



e-Newsletter

Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana (Punjab)

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Inside this issue:

Youth Festival	2
Dog Show	3
Viksit Bharat @2047: Voice of Youth	3
Alumni Meet-2023	4
International conference on Diary Engineering	5
Activities under Institu- tional Development Project	6
Research	7
Award(s)/ Honour(s)/ Recognition(s)	8-10
Webinar(s)/Seminar(s)/ Workshop(s)/Training(s)	11-14
Faculty Retirement(s)	14

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From the Desk of the Vice-Chancellor



The University emphasizes on nurturing the students for overall development by actively engaging them in socio-cultural endeavours. The 12th Inter-College Youth Festival of the University organized during November 2023 not only served as a platform for showcasing their abilities but also as a catalyst for self-actualization through participation in a diverse array of competitive events. The esteemed presence of S. Harpal Singh Cheema, Hon'ble Finance Minister Punjab and Sh. Bram Shanker Jimpa, Hon'ble Minister for Revenue and Water Resources, Punjab infused the touch of distinction to the event, imparting a sense of significance and encouragement amongst students.

The University organized Alumni Meet, inviting alumni to embark on a yearning journey back to their *alma mater*. This passionate event served as a jubilant occasion for alumni to reconnect, rekindle old friendships, and recollect their shared experiences with friends, teachers, and colleagues.

The organization of 'Dog Show-2023' stands as a testament to the University's commitment to the well-being of animals and their profound connection with humans. The event not only served as a captivating occasion for dog enthusiasts but also demonstrated scientific fervor of the University's commitment towards promoting a deeper understanding of the unique bonds shared between humans and animals.

The University broadened the horizons of its students through international exposure by sponsoring their visit to the Mahidol University, Thailand; Curtin University, Western Australia; and Asian Institute of Technology, Thailand, under NAHEP-Institutional Development Plan. The University also advanced the expertise of its faculty members through trainings at prestigious international institutions encompassing University of Melbourne, Australia; University of Guelph, Canada; The University of Queensland, Australia; and University of Wisconsin-Madison, USA.

The faculty members brought laurels to the University by earning research projects and awards/honours, and securing positions in professional organizations. The University is going to establish the state's maiden Dairy-Based Inclusive Technology Business Incubation (i-TBI) Centre, with a substantial fiscal support of Rs. 4.23 crores from the Department of Science and Technology, Government of India. This innovative centre is set to be the first of its kind, to serve the livestock sector by promoting culture of innovation, igniting a wave of entrepreneurial spirit and promoting self-employment opportunities in dairy farming.

As we celebrate these accomplishments, I extend my appreciation to the entire University fraternity for your dedication, hard work, and commitment to excellence. I am confident that this momentum will prosper throughout the year 2024 as well.

(Inderjeet Singh)
Vice-Chancellor

Youth Festival

Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana organized the 12th Inter-College Youth Festival from November 6-17, 2023. Dr. H.S. Banga, Registrar of the University inaugurated the off stage phase of the festival, beginning with knowledge sharing and fine arts events. Sh. Bram Shanker Jimpa, Hon'ble Minister for Revenue and Water Resources, Punjab formally inaugurated the on stage phase of the Youth Festival as the Chief Guest on November 15, 2023. Dr. Sangeeta Toor, Director Animal Husbandry Punjab was the Guest of Honour. Different social issues of contemporary times were showcased in the festival. Sh. Jimpa commended the creative and artistic performances of science students, having a thoughtful sense of art and culture.



The festival concluded on November 17, 2023 with a jovial note. S. Harpal Singh Cheema, Hon'ble Finance Minister, Government of Punjab was the Chief Guest of the occasion. He appreciated the dedication and performances of students in various events and applauded the pivotal role of the University in encouraging them to serve the society. S. Mandeep Singh Sidhu, IPS, Commissioner of Police, Ludhiana and Dr. Satbir Singh Gosal, Vice-Chancellor, Punjab Agricultural University were the Guests of Honour. Dr. Inderjeet Singh, Vice-Chancellor of the University said that such festivals are important for upliftment of the personality of students.



More than 200 students of constituent and affiliated colleges of the University competed in 25 events. Sh. Manmohan Waris, a renowned Punjabi folk singer mesmerized the audience with his melodious voice. Best male and female actors were awarded with the Gold medals and cash award in the name of Late Dr. Darshan Bari, a noted Punjabi actor and Kabaddi commentator who served the University as Welfare Officer. College of Veterinary Science, Ludhiana won the 'Overall Trophy', and College of Dairy Science and Technology got the 'Runners Up Trophy'. The faculty members, students and staff of the University and of PAU also attended the festival.

Dog Show



The University organized the 'Dog Show-2023', providing a platform for the dog lovers to gain a better understanding about the health and welfare of these loyal creatures. Sh. Gurpreet Singh Gogi, Member of Legislative Assembly (MLA) from Ludhiana West, and the Chief Guest of the show inaugurated the event. Sh. Gogi underpinned the importance of domestic animals and companion animals throughout the evolution of society and the contribution of dogs in the armed forces in particular. He applauded the services extended by the University for development of livestock sector and hailed the efforts put in for organizing the dog show to create awareness about pet animals. Dr. Inderjeet Singh, Vice-Chancellor of the University highlighted the long association of dogs with the human civilization. He elaborated the growing importance of this relationship in the modern world, especially in the cities where pets provide companionship to children and the adults alike. The research, clinical and training facilities provided by the University for dogs and pet owners were highlighted.

The show provided a platform for pet lovers as well as academicians and industry to develop a sustainable strategy for the development of this sector. Breed competitions were held across different categories of dogs to bring focus on animals with superior performance and acknowledge the contribution of livestock farmers and breeders. Dr. H. S. Dhalla was felicitated for establishing the first Dog Park in North India. A souvenir comprising selected articles on dog health and welfare was also released by the dignitaries. A special show of the Dog Squad of Border Security Force was organized. More than 100 owners showcased their dogs during the breed competition. The owners of winner dogs were honoured at the valedictory function. An exhibition of feed, health supplements and other accessories was also held by the industry.

'Viksit Bharat @2047: Voice of Youth'

Shri Narendra Modi, Hon'ble Prime Minister of India launched 'Viksit Bharat @2047: Voice of Youth' on 11th December 2023 via video conferencing. The Prime Minister addressed the Vice-Chancellors of the Universities, heads of institutes and faculty members in a workshops organised at Raj Bhawans across the country. Dr. Inderjeet Singh, Vice-Chancellor of Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana and officers of the University attended the event in the Raj Bhawan, Chandigarh. Dr. Singh said



that the Viksit Bharat @2047 is an appreciable initiative of government to get feedback in the form of innovative ideas from the students. He mentioned that the youth is our future, and their involvement in the formulation of national plans and priorities will benefit the country. The students and faculty of the University attended the live streaming session.

Alumni Meet-2023

The University organized Alumni Meet on the 18th November 2023 - providing an opportunity to the alumni to reunite the *alma mater*, and cherish the memories with the friends, teachers and colleagues. More than 500 alumni of the University joined the event. S. Gurmeet Singh Khuddian, Hon'ble Minister for Agriculture and Farmers Welfare, Animal Husbandry, Fisheries and Dairy Development and Food Processing Government of Punjab was the Chief Guest of the occasion. S. Khudian also inaugurated the examination and lecture halls of the University. The minister appreciated the role of the University in developing human resource to serve the livestock sector, and for steering the livestock farming and fisheries sectors in the state. Dr. Navin Kumar Jain, National Coordinator, Institutional Development Plan (IDP) was the Guest of Honour. Dr. Jain said that under the IDP, the University has organized various activities to support students and faculty and provided them opportunities to get trained in the world class institutes abroad. Dr. Inderjeet Singh, Vice-Chancellor thanked the alumni for their participation in the event and admired the alumni for having a great interest in supporting their *alma mater* financially. Dr. Sangeeta Toor, Director, and Dr. G.S. Bedi, Joint Director, Department of Animal Husbandry, Punjab, also graced the occasion.



Technical sessions were conducted in respective colleges of the University, where experts from relevant fields shared their knowledge and experiences, as well as exchanged their ideas. A short film on the inception and activities of the University was displayed. On this occasion, three books were released by the dignitaries. An interactive and entertaining fun game session was also organized.



Conference on 'Recent Advances in Engineering Applications for Sustainable Dairying'

College of Dairy Science and Technology organized an international conference on 'Recent Advances in Engineering Applications for Sustainable Dairying' under the aegis of Indian Dairy Engineers Association (IDEA) on 13th - 14th October 2023. Dr. R. S. Sodhi, President, Indian Dairy Association (IDA) was the Chief Guest of the occasion, Dr. Kamal Kumar Garg (IAS), Additional Secretary, Department of Science, Technology and Environment, Government of Punjab was the Guest of Honour, Dr. Inderjeet Singh, Vice-Chancellor of the University and Er. S C Aggarwal, President IDEA also graced the occasion.



Dr. Sodhi underpinned the pivotal role of dairy engineers in the dairy industry and discussed the challenges faced by various stakeholders as well as the opportunities available in this sector. Dr. Kamal Kumar Garg said that conducting an academia -industry interface would provide a common platform for discussing the ongoing issues in the dairy industry. Dr. Inderjeet Singh emphasized on the need for development of state-of-the-art tools for the detection of milk adulteration and said that the dairy engineers and chemists could play a significant role in this endeavor. Seven technical sessions were conducted during the conference and scientists deliberated on various topics including novel bio-based interventions to enhance food quality and functionality, engineering for sustainable dairy, cold chain management, robotics, and artificial intelligence in dairy industry. During the inaugural session, lifetime achievement awards, Best Masters and PhD thesis awards were also given. The valedictory ceremony was graced by Dr. H. S. Banga, Registrar, Guru Angad Dev Veterinary and Animal Sciences University as the Chief Guest, Dr. P. Sudhir Babu, Registrar, Kerala Veterinary and Animal Sciences University as Guest of Honour, Er. S.C. Aggarwal, President, IDEA and Er R K Chugh, Vice President, IDEA.



Ex-Secretary General of the Association of West African Universities visits Dairy College

College of Dairy Science and Technology (CODST) of the University hosted Dr. Abdullahi Yusufu Ribadu, Ex-Secretary General of the Association of West African Universities and former Vice-Chancellor of the Federal University of Technology, Yola; and Sule Lamido University, Nigeria. Dr. Ribadu interacted with faculty and students of the college and appreciated the state-of-the-art facilities available at CODST. He expressed his aspiration to replicate similar advancements in institutions within his home country.



Faculty Training(s) Overseas

- Dr. S Sivakumar, Principal Scientist, College of Dairy Science and Technology visited School of Agriculture, Food and Ecosystem Sciences, University of Melbourne, Australia from 30th October to 04th December 2023. 
- Dr. Rekha Chawla, Associate Professor, Dairy Technology visited School of Agriculture, Food and Ecosystem Sciences, University of Melbourne, Melbourne, Australia from September to December, 2023. 
- Dr. Gopika Talwar, Associate Professor, Dairy Engineering visited University of Guelph, Ontario, Canada for 2 months during August to October 2023. 
- Dr. Narender Kumar, Assistant Professor, Dairy Engineering visited School of Agriculture & Food Sustainability (SAFS), The University of Queensland, St. Lucia Brisbane, Australia from August to December, 2023. 
- Dr. Neeraj Kashyap, Assistant Professor, College of Animal Biotechnology attended 82 days of Faculty International Training at the Department of Animal and Dairy Science, College of Agriculture and Life Sciences, University of Wisconsin-Madison, USA. 

Students Training(s)

- Eleven students of College of Fisheries attended the International Training Programme on '**Post-Harvest Quality Control and Waste Utilization of Seafood Products**' at Institute of Nutrition, Mahidol University, Nakhon Pathom, Thailand from 25th September to 24th October 2023 and got exposure in advanced skills in recycling of seafood waste, fish and seafood processing.



- Twelve students of B.Tech. (Dairy Technology) attended training on 'Recent Developments on Food and Dairy Technology' at School of Molecular and Life Sciences, Curtin University, Perth, Western Australia from 05th September to 2nd October 2023.



- Twelve students of B.Tech. (Dairy Technology) attended training on 'Recent Advances in Food Science and Sustainable Food Production' at Asian Institute of Technology (AIT), Thailand from 15th September to 14th October 2023.



- Thirty one students of College of Dairy Science and Technology and 30 students of College of Fisheries attended training programmes on 'Soft Skills for Capacity Building' at Mahatma Gandhi State Institute of Public Administration during October and December 2023.
- Mr. Lovepreet Singh, alumni of College of Dairy Science and Technology, working in Continuous Improvement Specialist, USA Idaho Milk Products, Idaho, USA visited the college as Industry expert and shared his experiences with students.



Faculty Induction Programme

Directorate of Human Resource Management of the University organized maiden Faculty Induction Programmes (FIP) to familiarize newly recruited faculty with the basic knowledge of the organizational set up, rules and regulations of the University and to empower them with the necessary tools and knowledge to well-prepare them to contribute to the University's mission of advancing education, research, and practice. The resource persons apprised the participants about effective classroom teaching, student psychology, academic modules, research ethos including manuscript and research proposal writing, extension activities, Intellectual Property Rights (IPR) and ethics of animal experimentation.



Research

Dairy-Based Inclusive Technology Business Incubation (i-TBI) Centre

Guru Angad Dev Veterinary and Animal Sciences University with financial support from the Department of Science and Technology (DST) is gearing up to establish Punjab's maiden Dairy-Based Inclusive Technology Business Incubation (i-TBI) Centre at the University campus with project cost of Rs. 4.23 crores. Dr. Inderjeet Singh, Vice-Chancellor said that this would be the first of its kind Dairy Innovation and Incubation Centre in the region which would boost innovations leading to entrepreneurship and self-employment in the livestock sector. This initiative aligns with the vision of the University to create a sustainable and technologically advanced dairy ecosystem. As Punjab takes a significant stride towards a tech-driven dairy future, the establishment of this incubation centre marks a pivotal moment in the state's agricultural history. With the University at the helm and DST's financial backing, the centre is poised to emerge as a catalyst for transformative change, propelling Punjab to the forefront of the dairy industry's technological revolution.

Dr. R S Sethi, Additional Director of Research-cum-Principal Investigator, informed that the contemplated Centre will support startups by providing maker space, conference spaces, and other amenities. In addition, financial support in the form of seed money would also be provided on an individual basis in accordance with DST criteria.



Project on Stem Cell Research

In a major boost for stem cell research in the region, Dr. Ratan K. Choudhary, Assistant Professor of College of Animal Biotechnology has been awarded a prestigious extra-mural grant worth Rs. 23.56 lakhs by the Department of Science and Technology (DST) under its State University Research Excellence (SERB-SURE) program to support his research project titled '**Immunomodulation potentials of apoptotic mesenchymal stem cells**'.



Collaboration with Aalborg University

College of Dairy Science and Technology developed a new research collaboration with Dr. Agneta Ghose, Assistant Professor at the Danish Centre for Environmental Assessment, Aalborg University, Denmark for a Ph.D. study on Carbon Footprint Analysis of Dairy Sector in Punjab. The collaboration would be helpful in understanding the sustainability of milk production and processing in the state besides training of human resources in Life Cycle Assessment (LCA) for conducting environment impact analysis.



Award(s)/ Honour(s)/Recognition(s)

The University Scientists at the helm of NAVS (India) Governing Council



Dr. Y.P.S. Malik, Dean, College of Animal Biotechnology, Dr. Manish Kumar Chatli (on lien), Dr. Varinder Pal Uppal and Dr. Neelam Bansal, Professors, Department of Veterinary Anatomy have been elected as the Governing Council members in the National Academy of Veterinary Sciences (India).

Biotechnologist brings Laurels to the University

- Dr. YPS Malik, Dean of College of Animal Biotechnology has been selected as the Secretary General in the General Body meeting of Indian Virological Society (IVS) for the year 2024-26 during VIROCON-2023 held at ICAR-National Research Centre For Banana, Tiruchirappalli, Tamil Nadu.
- Dr. Malik and Dr. Kalpana Singh (co-author) received Best Poster Presentation Award for the work entitled '**Genetic diversity among p72 and CD2v proteins and their immunogenic epitopes in Asian isolates of African swine fever virus**' during the VIROCON-2023.



Distinguished Scientist Award



Dr. Sunil Kumar, Assistant Professor, College of Dairy Science and Technology has been conferred the Distinguished Scientist Award by the Indian Society for Buffalo Development (ISBD) during the National Conference and Symposium on Modern Approaches for Sustainable Buffalo Production in the Scenario of Climate Change organized by DUVASU, Mathura during 27-28th October 2023.

Laurels in International Symposium on the Promotion of One Health



The faculty and students of Centre for One Health of the University participated in the International Symposium on the Promotion of One Health: Opportunities, Challenges and Solutions cum XIX Annual Conference of the Indian Association of Veterinary Public Health Specialists (IAVPHS), organized by Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar, Haryana, and earned accolades. Dr. J.P.S. Gill, Director of Research, and the President of IAVPHS, delivered a keynote lecture on the '**Situation Analysis of Antimicrobial Usage and Antimicrobial Resistance in the Dairy Sector**'. Dr. J.S. Bedi, Director of Centre for One Health presented a lead paper on the '**Interdisciplinary approach to public health challenges with evidence and implementation of One Health concept**'. Dr. Randhir Singh has been honoured with the Fellow of IAVPHS-2023 Award. Amongst students, Dr. Anamika was bestowed with the Best Ph.D. Thesis Award, Dr(s). Rhythm and Preeti secured the first position in the poster presentation in the themes Antimicrobial Resistance, Climate Change, Environment, & Wildlife and Food Safety and Public Health, respectively. Dr(s). Akshara Babu and Nilam Wavhal earned the second position in the poster and Oral presentation, respectively, in the theme Zoonoses and Trans-boundary Infectious Diseases.

Fellow of the Society of Toxicology India

Dr. M.K. Lonare, Associate Professor has been conferred the '**Fellow of the Society of Toxicology India (FST)**' in 42nd Annual Conference of the Society of Toxicology, India on 'Recent Advances and Future Trends in Toxicology' held at University of Calicut, Kerala from 23rd - 25th November 2023.



Veterinary Pathologists Shine at IAVP Congress

The faculty and students of Department of Veterinary Pathology of the University attended Veterinary Pathology Conference-2023 organized at Indian Veterinary Research Institute, Bareilly (Izatnagar), Uttar Pradesh.

Dr. Priyanka Syal, Assistant Professor, a former Ph.D. Student bagged **Best Second Poster Presentation Award** for her work on role of epithelial mesenchymal transition in canine mammary tumor.



Dr. Sonam Sarita Bal, a Ph.D scholar of the department bagged **First Best Clinical Case Presentation Award** for her presentation on a clinical case of a mixed cell tumor in an ovary of a mare-A case report. Dr. Rajat Sood, M.V.Sc student was awarded **Second Best Clinical Case Presentation Award** for a clinical case presentation on metastatic mixed mammary tumor in a Labrador dog. Dr. Himanshu Garg, another M.V.Sc. student got **Consolation Clinical Case Presentation Award** for his presentation on urinary candidiasis in male Labrador dog: A case report. Dr. Kuldip Gupta, Co-chaired the Young Scientist Award Session and presented a lead paper during the Molecular Oncology session, Dr. Amarjit Singh coordinated the ICVP Technical session and Dr. Naresh Kumar Sood chaired the Toxicopathology session and presented a lead paper in the Pet and Companion Animal Session.

Dairy Technologist Honoured at International Conference

Dr. Pranav K. Singh, Associate Professor, College of Dairy Science and Technology bagged the award for best paper presentation at the 11th International Conference on Fermented Foods, Health Status and Social Well-being, jointly organized by the North Eastern Hill University, Shillong, in association with the Swedish South Asian Network on Fermented Foods.



Dr. Singh presented his paper on **'Nanobubbles – A Promising Technology for their Application in Fermented Dairy Foods'**.

Awards at Annual Convention of the Indian Society for Study of Animal Reproduction

The faculty and students of Department of Veterinary Gynaecology and Obstetrics and Livestock Farms of the University attended the 38th Annual Convention of the Indian Society for Study of Animal Reproduction (ISSAR) and International Symposium on 'Frontiers in Theriogenology: Research and Practice', held at Kerala Veterinary and Animal Sciences University, Mannuthy, Kerala, and earned recognition.

Dr. Ajeet Kumar, Professor bagged the **'Best Presentation Award'** for his work on **'Lameness in Relation to Libido, Semen Quality and Freezability in Crossbred Bulls'**.



Dr. Gurbeer Singh Sandhu, M.V.Sc student was awarded **'Young Scientist Award'** for oral clinical case presentation entitled **'Dicephalus derdymus tetrabrachius tetrapus thoracosternopagus discaudatus monster in buffaloes: a case series'**. Dr. Satnam Singh Brar won **'Best Poster Presentation Award'** for his work on **'Successful management of dystocia due to fetal arthrogyriposis and polydactyly through partial fetotomy in Sahiwal cow'**. Dr. Pardeep Singh Sekhon won **'3rd Best Poster Presentation Award'** for the poster presentation entitled **'Dystocia due to foetal ascites in two crossbred cattle'**. In the General Body meeting of the symposium, the efforts made by Dr Ajeet Kumar, Chief Editor along with the editorial team of The Indian Journal of Animal Reproduction (IJAR) were widely applauded.

Laurels at National Conclave

Dr. M.K. Lonare, received **'Best Research Poster Award'** and Dr. S. Ramanarayanan (Ph.D. student) got **'Dr. V.V. Ranade Young Scientist Award'** at the XXIII Annual Conference of Indian Society of Veterinary Pharmacology and Toxicology and National Symposia on 'Integrated Animal Health Care System: Opportunities and Challenges' and 'Exploring New Avenues for Pharmacologists and Toxicologists from Employability Perspective', organized by College of Veterinary and Animal Science, Rajasthan University of Veterinary and Animal Sciences, Bikaner, Rajasthan from 02nd-04th November 2023.

Society of Life Sciences Awards

- Dr. Prabjeet Singh has been conferred with the ‘**Society of Life Sciences Recognition Award 2023**’ of the Society of Life Sciences (SLS), Satna (M.P.) at its 13th Annual Session on ‘**Biodiversity Conservation and Restoration of Ecosystems**’ at AKS University, Satna held on 24th-25th November 2023. 
- Dr. Abhishek Srivastava was conferred with the ‘**Society of Life Sciences Recognition Award 2023**’ & ‘**Honorary Fellowship of the Society of Life Sciences (SLS), Satna (M.P.)**’ at this event. 

Best Teacher Award(s)

Dr. Grishma Tewari and Dr. Sarbjeet Kaur have been conferred with ‘**Best Teacher Award**’ and ‘**Junior Scientist Award**’, respectively by the Society of Fisheries & Life Sciences, Mangalore (Karnataka) on the occasion of World Fisheries Day on 21st November 2023. 

Award at Commonwealth Countries Forum

Dr. Preeti, M.V.Sc student of Centre for One Health of the University won the Commonwealth Veterinary Association Essay Competition, organized to promote the veterinary profession within the Commonwealth by encouraging the highest professional standards of education, ethics and service in order to advance animal health, productivity and welfare so as to improve the quality of life of all its people. Dr. Preeti has been awarded with the citation and a cash prize of AUS \$500. 

Fellowship at USA for higher studies

Mr. Jasper Shekin J., an alumnus of College of Dairy Science and Technology of the University, got admission to Ph.D. programme in Food Science & Nutrition with full fellowship at the Utah State University, Logan, USA.

Dean, CODST visits University of Saskatchewan

Dr. R. S. Sethi, Dean, College of Dairy Science and Technology visited University of Saskatchewan, Canada from 16th October to 11th November 2023 as a visiting scientist.

Laurels at National Conclave



The students of B.V.Sc. & A.H. of the University participated in the National conclave-cum-training held under the theme ‘**Nurturing Agripreneurship: Scope and opportunities for Economic development**’ sponsored by NAHEP-ICAR-CAAST, under the aegis of the World Bank funded project, held at Maharashtra Animal and Fishery Sciences University, Nagpur, and brought laurels to the institution. Jashn Girotra and Arun Kumar participated in a quiz on agripreneurship. Samaridhi Arora and Avneet Jassal presented posters on the role of women in Agripreneurship in which Samaridhi Arora won second best poster award. Snehal and Jashn shared their experiences on students’ international training program during their visits to West Indies and Brazil under Institutional development program, which was highly applauded by the audience.

International Conclave on Mainstreaming Climate Change

Ms. Antareepa Saikia, a Ph. D. student of College of Fisheries participated in the ‘**International Conclave on Mainstreaming Climate Change in International Fisheries Governance and Fisheries Management in the Indo-Pacific Region**’ held at Mahabalipuram, Chennai from 17-19th October 2023. She was selected amongst the top 25 participants in ‘**Lifting LiFE-An Idea Contest**’ organized by Bay of Bengal Programme-Inter-Governmental Organization (BO BP-IGO) and got a chance to present her concept on ‘GovGear-Fishing for Climate Change Resilience’.

CODST students got placement in AMUL

Seven B.Tech. (Dairy Technology) students of College of Dairy Science & Technology got job through campus placement in Gujarat Cooperative Milk Marketing Federation (GCMMF) popularly known as Amul. All students have been selected for the position of Territory Sales Incharge-I.

Webinar(s)/Seminar(s)/Workshop(s)/Training(s)

World Fisheries Day



Participants of World Fisheries Day

College of Fisheries celebrated the World Fisheries Day highlighting the role of aquatic resources in food, livelihood and economic security of fishing communities of the nation, with an essence of responsibility towards conservation of the aquatic ecosystems and their biodiversity.

'World Soil Day'



World Soil Day'

Krishi Vigyan Kendra, Booh (Tarn Taran) celebrated the 'World Soil Day 2023' at village Khalra (Tarn Taran) under the theme 'Soil and Water: A Source of Life' proposed by the Food and Agriculture Organization of the United Nations. The programme witnessed participation by 150 farmers. Expert(s) acquainted the participants about recycling of nutrient deficiencies in soil to humans through plants and animals, conservation and sustainability of soil health through judicious use of organic and inorganic sources of nutrients, tips to keep soil healthy under different crop management systems, eco-friendly agricultural practices, micro-nutrient management, good and poor-quality irrigation water, and urged farmers to come forward for testing of soil of their farm land regularly. They apprised farmers to apply fertilizer as per the expert recommendations given in the soil health card.

Dairy Stakeholders Workshop(s)



Workshop in progress

The Directorate of Extension Education of the University in association with Progressive Live-stock Farmers Association (PLFA) and Centre for Excellence for Dairy Skills in India (CEDSI) organized a workshop under the theme '**Opportunity and Challenge in Dairy Farming**' on 09th November 2023. Expert(s) highlighted the challenges and opportunities in dairy development, environment sustainable dairy production, integrated farming, value addition of milk, extension services, waste management etc. and cleared myths regarding the traditional treatment methods applied by the dairy owners.

Similarly, the Directorate in association with Centre for Excellence for Dairy Skills in India (CEDSI) organized a dairy stakeholders workshop under the theme '**Opportunities and Challenge in Dairy Animal Nutrition**'. A total of 70 members of All Feed Millers Association (AFMA) participated in the programme. Expert(s) highlighted the key features in profitable dairy farming. They also discussed about prolapse, magnesium tetany and aflatoxins cases which can be prevented by proper nutrition, and advised to reduce the concentrate protein content in winters due to presence of high protein in leguminous fodders.

Training on Cow milk processing

CODST imparted specialized training on cow milk processing for the production of khoa and khoa-based products to Ms. Sonal Verma, a dynamic and successful entrepreneur from South Africa on 4th-5th October 2023. The expert(s) shared expertise and knowledge with Ms. Sonal through insightful discussions, hands-on training, and the exchange of innovative ideas.

Interface meeting with Goat Farmers



Participants of Interface meeting

The University expert(s) held an interface meeting with Goat Farmers at village Bhundri (Ludhiana) under the project, AICRP on goat improvement. The expert(s) sensitized the farmers regarding management practices under stall fed conditions and semi-intensive system with special emphasis on feed management, and explained the feeding systems in the face of shrinking pastures and emerging diseases in livestock. The breed improvement as a means to increase productivity, Herd Health management, and diagnostic facilities in the University for timely treatment were elaborated. The nutritional supplements and Health Kits were also distributed to create awareness regarding preventive measures against health conditions induced by management problems.

Lecture Series on 'Alternatives to Antibiotics for Control of Bacterial Infections'

College of Veterinary Science, Rampura Phul conducted three days Online Lecture Series on 'Alternatives to Antibiotics for Control of Bacterial Infections' from 9-11th October 2023.

Training program on 'Prospectus of Beetal goat farming in Punjab'

College of Veterinary Science, Rampura Phul organized a training programme on 'Prospectus of Beetal goat farming in Punjab' on 21st November 2023 under the AICRP on Goat Improvement. Twelve goat farmers participated in the programme.



Mobilization and Awareness programme(s) for promotion of Farmer Producer Organization (FPOs)



Awareness programme(s) for promotion of FPOs

Directorate of Extension Education organized Mobilization and Awareness programme(s) for promotion of Farmer Producer Organization (FPOs) at village Mushkabad (Ludhiana). A total of 40 farmers participated in the programme conducted under the research project 'Promotion of Farmers Producer Organization (FPO) on Dairy Farming in district Ludhiana' funded by National Bank for Agriculture and Rural development (NABARD).

Training on Intensive Aquaculture Systems



Participants of training with the University experts

College of Fisheries (COF) organized a training on Intensive Aquaculture Systems - Recirculatory Aquaculture System (RAS) and Biofloc based Aquaculture System (BFAS) at 'Capacity Building Resource Centre for Intensive Aquaculture Technologies', established under Pradhan Mantri Matsya Sampada Yojana (PMMSY) of Department of Fisheries, Government of India. A total of 43 participants attended the training and got benefitted. The elaborative practical demonstrations and sessions were conducted by the technical coordinators.

Training to Promote Fish Farming in Kandi Area



Training to Promote Fish Farming

College of Fisheries (COF) in collaboration with Regional Research and Training Centre (RRTC) of the University at Talwara conducted a training programme for promoting Pangas catfish farming in the Kandi area of Hoshiarpur, Punjab. Thirty stakeholders attended the training and got benefitted. Expert(s) apprised the participants about the best management practices (BMPs) for Pangas catfish production in Kandi area and its post-harvest management, including processing, value addition and marketing strategies. Besides technical inputs, the trainees were informed about various state/central government promotional schemes, which can give them the required impetus to take up fish farming for extra income and prosperity.

Exposure visit of Uttrakhand Fish Farmers



Fish farmers of Uttrakhand at the University

Fish farmers from district Pauri of Uttarakhand visited the Instructional-cum-Research Farm of College of Fisheries of the University on 21st December 2023 and learned about fisheries activities from the University scientists.

Training on 'Skill Development on Ornamental Fish Culture, Breeding & Aquarium Fabrication'

College of Fisheries organized training on 'Skill Development on Ornamental Fish Culture, Breeding and Aquarium Fabrication' from 18-20th October 2023 under the ICAR SC-SP programme.

Interactive session on Skill Development

Placement Cell, College of Veterinary Science in collaboration with Department of Teaching Veterinary Clinical Complex of the University organized an interactive talk on Skill Development. A total of 200



students/ faculty members participated in the event. Dr. Sandeep Singh Kaura, Adviser to the National Skill Development Corporation (NSDC), Ministry of Skill Development & Entrepreneurship, Government of India and Adviser to the Chief Minister, Government of Punjab (Skill Development & Technical Education) delivered an expert lecture. He informed about signing first of its kind in World, a tripartite MOU between Punjab Skill Development Mission, AIIMS Bathinda and Punjab Ghar Ghar Rozgar and Karobar Mission (PGRKM) to set up centre of excellence in Health sectors at AIIMS Bathinda.

Activities under Farmer FIRST Project

Introduction of Integrated Farming System



- The University introduced an Integrated Farming System (IFS) at village Pamal (Ludhiana) and organized camps on IFS and goat welfare. Expert (s) delivered lectures on an integrated farming system, role of livestock species in the integrated farming system, and plantation crops to be incorporated into the integrated system. Fodder kits were distributed to the farmers as an initial step towards setting up an integrated farming system. Team members also visited the goat farmers and discussed about various problems faced by them. The overall health of the flocks was observed and the goat farmers were advised for the management and feeding practices accordingly. Health kits were also distributed to the goat farmers to take general care of the flock.

- The University conducted training-cum-demonstration on Integrated Farming System in villages Pamal (Ludhiana) and Mehal Kalan (Barnala). The expert(s) enlightened the participants about agronomic practices for the cultivation of rabi crops, economic feed formulation for dairy animals, major interventions for IFS, use of paddy straw in animal feeding and housing etc.

Trace Mineral Feeding Camp



The University organized camp(s) on trace minerals feeding in dairy animals at village(s) Hamidi and Dhaner (Barnala). Expert(s) imparted scientific knowledge about role of trace minerals in enhancing animal productivity, prevention of various diseases, livestock technologies, and maintenance of hygiene in farms to prevent mastitis.

Training on Beetal Goat Farming



Participants of training on beetal goat farming with the University scientists

Krishi Vigyan Kendra, Handiaya (Barnala) conducted a training on 'Prospects of Beetal goat farming in Punjab' under the All India Coordinated Research Project (AICRP) on Goat Improvement. Expert(s) discussed the scope of goat farming in Punjab, role of balanced nutrition in goat production, management practices to increase the productivity, significance of improved housing as a means to reduce weather-induced stress on goats, proper nutrition, herd health and timely vaccination of kids for optimum growth. Nutritional supplements and Health Kits were also distributed to the participants.

Kisan Mela on 'Crop Residue Management'



Krishi Vigyan Kendra (KVK), Booh (Tarn Taran) organised Kisan Mela on 'Crop Residue Management' at Harike Pattan. Dr. P.S. Brar, Director, Extension Education of the University graced the event as the Chief Guest and Sh. Dilbag Singh, Chairman, Market Committee, Harike was the Special Guest. A total of 800 farmers took part in the event featuring exhibitions from various governmental and private entities, as well as Self-Help Groups (SHGs). The experts from the Veterinary University vis-à-vis Punjab Agricultural University delivered insights on diverse facets of crop residue management. The progressive farmers engaged in crop residue management were also honoured on the occasion. Different articles prepared from Parali by SHG with the guidance of KVK scientist(s) were released by the dignitaries.

Faculty Retirements



Dr. Satyavan Rampal, Director Students' Welfare-cum-Estate Officer and Dr. S. K. Kansal, Professor, Department of Veterinary and Animal Husbandry Extension Education superannuated from the University on 31st October 2023. The University Teachers Association organised a function in their honour. Dr. Inderjeet Singh, Vice-Chancellor appreciated the meticulous and visionary efforts made by both the scientists for ascendancy of the University.