/organizations

S. No.	Award	Awarded By	Awarded to	Year
1.	Life Time Achievement Award	The Society of Agricultural Professionals, Kanpur	Dr. S. L. Goswami	2018
2	Award of Excellence in Science	The Society of Agricultural Professionals, Kanpur	Dr. N. K. Bajpai	2018
3	SAP Fellowship Award	The Society of Agricultural Professionals, Kanpur	Dr. N. K. Bajpai	2017
4.	SAP Fellowship Award	The Society of Agricultural Professionals, Kanpur	Dr. S. V. Dwivedi	2018
5.	Young Scientist Award	Science & Technology Society for Integrated Rural Improvement, Thorrur, Warangal, Telangana	Dr. S. V. Dwivedi	2016
6.	Dr. Masood Ali , Young Scientist Award	UPAAS, UPCAR Lucknow	Dr. L. K. Gangwar	2016
7.	Bundelkhand Connect Agriculture Excellence Award	Bundelkhand News Group	Dr. Deo Kumar	2016
8.	Science Talent Master	Council of Science and Technology, U.P.	Dr. Deo Kumar	2016
9.	Excellence in teaching	Samagravikas welfare society, Lucknow	Dr. S. K. Singh	2017
10.	Outstanding service award	BUAT, Banda	Dr. L.K. Gangwar	2018
11	Outstanding service award	BUAT, Banda	Dr. B. K. Singh	2018
12	Outstanding service award	BUAT, Banda	Dr. Vivek Singh	2018
13.	Outstanding service award	BUAT, Banda	Dr. B. K. Gupta	2018
14	Outstanding service award	BUAT, Banda	Er. Harshad M. Mandage	2018
15.	Best Scientist Award	The Society of Agricultural Professionals, Kanpur	Dr. Narendra Kumar Singh	2018



16.	Utkrisht Award	The Society of Agricultural Professionals, Kanpur	Dr. A. K. Tripathi	2018
17.	Best Scientist Award	The Society of Agricultural Professionals, Kanpur	Dr. B. K. Gupta	2018
18.	Best Poster Presentation Award	The Society of Agricultural Professionals, Kanpur	Dr. Rakesh Pandey	2018
19.	Best Poster Presentation Award	The Society of Agricultural Professionals, Kanpur	Dr. Priya Awasthi	2018
20.	Best Poster Presentation Award	The Society of Agricultural Professionals, Kanpur	Dr. Vigya Mishra	2018
21.	Young Teacher Award	Society for Agriculture and Innovation and Development, Ranchi	Dr. Vaishali Gangwar	2018



Outstanding Service Award

University has awarded outstanding service awards to the faculties and other supporting staff members on the basis of their services rendered to the development of the University. University will soon initiate best teachers/extension worker/researcher award and in other domains. The procedure for the same will be adopted as per the ICAR or other National level agencies' guidelines.





Publication

A series of publications have been published by the University on various occasions. The events were highlighted in the local newspaper as well as in different magazines of national repute. Besides, research articles and popular articles were also published by different faculty members during the period under report.

Table 35: Review Paper/Book Chapter/Extension Pamphlets

Sl. No.	Review Paper/Book Chapter/Extension Pamphlet	Authors
1	Spectroscopic investigation of wheat grains (<i>Triticumaestivum</i>) infected by wheat seed gall nematodes (<i>Anguinatritici</i>). Biocatalysis and Agricultural Biotechnology. 1-8.	V.K. Singh, A. Devi, S. Pathania, V. Kumar, D.K. Tripathi, S. Sharma, D.K. Chauhan, V.K. Singh and V. Zorba (2016).
2	Management of yellow mosaic disease of mung bean (<i>Vignaradiata</i>). Indian Phytopathology. 69(4s):391-393.	S.R.Sharma,V.K.Singh and A.K.Tomar (2016).
3	<i>Grishma ritu me bhi kar sakate hain mung ki kheti</i> . Bundelkhand Ujala,.P.6. 6 May 2017.	V K Singh
4	<i>Mung ki phasal me 3-4 sichai ki jarurat</i> . Dainik Jagaran .p.2, 9 May 2017.	V K Singh
5	Book Chapter on Important nematode pest of wheat and other cereals crops PP. 153–168 (Ed. Dr. S.S. Vaish, Major wheat diseases with their management. Astral International Pvt. Ltd. New Delhi ISBN No. 978-81-7035	V. K. Singh and R. K. Gupta (2016).
6	Book Chapter on Prospects for the biological control of Plant parasitic Nematodes PP. 129-139 (Ed. Dr. S.S. Vaish, Plant diseases and their sustainable management. Biotech books New Delhi ISBN No. 978-81-7622.	V. K. Singh and R.K. Gupta (2016).
7	<i>White button mushroom ki kheti</i> . BUAT (CA).No. 04/2016	V. K. Singh and Vivek Singh.
8	<i>Oyster mushroom ki kheti</i> . BUAT (CA).No. 05/2016,	V. K. Singh and Vivek Singh
9	Performance of Black Gram (<i>Vignamungo</i> L.) varieties to date of seeding and P fertilization in Western U. P. Progressive Research 11(4):466-471.	S K Gupta, M. Ghosh, G S Panwar and Deo Kumar. 2016
10	Soil health management under Vermicompost based integrated nutrient management in wheat. Indian Journal of Ecology (Accepted).	Deo Kumar, Ashok Kumar, S K Gupta and R N Gupta
11	Effect of saline water irrigation on germination and yield of wheat genotypes. Trends in Bio Science 10 (23): 4897-99	B. Kumar, Vaishali Gangwar and S K S Parihar. 2017

03 हिन्दुस्तान

बुंदेलखंड के जैविक खेती के लिए आगे आगे और भविष्य सुधारें: डॉ. एके सिंह

हिन्दुस्तान बांदा

राजधानी को यादगिर बनाया गया

कृषि वैज्ञानिक बन किसानों को तकदीर सवारों में खेनहार

कृषि वैज्ञानिक बन किसानों को तकदीर सवारों में खेनहार

कृषि वैज्ञानिक बन किसानों को तकदीर सवारों में खेनहार

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कृषि वैज्ञानिक बन किसानों को तकदीर सवारों में खेनहार

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कृषि वैज्ञानिक बन किसानों को तकदीर सवारों में खेनहार

कृषि वैज्ञानिक बन किसानों को तकदीर सवारों में खेनहार

कृषि वैज्ञानिक बन किसानों को तकदीर सवारों में खेनहार

कृषि वैज्ञानिक बन किसानों को तकदीर सवारों में खेनहार



***Vice Chancellors***

Sl.No.	Name	Duration
1.	Prof. (Dr.) Milkha Singh Aulakh	13 th June, 2011 to 1 st March, 2015
2.	Prof. (Dr.) S.L. Goswami	2 nd March, 2015 till date

Administration

S. No.	Name	Designation
1.	Prof.(Dr.) S.L. Goswami	Vice Chancellor
2.	Shri Devi Dass	Registrar
3.	Shri Mukundi Lal Gupta	Comptroller
4.	Prof.(Dr.) N.K. Bajpai	Director Extension

Board of Management

S. No.	Name of Member & Designation	Address	Designation	Contact Number
1	Dr. S.L. Goswami Vice Chancellor	BUAT, Banda-210001, U.P.	Chairman	05192- 232306
2	Shri Amit Mohan Prasad Principal Secretary Agriculture Education & Research Department, U.P.	Room no. 64, Naveen Bhawan, Agriculture Education & Research Department, Govt. of U.P. Lucknow-226001	Member	Fax 0522- 2236492
3	Shri Jitendra Kumar Principal Secretary Higher Education Department, U.P.	Room no. 8B, Naveen Bhawan, Higher Education Department, Govt. of U.P. Lucknow- 226001	Member	9532186691 0522- 2338107
4	Shri Sanjeev Mittal Principal Secretary Finance Department, U.P.	Room no. 60, Naveen Bhawan, Higher Finance Department, Govt. of U.P. Lucknow-226001	Member	0522- 2238062 2238434 Fax-2238918
5	Dr. Soraj Singh, Director of Agriculture	Agriculture Building, Madan Mohan Malviya Marg, Lucknow-226001	Member	9235629301 0522- 2205868 Fax-2206582
6	Dr. Charan Singh Yadav Director of Animal Husbandry	Directorate of Animal Husbandry, Gorakhnath Road, Dalignaj, Lucknow-226001	Member	9935263123 0522- 2740482 Fax-2740202
7	Dr. A.K. Singh	Deputy Director	Member	9335729783



	Deputy Director General	General (Extension) Krishi Bhawan, KAB-1, Pusa, New Delhi-110001		
8	Shri Suresh Kumar Tripathi, Member, Vidhan Parishad	1-N/5B Poora Dalel Tilak Nagar, Allapur, Allahabad	Member	9415905914 9415309609
9	Shri Moolchand Singh Member, Vidhan Sabha	1908, Ram Nagar (Jhansi Road), Urai, Jalaun	Member	8887151019
10	Smt. Manisha Anuragi Member, Vidhan Sabha	MU. Khushipura, Rath, Hamirpur	Member	8887151029 7080650268
11	Shri Mukundi Lal Gupta, Finance Comptroller	BUAT, Banda-210001, U.P.	Member Secretary	9452239352

Academic Council

S. No.	Name	Duties/Assignments of Teachers/Officials
1	Dr. S.L. Goswami	Vice Chancellor (Chairperson)
2	Shri Devi Dass	Registrar (Secretary)
3	Shri Mukundi Lal Gupta	Comptroller (Ex-officio)
4	Prof. N.K.Bajpai	Director Extension (Ex-officio)
5	Dr. L. K. Gangwar	Associate Professor (College of Agriculture)
6	Dr. S. K. Singh	Associate Professor (College of Agriculture)
7	Dr. V. K. Singh	Associate Professor (College of Agriculture)
8	Dr. S. V. Dwivedi	Associate Professor (College of Horticulture),
9	Dr. A. K. Singh	Associate Professor (College of Horticulture),
10	Dr. Deo Kumar	Assistant Professor (College of Agriculture)
11	Dr. Vivek Singh	Assistant Professor (College of Agriculture)
12	Dr. Vaishali Gangwar	Assistant Professor, Deputy Librarian
13	Dr. Om Prakash	Assistant Professor (College of Horticulture)
14	Dr. Sunil Kumar	Assistant Professor (College of Horticulture)
15	Dr. Rakesh Kumar	Elected by Faculty for one year
16	Dr. B.K. Gupta	Elected by Faculty for one year

***Board of Studies (College of Agriculture)***

S. No.	Name	Duties/Assignments of Teachers/Officials
1	Dr. L. K. Gangwar	Chairman, Associate Professor
2	Dr. S. K. Singh	Member, Associate Professor
3	Dr. V. K. Singh	Member, Associate Professor
4	Dr. Deo Kumar	Member, Assistant Professor
5	Dr. Vaishali Gangwar	Member, Assistant Professor
6	Er. Sunil Kumar	Member, Assistant Professor
7	Dr. Arun Kumar	Member, Assistant Professor
8	Dr. B.K.Gupta	Member Secretary, Assistant Professor

Board of Studies (College of Horticulture)

S. No.	Name	Duties/Assignments of Teachers/Officials
1	Dr. S. V. Dwivedi	Chairman, Associate Professor
2	Dr. A. K. Singh	Member, Associate Professor
3	Dr. Om Prakash	Member, Assistant Professor
4	Dr. Sunil Kumar	Member, Assistant Professor
5	Dr. Rakesh Kumar	Member, Assistant Professor
6	Er. Harshad M. Mandage	Member, Assistant Professor
7	Dr. Vishal Chugh	Member, Assistant Professor

Faculty of College of Agriculture

S.No.	Name	Designation
1	Dr. Guru Sharan Panwar	Dean, CoA and Professor of Agronomy
2	Dr. Mukul Srivastava	Professor of Genetics and Plant Breeding
3	Dr. Lokesh Kumar Gangwar	Associate Professor of Genetics and Plant Breeding
4	Dr. Surendra Kumar Singh	Associate Professor of Entomology
5	Dr. Virendra Kumar Singh	Associate Professor of Plant Pathology
6	Dr. Bhupendra Kumar Singh	Associate Professor of Entomology



7	Dr. Awadhesh Kumar Tripathi	Associate Professor of Agronomy
8	Dr. Narendra Singh	Associate Professor of Agronomy
9	Dr. Jagannath Pathak	Associate Professor of Soil Science
10	Dr. Rakesh Pandey	Associate Professor of Entomology
11	Dr. Dharmendra Kumar	Associate Professor of Plant Pathology
12	Dr. Dinesh Shah	Associate Professor of Agronomy
13	Dr. Kamaluddin	Associate Professor of Genetics and Plant Breeding
14	Dr. Anand Kumar Chaubey	Associate Professor of Soil Science
15	Dr. Bhanu Prakash Mishra	Associate Professor of Agricultural Extension
16	Dr. Rahul Kumar	Associate Professor of Genetics and Plant Breeding
17	Dr. Deo Kumar	Assistant Professor of Soil Science and Agricultural Engineering
18	Dr. Vivek Singh	Associate Professor of Genetics and Plant Breeding
19	Dr. Vaishali Gangwar	Assistant Professor of Crop Physiology
20	Dr. Brijesh Kumar Gupta	Assistant Professor of Agricultural Extension
21	Er. Sunil Kumar	Assistant Professor of Agricultural Engineering
22	Dr. Hitesh Kumar	Assistant Professor of Genetics and Plant Breeding
23	Dr. Arun Kumar	Assistant Professor of Agronomy
24	Dr. Dheeraj Mishra	Assistant Professor of Agricultural Extension
25	Dr. Vijay Sharma	Assistant Professor of Genetics and Plant Breeding
26	Dr. Chandra Mohan Singh	Assistant Professor of Genetics and Plant Breeding
27	Dr. Gaurav Shukla	Assistant Professor of Statistics
28	Dr. Mayank Dubey	Assistant Professor of Livestock and Management
29	Dr. Akhilesh Kumar Singh	Assistant Professor of Entomology
30	Dr. Rahul Kumar Rai	Assistant Professor of Agricultural Economics
31	Dr. Mukesh Kumar Mishra	Assistant Professor of Entomology
32	Dr. Hoshiyar Singh Negi	Assistant Professor of Plant Pathology
33	Dr. Shyam Beer Singh	Assistant Professor of Agronomy



34	Dr. Jugul Kishor Tiwari	Assistant Professor of Soil Science
35	Dr. Umesh Chandra	Assistant Professor of Computer Science
36	Dr. Amit Kumar Singh	Assistant Professor of Agronomy
37	Dr. Amit Mishra	Assistant Professor of Soil Science
38	Dr. Hasansab A. Nadaf	Assistant Professor of Entomology
39	Dr. Durga Prasad	Assistant Professor of Plant Pathology
40	Dr. Aniket Hanumat Kalhapure	Assistant Professor of Agronomy
41	Dr. Pankaj Ojha	Assistant Professor of Agricultural Extension

Faculty of College of Horticulture

S.No.	Name	Designation
1	Dr. S.V. Dwivedi	Dean, CoH and Professor of Vegetable Science
2	Dr. Ajay Kumar Singh	Associate Professor of Floriculture and Landscaping
3	Dr. Akhilesh Kumar Srivastava	Associate Professor of Fruit Science
4	Dr. Rajesh Kumar Singh	Associate Professor of Vegetable Science
5	Dr. Priya Awasthi	Associate Professor of Post Harvest Technology
6	Dr. Akhilesh Chandra Mishra	Associate Professor of Vegetable Science
7	Dr. Om Prakash	Assistant Professor of Fruit Science
8	Dr. Sunil Kumar	Assistant Professor of Vegetable Science
9	Dr. Rakesh Kumar	Assistant Professor of Floriculture and Landscaping
10	Dr. Vishal Chugh	Assistant Professor of Biochemistry
11	Er. Harshad Madhavrao Mandge	Assistant Professor of Post Harvest Technology
12	Dr. Punam Pandey	Assistant Professor of English
13	Dr. Neetu	Assistant Professor of Vegetable Science
14	Dr. Shweta Soni	Assistant Professor of Vegetable Science
15	Dr. Nidhika Thakur	Assistant Professor of Fruit Science
	Dr. Abhishek Kumar Yadav	Assistant Professor of Physical Education
16	Mr. Krishna Singh Tomar	Assistant Professor of Floriculture and Landscaping
17	Dr. Vigya Mishra	Assistant Professor of Post Harvest Technology



Faculty of College of Forestry

S.No.	Name	Designation
1	Dr. Sanjev Kumar	Associate Dean & Associate Professor of Silviculture and Agroforestry
2	Dr. Shalini Purwar	Assistant Professor of Biotechnology
3	Dr. Kaushal Singh	Assistant Professor of Silviculture and Agroforestry
4	Dr. Bhalendra Singh Rajput	Assistant Professor of Silviculture and Agroforestry
5	Dr. Mohammed Nasir	Assistant Professor of Forest Product Utilization
6	Dr. Avanish Sharma	Assistant Professor of Forest Biology and Tree Improvement
7	Dr. Poonam	Assistant Professor of Forest Biology and Tree Improvement
8	Dr. Aishwarya Maheshwari	Assistant Professor of Wild Life Sciences
9	Dr. Abhishek Kalia	Assistant Professor of Agricultural Economics
10	Dr. Dinesh Gupta	Assistant Professor of Silviculture and Agroforestry
11	Er. Sanjay Kumar	Assistant Professor of Agricultural Engineering
12	Dr. Arbind Kumar Gupta	Assistant Professor of Soil Science
13	Dr. Monica Jain	Assistant Professor of Environmental Science
14	Dr. Chandra Kant Tiwari	Assistant Professor of Forest Biology and Tree Improvement
15	Dr. Vinita Bisht	Assistant Professor of Silviculture and Agroforestry

