



## e-Newsletter

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

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## October - December 2025 (4)

### From the Desk of the Vice-Chancellor



Guru Angad Dev Veterinary and Animal Sciences University is continuing its' dominance as a centre of excellence in the field of Veterinary and Animal Sciences. Forwarding the legacy, during the last quarter of 2025, the University seized dynamic progression and multifaceted achievements in academic, research and extension activities. As a significant stride towards strengthening the international academic footprint by providing world-class residential and learning support to foreign students and scholars, the University is going to construct the International Hostel.

The University showcased the academic leadership and interdisciplinary collaboration through the successful organization of the International Symposium on 'Advancing One Health' and the XXI Annual Conference of the Indian Association of Veterinary Public Health Specialists. This initiative, gathering medical, veterinary, environmental and policy experts on a single platform, further strengthened the University's efforts to promote integrated One Health approaches to address emerging global health challenges. Sustainable and eco-friendly environment remains at the core of University priorities. The introduction of e-vehicles for campus security and operations, along with an e-loader through generous Corporate Social Responsibility support from industry partners, further strengthened the University's eco-friendly approach.

The University continues to expand its research and innovation ecosystem through strategic Memoranda of Understanding with premier institutions and industry leaders, including AIIMS Bathinda, Adisseo Animal Nutrition India, National Research Centre on Camel etc. The award of MSME-funded research project further strengthens the University's mandate of translating science into entrepreneurship and livelihood enhancement. The University fraternity earned national and international accolades across diverse domains, further boosting the culture of excellence and innovation. Student development and cultural enrichment remain at the heart of campus life. The 14<sup>th</sup> Inter-College Youth Festival 'YuvTarang' beautifully blended creativity, cultural heritage and social consciousness, showcasing the talent and confidence of students.

The University organised various extension activities for disseminating scientific knowledge amongst farmers and other stakeholders, viz. Pashu Palan Mela, skill-oriented training programmes in dairy, poultry, fisheries, value addition, etc. Standing in solidarity with flood affected farmers, the University organised animal healthcare and welfare camps. Commemorating the 350<sup>th</sup> martyrdom anniversary of Sri Guru Tegh Bahadur Ji, the University continues to uphold values of tolerance, justice and service, steering the academic mission and societal engagement of the institution .

I extend my heartfelt appreciation to the faculty, staff and students, whose dedication and cooperation make these accomplishments possible. Let us move forward to the New Year with renewed resolve to advance science, nurture talent, empower communities and contribute meaningfully to national development and global well-being.

Wishing you all HAPPY NEW YEAR-2026!

(JPS Gill)  
Vice-Chancellor

### Director General, ICAR laid Foundation Stone of International Hostel

Dr. M.L. Jat, Director General, Indian Council of Agricultural Research (ICAR) and Secretary, Department of Agricultural Research and Education (DARE), Government of India laid the foundation stone for a state-of-the-art International Hostel at Guru Angad Dev Veterinary and Animal Sciences University. The Hostel will cater to the accommodation and academic needs of foreign students and scholars, thereby strengthening the University's global academic outreach and collaborative initiatives.



Dr. J.P.S. Gill, Vice-Chancellor, welcomed Dr. M.L. Jat and highlighted the University's commitment of providing world-class facilities to international students while fostering multicultural exchange and academic excellence. Dr. Jat visited the University Dairy and Fish Farms as well as Multispecialty Veterinary Hospital, and appreciated the accomplishments of the University in the field of veterinary services, dairy, animal breed development programmes and fisheries. With financial assistance from ICAR, the two-storey International Hostel will comprise 20 fully equipped rooms accommodating 40 guests, along with a recreation lobby and modern amenities. Dr. S.S. Gosal, Vice-Chancellor, Punjab Agricultural University, Ludhiana; Dr. Rajbir Singh, Deputy Director General (Education), ICAR; Dr. Nachiket Kotwaliwale, Director, Central Institute of Post-Harvest Engineering and Technology (CIPHET), Dr. H.S. Jatt, Director, Indian Institute of Maize Research (IIMR); Dr. Parvender Sheoran, Director, ATARI Zone-I, ICAR also graced the occasion.

### Strengthening of Green Initiatives with E-Vehicles

The University advanced its promises to environmental sustainability with the addition of eco-friendly vehicles. S. Gurmeet Singh Khuddian, Hon'ble Cabinet Minister for Agriculture and Farmers Welfare, Animal Husbandry, Fisheries and Dairy Development, and Food Processing, Govt. of Punjab flagged off two electric vehicles provided by the Vardhman Group for routine security patrolling in the University campus. The eco-friendly vehicles have been provided under the aegis of Vardhman's Corporate Social Responsibility (CSR) initiative '*Prakriti*', aimed to reduce environmental pollution and promote sustainable mobility. Dr. J.P.S. Gill, Vice-Chancellor expressed gratitude to Mr. Sachit Jain, Chairman, Vardhman Special Steels Limited and his team for extending support under the CSR.



The University received an E-loader donated by Sh. Mahesh Mittal, Managing Director, Aarti Steel International Ltd. under CSR from the Industry. The vehicle was handed over by Mr. Krishan Kumar, CEO of Aarti Steel international Ltd to Dr. J.P.S. Gill, Vice-Chancellor of the University. The E-loader will aid in various campus operations while supporting clean and green infrastructure. Dr. Gill thanked the donors and said together, these initiatives will strengthen the University's green infrastructure, promote sustainable practices and set a model for environmentally responsible campus management.



## International Conference on 'One Health'



The University successfully hosted the International Symposium on '**Advancing One Health: Concept to Action for Promoting Human, Animal and Environmental Health**' and the XXI Annual Conference of the Indian Association of Veterinary Public Health Specialists (IAVPHS) on 11-12 December 2025. The event brought together over 200 delegates from India and abroad, including eminent scientists, clinicians, academicians, policymakers and students.

In his Presidential Address, Dr. J.P.S. Gill, Vice-Chancellor of the University and President, IAVPHS, emphasized the critical role of the One Health approach in addressing zoonotic diseases, antimicrobial resistance, climate-related risks and food safety challenges. Dr. J.S. Bedi, Organizing Secretary, highlighted the strong national and international commitment reflected in the enthusiastic participation. Eminent speakers including Prof. Gurpreet Singh Wander, Principal, Dayanand Medical College & Hospital (DMCH), Ludhiana and Prof. Rajeev Sood, Vice-Chancellor, Baba Farid University of Health Sciences (BFUHS), Faridkot stressed the importance of medical-veterinary collaboration, joint training programmes and shared data systems for national preparedness. The keynote address by Dr. Tarun Shridhar (IAS Retd.), Former Secretary, Government of India, focused on embedding One Health into governance and policy frameworks.

The conference featured high-level scientific deliberations on environment, wildlife health, animal health, biosecurity, diagnostics and innovations. Dr. Emily Jenkins, Western College of Veterinary Medicine, Canada, delivered a talk on wildlife-livestock-human interfaces, sharing lessons from the Canadian experience. Dr. Jeroen Dewulf, Ghent University, Belgium, highlighted global farm biosecurity and Anti-Microbial Resistance reduction strategies. Dr. Parag Nigam, Wildlife Institute of India, emphasized the crucial role of wildlife health in understanding and predicting emerging infectious diseases. Dr. Vikram Saini, AIIMS New Delhi,



presented genomic perspectives on pathogen diversity, while Dr. Narender Hegde, National Institute of Animal Biotechnology, Hyderabad, outlined modern diagnostic innovations spanning symptom-based detection to Clustered Regularly Interspaced Short Palindromic Repeats (CRISPR) technologies. An Academic-Industry Synergy Meet, poster exhibitions, and parallel oral presentations further enriched the scientific exchange.

Dr. J.P.S. Gill congratulated all IAVPHS and conference awardees and expressed deep appreciation to the experts, delegates, students, and industry partners for advancing the One Health mission. Dr. R.S. Aulakh, Organizing Secretary, expressed gratitude to all dignitaries, collaborators, sponsors, faculty, students, and delegates for their support in making the event a grand success.

The symposium illustrated the University's commitment to interdisciplinary collaboration and development of scientifically grounded solutions to enhance the health of people, animals and environment.

## Youth Festival

Guru Angad Dev Veterinary and Animal Sciences University held its 14<sup>th</sup> Inter-College Youth Festival 'YuvTarang' in two phases from November 26-29 and December 3-5, 2025, wherein 250 students showcased their creative, cultural and intellectual talent. Dr. J.P.S. Gill, Vice-Chancellor, inaugurated the off-stage segment of the festival and encouraged students to make full use of the platform to sharpen their skills and express creativity. The off-stage event witnessed competitions including photography, quiz, Shabad Gayan, poster making, cartooning, painting, clay modeling, collage making, Rangoli, installation, elocution, poetry, creative writing, extempore and debate, offering students a platform to express their imagination, analytical skills and artistic flair.



The stage events were formally inaugurated by Sh. Himanshu Jain, IAS, Deputy Commissioner, Ludhiana, who graced the occasion as the 'Chief Guest'. Sh Jasdev Singh Sekhon, Assistant Commissioner, Municipal Corporation, Ludhiana and Dr. Parvender Sheron, Director, ICAR- ATARI were the 'Guest of Honour'. Dr. J.P.S. Gill, Vice-Chancellor, presided over the function. The stage events featured musical and dance performances including folk and group songs, light vocal performances, as well as vibrant theatre competitions like mime, skits, mimicry and one-act plays, many addressing social, historical, and contemporary issues, including women's empowerment, global harmony, social injustice, environmental concerns and cultural heritage. Students also actively celebrated Punjabi traditions through turban tying, mehndi applying, *lambi gutt*, and *Kavishri* competitions, highlighting regional artistry and cultural pride.



Sh. Harpreet Singh Sandhu, State Information Commissioner and Dr. Satbir Singh Gosal, Vice-Chancellor, Punjab Agricultural University, Ludhiana graced the concluding day of the festival. Dr. J.P.S. Gill emphasized the importance of holistic development, encouraging students to balance professional studies with creative and cultural pursuits. Dr. R.S. Aulakh, Director Students' Welfare, highlighted the festival's role in boosting confidence, leadership, teamwork and social sensitivity amongst students. Dr. S.P.S. Ghuman, Organizing Secretary briefed that over the course of the week, competitions recognized excellence across diverse categories.

The College of Veterinary Science, Ludhiana lifted the overall champion. The festival successfully blended education, creativity, culture, and social awareness, providing students with a dynamic platform to showcase their talents, celebrate heritage and engage with pressing social and environmental issues, making 'YuvTarang - 2025' a vibrant and memorable celebration of youth, creativity and academic excellence.

### Sri Lankan Scholar Joins the University as Post-doc Fellow

Dr. Dulari S. Thilakarathne, Senior Lecturer at the University of Peradeniya, Sri Lanka, has joined the Department of Veterinary Microbiology of Guru Angad Dev Veterinary and Animal Sciences University under the prestigious India Science and Research Fellowship (DST-ISRF) programme of Department of Science and Technology. During her fellowship, Dr. Thilakarathne will work on parvoviruses of canine and porcine origin to study their prevalence and develop improved diagnostic methods that could be implemented in the field.

Dr J.P.S. Gill, Vice-Chancellor, congratulated Dr. Gurpreet Kaur, Professor in the host department, for initiating this collaboration and highlighted that this academic exchange will strengthen the long-term research linkage with the University of Peradeniya.



### Release of Book 'THE UNDERDOG'



The University hosted the release ceremony of 'THE UNDERDOG', an inspiring book authored by Canada-based veterinarian Dr. Hakam Bhullar. The book narrates the challenges Dr. Bhullar faced as an immigrant veterinarian in Canada, and how he overcame those through determination, integrity, and commitment to animal welfare, offering a broader reflection on the struggles faced by immigrants abroad. S. Gurmeet Singh Khuddian, Hon'ble Cabinet Minister for Agriculture, Animal Husbandry, Fisheries and Dairy Development, Punjab presided over the function, and lauded Dr. Bhullar for documenting a powerful story of resilience, inspiring youth to confront challenges.

Dr J.P.S. Gill, Vice-Chancellor praised Dr. Bhullar as an exemplary alumnus of the University who has upheld the values of the University throughout his career, and said that the book will motivate veterinary students to broaden their horizons and pursue excellence with honesty and dedication.

Dr. R.S. Aulakh, Director Students' Welfare shared the professional journey of Dr. Bhullar and highlighted the professional courage and perseverance presented in the narrative. Dr. Bhullar expressed heartfelt gratitude to his *alma mater*, describing the launch as an emotional homecoming and emphasizing that the book represents a broader fight against injustice, encouraging students to remain resilient and principled in their professional and personal lives.

## Research Endeavours

### University Bags MSME Funded Project

Department of Livestock Production Management of the University has been awarded a project worth Rs. 24.8 lakhs by the Ministry of Micro, Small and Medium Enterprises (MSME) for ‘**Advanced Entrepreneurship, skill and Management Development Programmes on Dairy Farming**’. The project with team of experts comprising Dr. Suresh Kumar (PI), Dr. Yashpal Singh, Dr. R.S. Grewal, and Dr. S.T. Singh aims to impart hands-on experiential learning to upgrade scientific dairy farming, value addition chain and marketing skills of the stakeholders.

### Memorandum of Understanding (MoU) to Promote Goat Cheese Production and Entrepreneurship



The University signed a Memorandum of Understanding (MoU) with Green Pockets Private Limited for the development and promotion of Goat Milk Cheese (Chèvre) in the state of Punjab. This MoU was signed by Mr. Bhupinder Singh Brar, CEO, Green Pockets Pvt. Ltd. and Dr. P.S. Brar, Director of Research of the University, in the presence of Dr. J.P.S. Gill, Vice-Chancellor. The collaboration aims to promote ‘Chèvre cheese’ making, support entrepreneurship in goat milk processing and provide value-added market opportunities to goat farmers for livelihood diversification in Punjab.

Dr. J.P.S. Gill, Vice-Chancellor, highlighted the initiative as a step towards integrating scientific innovation with entrepreneurship, noting the strong domestic and export potential of goat cheese. Dr. R.S. Grewal, Director of Extension Education, assured full institutional support, including continuous hand-holding and expert guidance. The Dean, College of Dairy and Food Science Technology, emphasized that the initiative aligns with the University’s mission of promoting value addition and skilled manpower development.

### MoU with AIIMS, Bathinda



The University signed the MoU with All India Institute of Medical Sciences (AIIMS), Bathinda to strengthen the One Health framework in Punjab. This collaboration aims to promote integrated research, education, and capacity building across human, animal, and environmental health sectors. The partnership will enhance zoonotic disease surveillance, antimicrobial resistance management, and public health preparedness through interdisciplinary cooperation. Overall, the MoU marks a significant step toward holistic and sustainable health solutions in the state.

### MoU with Adisseo Animal Nutrition India



The University inked the MoU with Adisseo Animal Nutrition India Pvt. Ltd. to launch a joint research project entitled ‘**Effect of Rumen-Protected Methionine on Blood Methionine Concentrations and Milk Constituents in Crossbred Holstein-Friesian Cows**’. The MoU was signed by Dr. P.S. Brar, Director of Research and Dr. Tarun Pal, Commercial Director, Adisseo ISC. Dr. J.P.S. Gill, Vice-Chancellor, highlighted the collaboration as a strong example of industry–academia synergy aimed at harnessing scientific innovation to solve real-world challenges in animal nutrition. The project will evaluate rumen-protected methionine and its hydroxy analogues to enhance milk yield, fat, and protein content, thereby improving farm profitability. Dr. R.S. Grewal, Director of Extension Education, stated that the research outcome of the project will be disseminated through extension platforms.

### MoU with National Research Centre on Camel



The University inked a MoU with the National Research Centre on Camel (ICAR-NRCC), Bikaner to promote and accelerate the progress of research and training in animal husbandry and veterinary sciences. The MoU was signed by Dr. P.S. Brar, Director of Research and Dr. Anil Kumar Punia, Director, ICAR-NRCC, Bikaner in the presence of Dr. J.P.S. Gill, Vice-Chancellor of the University. Dr. Gill described the collaboration as a strong example of academia partnership aimed at addressing practical challenges in animal health and production through scientific innovation and interventions. Through this MoU, both the institutes have agreed to promote cooperation in the field by exchange of scientists, students and technologists and by development and implementation of collaborative research projects.

### VLIIF Strengthens Innovation Ecosystem with New Incubation Agreement

The Veterinary and Livestock Innovation and Incubation Foundation (VLIIF)-a Section 8 company of the University expanded its startup ecosystem by signing an incubation agreement with APA Works Pvt. Ltd. Dr. R.S. Sethi, Additional Director Research and Director of VLIIF said that the collaboration aims to further enrich the innovation landscape by encouraging stronger partnerships among academia, startups and the industry. Dr. J.P.S. Gill, Vice-Chancellor, expressed that the partnership will help bridge the gap between research and commercialization, opening up new opportunities for young innovators, scientists, and entrepreneurs working in livestock and allied fields.



### ***Pashu Palan Mela at Veterinary College, Rampura Phul***



College of Veterinary Science, Rampura Phul organized *Pashu Palan Mela* under the theme '*Pashu Palan-Kheti da Mann, Punjab di Shaan*' on 13<sup>th</sup> November 2025. S. Gurmeet Singh Khuddian, Hon'ble Cabinet Minister, Agriculture and Farmers' Welfare, Animal Husbandry, Dairying and Fisheries, Government of Punjab graced the occasion as the 'Chief Guest' and S. Balkar Singh Sidhu, Member of Legislative Assembly, Punjab was the 'Guest of Honour'. Addressing the gathering, the Chief Guest underlined the importance of livestock farming as a source of regular income for farmers and appreciated the University's grassroots-level efforts in addressing animal health issues. Dr. J.P.S. Gill, Vice-Chancellor shared that the University is in the process of adopting villages so that the University scientists can reach out to the farmers to help them in every aspect. He also highlighted the relevance of efficient animal husbandry practices, besides the scope of entrepreneurial ventures associated with value-added livestock products for achieving greater profits in livestock farming.

The *Mela* emphasizing the adoption of modern, sustainable animal husbandry practices to enhance productivity and profitability in livestock farming, featured a wide variety of exhibits, live demonstrations on dairy farming, poultry management and sustainable farming practices, and expert advice on efficient strategies to tackle the common problems associated with livestock farming. Competitions for best livestock, including Murrah buffalo, Holstein Friesian cattle, Beetal goats and Kajali sheep were a major attraction. The fair included a marketplace with local vendors offering products related to animal feed, equipment and health supplements. Dr. Ravinder Singh Grewal, Director of Extension Education emphasized the significance of such events and Dr. Kuldip Gupta, Dean, College of Veterinary Science, Rampura Phul, extended gratitude to everyone involved for making the *Mela* a grand success.

### **Visit of Sh. Sandeep N. Mahatme, Private Secretary to the Cabinet Minister, Govt. of India**

Sh. Sandeep N. Mahatme, Private Secretary to the Minister of Fisheries, Animal Husbandry & Dairying, Government of India, visited the University. Dr J.P.S. Gill, Vice-Chancellor briefed him about the University's teaching, research and extension initiatives aimed at strengthening the livestock and fisheries sectors. During the visit, Sh. Mahatme toured key facilities including the Fisheries Farm, Dairy Farms, Embryo Transfer Technology Laboratory, advanced research laboratories and the Multi-Speciality Veterinary Hospital. Sh. Mahatme appreciated the quality of veterinary diagnostic and treatment services and commended the University's commitment to farmer welfare, encouraging further expansion of outreach and emergency services. He assured continued cooperation for initiatives related to livestock development, farmers' welfare and environmental sustainability. Sh. Mahatme also visited a couple of commercial dairy farms of Punjab and expressed appreciation for the significant advances made by the state in dairy farming practices.



## Awards/Honours/Recognitions

### Awards at International Symposium on 'Advancing One Health'

Dr. J.P.S. Gill, Vice-Chancellor, was honoured with the Lifetime Achievement Award for his exceptional contributions to veterinary public health at the International Symposium on 'Advancing One Health: Concept to Action for Promoting Human, Animal and Environmental Health' and the XXI Annual Conference of the Indian Association of Veterinary Public Health Specialists (IAVPHS) held at Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana on 11-12 December 2025. Dr. J.S. Bedi, Director of Centre for One Health, received the prestigious A.T. Sherikar Outstanding Public Health Veterinarian Award. Dr. Simranpreet Kaur got Dr. R.K. Agarwal Food Safety Award, and Dr. Iqra Arif earned the Best Ph.D. Thesis Award. Apart from these, the University fraternity also bagged Best Oral Presentation and Best Poster Awards.



### Scientist recognized at Conference in Thailand

Dr. Randhir Singh, Assistant Professor, Department of Veterinary Medicine has been conferred the distinguished De-Facto Specialist Certification (Diplomate) by the Asian Society of Veterinary Clinical Dermatology (ASVCD) during its Seventh Continental Conference held in Bangkok, Thailand. Dr. Singh was also nominated as Vice-President of ASVCD-India during the executive council meeting.



### Laurels at the International Conference

Faculty and students from the College of Animal Biotechnology participated in the XXX<sup>th</sup> Annual Convention and International Conference on 'Envisioning Livestock Production and Protection under the One Health Landscape' organized by the Indian Society of Veterinary Immunology and Biotechnology (ISVIB) at ICAR-Indian Veterinary Research Institute, Mukteswar, Nainital, Uttarakhand, and brought to the University by winning awards.

Dr. Adarsh Mishra received the Best Oral Presentation Award for his presentation on 'Molecular Characterization of Emerging Ungulate Tetraparvovirus 3 in Swine Herd in Punjab, India'.



Dr. Manu M. earned the Best Poster Presentation Award for his work on 'Development of a Duplex TaqMan Real-time PCR Assay for Simultaneous Detection of African and Classical Swine Fever Viruses.' Doctoral scholars, Ms. Jaswinder Kaur and Ms. Aakriti Pathania won the ISVIB-Young Scientist Award and Third Prize in Oral Presentation, respectively, while postgraduate student Ms. Awantika Pathak bagged the Travel Grant Award.

### National-Level Best Article Awards

Two scientists from the Centre for One Health of the University, Dr. Deepthi Vijay and Dr. Kriti Singh won the 'Best Article Award – Certificate of Excellence in Article Writing' in the Faculty category of Veterinary and Animal Sciences at the National-Level Article Writing Competition organized by the Indian Veterinary Association, Kerala. Dr. Deepthi Vijay got awarded for her article entitled 'From Farm Gates to Global Health: Leveraging Biosecurity to Tackle Antimicrobial Resistance'. Dr. Kriti Singh was awarded for her review article 'Loop-Mediated Isothermal Amplification (LAMP) in Food Microbiology: A Comprehensive Review'. Both of these articles will be featured in the 'Frontiers in Veterinary Medicine: Advanced Diagnostics, Therapies and One Health Strategies'.



### Scientists Excel at 13<sup>th</sup> Conference and National Symposium of Indian Meat Science Association

Faculty and students from the Department of Livestock Products Technology participated in the 13<sup>th</sup> Conference of the Indian Meat Science Association (IMSA) and National Symposium on 'Leveraging Frontier Technologies in the Meat Sector towards Protein Security in Viksit Bharat', organized by the Division of LPT at Indian Veterinary Research Institute, Izatnagar and won awards. Dr. Nitin Mehta, Professor-cum-Head, received the prestigious Dr. V. V. Kulkarni Mid-Career Research Award-2025, and Dr. Pavan Kumar, Scientist, was elected as a Fellow of IMSA. Students of the department secured the Best Poster Award, Best Oral Presentation Award alongside earning the IMSA Travel Grant Award.



### Dr. P. Kothandaraman Memorial Award

Dr. Gurjot Kaur Mavi, Scientist, Directorate of Livestock Farms, has been honored with Indian Poultry Science Association (IPSA) - Dr. P. Kothandaraman Memorial Award-2025 at the 40<sup>th</sup> Annual Conference and National Symposium of the Indian Poultry Science Association (IPSACON 2025) held at ICAR-Directorate of Poultry Research, Hyderabad. She also bagged Best Oral presentation award.



### University receives Elite Young Bull under Murrah Buffalo Breed Improvement Initiative

In a landmark stride towards strengthening *Murrah* buffalo genetic improvement in Punjab and Northern India, the University has received one-year-old elite *Murrah* bull as a generous gift from renowned Haryana dairy farmer, Sh. Shiv Kumar Redhu of Village Balak, Hisar. The bull, donated free of cost, possesses exceptional genetic potential, supported by multi-generation performance records and DNA-verified parentage. A delegation led by Dr. Ravinder Singh Grewal, Director of Extension Education, formally accepted the bull at a ceremony held at Mr. Redhu's farm. Dr. J.P.S. Gill, Vice-Chancellor emphasized that the University remains committed to scientific and sustainable breed improvement of dairy animals and this donation will strengthen the semen production and accelerate genetic enhancement programmes.

### Trainings/Workshops/Seminars

#### 'World Food Day'

College of Dairy and Food Science Technology celebrated **World Food Day** under the theme 'Milk & Millets: A Powerhouse of Nutrition.' The event was graced by Dr. Satbir Singh Gosal, Vice-Chancellor, Punjab Agricultural University, Ludhiana as the 'Chief Guest' and Dr. J.P.S. Gill, Vice-Chancellor, Guru Angad Dev Veterinary and Animal Sciences University as the 'Guest of Honour' along with Dr. R.S. Grewal, Director of Extension Education and other officers of the University. Dr. Gosal said that World Food Day is a reminder of our collective responsibility to ensure that every citizen has access to safe, nutritious and sustainable food. Dr. Gill emphasized the milk's high-quality protein and calcium and the nutrient richness of millets.



The festivities featured an exhibition of dairy products including various cheeses and milk-based foods, as well as recipe tasting sessions organized by students to promote awareness of nutritious foods incorporating milk/ millets. A recipe's competition was organized in three categories - Milk, Millet, and Fish & Meat. Dr. S.K. Uppal said that such events help sensitize students about the importance of safe, nutritious, and sustainable food systems.

### 'World Fisheries Day'



College of Fisheries (COF) celebrated the '**World Fisheries Day**' with a series of assorted awareness, educational and outreach activities highlighting the life supporting ecosystem services offered by the natural aquatic resources. Students undertook a public awareness campaign at river Satluj, Ladowal and Sidhwan canal in Ludhiana to apprise people of the consequences of dumping garbage, plastics and wastes in rivers and canals, which not only affects aquatic and human life but also the associated wildlife. A poster competition was also organized on the theme 'Conserve Aquatic Resources - Save Life' to sensitize young minds. The 2<sup>nd</sup> day celebration kicked off with stocking of fish fingerlings in a fish pond at the Instructional-cum-Research Farm of the college by Dr. J.P.S. Gill, Vice-Chancellor, the Chief Guest of the programme. Dr. Gill emphasized the significance of conserving natural resources so that they could be economically harnessed in a sustainable manner under the umbrella of 'One Health', without any adverse effects on the environment, human health and wildlife. The event also witnessed live fish displays, an education corner, fish and shrimp recipe competition, and stalls showcasing value-added fish and shellfish products. Students from various schools of Ludhiana participated and learned about aquatic biodiversity and career opportunities in fisheries science. The winners of competitions were awarded.



### 'World One Health Day'



Centre for One Health of the University celebrated the **World One Health Day** to mark interconnectedness of human, animal and environmental health. The programme took in its ambit an awareness workshop for senior secondary students of Shaheed- E-Azam Sukhdev Thapar Government Girls Senior Secondary Smart School, Model Gram, Ludhiana. Dr. Jasbir Singh Bedi, Director, Centre for One Health, appraised the participants about the concept of One Health and its importance in preventing and controlling diseases. Expert(s) interacted with participants on role of One Health in today's world, disease transmission from animals to humans, growing threat of antimicrobial resistance (AMR) and rabies. Postgraduate students demonstrated laboratory procedures to give participants a glimpse into scientific research and diagnostics. Apart from this, Dr. Deepali Kalambhe, Assistant Professor, delivered a guest lecture on 'Beyond Boundaries: Collaborative research opportunities in One Health' at an event hosted by Amity University, Noida.

### ‘National Milk Day’

College of Dairy and Food Science Technology of the University celebrated the **National Milk Day** with a Nutrition Awareness Drive and the release of a myth-busting video on milk. Postgraduate students conducted an interactive awareness session at Government Senior Secondary Smart School, Punjab Agricultural University, Ludhiana educating students about the nutritional richness of milk and promoting healthy dietary habits. Around 250 schoolchildren participated in the programme, featuring posters, demonstrations and discussions. Dr. J.P.S. Gill, Vice-Chancellor, released the video produced by students to address common misconceptions, debunking myths related to milk quality and processing.



### Stakeholder’s meet on Crop Residue Management (CRM)

The University organized a stakeholder’s meet on Crop Residue Management (CRM) under the chairmanship of Dr. J.P.S. Gill, Vice-Chancellor. Dr M.L. Jat, Director General, ICAR cum Secretary, DARE, Government of India graced the occasion as the ‘Chief Guest’. The event brought together farmers, researchers, extension experts, and representatives from various government and non-government



agencies to deliberate on sustainable strategies for managing crop residue, reducing stubble burning and promoting eco-friendly farming practices. Dr. R.S. Grewal, Director of Extension Education, highlighted the adverse impact of paddy straw burning on public health and livestock. Dr. Parvender Sheoran, Director, ATARI Zone-I, ICAR, appreciated Punjab farmers for significantly reducing fire incidents, noting a 40% reduction compared to last year and a 98% overall reduction since 2020. Dr ML Jat in his presidential address urged the stakeholders to work collectively for the development of eco-friendly technologies and their field-level adoption.

Dr. J.P.S. Gill highlighted the University’s initiative of using paddy straw as feed and bedding in the dairy farm, which has shown improved production, reduced mastitis and provided winter protection for animals. Dr. Rajbir Singh, Deputy Director General (Education), ICAR; Dr. Nachiket Kotwaliwale, Director, CIPHET, Dr. H.S. Jatt, Director, IIMR; Dr. M.S. Bhullar, Director of Extension Education, PAU, Ludhiana also graced the event.

### NABL Accreditation Awareness Seminar

Department of Animal Nutrition of the University organized a seminar under the theme ‘**Gunvata Yatra: Awareness Program on NABL Accreditation**’ in collaboration with the National Accreditation Board for Testing and Calibration Laboratories (NABL), New Delhi. The seminar aimed to strengthen quality assurance systems and promote accreditation readiness across the University laboratories. Dr. J.P.S. Gill, Vice-Chancellor inaugurated the seminar as the ‘Chief Guest’ and emphasized that NABL accreditation improves the credibility, reliability and global acceptance of laboratory testing services. He urged all departments to adopt robust quality practices to ensure scientific integrity and transparency. The NABL experts conducted technical sessions. Dr. Bhumi Rajyaguru, Joint Director delivered presentation on the NABL accreditation framework and its role in improving laboratory performance in line with national and international standards. Dr. Iti Saxena, Deputy Director elaborated on the application process, guiding participants through the NABL online portal, documentation requirements, and compliance procedures. A total of 90 delegates participated in the event.



### Training for Punjab Home Guards and Civil Defense Officers



Department of Teaching Veterinary Clinical Complex (TVCC) conducted a specialized training session for the officers of Punjab Home Guards and Civil Defense on animal welfare and management during disasters. Dr. Jitender Mohindroo, Director of Clinics, highlighted the crucial role of veterinarians as disaster management experts and emphasized collaboration between the University and disaster management agencies to ensure timely and effective response. The programme focused on preparing frontline respondents to safeguard animal lives and public health during emergencies. Expert(s) delivered lectures on animal handling, restraint, scientific carcass disposal techniques, zoonotic disease prevention, safe animal evacuation and protecting communities from contamination during disasters.

### Dairy Farming Training Programme



The University conducted a two-week 'Dairy Farming Training Programme' with 41 participants. Dr. J.P.S. Vice-Chancellor appreciated the outcome-oriented initiative and reiterated the University's commitment to empowering livestock farmers through scientific, skill-based interventions. Dr. R.S. Grewal, Director Extension Education, highlighted dairying's role in nutritional security, employment and rural economic growth, emphasizing value addition. The practice-oriented training encompassed diverse aspects of dairy farming including housing, nutrition, mastitis control, biosecurity and marketing.

### Poultry Farming Training



The University conducted two-week 'Poultry Farming Training', witnessing participation of 42 trainees. Dr. J.P.S. Gill, Vice-Chancellor, highlighted poultry farming as a promising avenue for self-employment, income generation and rural entrepreneurship. Endorsing this, Dr. R.S. Grewal, Director of Extension Education, emphasized that poultry farming offers immense potential to drive economic empowerment, especially among rural youth. The training programme was designed with a perfect blend of theory and hands-on learning covering key components of modern housing systems, balanced feeding, disease management, biosecurity, zoonotic concerns and marketing strategies to ensure profitability in poultry ventures.

### Training on 'Value Addition of Milk and Milk Products'



Directorate of Extension Education of the University organized a training programme under the theme 'Value addition of milk and milk products' at College of Dairy and Food Science Technology for the capacity building of Board of Directors of Mushkabad FAM Dairy Producer Company Limited. The training was conducted under the research project entitled 'Promotion of Farmers Producer Organization (FPO) on dairy Farming in district Ludhiana' funded by National bank for Agriculture and Rural development (NABARD).

## Workshop on Research Design and Scientific Article Writing



Centre for One Health conducted a workshop on **'Research Design and Scientific Article Writing'**. A total of 21 postgraduate students participated in the capacity-building programme and got benefitted. Dr. J.S. Bedi, Director, Centre for One Health, highlighted the growing need for robust research design, evidence-based approaches, and high-quality scientific communication in the veterinary and One Health domains. Dr. J.P.S. Gill, Vice-Chancellor, commended the Centre for One Health for organising the capacity-building initiative and motivated students to pursue high-quality, impactful scientific research aligned with emerging national and global priorities. Dr. S.S. Randhawa, Dean, College of Veterinary Science, Ludhiana interacted with the participants and appreciated the initiative, noting that such hands-on training equips postgraduate students with practical skills needed to excel in academic and research careers. Detailed hands-on sessions were conducted covering formulation of research questions, sampling strategies, drafting a scientific article, selecting appropriate journals, effective and responsible use of Artificial Intelligence tools for literature review and enhancing writing quality etc.

Dr. S.K. Uppal, Dean Postgraduate Studies, appreciated the workshop's practical orientation and encouraged students to strengthen their methodological skills to enhance the quality of their thesis and research outputs.



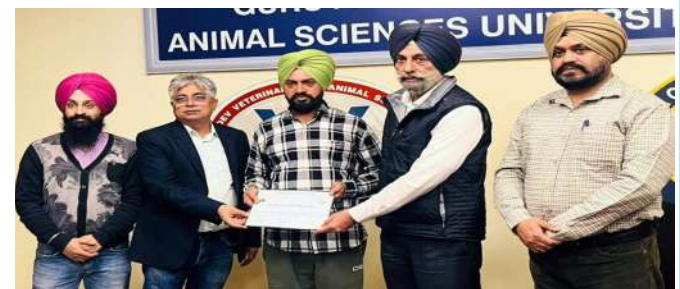
## Faculty Induction Programme



The Human Resource Management Centre of the University organized a 10 days Faculty Induction Programme (FIP) to equip new faculty members with essential skills, knowledge and orientation towards academic, administrative and ethical framework of the University.

The induction programme included interactive expert talks, hands-on sessions and campus tour vis-à-vis visit to nearby research institutes. The programme featured a diverse array of learning modules on the University governance and functioning, academic and examination systems, research ethics, career advancement and promotion policies, post-graduate students mentoring, extension services, purchase procedure guidelines, etc. Dr J.P.S. Gill, Vice-Chancellor stated that such professional development programmes are pivotal for adherence to high academic standards of quality education and institutional growth.

## Hoof Trimming Training



Department of Teaching Veterinary Clinical Complex (TVCC) of the University conducted a training programme on **'Hoof Trimming'** for progressive dairy farmers and youth, equipping them with practical skills in hoof care, early detection of lameness, and routine preventive techniques essential for enhancing dairy herd health and productivity. The participants received detailed demonstrations on corrective and maintenance trimming, hoof anatomy, common hoof disorders, hygienic management practices and lameness prevention strategies.

### Awareness Programme on Launch of PM Dhan Dhanaya Krishi Yojna



Krishi Vigyan Kendra (KVK), S.A.S. Nagar (Mohali) organized an awareness programme on PM Dhan Dhanaya Krishi Yojna at village Akalgarh. A live telecast regarding launch of 'PM Dhan Dhanaya Krishi Yojna' and 'Mission of Aatma Nirbharta in Pulses' was organised along with sharing information on other schemes of animal husbandry, fisheries and food processing industries etc. Experts from KVK guided participants on availing maximum benefits from central and state government schemes and delivered talk(s) on natural farming practices, crop residue management and food processing and value addition.

### School-Level Awareness Camp on In-situ Crop Residue Management



KVK, Booh (Tarn Taran) organized a school-level awareness camp on *In-situ* Crop Residue Management, educating students about the pressing issue of stubble burning, its harmful effects on soil health, air quality, environment, while promoting sustainable alternatives. Through interactive sessions, they were encouraged to understand and advocate for environmentally responsible farming practices. Expert(s) elaborated various initiatives and outreach programmes undertaken by KVK to curb stubble burning through grassroots level engagement with farmers and local communities. The latest technologies and equipment available for crop residue management were discussed. To further engage students, a series of competitions including debate, poster-making and essay writing, centered on the theme of crop residue management and prevention of stubble burning were organized.

### Refresher Course on "Advancements in Paddy Straw Management & Cultivation of Rabi Crops"



KVK, Booh (Tarn Taran), organized a refresher course on 'Advancements in Paddy Straw Management & Cultivation of Rabi Crops' for the staff of the Department of Agriculture and Farmers Welfare and Agricultural Technology Management Agency (ATMA), Tarn Taran to equip field-level extension functionaries with the latest technological interventions in Crop Residue Management. The Deputy Director of KVK presented a detailed overview of the major activities undertaken by the KVK during 2024–25, along with the action plan for 2025–26, focusing on residue management, crop diversification, and climate-resilient farming practices. Expert(s) delivered talk(s) on recent advancements in paddy straw management, including in-situ management techniques and conservation agriculture tools like Happy Seeder, Super Seeder, Smart Seeder and Surface Seeder, utilization of Urea and Molasses treated paddy straw as animal feed and scientific silage-making techniques. Dr. R.S Grewal, Director of Extension Education emphasized the importance of continuous upskilling of field staff to ensure effective technology transfer.



## Social Activities

### Animal Healthcare and Welfare Camps in Flood Affected Regions

The University organized a series of animal health care and welfare camps in flood-affected areas of Punjab during October and November 2025, illustrating its commitment to supporting livestock farmers during natural calamities. Under the leadership of Dr. J.P.S. Gill, Vice-Chancellor, animal welfare and animal health camps were conducted in severely affected villages of Amritsar (Ramdas) and Ferozepur (Khallwala, Kamanewala, and Tendiwala). Teams comprising the University Veterinary Professionals, interns and postgraduate students, and local veterinary staff, in association with *Kar Sewa* fraternity and Verka Milk Plant, Ferozepur conducted clinical examinations, and provided emergency treatment, nutritional support, and advisory services. Essential medicines, including dewormers, mineral mixtures, vitamin supplements, antibiotics, and wound care drugs, were administered to protect livestock health and support the recovery and livelihoods of flood-affected farmers.



Another animal welfare and treatment camp was organized in the flood-affected village Samrai near Dera Baba Nanak, in collaboration with the Animal Husbandry Department, Punjab. The camp addressed nearly 70 animal cases, including major disease conditions, and free medicines were distributed. Experts also guided farmers on quality feed, animal health management and ethno-veterinary practices.

Dr. J.P.S. Gill reaffirmed the University's commitment to work for the welfare of livestock farmers of the state in every possible way. Dr. Aaditya Sharma, IAS, SDM, Dera Baba Nanak praised the efforts of the University and the Animal Husbandry Department to care for animals. These interventions played a crucial role in safeguarding livestock, thereby supporting the recovery and livelihoods of flood-affected farmers across Punjab.

### Gurdwara Sri Guru Singh Sabha, Doraha Extends Support to Flood-Affected Dairy Farmers through the University

In a profound gesture of compassion and community service, Gurdwara Sri Guru Singh Sabha, Doraha, contributed Rs. 1,11,111/- to the Guru Angad Dev Veterinary and Animal Sciences University Teachers' Association (GADVASU-TA) for the relief and rehabilitation of dairy farmers affected by the recent floods in Punjab. The contribution was made as part of the ongoing commemorative events marking the 350<sup>th</sup> Martyrdom Day of *Sri Guru Teg Bahadur Ji*, and was presented during a special programme held at School of Eminence, Doraha. The Gurdwara Committee emphasized that the donation was not merely financial assistance but an expression of *sewa*, solidarity, and collective responsibility towards families whose homes, livestock, and livelihoods were devastated by the floods. The University contingent led by Dr. Ravinder Singh Grewal, Director of Extension Education accepted the contribution and expressed heartfelt gratitude to Gurdwara Committee for their dedication and cooperative spirit.



## Commemoration of the 350<sup>th</sup> Martyrdom Anniversary of Ninth Guru, *Sri Guru Teg Bahadur Ji*

### Blood Donation Camp



Guru Gobind Singh Study Circle (GGSSC) unit of the University organized a ‘**Mega Blood Donation Camp**’ to mark the 350<sup>th</sup> martyrdom anniversary of ninth Sikh Guru, *Sri Guru Teg Bahadur Ji*. Dr. J.P.S. Gill, Vice-Chancellor inaugurated the camp, held in collaboration with Dayanand Medical College and Hospital (DMC&H), Ludhiana, illustrating the University’s commitment to social responsibility and humanitarian service. The faculty, students and staff of the University donated 80 units of blood. The Vice-Chancellor expressed his gratitude to the donors and emphasized that the camp symbolized the true spirit of selfless service, transcending barriers of religion, caste, and creed, while honoring the supreme sacrifice of Sri Guru Tegh Bahadur Ji for freedom, faith, and human dignity. Dr. R.S. Aulakh, Director of Students' Welfare and Dr. Swaran Singh Randhawa, Dean, College of Veterinary Science lauded the blood donors as real-life heroes for their life-saving contribution. Team GGSSC lead by Dr. Jaspal Singh Hundal motivated the youth to participate in such novel causes.

### Seminar on ‘Guru Teg Bahadur Ji – The Symbol of Tolerance, Justice and Humanity’

Guru Gobind Singh Study Circle (GGSSC), under the aegis of the Directorate of Students’ Welfare of the University organized a seminar to commemorate the 350<sup>th</sup> martyrdom year of *Sri Guru Tegh Bahadur Ji*. The event aimed to honour the life, sacrifice, and universal message of the ninth Sikh Guru, revered worldwide as a symbol of tolerance, justice, and humanity. A total of 200 students, faculty and staff attended the seminar. Dr. J.P.S. Gill, Vice-Chancellor lauded the initiative, highlighting *Sri Guru Tegh Bahadur Ji’s* unparalleled courage and dedication to protecting human dignity, calling his sacrifice ‘a guiding light for all humanity.’ Dr. Sarajeet Singh Renuka delivered the keynote lecture, emphasizing the universal nature of the *Guru Ji’s* teachings in promoting social harmony and moral courage. S. Gurmeet Singh, Founder Chairman of the GGSSC, inspired the students to embrace these teachings and appreciated the efforts of the University in promoting value-based education.



### Indian Army Collaborates with the University for Expertise in Early Success Prediction & Renal Care of Service Dogs



Strengthening academic–defense collaboration, the Remount Veterinary Corps (RVC) Centre and College, Indian Army, Meerut Cantonment, invited Dr. Randhir Singh, Scientist, Department of Veterinary Medicine of the University to deliver an expert lecture on ‘**Early Prediction of Military Working Dog Success: Integrating Wearables, Behaviour, and Biomarkers.**’

Dr. Singh presented advanced and futuristic overview of emerging evaluation tools for military working dogs, covering behavioural scoring systems, activity-monitoring sensors, hormonal stress markers, cytokine profiling, and predictive disease analytics powered by machine learning. He also discussed the importance of early detection of pancreatitis, renal diseases, hip dysplasia and osteoarthritis, and shared his expertise on dialysis indications, designing an effective workflow, and real-time decision-making in critical care.

### NCC Annual Training Camp

The University conducted an NCC Annual Training Camp (ATC) under the aegis of 1 Punjab Remount & Veterinary Squadron NCC. The ten-day camp brought together 113 cadets from the College of Veterinary Science and a Government Smart Senior Secondary School with the aim of promoting discipline, leadership, physical fitness and social responsibility. Col. A Shrinivas Rao, Officer Commanding, 1 PB R&V SQN NCC presided over the opening ceremony and motivated the cadets to uphold values of commitment, teamwork and nation-building. The camp featured a structured schedule of training sessions, guest lectures, career counseling and competitions to instill confidence among the youth. During camp cadets also participated in the Blood Donation Camp organized by the University.



### NSS Wing Celebrates National Integration Day



The University commemorated the *Rashtriya Ekta Diwas* honouring the legacy of Sardar Vallabhbhai Patel and his contribution to national unity. The National Service Scheme (NSS) volunteers took pledge and participated in quiz under *sadar@150* campaign. A poster-making competition was organized at the College of Animal Biotechnology, followed by a 2 km *padyatra* from the campus to the University’s main gate on Ferozpur Road, with volunteers carrying posters highlighting Sardar Patel’s ideals.

Further, 100 NSS volunteers from the University participated in the unity march (*Padyatra*) organised by the Ministry of Youth Affairs and Sports, Government of India, holding national flags while marching on a 4 KM Rally in the city.

