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Vice Chancellor's Desk



I am pleased to present you the newsletter for January to June 2020. This year started well but soon the news of viral infection due to corona started coming in from China and as fears were expressed it spread globally in the form of a pandemic. The virus was later named as COVID-19. All the countries were caught unprepared for the situation and had to take unprecedented measures to stop the infection from spreading to the masses. Lockdown, quarantine, contact tracing and preventive measures like wearing mask, hand sanitization, and social distancing soon became part of the new normal. This has been the toughest time for mankind in my lifetime. The students were asked to go to the safety of their homes and university campus was almost deserted with bare minimum staff to run the essential services. Our university prepared itself to switch over to virtual mode of teaching by orienting the students and faculty to learn the nitty gritty of interactive video platforms for effective conduct of virtual classes, provide quality study material (Presentations, Lecture Notes, MOOCS, Virtual Laboratory Exercises, etc.) for the students and give assignments, quizzes and conduct examinations. The online lectures were recorded and regularly uploaded on the YouTube channel of our University. Some of these lectures attracted students and visitors from other countries as well and were big hits. More than 1k lectures of classes are uploaded in YouTube channel of the university. We also completed the semester successfully and conducted online examination and declared the results. As the pandemic continued posing the serious threat the next semester was also planned to be conducted in the virtual mode.

Before lock down we organized many seminars and workshops for students and faculty. Apart from the Annual Dog Show we also took a new initiative to organize the very first Cat Show on our campus. I am happy to share that we received a big response from cat lovers of Patna. The success of the Cat Show strengthened our belief that we need to reach out to the cat owners, create more awareness about cat health and management of cats as household pets. The Dog Show also marked the increasing popularity of the event.

Our students, staff and faculty joined for the human chain to mark the "Jal-Jeevan-Haryali" Event of the state government. Many programs were successfully organized under the ICAR-National Agricultural Higher Education Project. Internship of BVSc & AH final year students was continued by attaching them with different veterinary hospitals in the vicinity of the home towns of students. I compliment the organizing teams of these events for their grand success.

Meanwhile, construction of two new buildings, i.e. Academic Building and Library Building was completed. These buildings were formally inaugurated by the Hon'ble Minister for Agriculture; and Animal and Fisheries Resources, Dr. Prem Kumar in presence of Secretary, Dept. of Animal & Fisheries Resources Dr. Saravana Kumar. We also organized the "First Animal Husbandry Officers Workshop" which witnessed participation by 130 field veterinary officers from the state. During the lockdown period our scientists provided the health services and treatment at Veterinary Clinical Complex. The operations at livestock farm and fodder farm were also continued by our faculty and staff without any compromise. World Environment Day was celebrated in the campuses of all the constituent colleges. I complement all the officers and staff of Vet Clinics and Livestock Farm for their exemplary devotion to duty and hard work during the lockdown. I also appreciate and thank the university employees for donating contributed a day's salary to CM's Relief Fund.

The University also helped the state government in controlling and monitoring Bird Flu and swine fever in the state where some incidences of these diseases were reported. Our University and Krishi Vigyan Kendra (KVK, Jamui) developed mechanism for online interaction and training of farmers, youth and entrepreneurs. The KVK also conducted offline trainings and demonstrations using necessary precautions. We jointly organized entrepreneurship development programs with Bihar Vidyapeeth for fisheries and goat farming. We also facilitated entrepreneurs to promote backyard farming and initiated field work under ICAR funded (National Agricultural Science Fund) research project on low cost interventions in livestock and Poultry for resource poor farmers.

We continued our virtual teaching and the teachers connected very well with the students to learn about their concerns and addressed them promptly. We thank the government and office of Honourable Chancellor for the support and guidance during this difficult period. I appeal to all students, staff and faculty to be watchful, follow all safety norms and stay healthy and active as the danger from the Covid-19 is still very much around us.



Dr. Rameshwar Singh



Two Days workshop on "Use of Digital Tools for Teaching and Research"

A two-days workshop on the use of digital tools (photography and videography) in teaching and research was organized by the University under ICAR-NAHEP (IG) Project at Bihar Veterinary College Campus on 9th and 10th of January 2020. In this two-day workshop, the expert, Dr. Sushil Kumar, former Director of Journalism and Mass Communication Department, Ranchi University taught veterinary students, doctors, faculties and non-teaching staffs the basics of digital tools and use of photography and videography and its scope in academic and research related work. Dr. Ankan stated that the entire world system, be it the banking system, astrological system, judicial system or the field of agriculture and

animal husbandry, in every field photography and visual presentation plays a very crucial role.

Vice Chancellor Dr. Rameshwar Singh said that it is not only important for everyone to have knowledge of every field but also incorporating that art in their life. It increases one's self-confidence and encourages to live life in a learned and energetic way. The Vice-Chancellor further stated that in a photo there are many hidden messages and just from the scene you can visualize the whole story, this art is called photography.



Workshop on Development of Soft Skills for Entrepreneurship among Agri Graduates

Bihar Animal Sciences University, Patna organized a one-day Workshop on "Development of Soft Skills for Entrepreneurship among Agri Graduates" in collaboration with National Academy of Agricultural Research Management under the banner of National Agricultural Higher Project on February 24, 2020. The guest for the event, Mr Kaushalendra, Managing and Founder Director, Kaushlya Foundation quoted "Entrepreneurship has become one of the core issues, which has been identified as a tool to bring in desirable economic and social changes in the society. Mere hard skills are not enough to enhance employability or entrepreneurship among the youth".

Another renowned person from BIT Patna Prof. K C Bajpai said that employers consider soft skills essential or very important factor in hiring decisions. It is, thus, imperative to improve soft skills of the students, which are unquantifiable attributes that are demonstrated through work style and approach. Dr. Naresh Chandra, Principal Scientist, ICAR-CER, Patna mentioned that the



communication, leadership, team work, creativity, etc. are the soft skills, which must be acquired and demonstrated to attain success in jobs and entrepreneurship. This workshop intended to impart the entrepreneurial skills among the undergraduate students of Bihar Animal Sciences University, Patna. The workshop witnessed students of third-year and fourth-year from Sanjay Gandhi Institute of Dairy Technology, Patna and Bihar Veterinary College, Patna.

Recent Advancements in Diagnosis of Poultry Diseases of Economic Importance

A two-days workshop on Recent Advancements in Diagnosis of Poultry Diseases of Economic Importance was organized at Bihar Veterinary College under National Agricultural Higher Education Project on 2nd and 3rd of March 2020. Dr. K.K. Singh, Chairman, Department of Pathology, Veterinary College, Birsa Agricultural University, Ranchi and Prof. R.K. Asharani, Professor CSK HPKV, Palampur, Himachal Pradesh were present as the speaker.



In his deliberation Dr. K.K. Singh focused about the poultry disease avian influenza (bird flu) which mainly affects the country economically, and how one can identify the symptoms of the disease and their diagnosis. In his lecture he also threw light upon how bird flu affects humans, and what precautions must be taken by a human for its preventions.

Dr. R.K. Asharani delivered a lecture on microbial and parasitic diseases occurring in chickens and other diseases caused by their mismanagement of stock.

He said that along with maintaining good hygiene, there is the need to provide immunity boosters and timely immunization is necessary to boost their immunity. Practicing these steps one can prevent chickens from getting infected. This protection system is known as the Bio Security Program. The Dean, Bihar Veterinary College, Patna, Dr. J.K. Prasad too delivered a lecture on employment opportunities in poultry sector. In the closing speech the Director Research Dr. Ravindra Kumar mentioned that in the coming days, with the help of these experts, a modern lab will be constructed in the pathology department of Bihar Veterinary College to diagnose poultry diseases, so that the farmers of the state and the poultry industry can be benefitted.



First Animal Husbandry Officers workshop

A two days 1st Animal Husbandry Officers workshop was held on 10th and 11th June 2020 through online interactive platform. Approximately 120 Veterinary Officers and Field Veterinary Officers had participated in the workshop. The workshop was inaugurated by Dr. Prem Kumar, Minister Animal and Fisheries Resources Department, Govt. of Bihar and Secretary Dr. N. Saravana Kumar. In his address Hon'ble Minister told that the state is moving very fast in the field of agriculture and animal husbandry today. The image of Bihar in the country has been established as a progressive state. We have received the Krishi Karman Award for the fifth consecutive time in the state, which shows an extraordinary achievement. He further said that the Government of Bihar is determined that all possible facilities and benefits should be provided to the farmers and livestock farmers of the state. Several notable steps have been taken to promote animal husbandry in the state, breed improvement is being given priority through artificial insemination.

On this occasion, Secretary, Dept. of Animal and Fisheries Resources Dr. N. Saravana Kumar said that educational institutions should promote e-governance model and online courses, he also mentioned Massive Open Online Courses (MOOC) in his address and said that University must develop MOOC courses and alike short term diploma, certificate and other courses so that field doctors and general public who are interested in the field of animal husbandry can be benefitted. He said that we need to work on "lab to land" so that research and discovery at international and national level can



be taken to grass root level with the help of technology. He laid special emphasis on adopting e-learning and online working and said that such workshops and training will be organized by the department as a permanent model so that the veterinarians and animal husbandry officials working in the field can update their knowledge.



Giving information about the future plans of the university, Vice Chancellor Dr. Rameshwar Singh said that Pashu Vigyan Kendra is proposed to be established soon on the lines of Krishi Vigyan Kendra, as well as proposal for establishment of Para-vet school in which diploma in livestock development and other programs can be run, for which the proposal has been submitted to the department. He said that a proposal has also been sent to the central government for the establishment of a disease diagnostic lab BSL-2 facility in the university, which will increase the ability to diagnose diseases like swine flu, bird flu, etc.

There were two technical sessions on the first day of the workshop, in which 135 animal husbandry officers and veterinarians connected with the zoom app, as well as on Facebook and YouTube Live. Director Animal Husbandry Dr. Vinod Singh Gunjyal was present in the program along with other university officials.

Seminar on Canine Breeding



A seminar on canine (dog) breeding was organized at Bihar Animal Sciences University under ICAR NAHEP (IG) on January 8, 2020. Dr. Firdous Ahmad Khan, Associate Professor, Saint George's University, Grenada, was present as the speaker. In his lecture he discussed various technicalities related to the field of canine breeding viz. method of collecting semen, evaluation of semen of different breed of dogs, etc. He stated that breeding is not only science but an art which needs to be practiced with utmost supervision. At field level, canine breeding is proving to be a very commercially successful enterprise. The tremendous growth projected by this sector is evident of huge employment potential.

On this occasion, Vice Chancellor, Dr. Rameshwar Singh remarked that there is a persistent increase in the number of pet owners and they are regarded as family members by their owners. Dogs play a vital role in security set-ups as sniffers in swan squads, a very popular component of the security system of our country. The manner in which the demand for dogs has increased procuring puppies of good breed has become a challenge which creates a scope for good work in this field. After acquiring information in this field, one can also start their own kennel and breeding center which gives higher profits.

Workshop on Progress in Dairy Sector and Milk Processing

A three-days online workshop was organized under the ICAR National Agricultural Higher Education Project at Sanjay Gandhi Institute of Dairy Technology, Patna from 11-13 May 2020. The three-day workshop on "Progress in Dairy Sector and Milk Processing" witnessed several eminent dairy scientists and dairy experts of the country. The seminar was organized with the aim of making the students aware of the recent technical advancements and development in dairy and milk processing.

On the first day of the program, Dr. Sudhir Kumar, Managing Director of Jharkhand State Milk Producers Cooperative Federation, Ranchi (Medha) delivered his lecture on increasing income of farmers by adding value to the additional milk produced at the village level in the context of Covid-19. He also discussed the problems faced by dairy cooperatives and dairy farmers in the situation arising out of Covid-19 and shared appropriate solution to these programmes. In another lecture, Dr. Sunil Kumar of Guru Angdev Veterinary and Animal Sciences University, Ludhiana gave a lecture on the use of membrane in milk processing and milk products manufacturing and informed people about of his research experience.

On the second day of the workshop, Dr. Pradeep Bahre, Scientist from National Dairy Research Institute, Karnal, gave lectures on various aspects of safety in fermented milk and threw light on various methods of estimation of micro standards of fermented milk. In another lecture, Dr. Subroto Hathi, Assistant Professor, Anand Krishi University, Anand, Gujarat, delivered on the role of bio-preservatives in extending the safety period of milk and milk products, in his lecture he shared various scientific information to enhance the protection period of various milk substances by micro bio-preservatives. He threw light on the successful use of bio-preservatives for indigenous milk produce such as chhena, paneer, khoa, cheese etc.

On the third day of the workshop, Dr. R. S. Dalal, Retired Professor and Registrar of Haryana Agricultural University, Hisar, gave a lecture on entrepreneurship development in dairy industry. Dr. Dayal gave detailed information about various schemes for the promotion of dairy industry by the government. In another lecture, Dr. Y. S. Rajput, former President of the Department of Dairy Chemistry, National Dairy Research Institute, Karnal, gave an important lecture on quality standards in milk processing. He emphasized on the use of various adulterated ingredients used in milk and how to practice the modern techniques and rapid tests for evaluation of microbial and antibacterial residues available in milk and milk products, which are important in the today context.

Two-days national training on Modern Management Practices at Instructional Livestock and Poultry Farm



A two-days national training on modern management practices at instructional livestock and poultry farm was organized for the students and teachers of the constituent colleges of university under the joint aegis of the ICAR-National Agricultural Higher Education Project on February 28 & 29, 2020. This national training witnessed Scientists from many leading Veterinary Sciences Institutes of the country. On this occasion Dr. S.S. Lathwal, Principal Scientist, National Dairy Research Institute, Karnal delivered a lecture on modern housing management practice at the instructional dairy farm and presented his lecture on the automation of livestock farm activities.

Dr. Naveen Kumar, Scientist from CSK Himachal Pradesh Agricultural University, Palampur emphatically emphasized on how green fodder should be available in the livestock farm throughout the year, while Dr. P.K. Dogra threw light on the management of calves. Scientist Dr. Raman Malik from National Dairy Research Institute, Karnal delivered on modern feeding management in livestock farm for increasing production capacity in animals and their better health.

Dr. Pankaj Kumar, Assistant Professor, Department of Microbiology, BVC, presented a lecture on the use of modern technology for disease prevention and monitoring of animals at livestock farm.

National Training on Recent advances in Livestock Products Processing



"Learn as much as possible, we should always keep learning, if we keep working, then the resources will also be fulfilled. Human Capacity Building should continue to happen only then progress will be made visible" said Dr. R.B.Sharma the National Coordinator of ICAR-National Agricultural Higher Education Project (IG). Dr. Sharma was speaking as Guest of Honor in the inaugural session of the two-day national training on livestock products processing organized under collaboration of Bihar Animal Sciences University Patna and National Agricultural Higher Education Project on March 6-7, 2020. He further said that it is pleasing to see the development of the university; the students are being provided the resources and latest equipment's for their research and learning activities. At the beginning of the program, Director Research Dr. Ravindra Kumar welcomed everyone, presenting reports of training, seminars, and MoU's signed with various National Institutes under the NAHEP in the past year. Later on, the Vice Chancellor Dr. Rameshwar Singh said that "working with different institutions with a single purpose and framework gives a different dimension as well as exchange of ideas and knowledge, which develops the ability to do quality work". He further added that with the help of NAHEP many positive changes are visible in the university. He said "I am happy that our students are showing special interest in learning with the help of latest equipment's and marching parallel to

the technological advancements". For this two-day's training Dr. Manish Chatley, Professor, Department of Livestock Products Technology, GADVASU, Ludhiana was present as expert. He delivered his lectures on entrepreneurship development on livestock products. The second expert invited for this training programme was Dr. A.K Singh, Principal Scientist at National Dairy Research Institute, Karnal gave his lecture on modern technological advancements and benefits in milk production in recent times. On this occasion, hands-on training was also provided to the students by the experts, in which students were encouraged to make innovative products using whey, eggs and meat.

ALUMNI MEET 2020



National Seminar-cum-Alumni Meet on "Strategies for Livestock Improvement in India" was organized at Bihar Veterinary College on 18th of January 2020. This event was graced by Dr. H. R. Mishra, former Vice Chancellor, Birsa Agricultural University, Ranchi, Dr. Allaiddin Ahmed Former Vice Chancellor Sher-e-Kashmir Agricultural University and former DDG ICAR, Dr. S. P. Sharma, President, Veterinary Association and Dr. L.N Mandal, former Director, Institute of Animal and Production along with other alumni of Bihar Veterinary College. The Vice Chancellor of Bihar Animal Sciences University, Patna, Dr. Rameshwar Singh honoured all the alumni, on this occasion. He briefed the audience stating the history of this college, which is indeed very glorious and this college has provided learning opportunities to many students from different parts of the country.

He further stated that the reputation of any institution lies with its students. BVC alumni have prospered and have broadcasted its glory with in the country as well as in abroad. For decades the alumni have kept its honour and the forthcoming generations will play an important role in taking it to further height of pride. All the retired veterinarians apprised the audience with their contribution towards the development of this college during their tenure and discussed how to make this university better.

In the second half the Dean of Bihar Veterinary College, Dr. J. K. Prasad highlighted the so far journey of BVC. On this occasion he presented a lead paper highlighting the importance of artificial insemination for increasing milk production in India. He mentioned that currently India has 30% artificial



Insemination coverage, and the Government of India has set a target to increase it to 50% by the year 2021-22. In his presentation he focused on key areas viz. the need of proper technology, how much quality semen will be required to reach this figure and how many bulls will be required. During this session suggestions were also taken up by the alumni. The alumni showed their eagerness towards activities related to the upliftment of the university.

Virtual Orientation Program

A three days Virtual Orientation Program was held between 27-29th April 2020 at Bihar Animal Sciences University, Patna. The program was organized and facilitated by Prof. Veer Singh, DRI-cum-DEAN PGS, BASU, Patna. The program had total 12 lectures with different Senior Officials of the University. The program was exclusively designed and organized for 12 newly recruited faculty of the BVC, BASU, Patna to create awareness about ethics and philosophy of organization, framework of rules and regulations, knowledge of the internal administration and management function of the University system. All the participants had given feedback and accordingly the report has been prepared. Participants felt that the schedule of orientation program was very well designed and implemented with sufficient time for interaction and waiting for such program in future. The Program was started with motivational talk by Hon'ble Vice Chancellor Dr. Rameshwar Singh. During his lecture, he discussed on different aspects of self-motivation and personality development and said teaching as noble profession for pursuit and proliferation of knowledge. He also discussed about three working areas viz. teaching, research and extension applied to animal sciences university. All the participants were learned to develop positive mind set in a different situation of working in their formal and informal life. They also learned about how to tackle any problem, faced during working in the university campus and how any given task can be successfully completed with maintaining hierarchical decorum. After this motivational talk orientation program was started.

71st Republic Day Celebrations

71st Republic day was celebrated with gaiety and patriotic fervour at Bihar Animal Sciences University, Sports Complex on 26th of January 2020. This ceremony commenced with the unfurling of the national flag by the honourable Vice Chancellor Dr. Rameshwar Singh. The programme moved forward with an incredible display of parade by the National Cadet Corps (NCC) cadets, girls' and boys' hostel of BVC and SGIDT, Patna. The energetic performances by students of BVC and SGIDT filled the crowd with great energy and enthusiasm. The heartfelt renditions of patriotic songs aroused feelings of patriotism, love and brotherhood among all. Vice-Chancellor, Dr. Rameshwar Singh addressed the gathering and highlighted the achievements of the university. He underscored the steps the university has taken to ensure an overall development of its students and took pride in mentioning that the university is well ahead of the academic standards. He emphasized upon the quality education which would help in the development of the city and the country at large. The hour-long ceremony culminated with the friendly cricket match between university staffs and students.



Celebrations of Swami Vivekanand Jayanti

To commemorate the birth anniversary of Swami Vivekanand, a programme was jointly organized by the Cultural & Literary Society and National Service Scheme in the Conference Hall of Bihar Veterinary College on 13th January 2020. The programme was organized with objective to inculcate values and create awareness amongst the youth about their role towards serving the country. Dr. Rameshwar Singh, Hon'ble Vice Chancellor, BASU graced the occasion as a Chief Guest and asked the students to follow the path shown by the great saint Swami Vivekanand. Dr. R. K. Trivedi, DSW, BASU spoke on the relevance of Swami ji's preaching for today's youth. Dr. J. K. Prasad, Dean, BVC also expressed his views on this occasion.



Career counselling in Agriculture and Allied sectors for school students held at BASU

A counseling session on career opportunity in agriculture and allied sector was organized by the University under an ambitious initiative in Agri-education: Improving students learning outcome and market orientation under ICAR NAHEP-IG. Students from Central School-II, Sheikhpura participated in this career counseling. The key feature of this session was to inform the students about the employment opportunities in agriculture and allied sectors. They were introduced to the various branches of agriculture sciences viz. horticulture, agricultural marketing and processing, agricultural engineering, fisheries, veterinary science, dairy and food technology. A combined effort was made by Dr. Purushottam Kaushik, Dr. Anjay and Dr. Savita who collaborated to explain and explore each sector. Students were informed about the positions they can work on and the salary structures associated with these jobs. On this occasion, Vice Chancellor Dr. Rameshwar Singh said that the main objective of this counseling is to take the possibilities in agriculture and agriculture related fields to the students so that they can have another option other than choosing medical and engineering. He said that there is no shortage of possibilities in this field, one can join this field and contribute his knowledge in basic and applied research.



Invitation to Contribute

Dear Readers,

First issue of Newsletter 2020 is in your hands. This is your platform. We request you to send reports on major achievements, events and happenings in BASU. Articles, success stories and research based features are also invited. Please mail your contributions along with high resolutions pictures (jpeg format) to: probasupatna@gmail.com, pashuvigyan@gmail.com

-Editor

World Environment Day Celebrations at BASU

To meet personal needs, human race has caused a lot of damage to the environment, and its side effects are now visible said Dr. Rameshwar Singh, Vice Chancellor of Bihar Animal Science University, while addressing the people at the plantation program organized at the university campus on World Environment Day (June 5,2020). He said that awareness towards environment has increased but the climate change has also emerged as a big problem globally, the boundaries of region, state and country do not matter for the environment, but this problem is for everyone, the only solution is to show solidarity to save the environment. Talking about the "Jal-Jeevan-Hariyali" mission run by the Bihar government, he said that under this scheme the best works are being done across the state, the results of which are now visible, renovation of water resources, river-canal, sanitation of ponds. The pleasant results of state-wide large tree plantation are now visible, Bihar is also seeing an increase in green forest cover, the scheme is being praised all over the country.



An online lecture was also organized on the occasion where former director of Zoological Survey of India, Dr. K. Venkatraman, addressed about 200 students, teachers and officials of the university through Zoom platform. In his address, he spoke about the history of biodiversity and what changes could happen in the ecosystem in the future. He said that we have forgotten the path shown by our ancestors, the result of which is presently visible to us. He further stated that we have endangered ourselves by damaging the environment.

Activities under "Jal-Jeevan-Hariyali" Mission

As per the directives of Government of Bihar, "Jal-Jeevan-Hariyali" divas will be celebrated on the first Tuesday of every month in every government and non-governmental institution throughout the state. This effort was made to make people aware of the environment as well as their obligations to the environment. This day was celebrated at Bihar Animal Sciences University, by organizing a debate programme on the topic "Encouraging the Use of Solar Energy and Saving Energy" at Bihar Veterinary College, Patna.



Celebrations at SGIDT, Patna: "Jal-Jeevan-Hariyali" divas was celebrated at Sanjay Gandhi Institute of Dairy Technology, Patna, teachers, students and employees including the Dean of the college Dr. Balbir Singh Beniwal, cleaned the campus and celebrated this day by watering the trees and plants.



Celebrations at KVK, Jamui: "Jal-Jeevan-Hariyali" divas was celebrated at Krishi Vigyan Kendra, Jamui. The local farmers, cattle ranchers and KVK staffs including the head of the centre Dr. Sudhir Kumar Singh planted 20 saplings in the campus.

Celebrations at College of Fisheries, Kishanganj: "Jal-Jeevan-Hariyali" divas was celebrated in College, Fisheries College, Kishanganj. On this occasion, the Dean of the college, Dr. Ved Prakash Saini, addressed the students informing about greenery, environment, importance of trees and "Jal-Jeevan-Hariyali" mission. The students, teachers and staff cleaned the premises and watered the trees and plants. On this occasion, the Literary Competition on the "Importance of Trees in Daily Life" was also organized.



News from College of Fisheries, Kishanganj



- College has coordinated the seminar for School Children (10-12th) under ICAR-National Agricultural Higher Education Project on “Career opportunity in Agriculture and Allied Sector” on 8th March, 2020.
- College has coordinated the webinar organized under ICAR-National Agricultural Higher Education Project on “Climate Resilient Freshwater Aquaculture Strategies” through Zoom on 5th May, 2020.
- College has coordinated the webinar organized under ICAR-National Agricultural Higher Education Project on “Indian Fisheries Present Status and Future Strategies for sustainable Production” through Zoom on 6th May, 2020.
- College in collaboration with Bihar Vidhyapith organized the training for fish farmers and entrepreneurs under “Bihar Fish entrepreneurship incubation programme” during 29th June-1st July, 2020.

Display of stall in Kishan Mela 2020



College displayed the stall at Kishan Mela, 2020 at Bihar Agricultural University, Sabour during 23 to 25 February, 2020. During this Kishan Mela, several farmers, entrepreneurs, aquaculturist, aquarium hobbyist and stakeholder visited the stall. University got first prize for best Stall.

College Week Celebration, 2020

College Week Celebration, 2020: College week “TARANG” was organized from 18th-23rd Feb, 2020 at college. This 6 days celebration included 26 cultural, literary, sports and games events. All the students were divided into three groups namely, King Octopus, Queen Dolphin and Wild Shark. King Octopus was overall champion of this event.



NSS Activities during 2019-20

Various activities under the aegis of National Service Scheme (NSS) unit of college were conducted during January to June, 2020. During the programmes, cleaning of college premises (Swacch Bharat), mass plantation drive and awareness rally on plastic free campus was performed by students and faculties of the college.



Celebration of World Environment Day

World Environment Day, 2020 was celebrated in the College on 5th June, 2020. On this occasion, Dean, College of Fisheries Dr. V. P. Saini and other faculty members planted 20 fruiting plants in the premises.



Cat Show



Cat show was organized at the TVCC complex of Bihar Animal Science University on 7th of March 2020, which was a unique event in itself. Cat shows are organized in many cities in the country viz. Bangalore and Mumbai but speaking for the state of Bihar this was the first event. Owners of various native and exotic cat breeds participated in this event along with their pets. This show provides a platform to the cat owners to gather information for better upbringing of their furry friends. A total about thirty cats participated. Breeds such as the Persian cat, Indian cat, etc. were registered.

This show was inaugurated by the Chief Conservator of Forest, Bihar Shree A.K. Pandey, former Professor-cum-Head of Department, Department of Veterinary Medicine, BVC, Dr. V. K. Sinha, Dr. A. M. Pawde, Professor IVRI, Izatnagar, Bareilly, Vice-Chancellor Dr. Rameshwar Singh and Dean Dr. J.K. Prasad by lightening up the lamp.

Chief Conservator of Bihar A.K. Pandey said that it was a myth among the people in India that cats are inauspicious; in such a situation it is very surprising to see that even today in India their number is quite high, and people are keeping them as pets in their homes.



Dr. V. K. Sinha, former Professor-cum-Head of the Department of Veterinary Medicine, Bihar Veterinary College said that it is very important to know the information of cat breeds and their nature. Veterinary doctors need to show their interest in cat breeding. In Bihar and other states, cat breeding is yet not practiced professionally, veterinarians need to come forward to improve the breeds and professionalise the practice.

Prof. Dr. A. M. Pawde of the Indian Veterinary Research Institute, Izatnagar, Bareilly, present as the judge of the CAT show said that the greatest friend of man is animal, he discussed the reasons related to the upbringing and reasons of death in a cat. Further, he gave tips to the visiting veterinarians for problems related to cats.

On this occasion Vice-Chancellor Dr. Rameshwar Singh said that before organizing the event there was no objective to succeed but it was very important to try, seeing the huge number of cats, we can say that we are successful. He said that people do keep cats, but there is a severe lack of information, as well as the availability of cat health management. He said that in the coming months, a handbook for cat care will be prepared by the university with the help of renowned veterinarians and experts of the country, in which all the information about the cat's rearing will be available to the cat owners.



Dog Show

Consecutive to the cat show dog show was organized at Bihar Animal Science University on 8th of March 2020. 70 dogs of different breeds including Pomeranian, Labrador, German shepherd, Saint-Bernard, Beagle, Siberian husky and Bulldog were registered. This program was inaugurated by Shree P. R. Sinha, former director, Wildlife Institute of India, Dr. B. B. Verma, Ex-Dean, BVC, Patna, Dr. S. K. Singh, member of RERA Tribunal Patna, Dr. A. M. Pawde, Professor, IVRI, Izatnagar, Bareilly, Dr. Rekha Pathak, Vice Chancellor Dr. Rameshwar Singh and Dean Dr. JK Prasad. The show was judged by Dr. A. M. Pawde and Dr. Rekha Pathak.

The guests present at the show were welcomed by the Dog Squad of NDRF by offering bouquet. The dog squad of NDRF also demonstrated the working of squad at the time of disaster.



Cultural & Literary Initiatives at BASU during COVID-19 Lockdown

BASU has very aptly and effectively addressed the challenges arising due to COVID-19. All-important activities and events were swiftly switched on from the off-line to on-line mode with the help of various technological options. The Cultural & Literary Society of BASU also took similar initiatives to showcase the talents of the students and faculties. Besides, a series of lectures and speeches were organized to motivate, strengthen and improve the mental status of students and teachers of the university.

Talk on Stress management

With the objective of better management of stress and depression arising out due to lockdown and Covid-19 pandemic, a talk on 'Stress Management' was organized on 20th of June 2020 in which stress management expert Dr. Madhulika Bajpai, Associate Professor (Psychology), Delhi University, New Delhi delivered an interactive session on various dimensions of stress in human life, reasons for such stress and the coping methods to mitigate them. In her kaleidoscopic and convincing speech, she nicely portrayed the causes and consequences of stress and suggested the methods, which can help deposing agony, stress and depression among students and staff. Her message was well received, as it was obvious from the kind of queries, and remarks of the participants. The session was presided over by the Hon'ble Vice chancellor and all the senior officers, faculty, students and other staff attended the webinar.

Talk on Public Speaking

Public speaking is an art. It requires skills to address and express one's views aptly before delivering it to the public. In its endeavor to improve the soft skills and personality of the students, BASU pays high attention to the activities and programs being conducted. In this context an online talk on public speaking was organized on 27th of June 2020. Dr. Birendra Kumar, Former Dean (PGS), BAU, Sabour and Professor, G.B.P.U.A&T., Pantnagar was invited to deliver the talk. In his mesmerizing speech, Dr. Kumar unfolded the intricacies of public speaking and virtually galvanized the minds of the listeners. With real life examples, he beautifully depicted that how an effective communication can catch the attention of people and make a difference in their lives. Dr. Rameshwar Singh, Vice Chancellor, BASU chaired the session. He requested Dr. Kumar to educate and train the students and faculty of BASU the art of public speaking.



Online Gala Evening (Singing)

The Cultural & Literary Society, BASU organized a two-day cultural programme on 19th & 20th June 2020 on Zoom platform. It was attended by the Hon'ble Vice Chancellor and all the Officers, Faculty, Staff and students of BASU along with their family members. A total of ten selected students from the three colleges performed during the programme and made the evening nostalgic. Dr Kasturi Chakrabarti from CIFE, Mumbai was the special invitee who sang a patriotic song in memory of the martyrs of Galwan. All the performances were quite entertaining but the performance by Mr. Kumar Sanu, a student of BVC was outstanding and mind boggling.



International Yoga Day



On 21st June 2020, International Yoga Day was celebrated by the university with yoga demonstration and lifestyle counseling through online mode. Mr. Neeraj Pandey, Yoga Teacher and Lifestyle counselor from Kolkata carried on the session through zoom app. He demonstrated various yoga postures and informed the audience about the importance of yoga and how it can be an immunity booster in this pandemic. Hon'ble Vice Chancellor, BASU along with officers, faculty members, students participated in this online yoga session.

Lecture series during lock-down under ICAR- NAHEP (IG)

A series of virtual seminars were organized at BASU through video conferencing. In the first series of this online seminar organized under the ICAR-National Agricultural Higher Education Project started on May 2-6, 2020. Experts of animal science, fisheries, dairy technology delivered online lectures. In the first seminar of this series Dr. Ajeet Kumar, Professor-cum-chief scientist, Dept. of Veterinary Gynaecology and Obstetrics Department, Bihar Veterinary College delivered his lecture on "Strategies to Optimize Reproduction by Implementing Improved Practices in Dairy Animal", about forty students and teachers participated in this lecture. In the second seminar, Dr. J. K. Prasad, Dean, Bihar Veterinary College gave his lecture on the topic "Minimum Standard Protocol for Production of Frozen Semen" this lecture witnessed online presence of 50 students including faculties of BVC.

NAHEP
Seminar under NAHEP
on the topic
"Strategies to optimize reproduction by implementing improved practices in Dairy Animals"
For Faculty and Post Graduate Students
Date: 02.05.2020, Time: 11:00 AM

Speaker: **Dr. Ajeet**
Professor-cum-Chief Scientist
Dept. of Veterinary Gynaecology & Obstetrics
Bihar Veterinary College, Patna

NAHEP
Seminar under NAHEP
on the topic
"Minimum Standard Protocol for Production of Frozen Semen"
For Faculty and Post Graduate Students
Date: 04.05.2020, Time: 11:00 AM

Speaker: **Dr. J.K.Prasad**
Dean
Bihar Veterinary College, Patna

NAHEP
Seminar under NAHEP
on the topic
"Climate Resilient Fresh Water Aquaculture Strategies"
For Faculty and Post Graduate Students
Date: 05.05.2020, Time: 03:00 PM

Speaker: **Dr. Raman Trivedi**
Director Students Welfare
Bihar Animal Sciences University, Patna

NAHEP
Seminar under NAHEP
on the topic
"Indian Fisheries: Present Status & Future Strategies for Sustainable Production"
For Faculty and Post Graduate Students
Date: 06.05.2020, Time: 02:00 PM

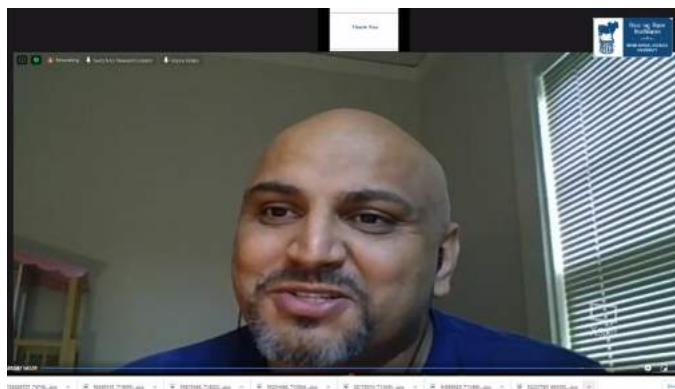
Speaker: **Dr. V.P. Saini**
Dean
College of Fisheries, Kishanganj

NAHEP
Seminar under NAHEP
on the topic
"Basics of Veterinary Ophthalmology"
For Faculty and Post Graduate Students
Date: 07.05.2020, Time: 09:00 AM

Speaker: **Dr. S.P. Tyagi**
Professor Surgery and Radiology
COVS, CSKHPKV, Palampur

On the third day of the seminar Dr. Raman Trivedi, Director Student Welfare, BASU delivered on the topic "Climate Resilient Fresh Water Aquaculture Strategies" the lecture was attended by the faculty and students of College of Fisheries, Kishanganj. In the fourth lecture of this series Dr. Ved Prakash Saini, Dean, CoF, Kishanganj gave his lecture on Indian Fisheries: Present Status & Future Strategies for Sustainable Production. The final lecture of this online seminar concluded on 6th of May 2020 with a fruitful session by Dr. S.P. Tyagi, Professor, Department of Surgery and Radiology, Centre of Veterinary Science, Himachal Pradesh Agricultural University on "Basics of Veterinary Ophthalmology". The seminar was publicized on the social networking sites of the university, as a result of which students and teachers from different parts of the country joined the session.

Webinar on "Immunogenicity Assessment of Bio-therapeutic Products"



A webinar on "Immunogenicity Assessment of Bio-therapeutic Products" was organized by the University under ICAR-NAHEP on 23 June 2020. Dr. Vinay Kumar, Safety Assessment Lead, Netkar Therapeutic, San-Francisco, USA was present as the guest speaker for this webinar. In his lecture he talked about the regulatory expectation and guidelines of FDA and EMA, resources and opportunities in regulatory science. He deliberated on transmission blocking vaccine, HIV/SIP enteropathy, Pharma discovery and Bioanalytics. He emphasized on the topic of Immunogenicity and explained in detail about the topic. "Biotherapeutics may elicit anti-drug antibody response with serious potential consequences" said Dr. Kumar. Further he said that regulatory expectations must be followed as per EMA and FDA guidelines.

World Milk Day Celebrations



University celebrated World Milk Day on 1st of June, 2020 through zoom meeting app. The programme was organized by Sanjay Gandhi Institute of Dairy Technology, Patna. Dr. B.N. Tripathi, DDG (Animal Sciences), ICAR, New Delhi was the chief guest of the programme. In his address Dr. Tripathi said that India needs to improve and develop the model of cooperative, giving the example of the work done by Dr. Verghese Kurian he said that the Amul model started by Dr. Kurian is a milestone work which still needs to be implemented. He said that the model of cooperative started by Dr. Kurian benefitted directly to the farmers and the cattle man by removing the middle man in the entire process of milk collections and sale. He further said looking to the present scenario, that the Amul model has yet not been

followed in many states. He further said that anything that can improve the Indian agriculture, livestock and poultry sector, it is only the cooperative movement, which can change the entire picture but we still look towards the government for aids, subsidy, schemes etc. which doesn't serve the purpose. Speaking further about the milk production in the country he said that our productivity of animals are very less and if we switch towards the development of indigenous breeds instead of the development of high milk yielding breeds, we will be nowhere. So, we need to strategically find out the regions, states and area where cross-breeding needs to be continued and developed.

On this occasion Vice-Chancellor Dr. Rameshwar Singh said that we have been successful in doing processing to cooperatives but can we do productions through cooperatives is a big questions. If we can really do this the farmers coming together will have greater meaning, greater mechanization, greater farm size if they do production in cooperative manner, he added further.

The programme was live on Facebook and YouTube channel of the University and witnessed a large number of audience from through out the country and abroad too.

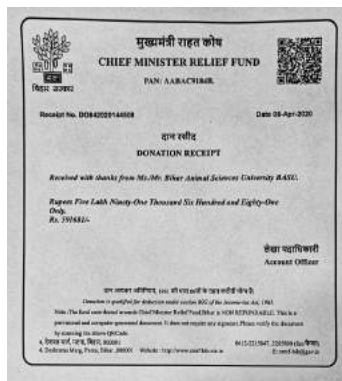
Vice Chancellor Dr. Rameshwar Singh received Life time achievement award

Vice Chancellor Dr. Rameshwar Singh was awarded with the Life time achievement award 2020 for his noticeable contributions in the field of Dairy Science for three decades by the Agriculture Today Group, one of the leading global agriculture magazines of India. A person getting this award must be recognized by at least two national level bodies or by at least one international body for his/her services to dairy sector. The person should be credited with pioneering work in his/ her field and should have contributed to the body of knowledge or to the growth of the dairy sector. The person should be widely known throughout the nation and is well acclaimed for his/her remarkable contributions in the field of Dairy sector. Dr. Rameshwar Singh has a long experience in this field; he has contributed in dairy education and research, fermented milk products, probiotics and dairy starter cultures. He also played a vital role in the establishment of National Collection of Dairy Cultures.



University employee contribute a day's salary to CM's relief fund

Employees of Bihar Animal Sciences University contributed a day's salary to CM's relief fund to support the government's initiatives to prevent the spread of COVID-19. A total of Rs. 5,91,681/- (Five lakhs ninety-one thousand six hundred and eighty-one) was contributed by the employees, this amount was digitally transferred to the CM's relief fund by the office of the Finance Comptroller of the University.



Hands on training on ETT



A one-day training on Embryo Transfer Technology (ETT) on indigenous breeds was organized at Bihar Animal Sciences University on February 1, 2020. Dr. Brajesh Kumar, Scientist from Indian Veterinary Research Institute, Bareilly, was present as the specialist. In this training, about 30 students of Bihar Veterinary College received hands on training on ETT and learned about the specifics of embryo transfer and how the benefits of ETT should be passed on to the farmers.

State-wide Human Chain

Bihar Animal Sciences University participated in state-wide human chain formation to mark the Bihar government's Jal-Jeevan-Hariyali Mission for the environment on 19th of January 2020. The Vice-Chancellor, Registrar, Dean, senior officials, faculties, staffs and students from Bihar Veterinary College, Sanjay Gandhi Institute of Dairy Technology, College of Fisheries and Krishi Vigyan Kendra, Jamui were a part of this mega event. This large human chain was reported 16,443 km long, and around 4.29 crore people participated in it throughout the state. Hon'ble the Chief Minister and other ministers were part of the chain at the historic Gandhi Maidan in Patna. The length of the chain in the state capital alone was estimated to be 708 km. BASU's presence in the human chain extended from Bailey Road to Sanjay Gandhi Biological Park, approximately 1 km long.



Address by Hon'ble Prime Minister through Video Conferencing on occasion of Global Potato Conclave



Vice-Chancellor, senior officials, faculties and students of the constituent colleges of Bihar Animal Sciences University, Patna and employees of KVK, Jamui heard Hon'ble Prime Minister addressing the nation on occasion of Global Potato Conclave organized at Mahatma Mandir, Gandhinagar, Gujrat on 28th of January 2020 through Video Conferencing. This live webcast was arranged for the UG and PG Students, faculties, officials and local farmers at Bihar Veterinary College, Patna and for farmers at KVK Jamui. Total 112 people participated at Bihar Animal Sciences University and 50 farmers participated at KVK, Jamui.

Interactive session by Dr. J.B. Phogat

A couple of lecture sessions were organised at Bihar Animal Sciences University, Patna on 5th and 6th of February 2020. Dr. J. B. Phogat, Director Extension Education, LUVAS, Hisar was present as the speaker for this occasion. Dr. Phogat in his lecture delivered session on the status of higher education in India and the need for extension education for livestock keepers.



Cow model at Bihar Animal Sciences University



After India's first animal virtual dissection table installed at Bihar Animal Sciences University, Patna, the artificial insemination i.e. AI Cow model has been introduced to Genecology and Obstetrics Department of Bihar Veterinary College. While the university is working towards quality education through new technology and equipment, the university is constantly striving to make students efficient with the help of these tools. The AI Cow model is an anatomical model of the cow, using which, students are being made proficient in artificial insemination, this cow model has various artificial body parts of cow such as vulva, uterus, cervix, ovary and rectum. Before the introduction of this model, artificial insemination was imparted in the live cows and the new trainees who were students were likely to cause serious injury and other physical problems in the cow's genitals during training. This model is solution to all these problems which makes the training simple and the complicated process of artificial insemination easy.

Inauguration of University newly constructed buildings and data center



Dr. Prem Kumar, Minister Animal and Fisheries Resources Department, Govt. of Bihar and Secretary Dr. N. Sarvana Kumar inaugurated the university newly constructed academic building, library building and data centre on June 10, 2020. On this occasion he said that, more than ever, all the academic infrastructure, laboratory and other facilities for students and teachers are being upgraded. He appreciated the work of the university for continuing the education and adopting the e-method of learning in best possible way to facilitate learning of the students during the pandemic.



Vice Chancellor, Dr. Rameshwar Singh, thanked the government and said that the inauguration of two buildings will give impetus to the work of the university. He gave information about the departments established in both the buildings in which the departments of Pharmacology, Biochemistry, Physiology, and Toxicology have been set up, as well as facilities such as undergraduate and postgraduate labs, lecture halls and central instrumentation facility, digital library, finance and data centre have been established under one roof.



Distribution of poultry chicks under Scheduled Caste subplan



Poultry training-cum-chick distribution program was organized with the objective to provide nutritional security to the scheduled caste families by encouraging them to livelihood and to make them self-reliant. The event took place in a village named Chhatna of Parsa Bazar, Patna on 11th of February 2020 under the joint aegis of the Poultry Research Project of Indian Council of Agricultural Research-Directorate of Poultry Research, Hyderabad and Bihar Animal Sciences University, Patna. Under this program 20 poultry chicks of Vanaraja breed, poultry feeders, and drinkers and poultry feed (seeds) were distributed among 60 women from scheduled caste families by Dr. R.N.Chatterjee, Director, Directorate of Poultry Research, Hyderabad, Director Research, BASU, Dr. Ravindra Kumar and Dean, BVC, Dr. JK Prasad. Before the distribution of chicks, Dr. Pankaj Kumar, Assistant Professor, Department of Extension Education, Bihar Veterinary College, informed the beneficiaries about the management of chicks and ways to grow their business.

Kisan Samvad Portal

University started 'Kisan Samvad' portal/Advisory services through University website for educating the farmers to usher science led development in livestock sector in the state.

Specialized Trainings

A Specialized trainings in the areas of Goat farming, Poultry, Dairying, Fisheries and Integrated Farming System (IFS) for the migrant workers returning to the state during COVID-19 lockdown period for the skill and entrepreneurship development in the areas of Goat farming, Poultry, Dairying, Fisheries and Integrated Farming System (IFS). The bankers were also involved in training Programme for hand holding and providing financial support.

Activities in 'Poultry Gram' and 'Goat Gram' adopted villages

University organized extension activities in 'Poultry Gram' and 'Goat Gram' adopted villages. Farmers were trained and were made aware of the health and hygiene measures to be taken for successful management of goat and poultry. Proper training was also given by the expert for the commercial farming practices.

Multi-location audio conference organized

A Multi location audio conference was organized for farmers and cattle rearers in view of the situation arose out of Covid-19. Bihar Animal Sciences University in collaboration with Reliance Foundation conducted this event on 8th of May 2020. The main objective of the programme was to share essential information related to the health and safety of livestock during pandemic, in which 93 livestock farmers of seven districts of Bihar namely Patna, Vaishali, Nawada, Gaya, Bhagalpur, Purnia and Madhubani respectively, participated in the Multi Location Audio Conference (Telephonic Conversation) and received appropriate counselling by the expert on problems related to animals and precautions to be taken for the prevention of corona. As an expert, Dr. Pankaj Kumar, Assistant Professor, Dept. of Veterinary Extension Education, BVC, Patna answered various queries of the farmers through telephonic calls. He told that in view of climate change, there is need to take proper care for the management of animals. He further emphasized on the use of soaps and potassium permanganate for cleanliness and sanitization of the farm and animal place.



Distribution of poultry chicks of 'Vanraja' and 'Gram-Priya'

In order to supply inputs for improved poultry farming, the poultry chicks of 'Vanraja' and 'Gram-Priya' strains were distributed among the resource-poor farming community for promoting "Backyard Poultry" in the state. 'Vanraja' and Quail chicks were distributed among 200 farm families belonging to 'Tharu Tribes' at Ram Nagar in west Champaran. Apart from regularly monitoring the progress, the University also provided them other inputs like medicines, feed, feeder, drinker, regular vaccination & health care services. Our University is also working for ensuring market linkages and value addition of their produce.

e-Learning program organized

Since it was not possible to conduct residential training Programme during the lockdown period, Bihar Animal Sciences University, Patna organized two E-learning Programme as 'Refresher Courses' for the veterinary officers of the state in collaboration with the department of Animal & Fisheries Resources, Govt. of Bihar and BAMETI, Patna on the following topics.

- Recent Advances in Veterinary Medicine & Surgery (26-30 June, 2020).
- Sustainable Livestock Development (20-22 July, 2020).

Virtual Programs during COVID-19 Lockdown

- A virtual meeting of the dairy farmers of the state was organized on the occasion of "World Milk Day" (i.e. 1st June, 2020) in order to ascertain the problems faced by the dairy farmers especially during the lockdown period.
- An online training Programme for the poultry farmers of the state was organized by the scientists of our University and KVK, Jamui during the lockdown period.
- An online meeting of the fisheries farmers of the state was organized on the occasion of "World Fisheries Day" (i.e. 10th July, 2020) with an objective to find out the problems faced by the fisheries farmers of the state.

Bihar Animal Sciences University, Patna has organized more than 26 training Programmes for the livestock farmers and field veterinary officers of the state in which around 800 farmers and veterinary officers were provided training on various topics in collaboration with the department of Animal & Fisheries Resources, Govt. of Bihar and ATMA of different Districts in the state.



NEWS FROM KVK, JAMUI

Garib Kalyan Rojgar Abhiyan (GKRA)



Garib Kalyan Rojgar Abhiyan (GKRA) was launched by the Hon'ble Prime Minister of India on 20th June 2020 with a mission to address the issue of returnee migrant workers and similarly affect rural population by COVID 19 pandemic through a multipronged strategy of providing immediate employment and livelihood opportunity to the distressed, to saturate the village with public infrastructure and creation of livelihood assets to boost the income generation activities & enhance long term livelihood opportunity. 116 districts from 06 states of the country were selected under this Abhiyan, Jamui was one of them. Krishi Vigyan Kendra, Jamui has been given the responsibility to organize training programme for the migrants. The topics identified were Integrated Farming System, Goatary, Poultry, Nutritional Garden, Vermicompost Production, Food Processing & Value addition, Bee Keeping, Soil testing, Mushroom Production & Backyard Poultry. The target given to KVK Jamui is to conduct 16 training programme to cover 560 number of migrant workers. We have achieved the total number of training programmes and cover 1042 number of beneficiaries.

BASU awarded for best stall



Faculty from department of Extension Education participated in the "Regional Kisan Mela - 2020" organized by BAU, Sabour from 23-25, February, 2020 where BASU was awarded 1st prize in the best stall category.

- Special workshop on (National Animal Disease Control Programme-NADCP) was conducted which was chaired by Hon'ble The Prime Minister of India through virtual mode.
- Recruitments of project employees under Gramin Krishi Mausam Sewa (GKMS), Now the KVK is providing weekly weather data to the farmers and the line departments at block level.
- Front line demonstration were conducted on different technologies like Improved varieties, Kitchen garden etc.

Selection of Diary Gram, Poultry Gram and Goat Gram



Bihar Animal Sciences University, Patna has extended its extension activity through adopting villages under KVK Jamui selection of Diary Gram, Poultry Gram and Goat Gram. Two villages is adopted named Lalmtiya and Kaduatari under KVK Jamui for Goat Gram and Poultry Gram respectively. Village Lalmtiya is having about 150 families and Goat population of about 1200 with an average of 8 Goats per family. Village Kaduatari is having about 110 family with average poultry size of 15 birds per family. At this occasion Kisan Choupal was organized at Lalmtiya village and 29 farm women participated in this choupal. All participants were motivated for scientific goat farming and queries of women regarding goat farming were clarified. At village Kaduatari Farmers-Scientist discussion was organized and famers were motivated and informed about salient features of scientific poultry farming. At this occasion Subject Matter Specialists from KVK Jamui also interacted with farmers and helped in organizing the programme.

Bihar Animal Sciences University, Patna has extended its extension activity through adopting villages under KVK Jamui selection of Diary Gram, Poultry Gram and Goat Gram. Two villages is adopted named Lalmtiya and Kaduatari under KVK Jamui for Goat Gram and Poultry Gram respectively. Village Lalmtiya is having about



Other Programs undertaken by KVK, Jamui

- Krishi Vigyan Kendra, Jamui conducted 62 Training programmes on different aspects for the farmers and district level extension field workers covering 1534 farmers.
- During COVID-19 lockdown, It started need based on line training of farmers and conducted 15 programmes.
- 35 advisories were broadcasted through print and electronic media before Unlock started.
- Special Skill development programmes on "Seed Production" and "Bee Keeping" was conducted with the support of Agriculture Skill Council of India (ASCI) covering 40 rural youths.
- Special focus was given to cropping system productivity, micro nutrient Status and weed management & Research trials were conducted.
- KVK Jamui, being a partner in Research Trials with ICAR RCER, Patna evaluated the drought tolerant Rice genotypes and 02 Rice varieties as "Swarn Samridhi dhan" and "Swarn Shakti dhan" were released by Gol.
- 380Q seed of drought tolerant Rice variety Swarn Shreya was produced under farmers participatory mode.
- Total 47 other extension activities i.e. Vaccination camps, soil health campaign, Goshthi, Kisan Mela, Vigilance Awareness week, Yoga day etc. were conducted and 2758 farmers were benefitted.

New Joining



Dr V.P. Saini joined the University as Dean, College of Fisheries, Kishanganj on 13 Feb 2020. Earlier Dr. Saini was working as Professor, Aquaculture Research & Seed Unit, Directorate of Research Maharana Pratap University of Agriculture & Technology Udaipur (Rajasthan).

Prof. Dr. Veer Singh joined the University as a DRI-cum-Dean PGS on 22 Feb 2020. Earlier, he was working as Professor and Head (Vet. Para.), Director Students Welfare and NSS Co-ordinator at S. D. Agricultural University, Sardarkushinagar, Dantiwada, Gujarat (34yrs service).



University bids farewell to the Registrar, Dr. P.K. Kapoor



After 1 year and 10 months of service to the Bihar Animal Sciences University, Dr. P. K Kapoor left the University on 22nd June 2020. Dr. Kapoor was relieved from the post of Registrar on personal grounds. Addressing the farewell meeting held in his honor at the conference hall-2 of BVC, Dr. Kapoor recalled the memorable days spent at BASU. He also thanked teachers, students, non-teaching officials and staff for extending their extraordinary cooperation during his short stint. Vice-Chancellor Dr. Rameshwar Singh presented him with a memento and ang-vastra. The Vice-Chancellor in this intimate gathering appreciated the outstanding services rendered by Dr. P. K. Kapoor, he appreciated his commitment towards the University and conveyed best wishes to him.

Retirements

| | | |
|----------------------------|---------------------------------|------------|
| Shri Vinay Kumar | Bihar Veterinary College, Patna | 31-01-2020 |
| Shri Yogendra Singh | Bihar Veterinary College, Patna | 31-01-2020 |
| Shri Gorakh Prasad | Bihar Veterinary College, Patna | 31-01-2020 |
| Shri Harihar Swai | Bihar Veterinary College, Patna | 31-05-2020 |
| Shri Yogendra Ram | Bihar Veterinary College, Patna | 30-06-2020 |
| Shri Abdul Majid | Bihar Veterinary College, Patna | 31-12-2020 |

Special Story

BASU turned the pandemic challenge to opportunity

Contribution on digital learning during COVID19 lockdown period March-July 2020: It is rightly said that "When things do not go your way, remember that every challenge, every adversity, contains within it the seeds of opportunity and growth. It was a big challenge to impart education to the students during lockdown. E-learning was a way out to this and University started its teaching-learning process through zoom meeting app. In spite of the e-classes many students residing in the rural areas were deprived of taking the classes due to network problem and several other issues. University PR & IT Cell took it as challenge and executed their duty by uploading the recording of each lectures taken on YouTube, so that whenever the students get in a good network they can listen to the lectures. The lectures were sent by the teachers through e-mail, which was downloaded by the P.R. Team and was uploaded. These videos were made presentable at YouTube platform by uploading a thumbnail providing the names of college, topic, course and department. A separate playlist for each college was created so that the students could find the lectures easily. The chart below shows the number of lectures uploaded till date.

| Sl. No. | Colleges/Events | Videos Downloaded and Uploaded on YouTube |
|---------|--|---|
| 01. | Bihar Veterinary College Lectures (UG & PG) | 429 |
| 02. | Sanjay Gandhi Institute of Dairy Technology, Patna, Lectures | 177 |
| 03. | College of Fisheries Kishanganj, Lectures | 185 |
| 04. | NAHEP e-Seminar | 010 |
| 05. | Lecture by Experts | 020 |
| 06. | Virtual Orientation Programme | 012 |
| 07. | Live e-seminars/webinars/workshops | 035 |

पशु विज्ञान विवि में ई-रिसोर्स से जारी रहेगी पढ़ाई

पुलवारीशरीफ (एसएनबी)। लोकडाउन के कारण पठन-पाठन पर असर न पड़े। साथ ही पराक्रम को सुदृढ़ करने के उद्देश्य से बिहार पशु विज्ञान विवि ने अपने विद्यार्थियों के लिए ऑनलाइन स्टडी मटेरियल तैयार किया है...



आयकर सेवा के तहत प्रसिद्धि मैगैजिन विभाग, राष्ट्रीय विभागा और पशु प्रशिक्षण विभाग से एक डॉक्यूमेंट मंडूट रहेगी। इस दौरे पर ओपेबी सेने को सेर राजा गया है।

समौल एगमल के केस ज्यादा रहे। रमेश तिवारी ने बताया कि स्नातक एगमल के केस ज्यादा आ रहे हैं जिनमें कुत्ते को लंबाऊ अभिक है। डॉ. तिवारी ने बताया कि लोकडाउन के कारण स्टूडेंट्स डायस के व्यस्तार में परिलक्षित आए हैं। लोकडाउन में छात्र नहीं मिलते एक कारण तो स्काना है जिसके कारण डॉ. डा. एकर परदेस को वाट रहे हैं और इलाज रहे हैं। इस दिने कई केस आये हैं जिनमें पालतू डेन को स्टूडेंट डॉन में काट लिया है।

समान विभाग द्वारा निर्देश दिया गया है। विवि के निदेशक अनुभवराज डॉ. रमेश कुमार ने बताया कि विवि प्रशासन और स्टाफ के साथ बैठक में विवि को भविष्य में बर्तव्य पत्र के बचव के लिए कृषि जाते महेसुधुमा कर्मों पर प्रोटोकॉल देने को कहा गया है, जिसकी रिपोर्टों का रहे हैं। फोन पर हो रहा किसानों की समस्याओं का समाधान कोलेज वायरस के कारण पशुओं के वाट, मुँह दाने, पक्षियों के दाने की कमी पशुओं के खान-पान से संबंधित किसानों की समस्या का समाधान करने द्वारा शिक्षादायक प्रसार शिक्षा विभाग और कृषि विज्ञान केंद्र उम्पू के वैज्ञानिकों द्वारा किया जा रहा है। पशुधरों को खान-पान के प्रकृतिक संसाधनों से कैसे पोषण रहे इस पर जागरूकता देने का रहे हैं।

वैटनरी छात्रों और चिकित्सकों ने सीखे फोटोग्राफी के गुर



बिहार पशु विज्ञान विश्वविद्यालय में आयोजित फोटोग्राफी कार्यशाला का शुभारंभ।

लाइफटाइम अचीवमेंट अवार्ड से नवाजे गये डॉ रामेश्वर सिंह



पशु विज्ञान विश्वविद्यालय में आयोजित लाइफटाइम अचीवमेंट अवार्ड से नवाजे गये डॉ रामेश्वर सिंह।

बिहार पशु विज्ञान विवि में ई-रिसोर्स से पढ़ाई जारी रखेंगे स्टूडेंट्स

पशुधरों के बीच पशु विज्ञान विवि में ऑनलाइन स्टडी मटेरियल तैयार किया गया है। डॉ. तिवारी ने बताया कि लोकडाउन के कारण स्टूडेंट्स डायस के व्यस्तार में परिलक्षित आए हैं। लोकडाउन में छात्र नहीं मिलते एक कारण तो स्काना है जिसके कारण डॉ. डा. एकर परदेस को वाट रहे हैं और इलाज रहे हैं। इस दिने कई केस आये हैं जिनमें पालतू डेन को स्टूडेंट डॉन में काट लिया है।

भवन, डाटा सेंटर और राज्य के पशुपालन पदाधिकारियों के लिए प्रथम कार्यशाला का शुभारंभ



पशुपालन भवन, डाटा सेंटर और राज्य के पशुपालन पदाधिकारियों के लिए प्रथम कार्यशाला का शुभारंभ।

पुरवर्ती छात्र विश्वविद्यालय के गौरव: डॉ. रामेश्वर सिंह

पुरवर्ती छात्र विश्वविद्यालय के गौरव: डॉ. रामेश्वर सिंह। डॉ. रामेश्वर सिंह ने पशु विज्ञान विश्वविद्यालय में ऑनलाइन स्टडी मटेरियल तैयार किया गया है। डॉ. तिवारी ने बताया कि लोकडाउन के कारण स्टूडेंट्स डायस के व्यस्तार में परिलक्षित आए हैं। लोकडाउन में छात्र नहीं मिलते एक कारण तो स्काना है जिसके कारण डॉ. डा. एकर परदेस को वाट रहे हैं और इलाज रहे हैं। इस दिने कई केस आये हैं जिनमें पालतू डेन को स्टूडेंट डॉन में काट लिया है।

लाइफटाइम अवार्ड

लाइफटाइम अवार्ड से नवाजे गये डॉ रामेश्वर सिंह। डॉ. रामेश्वर सिंह ने पशु विज्ञान विश्वविद्यालय में ऑनलाइन स्टडी मटेरियल तैयार किया गया है। डॉ. तिवारी ने बताया कि लोकडाउन के कारण स्टूडेंट्स डायस के व्यस्तार में परिलक्षित आए हैं। लोकडाउन में छात्र नहीं मिलते एक कारण तो स्काना है जिसके कारण डॉ. डा. एकर परदेस को वाट रहे हैं और इलाज रहे हैं। इस दिने कई केस आये हैं जिनमें पालतू डेन को स्टूडेंट डॉन में काट लिया है।

पशुओं के इलाज के लिए तत्पर पशु विज्ञान विश्वविद्यालय

पशुओं के इलाज के लिए तत्पर पशु विज्ञान विश्वविद्यालय। डॉ. तिवारी ने बताया कि लोकडाउन के कारण स्टूडेंट्स डायस के व्यस्तार में परिलक्षित आए हैं। लोकडाउन में छात्र नहीं मिलते एक कारण तो स्काना है जिसके कारण डॉ. डा. एकर परदेस को वाट रहे हैं और इलाज रहे हैं। इस दिने कई केस आये हैं जिनमें पालतू डेन को स्टूडेंट डॉन में काट लिया है।

बिहार पशु विज्ञान विवि में ओरिएंटेशन का समापन

बिहार पशु विज्ञान विश्वविद्यालय में ओरिएंटेशन का समापन। डॉ. तिवारी ने बताया कि लोकडाउन के कारण स्टूडेंट्स डायस के व्यस्तार में परिलक्षित आए हैं। लोकडाउन में छात्र नहीं मिलते एक कारण तो स्काना है जिसके कारण डॉ. डा. एकर परदेस को वाट रहे हैं और इलाज रहे हैं। इस दिने कई केस आये हैं जिनमें पालतू डेन को स्टूडेंट डॉन में काट लिया है।

दैनिक भास्कर 01/05/2020

पशु विज्ञान विवि के 100 से अधिक लेक्चर ऑनलाइन

पशु विज्ञान विवि के 100 से अधिक लेक्चर ऑनलाइन। डॉ. तिवारी ने बताया कि लोकडाउन के कारण स्टूडेंट्स डायस के व्यस्तार में परिलक्षित आए हैं। लोकडाउन में छात्र नहीं मिलते एक कारण तो स्काना है जिसके कारण डॉ. डा. एकर परदेस को वाट रहे हैं और इलाज रहे हैं। इस दिने कई केस आये हैं जिनमें पालतू डेन को स्टूडेंट डॉन में काट लिया है।

ऑनलाइन कोर्स कर लॉक डाउन का उपयोग कर रहे वैटनरी स्टूडेंट्स

ऑनलाइन कोर्स कर लॉक डाउन का उपयोग कर रहे वैटनरी स्टूडेंट्स। डॉ. तिवारी ने बताया कि लोकडाउन के कारण स्टूडेंट्स डायस के व्यस्तार में परिलक्षित आए हैं। लोकडाउन में छात्र नहीं मिलते एक कारण तो स्काना है जिसके कारण डॉ. डा. एकर परदेस को वाट रहे हैं और इलाज रहे हैं। इस दिने कई केस आये हैं जिनमें पालतू डेन को स्टूडेंट डॉन में काट लिया है।

विश्वविद्यालय के सभी कर्मियों ने लॉक डाउन का तैयारी

विश्वविद्यालय के सभी कर्मियों ने लॉक डाउन का तैयारी। डॉ. तिवारी ने बताया कि लोकडाउन के कारण स्टूडेंट्स डायस के व्यस्तार में परिलक्षित आए हैं। लोकडाउन में छात्र नहीं मिलते एक कारण तो स्काना है जिसके कारण डॉ. डा. एकर परदेस को वाट रहे हैं और इलाज रहे हैं। इस दिने कई केस आये हैं जिनमें पालतू डेन को स्टूडेंट डॉन में काट लिया है।

मिलक प्रोसेसिंग की मिली जानकारी

मिलक प्रोसेसिंग की मिली जानकारी। डॉ. तिवारी ने बताया कि लोकडाउन के कारण स्टूडेंट्स डायस के व्यस्तार में परिलक्षित आए हैं। लोकडाउन में छात्र नहीं मिलते एक कारण तो स्काना है जिसके कारण डॉ. डा. एकर परदेस को वाट रहे हैं और इलाज रहे हैं। इस दिने कई केस आये हैं जिनमें पालतू डेन को स्टूडेंट डॉन में काट लिया है।