

Happening at BAU

Issue 219

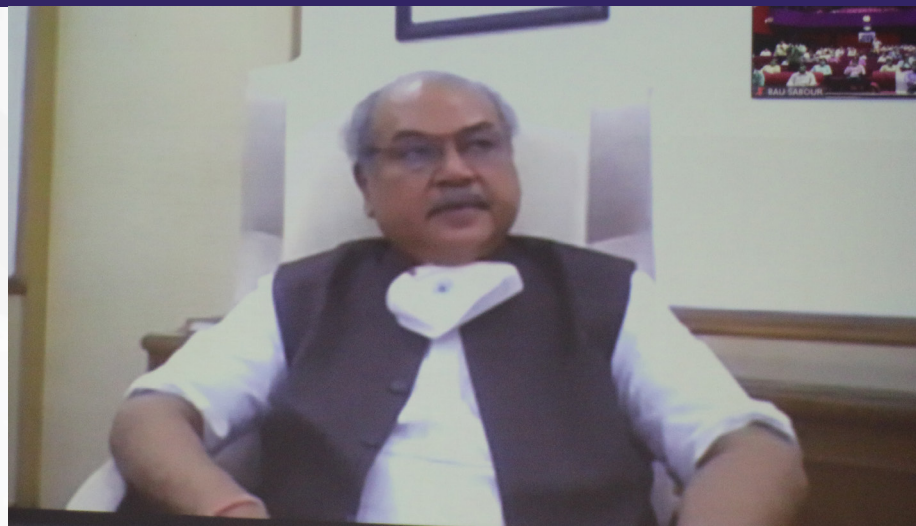


September, 2020

From the Desk of the Vice-Chancellor



Holistic development of farming community is the outcome of pragmatic extrapolation of teaching, research, extension and training by the agricultural university. Bihar Agricultural University, Sabour is committed for these, since its establishment. The newly constructed international hostel of Bihar Agricultural University, Sabour was inaugurated on September 18th by Shri Narendra Singh Tomar, Hon'ble Union Minister for Agriculture and Farmers' Welfare. Teachers' Day was celebrated at the University and its constituent colleges virtually. International Webinars on 'Women in Science and Their Role in Sculpting Modern Agriculture'; International Web Conference on 'Advances in Integrated Aquafarming for Sustainable Rural Development' and National Webinar on 'Cultivation of Medicinal and Aromatic Plants: An Innovative Effort towards Sustainable Development' were organized. I call upon all the teachers, scientists, students and staff of the University to put upon their endeavour, dedication and support for accelerated development of the university.



Dear Friends,

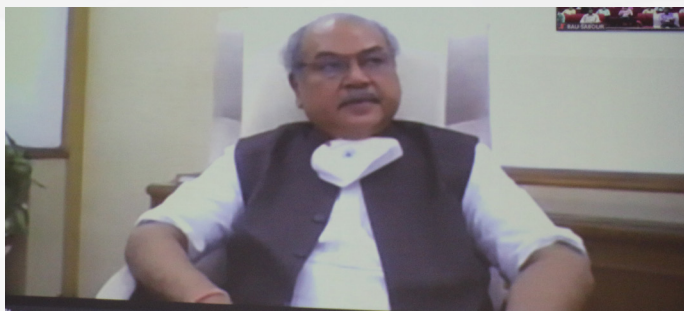
We are presenting before you the two hundred and nineteenth issue of the Newsletter. This issue consists of information on Research, Education, Extension and Training program conducted and organized by the University during the month. This newsletter is the medium to reflect our hard work in the field of research and other activities. Kindly share important investigation and observations for making Happening at BAU more meaningful and popular among subscribers. Your inputs for the newsletter must reach us at least one day in advance to the date of issue. You may also like to circulate it to other colleagues and provide their email ids, so that they may get the Happening at BAU in time.

-Team Happening

Focus of the University

- Union Minister Inaugurated the BAU International Hostel
- Central Agriculture Minister Released BAU Krishi Udyamita-Ek Jhalak
- Teachers' Day Celebrated
- Webinars Organised on Different Topics

Union Minister Inaugurates the BAU International Hostel



The newly constructed international hostel of Bihar Agriculture University, Sabour was inaugurated on September 18th by Shri Narendra Singh Tomar, Hon'ble Union Minister for Agriculture and Farmers' Welfare. The state-of-the-art hostel has all modern facilities. Addressing the function virtually the Union Minister said one country one market concept will benefit farmers. At national level he informed 10000 farmers' producer companies would be established. With establishment of farmers' producer companies, quality inputs would be easily available to farmers besides they would be able to get proper market price of their produce, minister added. The small and medium farmers would be benefited by new farm bills passed by Lok Sabha. The Union Minister further added the new bills will bring prosperity for farmers in general. Under the able leadership of the Hon'ble Prime Minister many new beginnings have been made in field of agriculture, he added.

The Union Minister said that, in Bihar, under the leadership of Hon'ble Chief Minister – Shri Nitish Kumar there has been satisfactory implementation of government of India programmes related to agriculture. Shri Tomar applauds BAU Sabour by making refer the vision of the PM; the concerning improvement of system efficiency through e-governance and digitization, and other commendable job in this direction are attained by the university. Laying stress, it is responsibility of all concerned to ensure benefits of new schemes aimed at development of farmers reach the targeted group. He felt BAU is also doing good work in this direction. He expressed that in difficult time of pandemic, the BAU initiatives to reach farmers with all necessary information using ICT tools such as community radio, video conferencing and uploading technical films in social media platforms deserves appreciation. The agriculture minister was all praise for BAU for being able to create mark for itself within short period of establishment.

The Union Minister of State for Agriculture and Farmers' Welfare, Shri Kailash Chowdhury, said that by 2022,

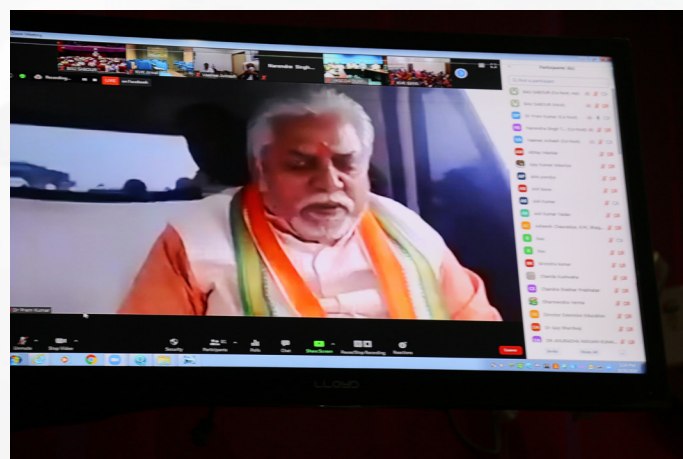
the government intends to double income of farmers. He emphasized there is need of motivating farmers for entrepreneurship in order to make agriculture profitable occupation. Dr Prem Kumar, Minister of Agriculture of Bihar was also present on the occasion. He counted a number of achievements of BAU and marked that the university initiative of reaching quality seeds and planting materials to farmers in particular deserves high appreciation.



Earlier, in his welcome address, Dr Ajoy Kumar Singh, the Hon'ble Vice-Chancellor, BAU, said efforts aimed at facilitating marketing and value addition of Jardalu variety of mango, Katarni rice, Maghi pan and Makhana is underway.

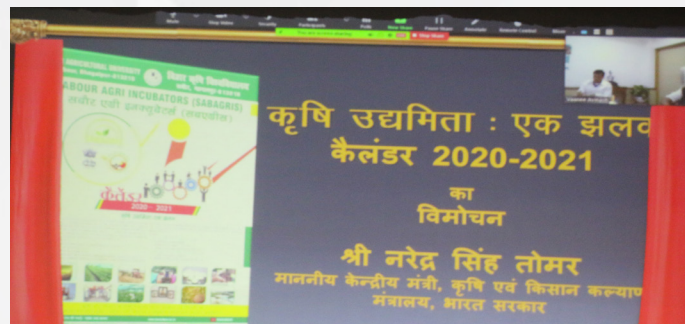
Informing university efforts have helped secure GI tag for Jardalu, Katarni rice and Maghi pan he added various measures are being taken to ensure the exclusive produce of state could be popularized both in domestic market as well as markets abroad. The VC in his address mentioned about steps being taken by university for entrepreneurship development among youths.

The foundation of BAU skill development centre was also laid on the occasion by union agriculture minister. Dr R K Sohane, Director (extension) proposed vote of thanks. Dr Trilochan Mahapatra and Dr RC Aggarwal respectively director and deputy director of ICAR were among participants in inaugural function.



Central Agriculture Minister Released BAU Krishi Udyamita-Ek Jhalak

The BAU Sabour Calendar (2020-21) entitled “KRISHI UDYAMITA-EK JHALAK (July 2020 to June 2021)” was published under the SABAGRIS (SABOUR AGRI INCUBATORS), a R-ABI Project sponsored by Ministry of Agriculture and Farmers Welfare, GoI, New Delhi. The calendar was unfolded by Shri Narendra Singh Tomar, Hon'ble Central Agriculture and Farmers Welfare-cum-Rural Development-cum-Panchayati Raj Minister, Govt. of India, New Delhi on September 18th 2020. Dr Prem Kumar, Hon'ble Agriculture Minister, GoB, Patna presided the programme and Sri Kailash Chaudhary, Hon'ble Minister of State, Ministry of Agriculture and Farmers Welfare, GoI, New Delhi was the Special Guest. Dr AK Singh, Hon'ble



Vice-Chancellor, welcomed the Guests while vote of thanks was delivered by Dr RK Sohane, Director Extension Education, BAU Sabour. The programme was attended by Deans, Directors, teachers, officers and staff members of the university. The programme was organised through Virtual Mode.



Teachers' Day Celebration

The Teachers' Day programme was organized at University and its constituent colleges. The programme was started with garlanding the photographs of Dr Sarvepalli Radhakrishnan. The day is celebrated across the country as birth anniversary of India's second President Dr Radhakrishnan (1962-1967). Dr Radhakrishnan was born on September 5th 1888 to a Telugu Brahmin family in Tiruttani in Tamil Nadu. He received his primary education at Tiruttani Primary School and then moved to the Hermannsburg Evangelical Lutheran Missionary School in Tirupati. In 1906 Dr Radhakrishnan graduated with a Master's Degree in Philosophy from the Madras Christian College. In 1909 he was appointed at the Department of Philosophy at the Madras Presidency College. Following that, in 1918, he was offered the position of Professor of Philosophy by the University of Mysore. In the meanwhile, Dr Radhakrishnan was writing articles for prestigious journals such as; The Quest, Journal of Philosophy and the International Journal of Ethics. It was started celebrating 5th of September as Teacher's Day since 1962 in India.



On this day, a plantation drive also conducted and planted several trees in the BPSAC campus in collaboration with Navodaya Alumni Association, Purnea. A token gift to a film actor, Ravi Sah, was given by the Principal. The native place of Sri Ravi Sah is Kasba, Purnea. Ravi distributed mask and sanitizer for prevention of COVID-19 effect to all staff of BPSAC Purnea. Besides these, all teaching and non-teaching staff of the college actively participated and students participated in virtual mode. The programme was hosted by Dr Anil Kumar and vote-of-thanks was extended to participants by Dr Pankaj Kumar Yadav, O/I of NSS, BPSAC Purnea.

International Webinar on 'Women in Science and their Role in Sculpting Modern Agriculture'

To show the strength of women in agriculture community, Bihar Agriculture University, Sabour in collaboration with International Maize and Wheat Improvement Centre (CIMMYT), Mexico hosted an International Webinar on 'Women in Science and Their Role in Sculpting Modern Agriculture'. The event was organised to connect women in agriculture through a dynamic new online experience on the occasion of "Women's Equality Day" August 26th 2020. The webinar was organised under the leadership of Hon'ble Vice-Chancellor, the convenor Dr RK Sohane (DEE) and the co-convenor Dr RR Singh, (Dean Ag) of the webinar. Dr Rafat Sultana, Dr Sareeta Nahakpam, and Dr ML Jat (CIMMYT) were the organizing secretaries.

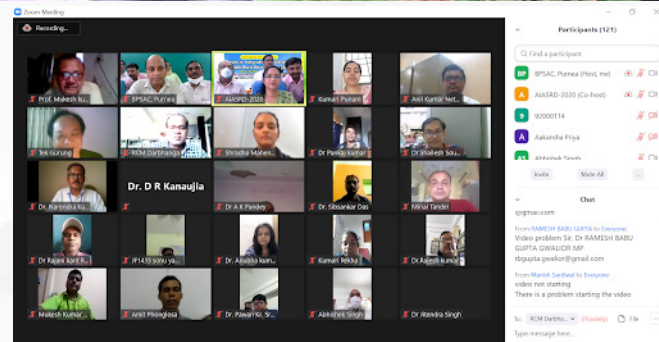
There were 8 lectures given by diverse speakers from different field of sciences. The speakers were Dr Uma J Lele, International Association of Agricultural Economists, USA; Dr Hom Gartaula, CIMMYT Mexico;



Dr Isabel Vales, Texas USA; Dr Pooja Bhatnagar-Mathur, ICRISAT India; Dr Lipi Das, Bhubaneswar India; Dr Mamta Sharma, ICRISAT India; Dr Usha Barwale Zehr, MAHYCO India; Dr Nidhi Verma, ICAR New Delhi. Through this webinar, it was tried to bring all the different scientists working at different disciplines together to highlight the importance of women in shaping modern and sustainable agriculture in the backdrop of changing climate scenario and diminishing food security.

International Web Conference on "Advances in Integrated Aquafarming for Sustainable Rural Development"

International Web Conference on Advances in Integrated Aquafarming for Sustainable Rural Development (AIASRD-2020) was organized during September 29th & 30th 2020 at BPSAC Purnea. The lectures were delivered by Prof (Dr) AP Sharma, Former Director, ICAR-CIFRI, Barrackpore; Prof (Dr) BN Pandey, Former Dean-Faculty of Science, MU Bodh Gaya; Dr DR Kanaujia, Formerly in Prawn Culture Unit, ICAR-CIFA, Bhubaneswar; Dr AK Pandey, formerly ICAR-NBFGR, Lucknow; Prof (Dr) PK Pandey, CAU, Tripura; Prof (Dr) Ram Kumar, CUSB, Gaya; Dr IS Singh, ICAR-RCM, Darbhanga; Dr Shailesh Saurabh, ICAR-CIFA, Bhubaneswar; Prof (Dr) Radha Choubey, BHU Varanasi; Dr Rajesh Kumar, ICAR-CIFA, Bhubaneswar; Prof (Dr) Binay Kumar Chakraborty, Dhaka University, Bangladesh; Prof (Dr) Dilip Kumar Jha; Dr Tek Bahadur Gurung, Ex-Executive Director, Nepal Council of Agricultural Research, Kathmandu, Nepal; Dr AK Singh, Faculty of Veterinary Science, Birsa Agricultural University, Ranchi; Prof (Dr) Mukesh Singh, Agriculture and Forestry University, Rampur, Chitwan, Nepal; Dr Anil Kumar, Makhana Research Project, BPSAC Purnea. In his conclusive remarks, Associate Dean-cum-Principal, BPSAC Purnea and convenor of this web conference presented in brief about research and development conducted by BPSAC Purnea. The Organizing



Secretary namely, Dr Anil Kumar, & Dr Tapan Gorai, the Joint Organizing Secretary namely Dr PK Yadav and Dr Ravi Kesari, were actively associated with this webinar. The programme was hosted by Dr Ruby Saha and vote-of-thanks was extended to participants by Dr Ravi Kesari.

National Webinar on Cultivation of Medicinal and Aromatic Plants: An Innovative Effort towards Sustainable Development

One day national webinar was organized on Cultivation of Medicinal and Aromatic Plants: An Innovative Effort towards Sustainable Development at Mandan Bharti Agriculture College, Agwanpur, Saharsa on September 1st 2020. This outstanding event brought together several experts, researchers, academicians, farmers and students across the globe to exchange their, experience, knowledge, research innovations on online platform. The Hon'ble Vice-Chancellor, Bihar Agricultural University, Sabour inaugurated the programme. The Associate Dean-cum-Principal, MBAC, Agwanpur (Saharsa) welcomed the participants and offered felicitation speech. Dr Mrinalini Kumari, Organizing Secretary briefed about the webinar. The speakers were Dr NK Dubey, BHU Varanasi; Dr Sanjay Kumar,



CIMAP Lucknow; Dr SK Tewari, NBRI Lucknow; Dr Ajay Arora, ICAR-IARI, New Delhi; Dr AK Trivedi, ICAR-CISH Rehmankhhera, Lucknow; and Dr Poonam Singh, BHU Varanasi. The webinar was concluded with the vote-of-thanks extended by Dr Mukul Kumar, the Joint-Organizing Secretary.

BPSAC, Purnea Celebrated Jayanti Programme of Bhola Paswan Shastri, Former CM of Bihar

Bhola Paswan Shastri Agricultural College, Purnea celebrated Jayanti programme of Bhola Paswan Shastri, Former Chief Minister of Bihar on September 21st 2020. The programme was organised by the NSS and NCC units of the college. The programme was started with garlanding of statue of the former CM. On this occasion, Dr Paras Nath, Associate Dean-cum-Principal, BPSAC Purnea spoke before the gathering of staff members and narrated about life of Bhola Paswan Shastri and his contribution as Chief Minister

of the state. Dr Nath also told on B.P. Shastri Ji great role as freedom fighter and social work. In memory of late BP Shastri Ji, Hon'ble Chief Minister of Bihar, Shri Nitish Kumar established this college in his name. Late Shastri Ji was also the Chairman of Scheduled Castes and Scheduled Tribes Commission, Government of India and was also a member of the Rajya Sabha. Vote of thanks was extended by Dr Ravi Kesari, Asstt. Prof.-cum-Jr. Scientist of the college.



Biotech KISAN HUB Project Organised Online Goat Farming Training

BAU Sabour & DBT Biotech KISAN Hub conducted three days state level online training programme on Goat Farming on September 14 -16, 2020. Training was mainly organised for the farmers and Project staff of Biotech KISAN Hub Project. Farmers from three Aspirational districts - Aurangabad, Araria & Banka of Bihar under Biotech KISAN Hub Projects participated in this important training programme. More than two hundred farmers from these Aspirational districts participated this online training programme enthusiastically. The scientists delivered lectures on Economic feeding of goat and Marketing strategies for goat; Management of goat under natural calamities and Housing and Health Management of Goat; Low cost management of goat and some other important topics. Dr Dharmendra Kumar, Dr. Amit Kumar, Dr Rajesh Kumar, Dr Alok Bharti and Dr Ratnesh Chaudhari scientists of the university delivered



the lectures. The farmers were quite satisfied with the training. Dr RK Sohane, DEE-cum-Hub Facilitator told that this training could quite helpful for the farmers and farmers could interact with the scientists through the social medias (Whatsapp,facebook) created in this project. The training organiser was Dr CK Panda, PI Biotech KISAN Hub Project.

National Service Scheme Day Celebrated at BPSAC Purnea

A celebration on the NSS Day was observed in BPSAC Purnea that was organised by the NSS unit of the college. On this day, the welcome address was given by Dr Ravi Kesari. By virtual mode, Dr Pankaj Kumar Yadav, the O/I, NSS, BPSAC Purnea presented the annual progress report of the NSS activities. He said that the NSS unit of the college organized more than sixty programmes and event for overall personality development of students as well as instruction of BAU and Government of India. Some important programmes like plantation drive, voluntary blood donation camp, cashless awareness programme, Ek Bharat Srestha Bharat, Unnat Bhart Abhiyan, Swachha Bharat Abhiyan, Jal Jiwan Hariyali and regular cleanliness of college campus. The efforts of the NSS volunteers have been widely acclaimed by the community, universities, colleges and the general public as the NSS volunteers have been rendering selfless service to the community. He has also discussed the main objective and motto of NSS "Not Me But You", reflects the essence of democratic living and upholds the need for self-less service.

On September 24th 1969, the then Union Education Minister Dr VKRV Rao, launched the NSS programme in 37 universities covering all States and simultaneously requested the Chief Ministers of States for their



cooperation and help. It was appropriate that the programme was started during the Gandhi Centenary Year. The NSS students have also done useful work in organising campaigns for eradication of social evils, and popularization of the nationally accepted objectives like nationalism, democracy, secularism, social harmony and development of scientific temper. On this day, free health check-up camp also organized in collaboration with Urban City Hospital, Purnea. In the event, Dr Prem Kumar, Honourable Agriculture Minister, Government of Bihar virtually interacted with scientists of the college. In this programme, all teaching and non-teaching staff of BPSAC Purnea actively participated. Besides these, Dr Pankaj Kumar Yadav and NSS volunteers also participated in the NSS Day celebration programme. Vote-of-thanks was extended to the participants by Dr Ravi Keasri.

Research Summary

A manuscript authored by Dr Tushar Ranjan, Dr Ravi Ranjan Kumar and Dr Md Ansar entitled "First report on molecular basis of potato leaf roll virus (PLRV) aggravation by combined effect of tuber and prevailing aphid" has been accepted for publication in BMC Research. The Potato Leaf Roll Virus (PLRV) is one of the most devastating viruses causing severe yield losses worldwide in potato. The comprehensive observations were made to study the PLRV infestation in major potato growing areas of Bihar (India) and further detailed molecular basis of PLRV aggravation was established. For the first time, the authors have proposed molecular basis of aggravation of PLRV, where tuber acts as a reservoir during off-season and further transmitted by aphids.

Upcoming Events

The 20th RCM (Rabi-2020) will be organized during October 16th-17th 2020.

The 19th Extension Council Meeting through virtual mode on October 19th 2020.

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