



Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana

The Intellectual Tapestry (2025)

A Premier Veterinary and Animal Sciences University of India

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From the Desk of the Vice-Chancellor

Guru Angad Dev Veterinary and Animal Sciences University has emerged as a premier institution with excellence in academic, research and extension activities. The University, equipped with state-of-the-art facilities and supported by experienced, nationally and internationally trained faculty, offers an ambient learning environment and professional courses relevant to evolving career dynamics.

The accomplishments of its alumni, holding prestigious positions in India and abroad testify to the quality of education imparted. During the year 2025, the University, while carrying forward its rich legacy, demonstrated strong performance in academics, research, innovation, clinical services, entrepreneurship, outreach, holistic development of students and infrastructural development. The multifaceted initiatives of the University continue to strengthen its role as a centre of excellence in veterinary and animal sciences, while contributing to sustainable livestock development and societal welfare at large.

I have strong faith in the dedication of my faculty, staff and students and I am confident that their earnest efforts, commitment to excellence and collective vision will continue to guide the University towards greater progress and achievements in the years ahead.

Dr. JPS Gill

Vice-Chancellor

University Marks a Historic Achievement by Hosting TEDxGADVASU



The University marked a historic milestone by organizing TEDxGADVASU, the first-ever TEDx event hosted by any Veterinary university in India. By doing so, the University has joined a worldwide movement encouraging dialogue, innovation and visionary thinking. Dr. J.P.S. Gill, Vice-Chancellor presided over the inaugural ceremony and said that the TEDx theme 'Conscious Evolution' reflects the need for mindful growth, sustainable progress and responsible innovation in today's world. Dr. R. S. Sethi, Additional Director, Research and organizer of TEDx, informed that the event held in collaboration with MENTORx, brought together 16 distinguished speakers from diverse walks of life. Two students of the University, Ms. Anoushka Atri and Ms. Srishti Sharma shared the stage with eminent professionals, entrepreneurs, artists and change makers, as speakers, showcasing the confidence and leadership of the University's young generation.

State-of-the-Art Central Instrumentation Facility for Cutting-Edge Research



A Centralized Instrumentation Facility (CIF) has been established to address the long-standing needs of students and researchers across the University as well as those from other institutions. The facility is equipped with state-of-the-art equipment and infrastructure to support cutting-edge research in advanced molecular biology, biotechnology and bioinformatics. It also serves as a platform for hands-on training, skill development and collaborative research, thereby strengthening the overall research ecosystem and enhancing the academic excellence of the University.

International Symposium on Advancing One Health



The University organized the International Symposium on “**Advancing One Health: Concept to Action for Promoting Human, Animal & Environmental Health**” alongside the XXIst Annual Conference of the Indian Association of Veterinary Public Health Specialists (IAVPHS) on 11–12 December 2025. The event brought together over 200 scholars, researchers, scientists and professionals from across India, representing the fields of public health, veterinary sciences, environmental studies and related disciplines. The participation of international delegates from Australia, Canada and Belgium further enriched the dialogue with global insights and experiences. The experts deliberated on key themes, including zoonotic diseases, antimicrobial resistance (AMR), food safety, biosecurity, environmental pollutants, emerging pathogens and integrated surveillance mechanisms for transforming the One Health concept into practical action. The discussions emphasized the interconnectedness of human, animal and environmental well-being in addressing contemporary health challenges.

College of Veterinary Science, Rampura Phul included in the First Schedule list of the Veterinary Council of India (VCI)

The college also celebrated the graduation of its first batch of B.V.Sc. & A.H. during this year



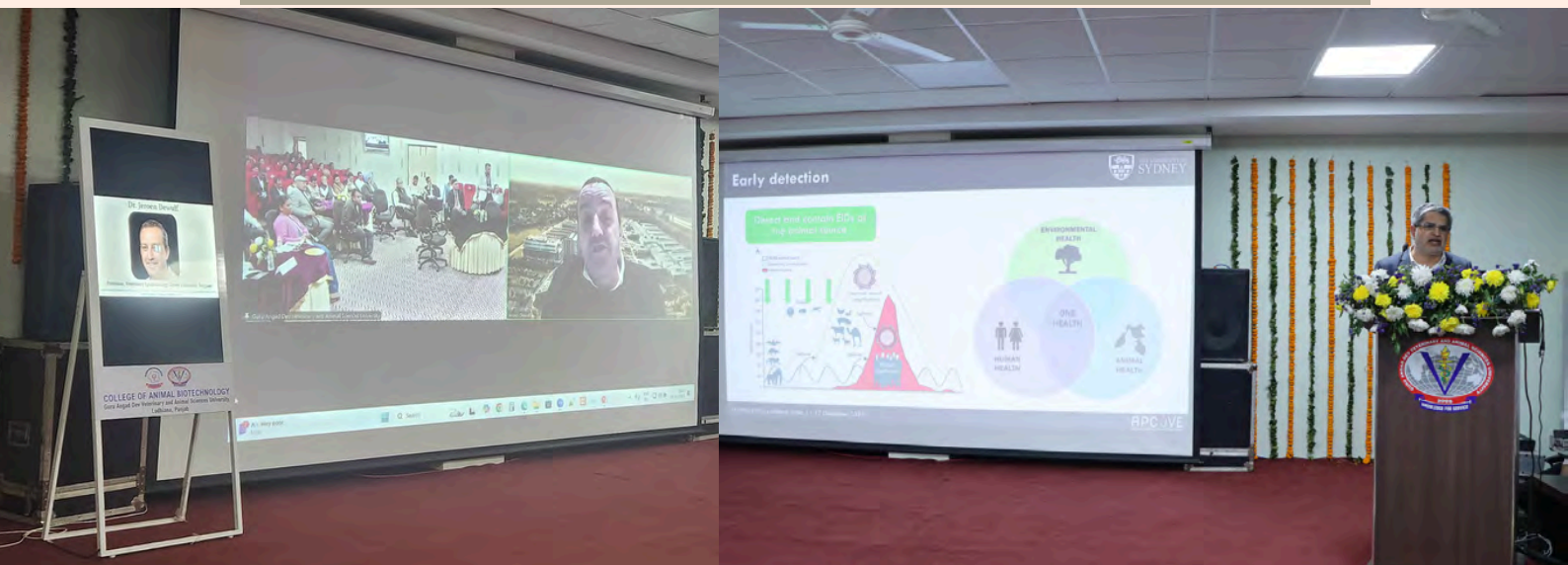
Oath Taking Ceremony

Awards and Recognitions



The University faculty and students participated in international and national conferences and brought laurels to the institution by bagging various awards and fellowships, including Lifetime Achievement Award by IAVPHS, Fellowship of NAVS(I), Associate Fellowship/membership of NAVS(I), A.T. Sherikar Outstanding Public Health Veterinarian Award, Dr. R.K. Agarwal Food Safety Award, Young Scientist Award, Best Ph.D. Thesis Award, oral and poster presentation awards and many more. The University faculty delivered various lead papers and invited talks.

International Exposure to Students through Expert Talk(s)

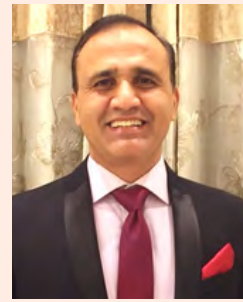


To keep students and faculty abreast of the global research and developments, a series of expert lectures and interactive sessions were organized during the year, wherein distinguished international scientists from Colorado State University, USA; Wayne State University, USA; University of Saskatchewan, Canada; University of Sydney, Australia; University of Ghent, Belgium etc. shared their knowledge and expertise on topics of interest.

Research Endeavours

Patent on Noble '3D Printed Smart Cerclage Strip'

The department of Veterinary Surgery & Radiology of the University invented a smart cerclage strip to provide adjunct support at fracture site in dogs and earned a patent on "3D Printed Smart Cerclage Strip for Medicinal Monitoring of Comminuted Fracture in Canine" for this novel research on canine health. More patents are also in the pipeline.



International & National Collaborations



The University strengthened its research ecosystem through collaborative research linkages through MOUs with many premier international and national research institutes, industry partners and universities such as Mentorx, Delhi, India; Baba Farid University of Health Sciences, Faridkot; DeVANS Modern Breweries Limited, Jammu; Nestle R&D Centre India Private Limited; National Institute of Animal Biotechnology (NIAB), Hyderabad; Progressive Dairy Farmers Association, Mullanpur, Ludhiana; Brooke Hospital for Animals, India; Novus Animal Nutrition India Pvt. Ltd.; Adisseo Animal Nutrition Pvt. Ltd.; Green Pockets Private Limited and AIIMS, Bathinda. The University also joined Indian Member Council of Shastri Indo-Canadian Institute.



Research Projects

The University received substantial research funding i.e. **Rs. 663.5 lakhs** from various government agencies and industries for **29 research projects**. Important agencies included the Department of Biotechnology (DBT), Department of Science and Technology (DST), Indian Council of Agricultural Research (ICAR), National Livestock Mission (NLM), National Bank for Agriculture and Rural Development (NABARD), Indian Council for Medical Research (ICMR), Punjab State Council for Science and Technology, Devans Modern Breweries Limited, Bohri, Talab Tillom Jammu & Kashmir, Nestle R&D Centre India Private Limited and Novus Animal Nutrition India Pvt. Ltd. The research projects covered a wide spectrum of disciplines, ranging from livestock health and production to fisheries, dairy technology and biotechnology. The research output of the university was published in prestigious journals of national and international repute. The University added two ICAR Experiential Learning Projects to its kitty for skill development of UG students promoting entrepreneurship in fish/shrimp processing and value addition, and transforming Dialyses unit at Teaching Veterinary Hospital into Educational Hub.



Technologies Developed/ Commercialized



The University has developed various technologies including Fortified Dairy Premix, Meat salami, Meat pockets and Extruded sticks. It has also devised oscillating Chuck for Intramedullary Pinning in Small Animals. Hybrid LCP (combi and pure locking holes) bone plates have been designed for the distal long bone fractures in dogs. A lab-scale fluidized bed drying-cum-coating prototype has been developed for instant kheer mix. The University has also worked on standardization and commercialization of cow and buffalo milk-based mozzarella cheese, as well as readiness for transfer of multiple value-added technologies such as shredded mozzarella cheese, Manouri cheese from buffalo whey, white brined cheese and goat milk-based handmade soaps.

Clinical Case Load Handled

Ludhiana Campus

>36891 cases

>34690 Lab Samples

Rampura Phul Campus

>19081 cases

>25579 Lab Samples

Revenue during 2024-25:

Rs. 331 lakhs



Achievements of Veterinary and Livestock Innovation and Incubation Foundation (VLIIF)



- Developed state-of-the-art incubation infrastructure, including office space, meeting rooms and common facilities for 40 startups incubation.
- Onboarded and supported 18 early-stage startups working on innovations in livestock, dairy, animal health, feed, processing, and agri-tech domains.
- Strengthened facilities under iTBI sponsored project with addition of equipment worth Rs. 60 lakhs.
- Ignition Grant of Rs 50 Lakh to ten Startups in Dairy Sector.
- Contributed to employment generation and skill development by nurturing startup-led enterprises. Four students of the University are employed in VLIIF Incubated startup.
- Revenue Generation: More than Rs 3.3 Lakh during 2025 (Jan-Dec).
- Investor Corpus of Rs 100 Cr in collaboration with MentorX to support AI, ML, and Robotics-driven startups in Livestock sector.
- One of VLIIF Incubatee Startup Granted Patent.
- 3 MoUs were signed between VLIIF and CGC-J Technology Business Incubator Association (CGC VentureNest), Jhanjeri, Mohali; Munjal Birmingham City University Centre of Innovation & Entrepreneurship (MBCIE), Ludhiana and MentorX.

Extension Initiatives

Multifarious approach for technology transfer & information dissemination



Pashu Palan Mela at Ludhiana - March & September 2025



The Chief Minister Awardees with the dignitaries

Pashu Palan Mela at COVS, Rampura Phul



Nili Ravi Milking Competition at KVK, Booh (Tarn Taran)

Laying of foundation stone for Administrative building of KVK, SAS Nagar (Mohali)



Meeting of Nili Ravi buffalo breeders

Biofloc Unit at RRTC, Talwara



All KVKs of the University actively participated in the ICAR flagship **Viksit Krishi Sankalp Abhiyan** (29 May-12 June 2025)



The University hosted an open dialogue on **'Cheese and its Prospects in Punjab'**, bringing together major stakeholders to explore opportunities in the \$98 billion global cheese market. The event saw participation from the Progressive Dairy Farmers Association (PDFA), Frontier Dairy Junction, quick service restaurants (QSRs), dairy farmers, start-ups, processors and retailers.



A national symposium on **'Buffalo Farming for Tomorrow: Policy, Practice and Potential'** was organised providing a common platform to policymakers, researchers, industry leaders, farmers, officials of the line departments and cooperatives as well as extension functionaries to discuss the future of buffalo farming in India, with a special focus on Punjab. The experts proposed launching a Buffalo Broiler Mission, creating high-value products, and emphasized the lower water footprint and environmental advantage of buffaloes. Collection and packaging of buffalo milk, low-cost purity testing, value addition, and strategies to boost meat production were emphasised. Subsequently, the University has drafted a comprehensive Policy Paper on Practices and Policy for boosting production of buffaloes in Punjab incorporating inputs from the stakeholders.



Promotion of Nutritional & Health Awareness by celebrating:

01

World Food Day

02

World Fisheries Day

03

World One Health Day

04

National Milk Day



Extended helping hands to flood-affected livestock farmers in Tarn Taran & Fazilka districts of Punjab



In addition, the University organised several trainings, workshops, brainstorming sessions, seminars, demonstrations, and adopted villages to reach the stakeholders.

Co-Curricular Activities

Youth Festival

University organised its 14th Youth Festival under the title '**YuvTarang**' wherein the students from all constituent colleges and affiliated colleges of the University exhibited their talent and highlighted various social issues.



Athletic Meet

The University held its 17th Annual Athletic meet on 19th February, 2025 to promote the spirit of games amongst the students to keep them healthy and in high spirits. A total of 200 students participated in the event.



Laurels at Inter-Varsity Sports and Cultural Events

Sports

Students secured notable position in the XXII All India Inter Agricultural University Sports and Games Meet 2024-25 held at Acharya Narendra Deva University of Agriculture & Technology (ANDUAT), Kumarganj, Ayodhya. A student won Gold Medal at the 46th HFI Junior Boys National Handball Championship held in Jehanabad, Bihar.

Cultural Activities

- The University contingent participated in the 38th AIU Inter-University Youth Festival at Panjab University, Chandigarh, and secured positions in Skit, Mime, Collage Making, Installation, On-the-spot Painting and Debate.
- Students bagged 2nd prize in Cartooning at the Punjab State Inter-varsity Youth Festival, and 1st position in Debate at the National Integration Camp, Chandigarh University, Mohali.



NCC & RVC



Three NCC Cadets of College of Veterinary Science, Ludhiana representing equestrian team of 1 Pb R & V SQN NCC of the University participated in Republic Day Camp 2025 at New Delhi and brought laurels to the institution. Cadets won Bronze medals in the Novice category of Dressage event in which 25 other horses competed, and Novice Category of Tent Pegging event in which 20 horses participated. The cadets participated in the Horse contingent which took part in the Prime Minister's Rally, and also competed in the Veteran category.

Green Initiatives



← Introduced e-Vehicles for Pollution Free Environment

↓ Plantation Drives



→ Cleanliness Drive at Sutlej River & Awareness Campaign



Social Service



Commemoration of 350th Martyrdom Day of Sri Guru Tegh Bahadur Ji

Blood Donation Camp

Infrastructural Developments



The foundation stone for a new international hostel was laid by Dr. M.L. Jat, Director General, ICAR. The facility is being created with financial support of ₹3 crore from ICAR.

Inauguration of 460-seat University Auditorium equipped with state-of-the-art amenities



Opening of an all-weather, air-conditioned multi-storey G+8 hostel for students

The Journey of Excellence Continues.....



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