



e-Newsletter

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

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Inside this issue:

Pashu Palan Mela	2
InDeVet Summit	3
Indo-Korean Training on Intermittent Hemodialysis	4
SHE Cohort 4.0	4
Alumni Meet of College of Veterinary Science	5
Annual Athletic Meet	5
Padma Shri Dr. Gurdev Singh Khush Visits the University	6
Release of Handbook, New Year Calendar and Atlas on Laboratory diagnostic-cum-Table Calendar	6
Research Endeavours	7-8
Republic Day Celebrations	8
Trainings/ Workshops/	9-16
Students' Activities	17-18

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From the Desk of the Vice-Chancellor



Guru Angad Dev Veterinary and Animal Sciences University continues to excel in academic, research and extension endeavours for advancing the livestock sector and enhancing farmers' livelihoods. In its sustained efforts to disseminate scientific knowledge and promote livestock farming on scientific lines, the University organized the *Pashu Palan Mela* under the theme 'Livestock Farming: Local Strength to Global Standards,' highlighting the integration of traditional wisdom with modern scientific advancements. S. Gurmeet Singh Khuddian, Hon'ble Cabinet Minister for Agriculture, Animal Husbandry, Dairy Development and Food Processing, Punjab inaugurated the event. The *Mela* witnessed an overwhelming participation of farmers, scientists, industry stakeholders and entrepreneurs, emerging as a dynamic platform for knowledge exchange, innovation and collaborative engagement. The conferment of the Chief Minister's Awards by S. Bhagwant Singh Mann, Hon'ble Chief Minister of Punjab, recognized the progressive farmers across diverse livestock sectors, appreciating a spirit of excellence and entrepreneurship.

The University further witnessed a series of impactful initiatives during the first quarter of the year. The InDeVet Summit-2026 brought together eminent scientists, policymakers and academic leaders from India, Germany and Canada to strengthen international partnerships and advance the One Health framework. The University also organized specialized international training programmes, including the Indo-Korean workshop on advanced hemodialysis techniques in dogs, establishing itself as a centre of excellence in advanced veterinary clinical practices. Initiatives such as the launch of SHE 4.0 for women entrepreneurship and collaborative programmes with industry and incubation networks have further strengthened the innovation and startup ecosystem in the livestock sector.

The University made significant strides in research and innovation by securing prestigious grants under national programmes such as PAIR-ANRF and ICAR funding. The University continued its strong focus on capacity building through numerous training programmes, workshops and extension activities addressing critical areas such as antimicrobial resistance, dairy entrepreneurship, artificial intelligence in livestock production, milk quality and scientific farming practices. Beyond academics and research, the University demonstrated excellence in sports, cultural and social activities. Events such as the Annual Athletic Meet, alumni meet, Republic Day celebrations and various student achievements at national platforms highlight the holistic development and vibrant spirit of the institution.

These achievements stand as a testament to the dedication, innovation and collaborative efforts of the University fraternity. Let us move forward with renewed zeal and determination to further strengthen the University's role as a leader in veterinary and animal sciences and contribute meaningfully to the growth of the livestock sector.

(JPS Gill)
Vice-Chancellor

Pashu Palan Mela

The University organized '*Pashu Palan Mela*' on March 20–21, 2026, drawing an overwhelming response from farmers across Punjab and neighboring states. Centered on the theme "**Livestock Farming: Local Strength to Global Standards,**" the *Mela* served as a dynamic platform to integrate traditional livestock practices with modern scientific advancements.

S. Gurmeet Singh Khuddian, Hon'ble Cabinet Minister for Agriculture, Animal Husbandry, Dairy Development and Food Processing, Punjab inaugurated the event in the presence of eminent dignitaries, academicians and industry stakeholders. S. Khuddian toured various stalls and encouraged farmers to establish their own livestock-based entrepreneurial ventures for enhanced income. Dr. J.P.S. Gill, Vice-Chancellor said that the University has resolve to adopt the approach of global thinking, needs and scientific perspective by honoring the advantages of traditional and customary structure. Dr. R.S. Grewal, Director of Extension Education noted a strong interest among visitors in goat, pig and fish farming, with many enquiring about training programmes. The *Mela* highlighted the University's commitment of promoting scientific livestock farming through a wide array of activities. The University facilitated direct interaction between farmers and scientists through technical sessions, exhibitions and live demonstrations, enabling the adoption of best practices in livestock, fisheries and poultry farming.



A key highlight of the *Mela* was the conferment of the **Chief Minister's Awards** by **S. Bhagwant Singh Mann, Hon'ble Chief Minister of Punjab**, recognizing progressive farmers across buffalo, fish, pig and goat farming categories. The *Mela* also featured the launch of several innovative products and initiatives, including nutrient-rich fertilizer sticks, ornamental fish garden pools, goat milk-based products and value-added dairy innovations. The introduction of digital tools such as the AI chatbot named '*VetBot*' and a mobile application on atlas of animals' anatomy marked a significant step toward integrating technology with academics and extension services. Exhibitions of elite livestock germplasm, value-added products and modern farming equipment attracted widespread interest. Participation from government departments, agribusiness firms and self-help groups created a vibrant platform for collaboration and entrepreneurship.

Dr. M.L. Jat, Director General, ICAR, S. Harchand Singh Barsat, Chairman, Punjab Mandi Board and other dignitaries graced the occasion on the concluding day. Dr. Jat appreciated the theme of the livestock fair and praised the energy of the farmers of Punjab calling them hardworking who continue to stand firm in the face of challenges. S. Harchand Singh Burst appreciated the University and assured that the Punjab Mandi Board will continue to contribute financially to the institution.

Dr. J.P.S. Gill, Vice-Chancellor, informed about the high ranking of the University and said that it continues to do research to find solutions to the problems of the farmers. Best stall awards were given amongst department and industrial categories. The *Mela* concluded with a strong message of aligning traditional strengths with global standards.



InDeVet Summit 2026



The University hosted the **'InDeVet Summit 2026: Bridging Science, Policy and Education'**, bringing together distinguished scientists, policymakers and academic leaders from India, Germany and Canada to strengthen global collaboration in veterinary science and One Health. Dr. J.P.S. Gill, Vice-Chancellor, in his welcome address highlighted the University's commitment to promoting international partnerships and collaborative research. He emphasized that the world is facing several challenges such as climate change, antimicrobial resistance, food safety and security and the risk of pandemics from emerging and novel pathogens, wherein the role of One Health teams is extremely important to mitigate these challenges. The inaugural programme featured an Executive Round Table on **'The Future of Indo-German Veterinary Synergy,'** to outline a collaborative roadmap for 2026–2030, followed by discussions on identifying joint research projects and strengthening partnerships between Indian and German universities.



A dedicated session **'From Lab to Legislation'** connecting InDeVet scientists with local policy makers, government officials and industry leaders to discuss implementing One Health solutions in public policy was conducted. Eminent speakers including Dr. Baljit Singh, University of Saskatchewan; Dr. Ramanuj Banerjee, Science Counsellor at the Embassy of India in Germany; Prof. Dr. Uwe Truyen, Leipzig University; Prof. Dr. Uwe Rösler, Freie Universität Berlin; and Prof. Klaus Osterrieder, TiHo Hannover highlighted the importance of sustained Indo-German cooperation in veterinary research and policy development. Experts also deliberated on international research funding opportunities and collaborative projects. A session on the **'The Immune System in the Fight Against Infectious Diseases-plan for DFG-DST Project'** explored the new therapeutic approaches for humans and animals. Prof. Baljit Singh from the University of Saskatchewan, Canada and Dr. R.S. Sethi, Dean College of Animal Biotechnology of the University organized a special workshop and hands-on session to develop the core pedagogy for the InDeVet consortium, fostering the next generation of One Health leaders to tackle issues at the interface of animal, human and environmental health.

Indo-Korean Training on Intermittent Hemodialysis



The University organized a five-day Indo-Korean Advanced Hands-on Training-cum-Workshop on Intermittent Hemodialysis Techniques in Dogs. Seven veterinary practitioners from South Korea participated in the programme, receiving advanced training through practical case demonstrations, live clinical case discussions, hands-on dialysis procedures, interactive scientific sessions and structured knowledge-sharing on renal replacement therapies and translational nephrology.

Dr. J.P.S. Gill, Vice-Chancellor stated that clinical expertise, technological capability and academic leadership of the University's Dialysis Unit team have made it a national and international reference centre for advanced veterinary renal replacement therapies. The workshop was conducted under an Experiential Learning Project supported by the Indian Council of Agricultural Research, aimed at developing the University's Dialysis Unit into a national and international training hub. The training also featured expert sessions by Dr. Vikas Makkar, Professor and Head, Department of Nephrology at Dayanand Medical College & Hospital, Ludhiana, and Prof. H. M. Park from Konkuk University, South Korea.

Launch of SHE Cohort 4.0 - Women Entrepreneurship Takes Centre Stage at the University



The University in collaboration with the Punjab State Council for Science and Technology (PSCST) and Veterinary and Livestock Innovation and Incubation Foundation (VLIIF) launched **SHE 4.0** (Startup Handholding and Empowerment for Women Entrepreneurs), a flagship programme of PSCST supporting women-led startups through structured handholding, mentorship and access to funding and incubation support.

Dr. J.P.S. Gill, Vice-Chancellor launched SHE 4.0 and emphasized the pivotal role of academic institutions in fostering an entrepreneurial mindset. He stressed that universities must act as hubs for innovation by identifying real-world problems, especially in the livestock sector and enabling startups to develop practical, scalable solutions through research, mentorship and industry linkages. The event featured insights from Er. Pritpal Singh (PSCST), Dr. Dapinder Bakshi (PSCST), and Mr. Shibananda Dash (Ludhiana Angels Network), along with inspiring success stories from VLIIF-incubated women entrepreneurs.

'Saanjh-2026' - Alumni Meet of College of Veterinary Science

College of Veterinary Science, Ludhiana organized Alumni Meet under the theme '*Saanjh-2026*', witnessing an enthusiastic participation of nearly 300 alumni from India and abroad. Former graduates serving in diverse professional roles gathered on campus to reconnect, cherish their shared legacy and reflect on their professional achievements. Dr. Swaran Singh Randhawa, Dean of the College and President of the Alumni Association, welcomed the delegates and highlighted the institution's rich heritage in veterinary education, research and extension.



He underscored the vital role of alumni in strengthening the University's global reputation and fostering collaborations. Dr. J.P.S. Gill, Vice-Chancellor graced the occasion and appreciated the contributions of alumni in advancing animal health, livestock development and public health services. He envisaged stronger engagement between the University and its graduates to address emerging challenges in veterinary science. The distinguished alumni and dignitaries including Dr. Baljeet Singh Gill, Vice-President (Research), University of Saskatchewan, Canada; Dr A. J. Singh, Director General, Remount Veterinary Services and Dr. Parmjit Singh Walia, Director, Animal Husbandry Department also graced the occasion. Dr. Veer Sukhwant, an alumnus of the college and renowned singer captivated the audience with his melodious songs.

18th Annual Athletic Meet

The University organized its 18th Annual Athletic meet witnessing participation of 200 students of constituent and affiliated colleges. S. Gurmeet Singh Khuddian, Hon'ble Cabinet Minister for Agriculture, Animal Husbandry, Dairy Development and Food Processing inaugurated the meet and encouraged students to actively engage in sports for holistic personality development and better physical and mental health. Sh. Mohd. Siddique, former Member Parliament and renowned artist graced the event as the Guest of Honour.



Dr. J.P.S. Gill, Vice-Chancellor highlighted the University's commitment to promoting the sports spirit and physical fitness among students. The event began with lighting of the sports torch by senior athletes, followed by oath-taking ceremony and an impressive march past by participating teams. Participants competed in diverse sports activities. Sports competitions of staff were also organized. The overall championship trophy was won by the **College of Veterinary Science, Ludhiana**, while **Avneet Singh Brar** and **Shivangi** were declared the Best Male and Female Athletes, respectively.

Dr. Rabinder Singh Aulakh, Director Students' Welfare presented the annual sports report of the University. Dr. Amarjit Singh Nanda, former Vice-Chancellor of the University graced the prize distribution ceremony and motivated students to compete with enthusiasm and team spirit.

Padma Shri Dr. Gurdev Singh Khush Visits the University

The Veterinary and Livestock Innovation and Incubation Foundation (VLIIF), a Section 8 company of the University hosted the visit of ‘Father of Super Rice’ **Padma Shri Dr. Gurdev Singh Khush** and Prof. Sukhpal Singh, Chairman, Punjab State Farmers’ & Farm Workers’ Commission, Punjab along with other eminent scientists and policy leaders. Dr. J.P.S. Gill, Vice-Chancellor welcomed the dignitaries and shared the vision of VLIIF in



promoting innovation, entrepreneurship and scalable solutions across veterinary, dairy and allied sectors. Dr. Khush appreciated the University’s vibrant entrepreneurial ecosystem effectively nurturing startups in the livestock sector and its focus on innovation-driven, research-backed solutions align-ed with industry needs. VLIIF incubatees showcased their innovations and shared positive experiences of the supportive ecosystem. The visit also witnessed participation from distinguished experts including Dr. Vikram Singh Gill, eminent plant breeder from the USA and Dr. Johar Singh Saini, Senior Plant Breeder, Punjab Agricultural University, Ludhiana; Dr. Balrup Singh, Practicing Veterinarian, Canada.

Release of Handbook and New Year Calendar



Dr. J.P.S. Gill, Vice-Chancellor released Handbook and New Year calendar 2026 of the University on the New Year’s eve. The handbook provides a concise Package of Practices for livestock farming, information on important animal diseases, their management and a comprehensive list of facilities and services available to farmers at the University. Dr. R.S. Grewal, Director of Extension Education highlighted that the Directorate continuously disseminates scientific knowledge to stakeholders through training programmes, publications, digital platforms and extension activities to support livestock farmers. The officers of the University graced the occasion.

Release of Atlas on Laboratory diagnostic-cum-Table Calendar

Dr. J.P.S. Gill, Vice-Chancellor of the University released a Mini Atlas of Laboratory Diagnostics-cum-Table Calendar. The atlas, conceptualized and designed by Dr. Vishal Mahajan, In-charge, Animal Disease Research Centre (ADRC) and Dr. M. S. Bal, Principal Scientist provides high-quality images of common laboratory diagnostic findings for quick reference by veterinary students and practitioners. A distinctive feature of the calendar is integration of QR codes to a comprehensive list of diagnostic tests available at the diagnostic laboratories of the Animal Disease Research Centre and the Multi-Specialty Veterinary Hospital of the University. Dr. Gill said that this initiative aims to enhance awareness and accessibility of laboratory diagnostic services and to bridge the gap between clinical practice and advanced laboratory support for effective disease diagnosis and management.



Research Endeavours

University Joins National PAIR-ANRF Research Consortium

The University earned a prestigious research grant under the Partnerships for Accelerated Innovation and Research (PAIR) programme of the Anusandhan National Research Foundation (ANRF). Under this programme, Guru Angad Dev Veterinary and Animal Sciences University will join a multidisciplinary consortium led by the National Institute of Technology (NIT), Rourkela along with several universities from Odisha to work on the theme ‘**Consortium of Technologies for Sustainable Agriculture, Health, Energy, and Environment.**’



The PAIR-ANRF programme has a total budget of ₹90.53 crore, of which the University will receive ₹4.08 crore to lead three interdisciplinary research projects, including “AI/ML-Enabled Systems for Monitoring Livestock Health, Optimizing Production, and Improving Sustainability” led by Dr. Devendra Pathak, Dr. Sikh Tejinder Singh and Dr. Navdeep Singh; “Enhancement of Protein Functional Properties via Non-Thermal Techniques for Novel Food Product Development: Modeling, In Vitro Evaluation, and Human Health Implications” involving Dr. Sunil Kumar, Dr. Rekha Chawla, Dr. Anju Boora Khatkar and Dr. Narender Kumar Chandla; and “Development of Biodegradable Biomaterials for Application in Healthcare Technologies” led by Dr. Manu M and Dr. Kuldeep Gupta. These projects aim to promote innovation in livestock management, food science, and sustainable biomedical materials, contributing to national research priorities and global scientific advancement.

University Secures ₹75 Lakh ICAR Grant to Strengthen Small Animal Critical Care Unit

Department of Teaching Veterinary Clinical Complex has secured a prestigious Experiential Learning Project grant of ₹75 lakhs from the Indian Council of Agricultural Research (ICAR) for the project entitled ‘**Strengthening Small Animal Critical Care Unit.**’ The project aims to enhance practical training in small animal emergency and critical care through structured experiential learning, simulation-based modules and supervised management of real-time



ICU cases. Besides this, acquisition of advanced monitoring and life-support equipment under the project, streamlining triage and ICU workflows will significantly enhance patient care standards and survival rates, further consolidating the University’s leadership in advanced small animal clinical services. The project is led by Dr. Gurpreet Singh Preet as Principal Investigator, with Dr. Swaran Singh Randhawa, Dr. Rajsukhbir Singh, Dr. Randhir Singh and Dr. Jasnit Singh as Co-Principal Investigators.

Scientist Secures Rs. 60 lakhs ANRF Grant for ‘Smart’ Green Packaging

Dr. Rajesh V. Wagh, Assistant Professor, Department of Livestock Products Technology has secured a prestigious ₹60 lakh research grant from the Anusandhan National Research Foundation (ANRF) under the Inclusivity Research Grant scheme for the project ‘**Smart-Bio-Pack for Livestock Products.**’ The research initiative aims to develop sustainable and intelligent packaging solutions to improve the safety, quality and shelf life of meat and milk products. By integrating innovation with environmental sustainability, the research seeks to address challenges related to food preservation, reduce post-harvest losses and promote eco-friendly packaging practices. Dr. J.P.S. Gill, Vice-Chancellor underscored that the prestigious grant stands as a testament to the University’s unwavering commitment to fostering scientific excellence and a robust research culture.



VLIIF and Ludhiana Angels Network Formalize Partnership through MoU

The Veterinary and Livestock Innovation and Incubation Foundation (VLIIF) of the University signed a Memorandum of Understanding (MoU) with the Ludhiana Angels Network (LAN) to strengthen the startup ecosystem in veterinary and livestock sector. The collaboration aims to provide VLIIF-supported startups with mentorship, investment guidance, early-stage funding and strategic advisory support. Mr. Shibananda Dash, CEO of LAN, and Dr. R. S. Sethi, Director of VLIIF signed the agreement. Dr. Sethi highlighted



that the partnership will enhance market linkages and investor exposure for incubated startups thereby fostering innovation-led growth in the livestock and veterinary entrepreneurship landscape. Dr. R.S. Grewal, Director Extension Education and Dr. P.S. Brar emphasized that such collaborations help translate research-driven innovations into scalable enterprises, bridging the gap between innovation and investment.

International Recognition for High-Impact One Health Research

Researchers of the University have earned international recognition for their high-impact work in One Health research. Their article, published in the Elsevier journal '**Science in One Health**', has been ranked among the Top 10 Most Cited Articles and awarded a '**Certificate of High Citation Impact**.' The recognition has been jointly conferred to Drs. Manjeet Sharan, Deepthi Vijay, Jay Prakash Yadav, Jasbir Singh Bedi and Pankaj Dhaka for their article entitled '**Surveillance and response strategies for zoonotic diseases: a comprehensive review**', receiving over 100 citations within a year, highlighting its strong academic influence and relevance in advancing the One Health framework. Dr. J.P.S. Gill, Vice-Chancellor described it as a proud moment for the University and an inspiration for young researchers to pursue high-quality and policy-relevant science.



77th Republic Day celebrations

The University celebrated the 77th Republic Day with immense patriotic fervour and enthusiasm bringing together its fraternity to honour the spirit of the Indian Constitution and celebrate India's diversity and unity. Imbibing deep patriotism and a commitment to national values, Dr J.P.S. Gill, Vice-Chancellor unfurled the national flag and highlighted importance of the Constitution, sacrifices of freedom fighters, and need to uphold democratic, moral and ethical values. He described the occasion as a reminder of collective responsibility to contribute to nation-building. Highlighting recent achievements, Dr. Gill proudly recounted on the research projects earned, collaborations initiated, academic and outreach milestones, new products launched and revenue generated by various departments, appreciating the University fraternity for taking the institution further to the new heights.

The Vice-Chancellor also honoured 35 faculty members for their accomplishments in earning research projects and academic excellence that further helped in strengthening the role of the University as a centre of excellence in veterinary and animal sciences. Various cultural events organized as part of the programme filled the campus with patriotic fervour.



Trainings/ Workshops/ Seminars

Capacity Building Training on Antimicrobial Resistance for Veterinary Officers

Centre for One Health organized a two-day capacity building training programme on **'Improving Animal Health Practices of Veterinarians to Contain Antimicrobial Resistance (AMR) and Promote One Health.'** The training was conducted for veterinary officers working under the Department of Animal Husbandry, Government of Punjab, under a project funded by the Asian Development Bank (ADB) and Zenex, India. Dr. Jasbir Singh Bedi, Director, Centre for One Health, highlighted the critical role of veterinarians in safeguarding both animal and public health, stressing the need for responsible antibiotic use to combat the growing threat of AMR. Expert(s) sensitized the participants about major zoonotic diseases and emphasized early detection, surveillance and awareness to prevent their spread. The training also included expert lectures on alternatives to antibiotics, prevention of zoonotic diseases, vaccination strategies, farm management practices, clean milk production, farm hygiene, biosecurity and animal nutrition and welfare. Dr. J.P.S. Gill, Vice-Chancellor graced the valedictory session and underscored the importance of continuous education, awareness and field-level implementation of scientific practices as key tools in addressing emerging global health challenges and ensuring sustainable livestock production and public health protection.



Advanced Entrepreneurship Skill Development Programme



Department of Livestock Production Management organized an Advanced Entrepreneurship Skill Development Programme on **'Scientific Dairy Farming, Value chain addition and marketing to augment farmers income'** under the aegis of MSME, New Delhi. A total of 20 trainees attended the programme. Dr. S.S. Randhawa, Dean, College of Veterinary Science during inauguration interacted with the participants, and said such programmes help to develop innovative ideas, products and services based on regional needs and market demand. Dr. R.S. Grewal, Director of Extension Education and Course Director said that University in collaboration with MSME is helping to strengthen the ecosystem for micro and small businesses to promote self-reliance and sustainable entrepreneurship. Valedictory function was chaired by Dr. Opinder Singh, Registrar, along with Dr. S.K. Uppal, Dean Post Graduate Studies and Dr. R.S. Sethi, Additional Director of Research.

PAIR-ANRF Sponsored Workshop on AI/ML in Livestock Production



Department of Veterinary Anatomy, College of Veterinary Science, Ludhiana, organized a workshop entitled **'Smart Barns, Smarter Rearing: AI/ML in Livestock Production'** under the aegis of the PAIR-ANRF project outreach initiative, for postgraduate students to enhance their understanding of Artificial Intelligence and Machine Learning applications in modern livestock farming.

Dr. J.P.S. Gill, Vice-Chancellor, graced the inaugural session and emphasized the transformative role of AI/ML in livestock systems. He encouraged students to integrate advanced technologies into research and innovation. The workshop featured sessions on precision livestock farming, sensor technologies in dairy farms, computer vision-based animal monitoring and predictive tools for cattle health assessment. Dr. R.S. Grewal, Director of Extension Education, and Dr. Varinder Uppal, Director, Human Resource Management Centre graced the valedictory function.

Brainstorming Session on 'Ensuring Milk Quality for Community Health'



The Directorate of Extension Education convened a brainstorming session on '**Ensuring Milk Quality for Community Health**' to deliberate on emerging challenges and strategic pathways for producing safe and high-quality milk. Dr. J.P.S. Gill, Vice-Chancellor, underscored that milk quality is intrinsically linked to public health, consumer confidence and long-term sustainability of dairy sector. He noted that while India has achieved significant milk production, the focus must now shift towards improving quality and promoting value addition to enhance farmers' income.

Dr. R.S. Grewal, Director of Extension Education called for synergistic engagement among academia, industry and field functionaries. Experts shared insights on various aspects of milk quality including global milk standards and Punjab's roadmap for improving milk quality; link between milk quality and human health; developing reliable milk pools from progressive farms; mycotoxins and drug residues in milk; and role of feed and fodder management in maintaining milk quality.

CAFT Training in Veterinary Pathology

The University conducted 21-days **Centre for Advanced Faculty Training (CAFT)** programme on '**Amalgamation of Conventional and Advanced Diagnostic Approaches in Veterinary Pathology: A Key to Precise Diagnosis in an Evolving Scenario**'. Sponsored by the Indian Council of Agricultural Research (ICAR), New Delhi, the training was conducted from January 28 to February 17, 2026, witnessing participation from veterinary professionals representing 11 states across India.

The programme provided comprehensive exposure to both conventional and modern diagnostic techniques in veterinary pathology through lectures and extensive hands-on training. Apart from faculty of the University, experts from other premier institutions also shared their knowledge and expertise with the participants. Dr. Sanjeev Kumar Uppal, Dean, Post Graduate Studies and ICAR Nodal Officer for CAFT appreciated the dedication of participants and encouraged them to effectively apply the learned techniques in respective institutions. Dr. S.S. Randhawa, Dean, College of Veterinary Science motivated the trainees to replicate and further disseminate the advanced practices observed during the training. Dr. Kuldeep Gupta, Director of the training programme, expressed gratitude to the Vice-Chancellor, ICAR, trainees and departmental staff for their support and co-operation.



Hands-on Workshop on Scientific Article Writing



The University organized a training workshop on **‘Writing Review Articles and Systematic Literature Synthesis’** at the Centre for One Health, wherein postgraduate students participated and got benefitted. Dr. Jasbir Singh Bedi, Director, Centre for One Health, highlighted the importance of scientific writing in research and academic careers, emphasizing that a good review article critically analyses existing literature to identify key findings, research gaps and future directions.

The participants learned how to plan a review, search scientific databases, choose relevant research papers and organize information in a clear and meaningful way and present evidence logically. A special session on systematic reviews and meta-analysis was also delivered, guiding participants on structured approaches to reviewing research and synthesizing evidence from multiple studies.

Hands-on Training on ‘Nutritional Technologies for Dairy Farmers’

Department of Animal Nutrition organized training programme on **‘Nutritional Technologies for Dairy Farmers’** under the aegis of the Directorate of Extension Education of the University. A total of 14 dairy farmers and feed manufacturers participated in the training and obtained practical exposure to modern and cost-effective nutritional technologies essential for



profitable dairy farming. The participants were trained in preparation of mineral mixture, bypass fat, uromin lick and fodder conservation techniques including silage and hay making. Expert lectures were also delivered on scientific feed formulation, nutrition management from day-old calf to heifer and adult milking animals, transition feeding, vitamin and mineral nutrition and balanced ration formulation using locally available feed resources. Special sessions were conducted on aflatoxin contamination in feed and fodder and its effective control along with demonstrations on feed testing and its importance in ensuring animal health and productivity. In the concluding function, Dr. R.S. Grewal, Director of Extension Education, emphasized the adoption of modern nutritional technologies to reduce feeding costs substantially, thereby improving farm profitability.

Training Programme on ‘Value Addition of Milk and Milk Products’

College of Dairy and Food Science Technology conducted hands-on training programme on **‘Value Addition of Milk and Milk Products’** to equip participants with practical skills for converting raw milk into value-added products, alongside guidance on packaging, labeling, shelf-life and marketing. Dr. S.P.S. Ghuman, Dean of the College, inaugurated the programme and stressed that value addition of milk is crucial for increasing dairy farmers’ income and generating employment opportunities in rural areas. Dr. R.S. Grewal, Director of Extension Education chaired the valedictory session and motivated participants to use the acquired knowledge for entrepreneurship and self-reliance in dairy processing.



Pitchquest 2.0 Draws Global Experts and Investors



The Veterinary and Livestock Innovation and Incubation Foundation (VLIIF) organized Pitchquest 2.0, bringing together international experts, investors, and promising startups on a common platform. The event designed to promote entrepreneurship in veterinary and allied sectors and to provide innovators an opportunity to present their ideas before mentors and funding agencies featured eminent global leaders including Prof. Klaus Osterrieder, President, University of Veterinary Medicine Hannover, Germany; Dr. Baljit Singh, Vice President Research, University of Saskatchewan, Canada; Dr. Alix Hayden, Director, University of Saskatchewan and Dr. Munish Jindal, Director General, LUCR8 Ventures. Startups presented innovative, research-driven solutions to investors from networks such as Ekara Financials, Punjab Angels Network and GX Ventures Pvt. Ltd., receiving mentorship and strategic feedback. Dr. J.P.S. Gill, Vice-Chancellor emphasized the University's role in catalyzing entrepreneurship. Dr. R.S. Sethi and Dr. R.S. Grewal highlighted the importance of mentorship, incubation and international collaboration in fostering sustainable innovation in the livestock and veterinary sectors.

Dairy Farming Training

The University conducted two-weeks 'Dairy Farming Training', empowering youth with scientific dairy farming practices. A total of 55 trainees participated in the programme including three foreign-returns. Dr. J.P.S. Gill, Vice-Chancellor appreciated the Department of Veterinary and Animal Husbandry Extension Education for organizing an impactful training programme and reaffirmed the University's commitment to empowering farmers through scientific knowledge, skill-based training and technological support. Dr. R.S. Grewal, Director of Extension Education emphasized the role of dairying in strengthening rural livelihoods, ensuring nutritional security and generating employment. Dr. Jaswinder Singh, Course Director, highlighted that the programme combined theory with hands-on training, covering scientific housing, balanced feeding, mastitis control, vaccination, clean milk production, reproductive management, biosecurity and dairy marketing. A dedicated session on financial assistance and institutional credit was also organized to guide participants on loan procedures and financial planning for dairy enterprises. Sh. Surinder Singh, Deputy Director, Dairy Development Department, Punjab, provided valuable insights into government schemes and departmental support mechanisms for dairy farmers.



Advanced Management Development Programme

Department of Livestock Production Management organized an Advanced Management Development Programme under the theme '**Managing Competencies in the Dairy Farm Business management**' under Project Misc-168 '**Advanced Entrepreneurship, skill and Management Development Programmes on Dairy Farming**' funded by Ministry of Micro, Small and Medium Enterprises, office of Development Commissioner (MSME) Nirman Bhawan, New Delhi. A total of 25 entrepreneurs attended the programme, taking in its ambit lectures, practical sessions and hands-on experiential learning delivered by experts from veterinary sciences, dairy science, banking and finance covering different aspects of scientific dairy farming, processing, marketing and finance related to Dairy Farm Business management.



Dr. J.P.S. Gill, Vice-Chancellor graced the valedictory and certificate distribution ceremony and encouraged the participants to follow scientific guidelines for dairy production to maintain the sustainability and profitability of Punjab's dairy sector. Dr. S.S. Randhawa, Director of Research and Dean, College of Veterinary Science discussed about scientific precautionary measures to improve dairy animal's health and productivity. Dr. R.S. Grewal, Director Extension Education and Course Director urged to adopt cutting-edge technologies to manage dairy products on a commercial scale and making value addition through processing for economic stability by promoting innovation and entrepreneurship.

Training on Quail Meat Processing



Department of Livestock Products Technology in collaboration with Directorate of Livestock Farms organized specialized training programme on '**Hygienic Quail Meat Production and Processing for Entrepreneurship Development and Income Generation**' under the SC-SP sub-head of AICRP on Cattle: FPT for strengthening the entrepreneurial skills of participants. A total of 25 trainees participated in the programme and got benefitted. The sessions focused on hygienic production practices, scientific processing techniques and value addition strategies for quail meat products, along with hands-on practical exposure. Dr. S.S. Randhawa, Dean, College of Veterinary Science, encouraged farmers and rural youth to venture into self-employment by establishing their own quail production and processing units.

Training to Promote Ornamental Fisheries



College of Fisheries conducted training programme on '**Ornamental Fish Culture, Breeding, Seed Production and Aquarium Fabrication**' to strengthen capacity building in ornamental fisheries sector. The training covered breeding techniques, seed production, aquarium design and maintenance, supported by hands-on practical sessions and interactive discussions with national experts from leading fisheries institutions and industry hubs. For realistic insight, the participants attended special offline/online interactive sessions with renowned national ornamental fisheries experts, including Dr. Saroj Kumar Swain, Former Director, Central Institute of Freshwater Aquaculture (CIFA), Odisha and trading experts from West Bengal, Kerala and Punjab.

Hybrid Short Course on Bioinformatics



College of Animal Biotechnology conducted a six-week hybrid short course on Bioinformatics to equip participants with essential knowledge and practical skills required in the rapidly evolving field of computational biology. The course, including five weeks of online instruction followed by one week of on-campus practical training covered key topics, viz. biological databases, sequence analysis, genomics, basic programming concepts used in biological data analysis and hands-on experience in laboratory techniques, data analysis workflows and application of bioinformatics tools used in research and biotechnology industries. Dr. R.S. Sethi, Dean, College of Animal Biotechnology appreciated the initiative for effectively integrating classical biology with contemporary computational tools to promote innovation, skill development and excellence in animal biotechnology. Dr. J.P.S. Gill, Vice-Chancellor emphasized that such programmes play a vital role in nurturing a future-ready scientific workforce aligned with national and global research priorities.

University Scientist delivers Expert Lecture on Gene Co-expression Network Analysis of RNA-seq Data Using WGCNA

Dr. C. S. Mukhopadhyay, Professor and Head, Department of Bioinformatics, delivered an expert talk on 'Gene Co-expression Network Analysis of RNA-seq Data Using WGCNA' on Next Generation Sequencing and Machine Learning in Bioinformatics, on 13th January 2026, at the Bioinformatics Center, School of Agricultural Biotechnology, Punjab Agricultural University, Ludhiana.



Expert Lecture Series on Livestock Genomics and Bioinformatics



Centre for One Health organized an expert lecture series on 'Advances in Livestock Genomics and Bioinformatics.' Dr. J.S. Bedi, Director, Centre for One Health, welcomed the speakers and emphasized the need for long-term collaboration between the University and National Institute of Animal Biotechnology (NIAB), Hyderabad in the fields of genomics, bioinformatics and One Health. Dr. R.S. Sethi, Dean, College of Animal Biotechnology, highlighted the importance of strengthening academic partnerships to advance livestock genomics and precision animal health.

The NIAB experts Dr(s). Sarwar Azam, Shailesh Sharma and Sandeep Kushwaha discussed conservation and genomic improvement of indigenous cattle; long non-coding RNAs and bioinformatics-driven antiviral drug discovery; and computational genomics and next-generation sequencing for improving cattle health and welfare, respectively. Dr. S.S. Randhawa, Dean, College of Veterinary Science, also had meeting with the experts to explore potential research collaborations and academic exchange opportunities.

Expert Lecture on Machine Learning approaches in Bioinformatics

Dr Kalpana Singh, Assistant Professor, delivered a lecture on 'Machine Learning approaches in Bioinformatics' and two practical sessions on 'Data preparation and preprocessing for classification' and 'Hands on model training and testing' at workshop on 'Next Generation Sequencing and Machine Learning in Bioinformatics' held from January 12-14, 2026 organized by Punjab Agricultural University, Ludhiana.



Expert lecture on Biotechnology Careers Abroad



Placement Cell of College of Animal Biotechnology organized an expert lecture on '**Biotechnology Careers Abroad: Navigation, Skills, Standards, and Expectations**' to guide students aspiring for international research and industry careers. Dr. Kirtypal Singh, Postdoctoral Fellow at the University of Alberta, Canada shared insights on academic and professional pathways in the global biotechnology sector. He highlighted essential technical skills, research productivity benchmarks and expectations of international universities, laboratories and biotech companies. The session also focused on strategies for building competitive Curriculum Vitae, research publications and training profiles to succeed in the global job market.

Expert Talk on Leveraging Scientific Expertise for Industry Impact



Placement Cell of College of Animal Biotechnology organized an expert talk on '**Leveraging Scientific Expertise for Industry Impact**' to acquaint students with diverse career pathways after graduation. Dr. Prabhjot Singh Mukandwal, Assistant Professor of Global Supply Chain Management, Mike Ilitch School of Business, Wayne State University, USA shared his inspiring journey from industry to academia in the United States and highlighted how students can translate their scientific knowledge into global career and entrepreneurial opportunities.

Scientific Advisory Committee Meeting(s) of Krishi Vigyan Kendras (KVKs)



•Krishi Vigyan Kendra (KVK), Booh, Tarn Taran organised its 8th Scientific Advisory Committee meeting under the chairmanship of Dr R.S. Grewal, Director of Extension Education of the University. Dr Prabjeet Singh, Deputy Director of KVK presented the annual progress report and action plan for the upcoming financial year. Experts including Dr. Parminder Singh, Dr. J.S. Hundal and Dr. Ravikant, along with progressive farmers and departmental representatives, shared suggestions for strengthening the action plan. Publications authored by KVK scientists were also released during the meeting.



•Krishi Vigyan Kendra (KVK), S.A.S. Nagar (Mohali) organized its 7th Scientific Advisory Committee meeting under the chairmanship of Dr. R.S. Grewal, Director of Extension Education, and co-chairmanship of Dr. Parminder Singh, Additional Director Extension Education. Dr. Balbir Singh Khadda welcomed the participants, while Dr. Munish Sharma presented the annual progress report (2025–26) and action plan (2026–27). Dr. Grewal encouraged members and progressive farmers to contribute innovative ideas for strengthening agri- and allied sector activities. He emphasized promoting sheep and goat rearing and integrating animal husbandry with crop farming to enhance farmers' income. The meeting was attended by officials from various departments, scientists and progressive farmers. An exhibition of value-added farm products was also organized.

Farewell Function in Honour of Dr. P.S. Brar and Dr. V.S. Malik

The University Teachers' Association honoured the distinguished service of Dr. Parkash Singh Brar, Director of Research and Dr. V.S. Malik, Senior Scientist, Department of Veterinary Physiology and Biochemistry, on the occasion of their superannuation. The event celebrated their lifelong contributions to veterinary education, research and extension. Dr. J.P.S. Gill, Vice-Chancellor appreciated Dr. Brar's pivotal role in strengthening the University's research framework, promoting interdisciplinary collaboration and mentoring young scientists. He also acknowledged Dr. Malik's significant contributions to veterinary physiology and research in animal physiology and reproductive biology. Both scientists were felicitated by association's representatives for their decades of dedicated service and lasting impact on veterinary science and academic community at the University.



Winter Management Camp organized under Farmer FIRST Project

The University organized a winter management and mineral mixture feeding camp for dairy farmers at village *Mehal Kalan* under the ICAR-sponsored Farmer FIRST Project. Dr. Parminder Singh, Principal Investigator, highlighted challenges faced by dairy animals in winter, including cold stress, reduced feed intake and disease risk. He guided farmers on proper shelter, maintaining cleanliness, and protecting animals from cold winds to ensure their comfort and well-being, emphasizing balancing rations, increasing energy-rich feeds, clean luke-warm water and the regular use of mineral mixtures to enhance immunity, reproduction and milk yield. Mineral mixture bags were distributed among the participants and they were encouraged to continue its use in future as well.



University Expert Operationalizes Canine Hemodialysis Facility at Army Centre

Dr. Randhir Singh, Assistant Professor of the University successfully operationalized a state-of-the-art hemodialysis facility at the prestigious RVC Centre & College, Indian Army, Meerut Cantt. during a specialized training-cum-demonstration programme. Invited as a subject expert, Dr. Singh conducted lectures, live demonstrations and intensive hands-on training for Indian Army Veterinary officers on renal failure management and advanced hemodialysis techniques in dogs, culminating in full clinical activation of the dialysis unit.



Students' Activities

NCC Cadets Bring Laurels to the Institution



NCC cadets of 1 PB R&V Squadron NCC of the University brought accolades to the institution through outstanding performances at the Republic Day Camp Horse Riding Competitions 2026. Sergeant Lovepreet Kaur won silver medals in Dressage and Showjumping Topscore; bronze in Showjumping Fault-n-Out; the prestigious Best Showjumping Six Bar Trophy; and was declared Best Horse Rider (Girls) Runner-Up. Sergeant Arpit Mourya added to the glory by securing bronze medal in Showjumping Fault-n-Out. Sergeant Krish Tuteja secured overall 4th position in Tent Pegging and got a chance to participate in the prestigious Dr. Roop Jyoti Sharma Tent Pegging Trophy event. He was also bestowed with the prestigious honor of giving the Standing Salute to the DG NCC and DG RVS during the Republic day camp annual Horse Show 2026. Corporal Samreet Kaur performed admirably in Dressage. At the Prime Minister's NCC Rally 2026, Sergeant Krish Tuteja got the honour of leading the entire parade by heading the R&V contingent, the first contingent in the formation, carrying the National Flag astride horse Gulshan in front of the Hon'ble Prime Minister of India. Sergeant Lovepreet Kaur, Corporal Samreet Kaur and Sergeant Arpit Mourya all were part of the contingent in this Rally. Dr. J.P.S. Gill, Vice-Chancellor praised the students and the NCC staff for their stupendous achievement that brought pride to the University. Dr. S.S. Randhawa, Dean, College of Veterinary Science, Ludhiana also appreciated the cadets for earning accolades.

Inter-College Poster making competition

The National Service Scheme (NSS) wing and Red Ribbon Clubs of the University organized Inter College Poster-Making Competition on Tuberculosis (TB) as a part of series of events organized by it. Dr. Veenu Gupta, Prof. and Head, Department of Microbiology, Dayanand Medical College and Hospital, Ludhiana raised awareness about early diagnosis of TB and its free treatment (DOTS) and prevention. She also elaborated upon the key symptoms of the disease and misuse of antibiotics. A total of 85 students participated in the competition.



University Student Qualified for the National Youth Festival held at Sathyabhama University, Chennai



Rijul Sharma, a B.V.Sc. & A.H. student of the University qualified to compete in Collage making event at National Inter-University Youth Festival, held at Sathyabhama University, Chennai from 10th to 14th March 2026. Dr. J.P.S. Gill, Vice-Chancellor appreciated him for the achievement.

Students' Participation in Anti-Drug padyatras at Tarn Taran and Abohar



The National Service Scheme (NSS) volunteers of the University participated in anti-drug rallies conducted under the initiative 'Yudh Nashya Virudh', led by His Excellency, Shri Gulab Chand Kataria, Hon'ble Governor of Punjab at Tarn Taran and Abohar. A total of 70 NSS volunteers from the University participated in the events to spread awareness and became part of positive change for a healthy and drug-free society.



The University Sportsperson Clinches Gold at National Handball Championship

The University student Arshdeep Singh Beniwal brought laurels to the institution by securing a gold medal at the 54th Senior Men National Handball Championship held in Kurukshetra. Representing the Punjab team, he delivered an outstanding performance throughout the tournament.



Student gets Selected for Final Round of the MY Bharat Budget Quest 2026

Ms. Gurchetan Kaur, B.Tech student of College of Animal Biotechnology has been shortlisted for the Final Round of the MY Bharat Budget Quest 2026 - a Virtual Dialogue with the Hon'ble Prime Minister.



NSS Wing organizes poster making competition and blood donation drive



The NSS wing of the University during week long activities conducted poster-making competition, Jal Seva (water distribution) and two-days blood donation drives. The topic of Poster making was 'Be a Hero – Donate Blood'. In the Blood Donation Drive, a total of 50 units of blood was collected to save lives as community service. Dignitaries were honoured for their role in community service and being associated with Red Ribbon Clubs promoting voluntary blood donations and empowering youth as change agents.