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

www.gadvasu.in

April - June 2026 (2)

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Published by University Librarian on behalf of the Vice-Chancellor, GADVASU, Ludhiana

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From the Desk of the Vice-Chancellor



Guru Angad Dev Veterinary and Animal Sciences University is continuously upholding its position among the leading institutions of the country having excellence in education, research, innovation and societal outreach. Securing the second rank among State Veterinary Universities in India in Indian Institutional Ranking Framework (IIRF) ranking for the second consecutive year and attaining a prominent national position in the Veterinary and Fisheries domain is a matter of great pride. This recognition is a testament of the dedication of faculty, students, staff and other stakeholders who have contributed tirelessly towards the University's ascendancy. The students have brought laurels to the University by securing appointments in various government departments and reputed industries. Their success reflects the quality of education, practical exposure and professional competencies nurtured at the University.

Research and innovation continue to remain at the helm of affairs of the University. The University has secured significant externally funded projects addressing critical challenges in livestock production, feed and milk quality, environmental conservation and emerging technologies. The collaborations with premier national and international institutions are opening new frontiers in interdisciplinary research, while the achievements of the University scientists at global scientific forums further highlight its growing international stature.

Extension education continues to be one of the strongest pillars of the University. Through numerous training programs, workshops, farmer-scientist interactions and capacity-building initiatives, the University has empowered farmers, veterinarians, entrepreneurs, students and other stakeholders with scientific knowledge and practical skills. The University is committed to holistic development of the students. Activities encompassing TEDxGADVASU, wellness programs, cyber safety awareness, community service and celebrations of the rich heritage of Punjab provide valuable opportunities for nurturing creativity, leadership, ethical values and social responsibility among students. These initiatives complement academic excellence and prepare graduates to become compassionate professionals and responsible citizens.

As we move forward, we shall continue to strengthen academic excellence, promote translational research, embrace emerging technologies including Artificial Intelligence (AI), deepen national and international collaborations and enhance our outreach to the farming community. Every achievement highlighted in this newsletter inspires us to strive for even greater excellence in the years ahead.

Together, let us continue working with dedication, integrity and innovation to advance animal health, livestock development, food security and the vision of a prosperous and sustainable nation.

(JPS Gill)
Vice-Chancellor

The University Emerges as India's Second Best State Veterinary University in IIRF Rankings



Guru Angad Dev Veterinary and Animal Sciences University has achieved a significant milestone by securing second rank among the State Veterinary Universities in India for the second consecutive year in the Indian Institutional Ranking Framework (IIRF) Rankings 2026. The University has also been placed fifth nationally among all the institutions in the Veterinary and Fisheries domain, reaffirming its position as one of India's leading institutions in Veterinary and Animal Sciences education, research and extension. Expressing delight over the achievement, Dr. J.P.S. Gill, Vice-Chancellor, congratulated the faculty, scientists, students, staff, alumni and all other stakeholders for their contribution to this accomplishment. He stated that the ranking reflects the University's persistent pursuit of academic excellence and its steadfast commitment in advancing the livestock sector.

The University Graduates Receive Appointment Letters from the Hon'ble Chief Minister





Graduates of the University achieved another significant milestone as 26 young professionals from the College of Fisheries and the College of Dairy and Food Science Technology secured appointments in Punjab Government departments through competitive recruitment conducted by the Punjab Subordinate Services Selection Board (PSSSB). During a state-level appointment ceremony held at Chandigarh, S. Bhagwant Singh Mann, Hon'ble Chief Minister of Punjab, handed over appointment letters to 20 fisheries graduates appointed as Fishery Officers in the Department of Fisheries, Punjab, and to 06 Dairy Technology graduates appointed as Dairy Inspectors in the Department of Dairy Development, Punjab. The ceremony was attended by S. Gurmeet Singh Khuddian, Minister of Animal Husbandry, Fisheries and Dairy Development, Punjab, and S. Harjot Singh Bains, Minister of Education, Information & Public Relations, and the Local Government, along with senior officials from the concerned departments. Congratulating the newly appointed officials, the Chief Minister appreciated their professional competence and expressed confidence that they would make meaningful contributions to the development of the fisheries and dairy sectors in the state. He urged the fisheries officers to extend technical guidance, capacity building and support services to stakeholders, while encouraging the dairy inspectors to uphold quality standards and safeguard consumer interests. Dr. J.P.S. Gill, Vice-Chancellor, congratulated the appointees and reaffirmed the University's commitment to producing skilled professionals through quality teaching, research and experiential learning.

Placement Fair



Placement Cell of the University organized the '**Placement Fair**' for Veterinary graduates of the 2020 batch, wherein 13 reputed companies and veterinary hospitals took part, offering a diverse array of career opportunities. More than 100 aspiring students from College of Veterinary Science at Ludhiana and Rampura Phul participated in the recruitment drive, showcasing their skills, dedication and professional readiness. Dr. J.P.S. Gill, Vice-Chancellor underscored the growing importance of robust placement initiatives in today's competitive professional landscape, emphasizing that such efforts are vital for enhancing the career prospects and employability of veterinary graduates. This vibrant and result-oriented placement drive not only opened promising career pathways for budding veterinary professionals but also reinforced the University's reputation as a premier institution dedicated to nurturing talent and fostering strong industry-academia partnerships.

Dairy Science Graduates Secure Placements with Dairy Giant AMUL



College of Dairy and Food Science Technology organized on campus recruitment drive, wherein two graduates secured employment with India's leading dairy cooperative, AMUL. After a rigorous selection process, Sachin and Parminder Kumar were selected for the position of Territory Sales In-Charge–I, bringing pride and recognition to the University. The selected candidates have been offered an attractive annual salary package of ₹10.50 lakh. Congratulating the selected candidates, Dr. J.P.S. Gill, Vice-Chancellor, stated that the University is committed to providing quality education through state-of-the-art teaching, research and practical training facilities. Dr. S.P.S. Ghuman, Dean of the College, described the achievement as a matter of immense pride and informed that several reputed national and multinational companies regularly visit the University to recruit talented graduates, reflecting the confidence of the industry in quality of education imparted by the institution.

Oath-taking ceremony of Veterinary Graduates



College of Veterinary Science, Ludhiana organized an oath-taking ceremony for 100 Veterinary graduates of the 2020 batch. Dr. J.P.S. Gill, Vice-Chancellor graced the occasion as the Chief Guest. Dr. J. Mohindroo, Director of Clinics presented the class report highlighting the achievements of students in academics, sports and extracurricular activities. Dr. S.S. Randhawa, Dean of the College administered the Veterinarian's Oath, urging graduates to uphold ethical standards in their professional practice. The graduates expressed heartfelt gratitude to the teachers for their dedication and support in helping them achieve their goals and shared memorable experiences from their time at the University. A video showcasing their academic journey was presented. The Vice-Chancellor congratulated the graduates and wished them success in their future endeavours. He encouraged them to stay engaged in extracurricular activities also to maintain a balanced and healthy life alongside their professional responsibilities. Sponsored by Carus Laboratories Pvt. Ltd., the top three students in clinical subjects were bestowed with cash prizes of ₹51,000, ₹35,000 and ₹25,000, respectively.

Second Edition of TEDxGADVASU



The University organized the second edition of TEDxGADVASU under the theme '**Conscious Evolution**.' Congratulating the organizers and participants, Dr. J.P.S. Gill, Vice Chancellor of the University emphasized that TEDx serves as a unique platform for students to interact with inspiring speakers, gain exposure to diverse perspectives and develop critical thinking, communication and leadership skills. He noted that such experiences are vital for preparing globally competent and socially responsible professionals. Dr. R.S. Sethi, Organizer of TEDxGADVASU and Dean, College of Animal Biotechnology, informed that the event featured 26 speakers from diverse professional and academic backgrounds who shared their experiences, ideas and insights with the audience. Around 100 participants attended the event including 32 students from the University. Dr. Opinder Singh, Registrar and Dr. Swaran Singh Randhawa, Dean, College of Veterinary Science also graced the occassion.

Heritage Festival (*Virasat Mela*)





The University organized Heritage Festival (*Virasat Mela*), celebrating the rich cultural legacy of Punjab and strengthened the students' connection with Punjabi traditions and values. The event provided an engaging platform for students and staff to showcase their cultural talent. Dr. G.S. Wander, Principal, Dayanand Medical College and Hospital, Ludhiana inaugurated the festival and appreciated the initiative to preserve and promote Punjab's heritage among the younger generation. Dr. J.P.S. Gill, Vice-Chancellor of the University emphasized the role of such events in strengthening the cultural identity and encouraging students to remain connected with their roots. S. Gurbhajan Gill, the eminent Punjabi poet called the event an auspicious omen. S. Jasdev Singh Sekhon, Assistant Commissioner, Municipal Corporation, Ludhiana; S. Jasmer Singh Dhatt, Chairman, Sabhyachark Sathh Punjab and other renowned personalities also graced the occasion. Different publications and the magazine '***Yuv Samvedna***' were released in the function. The festival started with cultural procession showcasing different traditional glimpses of Punjab. A series of competitions and exhibitions formed the highlight of the festival. Students enthusiastically participated in the competitions of traditional Punjabi attire, recipes, calligraphy, turban tying and quiz. The campus came alive with performances of traditional folk forms. Alongside competitions, an exhibition of traditional household utensils and heritage items was organized, featuring a wide range of vintage objects illustrating the lifestyle of rural Punjab in earlier times. The festival created a lively atmosphere filled with music, colors and cultural pride.

Research Endeavours

₹1.55 Crore grant for Mobile Feed and Milk Testing Laboratory



The University has secured a major grant of **₹1.55** crore from Kemin Industries South Asia for establishing a state-of-the-art **Mobile Feed and Milk Testing Laboratory (MFML)** to provide free feed and milk testing services and ration formulation services to livestock farmers across Punjab. Dr. J.S. Hundal, Principal Investigator of the project and Head, Department of Animal Nutrition informed that a fully equipped laboratory-on-wheels for feed, fodder, silage, aflatoxin and milk testing will be established. Operating across different zones and hubs in Punjab, it will provide free testing, advisory services, ration formulation and farmer awareness programs on feed safety, mastitis prevention, silage management and modern dairy technologies. Dr. J.P.S. Gill, Vice-Chancellor congratulated the project team and described the initiative as a landmark public–private partnership aimed at strengthening Punjab's dairy sector. He stated that limited access to scientific feed and milk testing services remains a significant constraint for many livestock farmers, and the Mobile Laboratory will help bridge this gap. Dr. S.S. Randhawa, Director of Research stated that the project will serve as a model for evidence-based livestock extension and farmer-centric service delivery.

Project for Developing Paddy Straw-Based 'Smart Fodder'



The University secured a ₹12 lakh research project from the Punjab State Council for Science & Technology and Nature Science Initiative (NSI) for developing paddy straw-based 'Smart Fodder.' Dr. Jujhar Singh Sandhu, Principal Investigator said that the project entitled '**Smart Fodder (Paddy Straw-Based): Advancing Circular Economy through Waste Reduction and New Revenue Streams**' aims to convert crop residue into nutritious livestock feed, promoting sustainable agriculture, reducing stubble burning and creating additional income opportunities for farmers. Dr. J.P.S. Gill, Vice-Chancellor congratulated the research team and highlighted that the project aligns with the University's commitment toward sustainable agriculture, environmental protection and livestock development.

University and IIT Ropar sign MoU for cutting edge research



Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana and Indian Institute of Technology, Ropar signed a Memorandum of Understanding (MoU) for accelerating a significant step toward interdisciplinary research collaboration. Dr. J.P.S. Gill, Vice-Chancellor of the University and Prof. Rajeev Ahujathe, Director of IIT Ropar signed the agreement. Dr. S.S. Randhawa, Director of Research, along with Dr. Kuldip Gupta, Head, Department of Veterinary Pathology and Dr. N.D. Singh, Professor represented the University. Dr. Gill shared that this collaboration opens new avenues in cutting-edge research areas, including artificial intelligence applications in veterinary and biomedical sciences, tumor biology and infectious diseases. The partnership is expected to foster innovation, promote knowledge exchange and strengthen research capabilities across both institutions.

Parkash Purb of *Guru Angad Dev Ji*



The University solemnized the *Akhand Path Sahib* of *Shri Guru Granth Sahib Ji* reverentially celebrating the *Parkash Purb* of *Guru Angad Dev Ji*. A large number of devotees, including faculty, staff, students and visitors paid obeisance on the occasion. The soulful *Gurbani Kirtan* heightened the devotional fervor, leaving the *Sangat* immersed in spiritual bliss. The program concluded with community langar, symbolising the Sikh values of equality, humility and selfless service. Dr. J.P.S. Gill, Vice-Chancellor remarked that the teachings of the Sikh Gurus and the eternal wisdom of *Guru Granth Sahib Ji* continue to guide humanity towards righteous living, compassion and service.

University scientists address at International Conference in Ireland





Dr. Anju Boora Khatkar and Dr. Sunil Kumar from College of Dairy and Food Science Technology (CDFST) of the University were invited as Keynote Speakers at International Conference on **Ultrasonics Food and Technology 2026 (SonicsFoodTech 2026)**, held at Teagasc Food Research Centre, Ashtown, Dublin, Republic of Ireland. Dr. Khatkar undertook this engagement as a recipient of the ANRF–International Travel Support (ITS) Award, Government of India. She delivered keynote address on, '**Ultrasonication-Driven Modification of Food Proteins: Structural Insights and Functional Transformation from Lab to Field**,' highlighting the potential of non-thermal technology for developing functional and clean-label food systems. Dr. Kumar, in his keynote address, '**Unravelling the Potential of Buffalo Milk Protein Concentrate Employing Ultrasonication: Functional and Structural Characterization**,' showcased valorization of buffalo milk and highlighted Punjab's potential as a future 'Buffalo Milk Protein Bowl' of Europe, fostering discussions on Indo-European research collaboration and technology commercialization.

University Scientist Showcases Indian Livestock Research at Global Conference in Japan



Dr. Shruti Chopra, Assistant Professor, College of Dairy and Food Science Technology participated in the 29th Annual Conference on Global Economic Analysis, organized by the Center for Global Trade Analysis, Purdue University, USA, under the Global Trade Analysis Project (GTAP), in collaboration with and at Kyoto University, Japan. Dr. Chopra presented her research paper entitled '**Macroeconomic and Welfare Effects of Livestock-Sector Interventions: A CGE Approach**.' She received financial support under the International Travel Support Scheme of the Anusandhan National Research Foundation (ANRF) under the Ministry of Science and Technology, and the Indian Council of Social Science Research (ICSSR) under the Ministry of Education, Government of India. She also acknowledged the academic support and guidance received from the International Food Policy Research Institute (IFPRI).

University gets New Officers



Dr. Sarvpreet Singh Ghuman assumed the charge as founder Estate Officer of the University. He began his career on 20 December 1995 in the Department of Veterinary Gynaecology and Obstetrics, College of Veterinary Science, Ludhiana which subsequently became Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana. He obtained Ph.D. from University of Liverpool, United Kingdom, under Commonwealth Scholarship Plan, in 2004. On account of his meritorious contributions, he became fellow of 'The Indian Society of Animal Reproduction (ISSAR)', 'National Academy of Dairy Science, India (NADSi)' and 'National Academy of Veterinary Sciences, India (NAVS)'. During his distinguished academic and administrative career, he has held several key positions, including Head, Teaching Veterinary Clinical Complex; Dean, College of Veterinary Science; Director Students' Welfare-cum-Estate Officer (Additional Charge); and Dean, College of Dairy and Food Science Technology (Additional Charge). Presently, he has been entrusted with the responsibility of serving as the Estate Officer of the University, reflecting the institution's confidence in his administrative leadership and organizational capabilities.



Dr. Kuldip Gupta assumed the charge as Dean, College of Veterinary Science, Rampura Phul. He began his professional journey as Assistant Professor, Veterinary Pathology at College of Veterinary Science, Ludhiana in 2001 and rose to become Head, Department of Veterinary Pathology. Dr. Gupta is the Diplomate of the Indian College of Veterinary Pathologists (ICVP) and Fellow of the Indian Association of Veterinary Pathologists (IAVP). He has worked extensively on infectious bursal disease, avian oncogenic virus infections and neoplasia of canines. Dr. Gupta has guided nine MVSc and two PhD students and published 173 articles. He has several awards including Dr. Nemi Chand Jain and Dr. Jawahar Lal Vegad Award for Outstanding Research in Veterinary Pathology to his credit.



Dr. R.S. Sethi has assumed the charge as Dean, College of Animal Biotechnology. Dr. Sethi has made notable contributions to teaching, research, innovation and academic leadership. He also served as the Founder Additional Director of Research at the University and held the additional charge of Dean, College of Dairy and Food Science Technology. He spearheaded the establishment of Punjab's first DST-NIDHI Inclusive Technology Business Incubator (i-TBI) for Dairy Innovation, securing ₹5 crore in funding to create a vibrant ecosystem for technology commercialization, startup incubation and entrepreneurship in the livestock and dairy sectors. He also played a key role in establishing the University's COVID-19 testing laboratory. An Adjunct Professor at the University of Saskatchewan, Canada, and a Fellow of four prestigious professional societies, Dr. Sethi was instrumental in establishing the Indo-German Veterinary Education Network (InDeVet). He has 130 scientific publications and several nationally and internationally funded research projects to his credit.



Dr. Jaspal Singh Hundal, a dynamic academician with over 23 years of excellence in research, institutional governance and technology-led livestock development, has assumed charge as Director of Students' Welfare. Formerly Coordinator of Research, and also heading the Department of Animal Nutrition, he has mobilized over ₹18 crore in competitive research funding and led more than 27 externally funded projects. Dr. Hundal has guided 9 Ph.D. and 33 M.V.Sc. scholars, published 121 peer-reviewed research papers, authored 5 books and developed several innovative livestock technologies. A recipient of the Best Teacher Award (2024), Best Researcher Award (2023) and Best Extension Scientist Award(2019), he is Fellow of the National Academy of Veterinary Sciences (NAVS), National Academy of Dairy Sciences (NADS), and Animal Nutrition Association (ANA).



Dr. Balbir Bagicha Singh Dhaliwal joined as Additional Director of Research on 26 June 2026. Dr. Dhaliwal, Professor in Veterinary Epidemiology and Public Health at the Centre for One Health also served as Coordinator of Research at the University. His additional appointments include Honorary Lecturer at the Sydney School of Veterinary Science, The University of Sydney, Australia and Adjunct Professor at the Western College of Veterinary Medicine, University of Saskatchewan, Canada. He served as Head, Department of Microbial & Environmental Biotechnology, College of Animal Biotechnology from March 2023 to July 2025. Dr. Dhaliwal also participated as a Visiting Scientist at the Centre for Foodborne and Animal Parasitology, Canadian Food Inspection Agency, OIE Reference (Trichinella) Lab and Collaborating (Foodborne zoonotic parasites) Centre, Saskatoon, Canada during 2012. Dr. Dhaliwal is passionate about improving the lives of poor livestock owners worldwide and the sustainable development of livestock and the health sector in developing countries.

First Successful Online Hemodiafiltration Performed in a Dog



The University achieved a historic milestone by successfully performing the first Online Hemodiafiltration (OL-HDF) in a 9-year-old Labrador Retriever dog. The advanced renal replacement therapy marking a significant breakthrough in veterinary critical care and nephrology, was conducted by the University's Dialysis Unit, under the aegis of the ICAR funded Experiential Learning Project. Expressing pride in this groundbreaking achievement, Dr. J.P.S. Gill, Vice-Chancellor, underscored that this accomplishment highlights the University's growing prominence in advanced Renal Replacement Therapies.

Trainings/Workshops/Camps/ Seminars

World Veterinary Day-2026



The University celebrated the '**World Veterinary Day'** at its Multispecialty Veterinary Hospital, under the theme, '**Veterinarians: Guardians of Food and Health**.' The event highlighted the essential role of veterinarians in ensuring food safety, food security, public health and animal welfare. On this occasion, an anti-rabies vaccination and deworming camp was organized for the animal owners. Dr. J.P.S. Gill, Vice-Chancellor inaugurated the event and underscored the vital role of veterinarians in safeguarding animal health, public health and called for strengthened community engagement and preventive care. Dr. S.S. Randhawa, Dean, College of Veterinary Science also graced the occasion. Dr. J. Mohindroo, Director of Clinics educated the pet owners regarding importance of proper vaccination and deworming for keeping their pets safe and healthy from serious and life threatening diseases. Calcium supplements, dewormers and other feed supplements were also distributed free of cost to the pet owners. The Virbac Animal Health India Pvt. Ltd.; Alembic Pharmaceuticals Ltd.; and Carus laboratories Pvt. Ltd. provided complimentary vaccines and supplements.

'World Milk Day'



College of Dairy and Food Science Technology celebrated the '**World Milk Day-2026**' highlighting the nutritional, economic and social importance of milk and dairy products vis-à-vis promoting awareness about dairy science, food safety and healthy living. During the World Milk Day Pledge, participants committed to promote milk consumption, dairy hygiene and food safety, and to support dairy farmers. Students also presented an innovative human chain activity, '**The Movement of One Drop of Milk**,' depicting the journey of milk from dairy farms to end users. A series of educational and interactive activities were organized. Dr. J.P.S. Gill, Vice-Chancellor highlighted the importance of milk and dairy products in promoting health, food security and sustainable agricultural growth. Dr. S.P.S. Ghuman, Dean of the college emphasized the role of the dairy sector in nutritional security and rural development. As part of the celebrations, a Milk Adulteration Detection Camp from 4 June to 3 July, 2026 at University campus was also announced.

International Workshop on Hoof Management



The University in collaboration with National Dairy Development Board (NDDB) successfully organized an international specialized Hoof Management Workshop for enhancing the practical skills and scientific understanding of faculty, veterinarians, field officers and livestock professionals in the area of hoof care and lameness management in dairy animals. Dr. J.P.S. Gill, Vice-Chancellor graced the occasion as the Chief Guest. The Danish delegates, Dr. Camilla Brasch Andersen, Chief Consultant, International Cooperation, Danish Food and Veterinary Administration and Fisheries Agency and Dr. Nynne Capion, Associate Professor, Department of Veterinary Clinical Sciences, University of Copenhagen shared their views and expertise. Anette Vestergaard, Hoof Trimmer, demonstrated advanced hoof trimming techniques, with special emphasis on the White Line Methodology. The live demonstrations and hands-on training provided participants with valuable insights into modern hoof health management practices. Dr. Gill emphasized the importance of scientific hoof care in improving animal welfare, productivity and longevity of dairy animals. Dr. S. S. Randhawa, Dean, College of Veterinary Science highlighted lameness as a major, but often overlooked issue affecting dairy profitability. He also shared the significant work being carried out by the University in the field of bovine lameness. The field-level challenges and practical solutions for improving hoof health management in dairy herds were discussed.

Capacity building and Skill Upgradation training

Human Resource Management Centre of the University organized a five day Capacity building and Skill Upgradation training to equip newly recruited and promoted non-teaching staff with essential skills and knowledge about institutional policies, rules and regulations, record management, accountability, responsiveness, purchase procedures and various academic and administrative activities of the University. Dr. J.P.S. Gill, Vice-Chancellor emphasized that continuous professional development programs and adherence to high academic standards are vital for institutional growth and excellence. He asserted that such initiatives are essential for enhancing efficiency, promoting adaptability to modern administrative practices and ensuring quality service delivery.

Biofloc Aquaculture Capacity Building Program



College of Fisheries organized a three day capacity building program in Biofloc based Aquaculture (BFAQ) and trained a group of 122 participants including 70 women. The training was tailored to apprise the beginners with basics of Biofloc Aquaculture Technology and equip them with the required technical expertise for establishing indoor and outdoor biofloc aquaculture systems. The training comprised of two days off-campus technical sessions at Demonstration Farm-cum-Training Center of Department of Fisheries, Punjab in village *Ena Khera* (Sri Muktsar Sahib) and one day on-campus practical sessions at Capacity Building Resource Center CBRC at the University. The participants were also apprised of various promotional schemes offering subsidies and loans under Pradhan Mantri Matsya Sampada Yojana (PMMSY) and Pradhan Mantri – Matsya Kisan Samridhi Sah-Yojana (PM-MKSSY) schemes, and were further urged to register at National Fisheries Digital Platform (NFDP) for securing financial benefits and schemes.

Similarly, in another such training, a total of 61 participants got benefitted with practical sessions on setup of biofloc units; sustainable biofloc production and management; biosecurity; fish/shrimp production in indoor/outdoor biofloc units; water quality testing; feeding regime; and health management. Dr. Meera D. Ansal, Dean of the college informed that CBRC for Intensive Aquaculture Technologies has been established at the University under PMMSY of GOI to cater the training needs of the regional stakeholders for sustainable expansion of intensive aquaculture technologies. Dr. J.P.S. Gill, Vice-Chancellor envisaged to extend the outreach of BFAQ and RAS in the region, requiring 75-80% less water per kg of fish production and hence, offering food security with added environmental gain.

Workshop for Veterinary Officers



Directorate of Extension Education of the University in collaboration with the Department of Animal Husbandry, Punjab organized the Master Trainers' workshop on Goat, Sheep, Pig and Poultry for Veterinary Officers of the state. A total of 43 Veterinary Officers participated in the workshop focused on practical and field-oriented aspects of veterinary practice including blood sampling techniques in poultry and pigs, surgical management of urinary obstruction, nutritional requirements of sheep, goats, pigs and poultry, farm economics, humane euthanasia methods for small animals and standard post-mortem procedures. Dr. J.P.S. Gill, Vice-Chancellor emphasized that continuous capacity building of veterinary professionals is imperative for ensuring efficient animal healthcare services and sustainable livestock development. Dr. R.S. Grewal, Director of Extension Education, stressed that such programs bridge the gap between scientific advancements and field-level application, ultimately benefiting the farming community.

Milk Awareness Camp



College of Dairy and Food Science Technology organized the '**Milk Awareness Camp**' at Police DAV Public School, Ludhiana, sensitizing students about the nutritional importance of milk and career opportunities in Dairy and Food Science Technology. Students were briefed about undergraduate programs, along with higher education prospects and diverse career options in dairy and food industries, quality control laboratories, research and development, entrepreneurship and government sectors. A session on detection of milk adulteration was also conducted.

Goat Farming Gaining Ground



The University trained 39 participants in goat and sheep farming. The five day training covered scientific practices related to breeding, feeding, housing, healthcare and enterprise management. Dr. J.P.S. Gill, Vice-Chancellor appreciated the extension wing of the University for dissemination of scientific knowledge among the stake-holders on the emerging profitable enterprises of goat and sheep farming due to its evergreen scope and increasing market demand. Dr. R.S. Grewal, Director of Extension Education highlighted the importance of value addition in goat milk and meat products, including goat cheese and other processed products, as a means to enhance farmers' income and promote goat farming as a profitable enterprise.

Clinical Biosecurity Workshop



Centre for One Health of the University organized an interactive workshop on '**Clinical Biosecurity and Infection Prevention Practices in Veterinary Hospitals**' for postgraduate students of the clinical departments to strengthen their awareness regarding infection prevention and control practices in veterinary clinical settings and promote a culture of responsible clinical biosecurity. Dr. J.P.S. Gill, Vice-Chancellor appreciated the efforts of the Centre for One Health in organizing such practical and capacity-building academic activities and encouraged continued initiatives focusing on One Health and infection prevention practices in veterinary healthcare settings. Expert(s) highlighted the importance of clinical biosecurity in preventing healthcare-associated infections and limiting the spread of antimicrobial resistant pathogens in veterinary hospitals, and organized a hands-on interactive session outlining the fundamental framework of clinical biosecurity, practical risk assessment methods and integration of Hazard Analysis and Critical Control Point (HACCP) principles into veterinary clinical practices. Further, sessions on identifying high-risk areas and improving compliance with infection prevention measures in hospital settings, role of proper cleaning and disinfection practices in veterinary hospitals, disinfectant selection, cleaning workflows and prevention of cross-contamination in clinical environments were held. Dr. Jasbir Singh Bedi, Director, Centre for One Health emphasized that clinical biosecurity practices are critical for safeguarding animal health, veterinary professionals, students and the larger community under the One Health framework.

Training in Advanced Dairy Nutrition Technologies



Department of Animal Nutrition organized a five-day Hands-on Training Program on '**Nutritional Technologies for Dairy Farmers**.' A total of 24 participants attended the training aimed to equip them with practical skills and scientific knowledge to enhance productivity through improved nutritional practices, through translation of advanced nutritional technologies into field applications. The key topics covered included natural fermentation of straws, preparation of urea molasses mineral blocks (UMMB), feed testing, mineral mixture formulation, bypass fat preparation and the formulation of balanced rations for calves, lactating goats and dairy animals. The program also covered silage making, safe feed storage and strategies for aflatoxin control. Addressing the participants, Dr. R.S. Grewal, Director of Extension Education, emphasized the importance of adopting scientific feeding practices and urged farmers to view dairy farming not merely as a livelihood but as a scalable agribusiness model.

Workshop on Blood Transfusion in Animals



The University organized a workshop under the theme '**A Practical Approach to Blood Transfusion in Pets and Livestock**', witnessing participation of Veterinary Officers of the Department of Animal Husbandry, Punjab, along with faculty members and postgraduate students. Participants got their knowledge enriched with expert lectures combined with hands-on practical sessions covering donor selection, blood collection techniques, blood grouping and cross-matching procedures, blood product storage, handling protocols and safe transfusion practices. Dr. J.P.S. Gill, Vice-Chancellor observed that in view of increasing demand for specialized veterinary services, particularly in the areas of emergency medicine and critical care, such training programs help ensure that veterinarians remain updated with modern diagnostic and therapeutic techniques, ultimately leading to improved animal welfare, enhanced livestock productivity and better animal healthcare outcomes.

Poultry Farming Training



The University organized a two-week **Poultry Farming Training** benefitting a total of 33 participants. The program combining classroom teaching with practical exposure covered scientific poultry housing, feeding management, disease prevention, biosecurity measures, zoonotic diseases and poultry marketing strategies aimed at improving farm profitability. The program also featured an industry-oriented expert lecture on modern commercial poultry production and emerging opportunities in the sector. A lecture on banking facilities and financial support available for livestock and poultry farming enterprises was also organized. Dr. J.P.S. Gill, Vice-Chancellor reiterated the University's commitment towards empowering livestock farmers through scientific knowledge and skill-based training initiatives. He described poultry farming as a profitable venture with strong potential for self-employment, entrepreneurship and income enhancement in rural areas. Dr. R.S. Grewal, Director of Extension Education also emphasized the importance of livestock enterprises in strengthening rural livelihoods and highlighted poultry farming as a key driver for economic upliftment, particularly among rural youth.

Cyber Safety Sensitisation Program



National Service Scheme (NSS) Unit of the Directorate of Students' Welfare at the University, in collaboration with Act Humane Society organized the Cyber Safety Sensitization Program for faculty and students to promote awareness about the growing challenges of cyber-crime and digital security. Addressing the gathering, Dr. J.P.S. Gill, Vice-Chancellor emphasized that cyber safety has become the need of the hour in today's digital era. He observed that even highly educated individuals have fallen prey to cyber frauds, underlining the importance of awareness, vigilance and responsible online behaviour. Sh. Tarun Malhotra, Founder & CEO, Cyber Splunk & Cyber Academy delivered the talk on cyber awareness and digital confidence. Ms. Harleen Kaur, Founder, Act Humane Society also shared the vision and community welfare initiatives of the society aimed at creating a more compassionate and socially responsible environment.

Experiential Session on Work Happiness



The University organized a session on '**Work Happiness**' highlighting the importance of happiness in enhancing productivity, creativity and overall workplace well-being. Faculty, staff and students of the University participated in the session. Dr. Arun Bharadwaj, Chief Happiness Engineer and Excellence Mentor, delivered an experiential and interactive session encompassing activities and real-life reflections, enabling participants to internalize the concept of work happiness. He further highlighted how work happiness improves engagement, reduces stress, strengthens teamwork and contributes significantly to organizational excellence.

Farmer-Scientist Interactions with Goat Farmers



The University organized three 'Farmer-Scientist Interactions' with goat farmers at villages *Rayia* and *Jethuke* under the aegis of All India Coordinated Research Project on Goat Improvement (Beetal Field Unit) in collaboration with Indian Council of Agricultural Research and Central Institute for Research on Goats (Makhdoom). The expert(s) highlighted the importance of scientific goat rearing practices, focusing on improved breeding strategies, proper nutrition, animal welfare and stress management. Essential season specific inputs were distributed to farmer groups and clusters to strengthen collective efforts.

University Hosts Expert Sessions on Obesity and Stress Management



College of Animal Biotechnology organized an interactive expert session featuring distinguished healthcare professionals from R.G. Stone Urology & Laparoscopy Hospital, Ludhiana. Dr. Rohtash Luthra delivered a talk on '**Obesity: The Silent Epidemic in Young India**.' Dr. Prerna Goyal delivered a talk on '**Managing Your Mind: Turning Stress into Strength**.' Dr. J.P.S. Gill, Vice-Chancellor encouraged students to adopt healthy lifestyles, maintain a positive outlook and actively participate in such interactive sessions to develop holistic personality and become responsible professionals and leaders of society. Dr. R.S. Sethi, Dean encouraged the participants to internalize the key take-home messages from the expert talks and adopt practices that foster both physical and mental well-being.

KVK Booh Conducts Training-cum-Awareness Program for Input Dealers



Krishi Vigyan Kendra, Booh (Tarn Taran) organised a training-cum-awareness program for input dealers of Tarn Taran district under the aegis of '***Khet Bachao Abhiyan***' to strengthen their technical knowledge and for promoting the dissemination of scientific recommendations among farmers for the paddy season. Expert(s) delivered lectures on the balanced use of fertilizers in paddy, emphasizing the importance of soil test-based nutrient management, judicious application of nitrogen, phosphorus and potassium and the role of balanced fertilization in improving crop productivity, reducing cultivation costs and maintaining long-term soil health.

Awareness Camp on Balanced Use of Fertilizers

KVK, Booh (Tarn Taran) organized an awareness camp on the balanced and judicious use of fertilizers to educate farmers about the importance of soil health and role of balanced fertilization in improving crop productivity while minimizing environmental impact. The expert(s) emphasized the need to adopt soil testing-based fertilizer application rather than relying on excessive or imbalanced use of chemical inputs. The participants were also shown an educational video of ICAR showcasing balanced use of fertilizers. Dr R.S. Grewal, Director of Extension Education stressed that continuous farmer training and awareness programs are key to promoting sustainable agriculture in the region. Dr. J.P.S Gill, Vice-Chancellor noted that such awareness camps are crucial for ensuring food security and environmental conservation.

Training Program on Kharif Maize Cultivation and Balanced Fertilizer Use



KVK, Booh organized a training program for officers of the Department of Agriculture and Farmers Welfare, focusing on scientific cultivation of Kharif maize and balanced use of fertilizers. A total of 21 field functionaries attended the training aimed to strengthen their technical knowledge and advisory skills so that they can effectively guide farmers in adopting improved maize production technologies and nutrient management practices. Experts highlighted the importance of selecting suitable maize hybrids, timely sowing, integrated crop management, weed control and efficient water management for achieving higher productivity.

Students complete training and internship at TIF-AWaDH, IIT Ropar

The B.Tech. final year students of College of Animal Biotechnology completed a two-month training and internship at Technology Innovation Foundation - Agriculture and Water Technology Hub (TIF-AWaDH), IIT Ropar. The students had the opportunity to work at the Cyber-Physical Systems (CPS) Assembly Laboratory at said institution.

Awareness on Drug Abuse Prevention



Directorate of Students' Welfare organized a '**Drug Abuse Prevention Program**,' creating awareness among students about the harmful effects of substance abuse and promoting a healthy lifestyle. Eminent speakers, including social activists, police officials, media representatives and renowned Punjabi singer Inderjit Nikku, addressed the gathering and emphasized the psychological, social and legal consequences of drug addiction. The program encouraged students to adopt positive life style, support one another and contribute towards building a drug-free society.

Yoga Day and Cleanliness Drive



The National Service Scheme (NSS) wing of the University celebrated the Yoga Day and organized a Cleanliness Drive. The event aimed at promoting a healthy lifestyle through yoga and fostering social responsibility through environmental cleanliness. Mr. Ranjit Singh, Yoga Instructor from Himalayan Yoga Institute highlighted the significance of yoga in maintaining physical fitness, mental well-being and emotional balance. Dr. J.P.S. Gill, Vice-Chancellor, encouraged students to adopt yoga as a way of life and continue participating in community service initiatives for the betterment of society.