



University Performs its First Successful Online Hemodiafiltration



The University successfully performed its first Online Hemodiafiltration (OL-HDF) in a 9-year-old Labrador Retriever dog. The advanced renal replacement therapy was carried out by the University's Dialysis Unit, under the aegis of the ICAR funded Experiential Learning Project (ELP). 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.

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 NSI for developing paddy straw-based 'Smart Fodder.' The project 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 towards sustainable agriculture, environmental protection and livestock development. Dr. Jujhar Singh Sidhu, Principal Investigator, said that the project aims to convert paddy straw into nutritious and safe livestock feed using innovative scientific treatments, helping reduce agricultural waste, aflatoxin contamination and environmental pollution while promoting efficient and eco-friendly livestock farming.

Heritage Festival (Virasat Mela)

The University organized Heritage Festival (*Virasat Mela*), celebrating the rich cultural legacy of Punjab, and strengthened students' connection with Punjabi traditions and values. The event provided platform for the students and staff for showcasing 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 young 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 magazine 'Yuv Samvedna' were released in the function.



Festival started with cultural procession showcasing different traditional glimpses of Punjab. A series of competitions and exhibitions were 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 vibrant performances showcasing traditional folk art forms. Alongside the competitions, an exhibition of traditional household utensils and heritage items was also organised, 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. Participants expressed that the events were not only entertaining but also helped them understand and value their heritage. The heritage festival concluded with prize distribution to winners of various competitions, leaving behind a strong message of protecting Punjabi culture and traditions for future generations.



Biofloc Aquaculture Capacity Building



The College of Fisheries trained a group of 122 participants including 70 women in Biofloc based Aquaculture (BFAQ), apprising them with basics of Biofloc Aquaculture Technology and equipping with the required technical expertise for establishing indoor and outdoor biofloc aquaculture systems successfully. The programme promoted water-efficient fish production systems and entrepreneurship under the aegis of Capacity Building Resource Center (CBRC) for Intensive Aquaculture Technologies, established at the college under the Pradhan Mantri Matsya Sampada Yojana (PMMSY) of Department of Fisheries (DOF), Government of India. The participants were imparted knowledge to set up BFAQ units, select suitable species, produce and manage biofloc, configure biosecurity, operate machinery, test water quality, design feeding regimes, manage aquatic animal health and recycle waste. Dr. J.P.S. Gill, Vice-Chancellor lauded the conviction of stakeholders in the University and assured 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.

Training in Advanced Dairy Nutrition Technologies

Department of Animal Nutrition organized a five-day Hands-on Training Programme on 'Nutritional Technologies for Dairy Farmers.' A total of 24 participants got equipped with practical skills and scientific knowledge to enhance dairy animal productivity through improved nutritional practices. Expert(s) imparted knowledge on 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 programme 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. He urged farmers to view dairy farming not merely as a livelihood but as a scalable agribusiness model capable of ensuring sustainable income and generating rural employment.

Milk Awareness Camp

The College of Dairy and Food Science Technology organized a Milk Awareness Camp at Police DAV Public School, Ludhiana, sensitizing students about the nutritional importance of milk. Students were also briefed about undergraduate programmes in Dairy & Food Science Technology, 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.

Cyber Safety Sensitization Programme

The National Service Scheme (NSS) Unit of the Directorate of Students' Welfare at the University, in collaboration with Act Humane Society, organised Cyber Safety Sensitization Programme for faculty and students to promote awareness about the growing challenges of cybercrime and digital security. Addressing the gathering, Dr. J.P.S. Gill, Vice-Chancellor emphasized the significance of cyber safety and underscored it as the need of the hour in today's digital era. Sh. Tarun Malhotra, Founder & CEO, Cyber Splunk & Cyber Academy and Ms. Harleen Kaur, Founder, Act Humane Society delivered the expert talk(s).



Goat and Sheep Farming Training

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. R.S. Grewal, Director of Extension Education highlighted the importance of value addition in goat milk and meat, including goat cheese and other processed products as a means to enhance farmers' income and promote goat farming as a profitable enterprise.

Poultry Farming Training

The University organized a two-week Poultry Farming Training benefitting a total of 33 participants. The programme, 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.



Clinical Biosecurity Workshop

The Centre for One Health organized an interactive workshop on 'Clinical Biosecurity and Infection Prevention Practices in Veterinary Hospitals' for postgraduate students of the Departments of Veterinary Medicine, Veterinary Surgery and Radiology and Veterinary Gynaecology and Obstetrics. The workshop aimed to strengthen awareness regarding infection prevention and control practices in veterinary clinical settings and to promote a culture of responsible clinical biosecurity among future professionals.