



BUAT NEWSLETTER

Banda University of Agriculture and Technology

Year 2019

January - March

Issue : 1

From Vice-Chancellor's Desk

Year 2019 brought new commitments and new responsibilities for us. With new hopes and enthusiasm, we welcome this new year. The University completed remarkable one decade of its foundation. Since its founding in 2010, Banda University of Agriculture & Technology, Banda is acclaimed for its outstanding contribution to teaching and service in nation building. BUAT is committed to meet the enormous expectations of society. Society wants us to nurture professionals and scholars of high credentials, who can provide better solutions to the issues. This requires excellence in trinity component of agriculture; teaching, research and extension at par with the best.

The first quarter of 2019, marked a good number of activities. For the first time, our students represented the university in All India Inter Agricultural University Sports Meet and 19th All India Inter Agricultural Universities Youth Festival organized by ICAR, New Delhi. Our PG students participated in various academic forums at

national level, including 'Agrivision', a national convention on Integrated Agriculture-Prosperous Bharat, organized at NASC Complex, New Delhi and All India Post Graduate Students' Research Convention in Soil Science held at Bihar Agricultural University, Sabour. The University is running an Experiential Learning Programme entitled "Development of Entrepreneurship Skills through Spawn and Mushroom Production" funded by ICAR for inculcating entrepreneurship skills in agriculture graduates.

A 21 days Winter School on 'Appropriate Agricultural Technologies and Extension Approaches for Doubling Farmers' Income' was organized for capacity building of scientists, faculty members and subject matter specialists of different agricultural universities. The University organized two Skill Development Programmes for farmers of Bundelkhand.

The Government of Uttar Pradesh has sanctioned an ambitious project entitled "Centre of Excellence for Dryland Agriculture" to address the problems of rainfed agriculture of Bundelkhand region. The project aims to develop drought resilient rainfed agriculture models and work for the farmers' prosperity.

I hope this bulletin will keep you update with various quarterly activities conducted at BUAT, Banda.

Wish you a happy reading.



Dr. U.S. Gautam

प्रमुख गतिविधियाँ

- कृषि महाविद्यालय की आठवीं एवं वानिकी महाविद्यालय की द्वितीय बोर्ड ऑफ स्टडीज की बैठक सम्पन्न हुई।
- विश्वविद्यालय की विद्वत परिषद की 14वीं बैठक संपन्न हुई।
- केन नदी से सम्बद्ध सिंचाई परियोजना के अन्तर्गत पाईप लाईन बिछाने एवं पम्प हाउस में विद्युत आपूर्ति हेतु उपकेन्द्र की स्थापना हो चुकी है।
- प्रसार निदेशालय के तत्वावधान में बुन्देलखण्ड में जैविक गलियारा की संकल्पना हेतु कार्यक्रम आयोजित किया गया।
- माली एवं वर्मीकम्पोस्ट उत्पादकों हेतु कौशल विकास प्रशिक्षण कार्यक्रम संपन्न हुए।
- एकीकृत कृषि-समृद्ध भारत (चतुर्थ एग्रीविजन-2019) कार्यक्रम में विश्वविद्यालय के परास्नातक छात्रों ने प्रतिभाग किया।
- कृषि एवं उद्यान महाविद्यालय में आईसीएआर-जेआरएफ परीक्षा हेतु एक प्रकोष्ठ की स्थापना की गई है।
- मैनेज हैदराबाद द्वारा प्रायोजित 21 दिवसीय प्रशिक्षण कार्यक्रम सम्पन्न हुआ।
- आईसीएआर-डीकेएमए, नई दिल्ली के तत्वावधान में एक दिवसीय सेरा कार्यशाला सम्पन्न हुई।
- विश्वविद्यालय के 9वें स्थापना सप्ताह का आयोजन सम्पन्न हुआ।
- डा. ऐश्वर्य महेश्वरी को ऑक्सफोर्ड विश्वविद्यालय द्वारा सम्मेलन में प्रतिभाग करने हेतु आमंत्रित किया गया।
- विश्वविद्यालय के छात्रों ने यूनीस्पोर्ट्स एवं यूनीफेस्ट कार्यक्रमों में प्रथम बार प्रतिभाग किया।

8th Meeting of Board of Studies, CoA

The 8th Meeting of Board of Studies, College of Agriculture was held on January 1st, 2019. Prof. G.S. Panwar, Dean, College of Agriculture was present as the chairman of the board. The board approved the terms and condition for the eligibility criteria for guiding of M.Sc. students as per recommendations. The Chairman emphasized on quality thesis work based upon the thrust areas of Bundelkhand region.

14th Meeting of Academic Council

The 14th Meeting of Academic Council was organized on February 4th, 2019 under the chairmanship of Hon'ble Vice Chancellor. The Deans, Colleges of Agriculture, Horticulture & Forestry presented the proceedings of the meeting of “Board of Studies” regarding academic activities of the 2nd semester of session 2018-19. Hon'ble Chairman emphasized to invite research scientists/faculty of ICAR organizations for discussion of post graduate research assignment and to share their laboratories. House unanimously approved the establishment of an independent and centralized Examination Cell of the University Further, cell will be responsible for conducting the examination, evaluation and result preparation. However, it may be implemented for the PG programme from coming academic session.

Ken irrigation project

Hon'ble Vice Chancellor visited the site of Ken Irrigation Project. This project was initiated to lift the water from Ken river for irrigation in the campus fields at BUAT, Banda during 2017-18 with the help of state government. Total budget of this project is Rs. 1874.86 lakh, out of which an amount of Rs. 1425 lakh has been released as the first installment. After releasing of funds, the land acquisition for head works has been completed



and laying of HDPE line for conveyance is in progress. The installation of 33/ 0.44 kV substation has been completed for supply of electricity for pump house. The construction of staff quarters, store room, fencing & hand-pump, erection of barge and installation of crab winch are completed. Earth work for slope structure including excavation and maintaining of slope is completed. Procurement of pipes for lifting on head and distribution in BUAT campus is completed.

Major activities of Directorate of Extension

Initiation of development of 'Organic Corridor'. Bundelkhand region of UP is popularly called as pulse bowl of UP. These crops are low input requiring. Considering this it is presumed that this zone is organic in nature by default. Therefore, it has been decided to harness the weakness of the area as an opportunity and proposed an area of organic corridor comprising of all seven districts of Bundelkhand. The discussion to frame the road map for this enthusiastic project was held on February 2nd, 2019 at KVK, Hamirpur under the chairmanship of Hon'ble Vice Chancellor along with prominent stakeholders.



Skill development programmes

Two skill development programmes (Gardener and Vermicompost Producer) were organized during January 1st-30th, 2019. Both of the programmes were recognized by ASCI, New Delhi. Programmes were sponsored by DASD, Calicut, Kerala. There were 28 and 26 trainees registered for skill development programmes for 'Gardener' and 'Vermicompost Producer', respectively. Among 54 participants from different regions of Bundelkhand of U.P., 8 were from general, 37 from OBC and 9 are from SC categories.



Mr. Krishna Singh Tomar, Assistant Professor (CoH) was the master trainer of gardener training programme. The prime focus of the gardener training programme was to orient the skills of landscaping under the supervision of master trainer and after acquisition of skills the learners can earn through gardening as a venture. The strict and critical evaluation of trainees was carried out in the presence of evaluator Mr. Virendra Singh Chandrawat from Trendsetters. Out of 28 registered trainees in gardener training, 25 trainees passed successfully the examination and obtained the certificates. A training kit comprised of bag, T- shirts, caps, pruning shear, hedge shear, mowers, grafting knife, secateurs and grass trimmers was also provided to each participant.

Dr. Arvind Kumar Gupta, Assistant Professor (CoF) and Dr. Deo Kumar, Assistant Professor (CoA) were the two master trainers of vermicompost producer programme. Exposure visits to KVK, Banda and Chitrakoot and a unit developed by a progressive farmer 'Shri Vigyan Shukla' at Attara were also arranged for the practical exposure to the trainees. The major achievement of this training was the establishment of eight vermicompost units by trainees at their respective farm during the course of training programme. The evaluation was carried out by Mr. Himanshu Mishra from Organic India. Certificates and training kits comprised of



bag, T- shirts, caps, waste decomposer and 2 kg vermiculture were distributed to each participant after successfully completion of training programme.

4th Agrivision 2019: Integrated Agriculture-Prosperous Bharat

The two days mega national convention entitled “4th Agrivision 2019” on Integrated Agriculture - Prosperous Bharat was organized by Vidyarthi Kalyan Nyas, Bhopal in association with Ministry of Agriculture and Farmers' Welfare and Indian Council of Agricultural Research (ICAR) at NASC complex, Pusa, New Delhi on 28-29 January, 2019. Shri Radha Mohan Singh Hon'ble Agriculture Minister, Government India was the Chief Guest of the inauguration session along with Dr. A.K. Singh, DDG (Extension) ICAR; Dr. N. S. Rathore, DDG (Education) ICAR; Dr. U. S. Gautam, VC BUAT Banda;



Prof. M. Premjit Singh, VC CAU, Imphal (Manipur); Dr K.P. Singh, VC HAU, Hisar (Haryana) and other dignitaries of ICAR. Sixty-three agriculture universities and private agriculture colleges were participated in this event. The different technical session was organised on the different aspect of the agriculture education and improvement of farmers' livelihood. This event provided good platform to the students where they can share their views directly with policy makers and scientific community. Eight post graduate students of BUAT, Banda were participated in this mega convention and presented poster on “Natural Resource Conservation and Management for Improvement in Agriculture of Bundelkhand Region”. Hon'ble Vice Chancellor, BUAT, chaired one technical session, where he shared his valuable insights, major highlights of his speech were the conservation of natural resources particularly water and soil, integrated farming system model for betterment of farming community and decreasing trend of organic carbon particularly in Uttar Pradesh, which is one of the

major hindrances for wide spread adoption organic farming.

ICAR-JRF Preparation Cell

Under the chairmanship of Hon.ble Vice Chancellor, ICAR- JRF Preparation cell has been constituted in the Colleges of Agriculture and Horticulture to facilitate students for preparation of examination. The cell is active since January, 2019 under the Co-ordinatorship of Dr. Amit Kumar Singh, Assistant Professor (Agronomy) in CoA and Dr. A K Srivastava (Head, Department of Fruit Science) in CoH and Co-ordinators Dr. Vijay Sharma, Assistant Professor (Genetics & Plant Breeding) in CoA and Dr. Om Prakash, Assistant Professor (Fruit Science) in CoH. Cell contains subject wise core instructors from different disciplines. A total of 45 students joined ICAR-JRF Cell this year. Classes are being organized as per JRF syllabus. Mock tests are being organized at every 15 days for assessment of students. Cell has been provided with separate library facility, discipline wise competitive books, reference books, journals, magazines etc.



Winter School on “Appropriate Agricultural Technologies and Extension Approaches for Doubling Farmers' Income”

The MANAGE sponsored winter school on “Appropriate Agricultural Technologies and Extension Approaches for Doubling Farmers' Income” started on 05th February and completed on 25th February, 2019. Dr. R. Saravanan (Director, Agricultural Extension, MANAGE, Hyderabad) interacted with all the participants, faculties and students. To seek upon all the possible ways for doubling the farmers' income through ICT and other important tools, this winter school was held. Various strategic issues for betterment of farming community were discussed. There were 25 trainees in winter school, majority (19) of them were from KVKs



and six were Assistant Professors from BUAT, Banda and other institutions. Among 25 participants, one fellow was from Arunachal Pradesh. Total 56 lectures were delivered by 42 invited speakers from various ICAR institutes viz., IARI, IIPR, IGFRI, CSSRI, CAFRI, IIFSR, IISR, CISH, ATARI, DKMA and other universities viz., GBPUAT, Pantnagar; IGKVV, Raipur; BHU, Varanasi; RLBCAU, Jhansi; MGCGVV, Chitrakoot; BUAT, Banda and from CSIR-CIMAP, Lucknow. In addition to Dr. R. Saravanan, Dr. S. Rajan (Director, CISH, Lucknow), Dr. V.V. Sadamate (Agriculture Extension Expert and Former Advisor, Planning commission), Dr. B. Gangwar (Former Director, IIFSR, Meerut and Director, IAS, Bundelkhand University, Jhansi), Dr. B. Jirli (BHU), Dr. S.K. Singh (DKMA, New Delhi) an other eminent personalities contributed their opinion in their respective themes.

CeRA Workshop

One day CeRA (Consortium for e-Resources in Agriculture) workshop was organized at Banda University of Agriculture and Technology, Banda by the University Library in collaboration with Directorate of Knowledge Management in Agriculture (DKMA), ICAR, New Delhi on 26th February, 2019. Mr. S.K. Joshi (CeRA Incharge and Business Manager, DKMA) introduced vision, objectives, functions and other



dimensions of CeRA. Mrs. Mitali Roy Ghosh (Social media expert) stated all the basic ideas about professional social media accounts. Mrs. Aruna T. Kumar (English Language Editor, DKMA) delivered lecture on effective writing of Research Paper/Article for journals and popular magazines (English) and Mrs. Ashok Singh (Hindi Language Editor, DKMA) delivered lecture on effective writing of Research Paper/Article for journals and popular magazines (Hindi). All the faculty members and PG students had participated in this workshop.

University Foundation Week - 2019

University Foundation Week was organized during March 2nd-7th, 2019. During this event various sports (athletic, indoor and other games), cultural (light vocal song, folk song, folk dance, skit etc.), literary (debate, quiz, elocution, extempore and Hindi poetry recitation) and fine arts (poster making, cartoon making, on the spot painting and Rangoli) competitions were conducted. Shri Ranvendra Pratap Singh, Hon'ble Minister of State for Agriculture Education and Research, Govt. of Uttar Pradesh graced the occasion as chief guest and inaugurated the event on 3rd March, 2019. Dr. U. S. Gautam, Hon'ble VC BUAT, Banda presided over the inaugural function. Many dignitaries including Shri Shyam Bihari Gupta, Founder & Director, Kamdhenu Samvardhan evam Anushandhan Kendra Jhansi delivered a lecture on cow rearing and earning the income through various cow products. Shri Bharon Prasad Mishra, Hon'ble MP (Lok Sabha), Banda Chitrakoot and Shri Lavlesh Singh addressed the students on 5th March 2019. Dr. Milkha Singh Aulakh, Ex-VC, BUAT, Banda addressed the students and staff on 6th March, 2019. The closing ceremony of the programme was graced by Dr C. Prasad, Ex-Dy. Director



General (Agri. Extension), ICAR on 7th March, 2019. The medals and certificates were distributed to all the winner students.

Milestones at the International Level

Dr. Aishwarya Maheshwari, Assistant Professor, Wildlife Sciences was invited at Conservation Geopolitics Forum, University of Oxford, UK (18 to 22 March, 2019). Dr. Maheshwari represented the Banda University of Agriculture and Technology, Banda in the wildlife research and conservation field. He showcased his case studies on snow leopards from the Indian Himalayan region and global dataset on the species.

STUDENTS' CORNER

Participation of University Sports Team in All India Inter Agricultural Universities Sports and Games Meet

First time University sports team; consisting of 23 students' athlete along with team manager and team coach participated in 19th All India Inter Agricultural Universities Sports and Games Meet (Agri-UniSports) held at Punjab Agricultural University, Ludhiana during 2-5 January, 2019.



University Cultural Team Participated in AgriUNIFEST 2019

First time University Team consisting of 21 students have participated in the 19th All India Inter Agricultural Universities Youth Festival (Agri-Unifest) held at Sardarkrushinagar Dantiwada Agricultural University, Gujarat during 3-7 February, 2019.

Faculties Participated in Capacity Development Programme

S.No.	Name & Designation	Nature of programme	Date	Venue	Name of the Programme
College of Agriculture					
1	Dr. Aniket Hanumant Kalhapure Assistant Professor	Winter School	January 03 to 23, 2019	CIAE, Bhopal	Recent Advances in Micro-Irrigation and Fertigation Systems for Improved Input Use Efficiency of Open and Covered Cultivation through Engineering Interventions
2	Dr. Gaurav Shukla Assistant Professor	Winter School	January 10-30, 2019	IASRI, New Delhi	Winter School on Recent Advances in Statistical Technique for data analysis in agriculture.
3	Dr. M.K. Mishra Assistant Professor	Convention	January 28-29, 2019	New Delhi	National Convention on Integrated Agriculture- Prosperous Bharat (Agri-Vision, 2019)
4	Dr. Amit Mishra Assistant Professor	Poster presentation	January, 28-29, 2019	NASC, Pusa, New Delhi	4 th Agrivision 2019, National Convention on integrate agriculture prospers Bharat
5	Dr. G.S. Panwar Professor	43 rd VC Convention	February, 2-5, 2019	PAU, Ludhiana	Artificial Intelligence for Smart Agriculture
6	Dr. Umesh Chandra Assistant Professor	43 rd VC Convention	February, 2-5, 2019	PAU, Ludhiana	Artificial Intelligence for Smart Agriculture
7	Dr. Amit Kumar Singh Assistant Professor	Winter School	February, 5-25, 2019	BUAT, Banda	MANAGE-BUAT collaborative winter school on 'Appropriate agricultural technologies and extension approaches for doubling farmers' income'
8	Dr. Dheeraj Mishra Assistant Professor	Agri UNIFEST	February 3-7, 2019	SKDAU, Sardarkrushinagar, Dantiwada, Gujarat	19 th All India Inter Agricultural Universities Youth Festival
9	Dr. Umesh Chandra Assistant Professor	Conference	February 8-9, 2019	KNIT, Sultanpur	2 nd International Conference on Advance Computing and Software Engineering (ICACSE-2019)
10	Dr. A.K. Tripathi Associate Professor	International Conference	February 16-19, 2019	IISR, Kanpur	Sugarcon-2019
11	Dr. M.K. Mishra Assistant Professor	Conference	February 22-23, 2019	Ajmer (Rajasthan)	National Conference on Sustainable Agricultural & Recent Trend in Science and technology (NCSARTST-2019)
12	Umesh Chandra Assistant Professor	Conference	February, 22-23, 2019	ABES, Ghaziabad	5 th International Conference on Computational Intelligence and Communication Technology (CICT 2019, Springer)
13	Umesh Chandra Assistant Professor	Conference	February, 25-26, 2019	DBIT, Dehradun	National Conference on Recent Trends in Computational Intelligence and Communication Technology
14	Dr. Pankaj Kumar Ojha Assistant Professor	Workshop	February 26, 2019	BUAT, Banda	One Day Workshop on Consortium for e-Resources in Agriculture
15	Dr. Gaurav Shukla Assistant Professor	Workshop	February 26, 2019	BUAT, Banda	One Day Workshop on Consortium for e-Resources in Agriculture
16	Dr. Dheeraj Mishra Assistant Professor	Workshop	February 26, 2019	BUAT, Banda	One Day Workshop on Consortium for e-Resources in Agriculture
17	Dr. B.K. Gupta Assistant Professor	Workshop	February 26, 2019	BUAT, Banda	One Day Workshop on Consortium for e-Resources in Agriculture
18	Umesh Chandra Assistant Professor	Workshop	February 26, 2019	BUAT, Banda	One Day Workshop on Consortium for e-Resources in Agriculture
19	Dr. Gaurav Shukla Assistant Professor	Conference	March, 1-2, 2019	Invertis University, Bareilly	3 rd International Conference on Recent Advances in Science.

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S.No.	Name & Designation	Nature of programme	Date	Venue	Name of the Programme
College of Horticulture					
20	Dr. Sunil Kumar Assistant Professor	Vegetable Science Congress	February 1-3, 2019	Agriculture university Jodhpur, Rajasthan	1 st Vegetable Science Congress on emerging Challenges in Vegetable research and education (VEGCON-2019)
21	Mr. Krishna Singh Tomar Assistant Professor	MANAGE Sponsored Winter School	February 5-25, 2019	BUAT, Banda	Appropriate Agricultural Technologies and Extension Approaches for DFI
22	Dr. Rajesh Kumar Singh Associate Professor	International conference	February 9-12, 2019	Pune	International Symposium on Edible Alliums: Challenges and Opportunities Pune, Maharashtra
23	Dr. A.C. Mishra Associate Professor	National Conference	February 16-17, 2019	UTI, Dehradun	Climate Change: Plants, People and Planet
24	Dr. Rajesh Kumar Singh Associate Professor	Conference	March 23-24, 2019	University of Madras, Chennai	International Society of Noni Science (ISNS) at University of Madras, Guindy Campus Chennai.
College of Forestry					
25	Dr. Shalini Purwar Assistant Professor	Winter School	December 17, 2018 - January 01, 2019	Allahabad University, UP	A workshop of Hands on techniques used in biotechnology
26	Dr. Kaushal Singh Assistant Professor	Workshop	December 14-21, 2018	NBRI, Lucknow	Classical and Modern Methods in plant taxonomy and biosystematics
27	Dr. Bhalendra Singh Rajput, Dr. Dinesh Gupta, Dr. Monika Jain & Dr. Vinita Bisht Assistant Professors	Training Programme	December 18-19, 2018	BUAT, Banda	MIDH- Regional Workshop on Harnessing the Potential of Spice Cultivation in Bundelkhand
28	Dr. Monika Jain Assistant Professor	Workshop	February 11-15, 2019	IIFM, Bhopal	Environmental Leadership
29	Dr. Bhalendra Singh Rajput & Dr. A K Gupta Assistant Professors	MANAGE Sponsored Winter School	February 05- 25, 2019	BUAT, Banda	Appropriate Agricultural Technologies and Extension Approaches for DFI

AWARDS

Sl. No.	Name of Award	Awarding Agency	Name of awardee	Year
1	Excellence in Research Award	JNKVV, CoA Tikamgarh, Madhya Pradesh and MPCST, Bhopal, MP.	Dr. R.K. Singh	2019
2	Excellence in Agricultural research & Extension Award	Association of Plant Researchers Association, Dehradun	Dr. A.C. Mishra	2019
3	Distinguished Service Award	Society of Biological Sciences and Rural Development, Prayagraj	Dr. A.C. Mishra	2019
4	Fellowship Award	International Society of Noni Science	Dr. R. K. Singh	2019
5	Young Scientist Award	Hi-Tech Horticulture Society, Meerut	Dr. Ajay Kumar Singh	2019
6	Fellowship Award	International Society of Noni Science	Dr. A. K. Srivastava	2019



Celebration of important events

National Youth Day on the occasion of birth anniversary of Swami Vivekananda	12 th January, 2019
Birth anniversary of Shri Karpuri Thakur	24 th January, 2019
National Voter's Day (Dr. U S Gautam, Hon'ble Vice Chancellor BUAT Banda administered the voter's pledge to all the faculty, staff and students)	25 th January, 2019
70 th Republic Day	26 th January, 2019
Sant Ravidas Jayanti	19 th February, 2019



Patron

Dr. U. S. Gautam, Vice Chancellor

Compiled and Edited by

Dr. Rakesh Pandey, Associate Professor
Dr. Dheeraj Mishra, Assistant Professor
Dr. Akhilesh Kumar Singh, Assistant Professor
Dr. Aishwarya Maheshwari, Assistant Professor
Dr. Amit Mishra, Assistant Professor
Dr. Rakesh Kumar, Assistant Professor

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Banda University of Agriculture & Technology
Mawai Buzurg, Banda-210 001, U.P. (India)
Phone/Fax: 05192-232305, 232312
E-mail: vc.buat@gmail.com
website: www.buat.edu.in