



# e-Newsletter

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

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#### From the Desk of the Vice-Chancellor



The Guru Angad Dev Veterinary and Animal Sciences University is largely devoted to Veterinary Sciences, Dairy Sciences and Fisheries. Founded in 2005 the university has emerged as a leading centre of teaching and research. The faculty of the university have very high national and international profile and have been recipients of many national and international awards. The large campus is located on Ferozepur road Ludhiana with natural beauty. The University has over 200 faculty and over 1000 students. The University hosts large number of foreign scholars in the highly popular B.V.Sc. & A.H. programme. In

recent years the University has built up a reputation of high quality of academic training. The major buildings of university are connected with 1 Gbps NKN connectivity and Wi-fi in hostels. The fully computerized Library gives access to huge number of journals and e-books. Since its inception the University has become research-led university, known for the excellence in teaching, research and its services to livestock farmers. The major challenge is to generate new ideas that will benefit farmer's society, and solve their problems. To meet these challenges the University has established linkages with large number of institutions like University of Saskatchewan, Saskatoon, Canada and University of Sydney, Australia. The university has introduced undergraduate teaching in School of Animal Biotechnology to meet the new challenges. The University designed experiential learning process focuses on all round student development and imparts high quality education to the students. The university is playing major role in enhancement of livestock production by organizing seminars, training programmes and providing advisory services.

My mission is to develop young leaders who can provide insight direction to organization and thus creating a trained human resource. This country is passing through a phase of economic growth of farmers and growth is possible when scientists work with complete harmony with Mother Earth. I believe success of university will be measured by the number of students we educate and quality of education we provide.

I feel pleased to release the e-Newsletter of the University for making readers aware about the academic, research and extension activities and achievements of the university.

(A. S. Nanda)  
Vice-Chancellor

### His Excellency the Governor of Punjab Inaugurated the Pashu Palan Mela

GADVASU, Ludhiana organized its 24<sup>th</sup> Pashu Palan Mela on 23-24 March, 2018 under the theme slogan “Vigyanak Nukte Nasal Sudhar, Dugni Aamdand Laye Bahar”. His Excellency, the Governor of Punjab, Sh. V.P. Singh Badnore, inaugurated the Pashu Palan Mela. Dr. A. S. Nanda, Vice-Chancellor, GADVASU welcomed the Chief Guest and appraised him about the efforts being made by the university for livestock development. The honorable Governor applauded the efforts of the university for boosting up the livestock health and productivity. Seven progressive farmers from different livestock fields were honoured with Chief Minister’s Award. Sh. Vishavjit Khanna, IAS, Additional Chief Secretary (Development) and other dignitaries also graced the occasion.

The two days event provided a platform for farmers, scientists, extension workers, dairy officers, fodder & fisheries officers, various veterinary pharmaceuticals & agribusiness firms and banking sector for sharing their experience and information about the latest knowledge, technologies and schemes which has come up in the livestock sector.

The excellent gemplasm of the University such as cows, buffaloes, goats, pigs, poultry, emu, quails and fish were demonstrated to the livestock farmers. A large number of farmers showed interest in taking up goat, pig and fish farming and especially enquired about their training programmes. Different departments of the University provided useful literature to the farmers. The interactive session on livestock rearing in the

scientific way was the special feature at Mela. It featured live lectures from experts & question-answer session. An earnest endeavour by College of Fisheries was the stall demonstrating various fish varieties including carps, pangas catfish, murels, ornamental fish, azolla, duckweed cultivation & information on inte-

gration of fish farming with other livestock farming. Value added products of the College of Dairy Science and Technology, College of Fisheries and Department of Livestock Products Technology were available for sale.

Different Self-Help Groups trained by the university exhibited their products and put them for sale. This evoked excellent response among the aspiring farmers and visiting rural youth. The Mela allured thousands of farmers from all the nook and corner of Punjab along with farmers from neighbouring states.



His Excellency the Governor of Punjab Sh. V.P. Singh Badnore Inaugurating the Pashu Palan Mela accompanied by Dr. Amarjit Singh Nanda, Vice-Chancellor, GADVASU



His Excellency, the Governor of Punjab visiting Mela accompanied by Dr. A.S. Nanda, Vice-Chancellor, GADVASU



Honorable Governor of Punjab showing love and affection for animals



The livestock farmers of Punjab showing interest in high yielding breeds developed by the university

## Glimpses of Annual Athletic Meet

GADVASU held its 12<sup>th</sup> Annual Athletic meet on 22<sup>nd</sup> February, 2018. Besides students of all three constituent colleges of the university, i.e. College of Veterinary Science, College of Dairy Science & Technology and College of Fisheries and School of Animal Biotechnology, the students of Veterinary Polytechnic, Kaljharani (Bathinda) and affiliated Colleges of university i.e Khalsa College of Veterinary and Animal Sciences, Amritsar and Baba Hira Dass Ji College of Veterinary Pharmacy actively participated in different activities in athletic meet. Dr. Amarjit Singh Nanda, Vice-Chancellor, GADVASU inaugurated the meet. After unfurling the flag, in inaugural address, Dr Nanda informed that GADVASU always promote the spirit of games amongst students to keep them healthy and in high spirit. Senior retiree alumni members of the university also attended the meet with great charm and happiness. The sports torch was lighted by senior athletes of the university. The meet started with the oath taking ceremony by Arshdeep Singh Kailey renowned athlete of the university. After inauguration, athlete march was performed.

Arshdeep Singh Kailey (boys) and Guneet Chahal (girls) were declared best athletes. Overall trophy was won by the College of Veterinary Science. Runners up Trophy was won by Khalsa College of Veterinary & Animal Sciences, Amritsar. Sh. Pradeep Kumar Aggarwal, Deputy Commissioner of Ludhiana was Chief Guest at the prize distribution function. In his address, Sh. Aggarwal said that sports improve the health and confidence of students and promote good habits and inculcate better values in a person. He distributed prizes to the winners and encouraged them to work hard to excel in their respective fields.



Students in action at athletic meet

Olympian Hockey Player, S. Gagan Ajeet Singh, Deputy Commissioner of Police, Ludhiana was the guest of honour at athletic meet of the university.



The Vice-Chancellor of university Dr. A.S. Nanda inaugurating the Athletic Meet

Dr. A.S. Nanda appreciated the efforts of various committee members' in conducting meet successfully and applauded the participants. About 225 students participated in the meet. Dr. Satyavan Rampal, Director Students' Welfare shared the annual sports report of the university. Dr. Parkash Singh Brar, Dean, College of Veterinary Science extended thanks to

the whole family of GADVASU and congratulated the winners. On this occasion the faculty members, staff members and students of GADVASU were there to buck up the athletes. Faculty and employees of Punjab Agricultural University also attended the event to encourage the students. University Colour was also awarded to best students in different sports fields.

## University Awards Function

To acknowledge the academic achievements of students and teachers, GADVASU organized an impressive Annual Awards Function. This innovative initiative was brain child of the Vice-Chancellor, Dr. A S Nanda. Teachers and Scientists who earned prestigious research projects and developed different technologies were awarded with appreciation certificates and mementoes. Members of the Board of Management of GADVASU, senior officials of Animal Husbandry Department, Punjab, retirees of university, officers, faculty members and a large number of students and their parents attended the function.



The following faculty members were awarded:

### Teaching Awards

Dr Suresh Kumar Sharma, Dr Swaran Singh Randhawa, Dr Nitin Mehta, Dr Charanjit Singh Randhawa, Dr S Siva Kumar and Dr Vaneet Inder Kaur

### Research Awards

Dr Jasbir Singh Bedi, Dr Harsh Panwar and Dr Anuj Tyagi

### Extension Awards

Dr Jaswinder Singh, Dr Inderpreet Kaur, Dr Vaneet Inder Kaur and Dr Prahalad Singh Tanwar

### ICAR Best Teacher Awards

Dr Shashi Kant Mahajan, Dr Naresh Kumar Sood and Dr Jitender Mohindroo



## Extra-Curricular Activities

### World Water Day Celebration

KVK, S.A.S. Nagar (Mohali) celebrated World Water Day on 22<sup>nd</sup> March, 2018 at Government Middle School, village Fatehgarh and Shahpur, Mohali. Dr. Yashwant Singh, Deputy Director, KVK highlighted the importance of water in our day to day life and stressed on fresh water conservation. He further stressed upon the strategies to be adopted by people to reduce, reuse and recycle the water. Students of school showed a keen interest towards water saving methods and ensured the KVK staff to save and use water judiciously in the future.

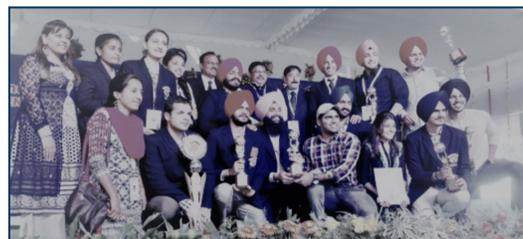
### University Cadet Bring Laurels at National Level

Vikas Garg, a B.V.Sc.&A.H. student of 3<sup>rd</sup> year of College of Veterinary Science, GADVASU, Ludhiana won the Gold Medal in Tent Pegging Competition at Republic Day camp which was held at New Delhi. Vikas, a cadet of 1 Pb. R&V SQN NCC, GADVASU at the camp competed with the riders of 17 other directorates from all over India.



### Youth Festival

GADVASU, Ludhiana won the Overall Championship Runner up Trophy in the 18<sup>th</sup> Inter-Agricultural Universities Youth Festival 2017-2018. The competitions were held at Sri Venkateshwara Veterinary University, Tirupati, Andhra Pradesh. The students of GADVASU achieved Runner Up Trophy by competing with 1300 participants from 51 Universities of the country.



### KVK recognized under "Swachh Bharat Mission"

KVK, Booh (Tam Taran), operational under GADVASU, Ludhiana was awarded at National level under Swachh Bharat Mission by the Union Cabinet Minister of Agriculture and Farmers Welfare. The award was conferred on 8<sup>th</sup> March at the Annual Conference of Vice-Chancellors of Agricultural Universities and Directors of ICAR Institutes at New Delhi. Out of 680 KVKs operational in India, KVK Tam Taran got 3<sup>rd</sup> prize as "Swachhta Award".

### RPL Project on Skill Registry

GADVASU became the only University among all state Agricultural & Veterinary Universities of the country to get the prestigious project, "Recognition of Prior Learning" on Skill Registry for Dairy Farmers. The project has been got from the National Skill Development Corporation through Agriculture Skill Council of India under Pradhan Mantri Kaushal Vikas Yojana, which is the flagship scheme of the Ministry of Skill Development & Entrepreneurship, Government of India.



Total cost of the Project is 51.08 lacs. Under this Project, 2000 Dairy Farmers of the Punjab with prior learning experience or skills shall be assessed and certified under the Recognition of Prior Learning component of the Scheme, which aims to align the competencies of the unemployed rural youth towards Scientific Dairy Farming Practices & Dairy entrepreneurship. The project will be implemented under supervision of Dr. H. K. Verma, Director Extension Education, GADVASU, Ludhiana.

### Lecture on Cataract and Corneal Surgery

The department of Veterinary Surgery & Radiology of GADVASU in collaboration with Christian Medical College & Hospital (CMC&H) organized a 7 days workshop on ophthalmic surgical techniques in dogs. Dr. Gurvinder Kaur, Professor, Department of Ophthalmology, CMC & H was invited as guest faculty to deliver lectures and hands on training in the field of Cataract and Corneal Surgery. Twelve faculty members and 20 post graduate students of department were imparted training.

### Prime Ministers Speech to Farmers

GADVASU organized Farmers-Scientists interface under Farmer FIRST project. The farmers watched the live web-telecast of speech by Sh. Narendra Modi, Prime Minister of India from Krishi Unnati Mela, New Delhi. About 250 farmers related with Farmer FIRST Project watched the live programme of Krishi Unnati Mela at Silver Jubille Block Auditorium of the university. In his address the Prime Minister shared different schemes of government for the benefits of the farmers.

### International Delegations Visits

- A delegation from University of Tasmania (UoT), Australia & Australia Education & Career Consultants (AECC) visited the College of Fisheries, GADVASU, Ludhiana to have an interactive meet with the B.F.Sc final year students regarding career opportunities in fisheries at UoT.



- A delegation from the University of Guelph, Canada visited GADVASU, Ludhiana for exploring the areas of research collaboration between the two universities. The delegation comprised of Dr. Jeffrey Wichtel, Dean, Ontario Veterinary College, Canada, expert of Public Health Dr. Maureen Wichtel, and expert of reproduction science Dr. Pavneesh Madan. The visiting team showed keen interest in the research & academic activities of the university and lauded the efforts put by the university.
- A delegation from Denmark comprising of Mr. Brian Bodholdt, Director, Go2Know International, and Ms. Ishita Sharma, World Bank funded Researcher, Aalborg University visited GADVASU to explore the possibilities for tie-ups between Indian and Danish Universities working in the field of Dairying and Agricultural Sciences.

### Life Skill Personality Development Workshop

The Department of Veterinary Physiology & Biochemistry, College of Veterinary Science, GADVASU organized a three days' workshop on "Importance of Life Skills for Personality Development of Students" for the 1<sup>st</sup> year Students. The workshop was organized to help students in dealing with the challenges of personal and professional life more efficiently and effectively.



### Republic Day Celebrations

GADVASU celebrated the 69<sup>th</sup> Republic Day of India. Remembering Dr. B. R. Ambedkar & Martyrs of freedom struggle, Dr. Amarjit Singh Nanda, Vice-Chancellor, GADVASU congratulated the faculty, staff and students on this occasion. The Vice-Chancellor unfurled the National Flag and highlighted the importance and spirit of the Indian Constitution for the development and prosperity of people. R&V Squadron NCC cadets of the university presented the guard of Honour.



Dr. Nanda shared the details of different programmes/ activities of the university. Emphasizing the importance of animal sector, he said that India is the highest producer of milk in the world and stressed on addressing the environment related issues with respect to animals. Dr. Nanda said that students of veterinary science should be ready to address the problems of animals. The Vice-Chancellor shared that GADVASU is among the top veterinary universities of India. He informed that the university is working on more than 100 research projects. Dr. Nanda proudly said that the university has three Centres of Advanced Faculty Training (CAFT) which is a matter of great honour for the institution. Different employees and students were honoured for their achievements.

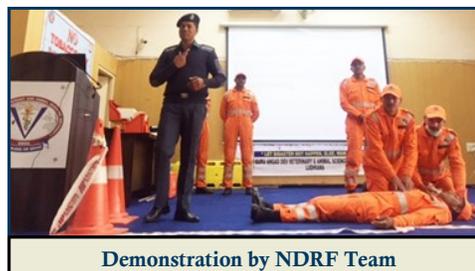


Dr. A. S. Nanda, Vice-Chancellor, GADVASU addressing the faculty, staff and students on Republic Day

Students and staff members participated in the function with great enthusiasm and sense of pride. Dr. A. S. Nanda congratulated all faculty members, students and non-teaching staff members for their participation.

### NSS Special Winter camp

More than 125 volunteers of the National Service Scheme (NSS) learnt the intricacies of Disaster Management besides developing capacity to meet emergencies and natural disasters during a week-long NSS Special Winter camp at GADVASU campus. It was a 'learning through practice' experience for them. The camp was inaugurated by Presidents' Medal recipient, Asstt. Commandant Mr. Suresh Yadav from National Disaster Response Force (NDRF), Laddowal. The camp had a squad of 20 members of NDRF team playing 'trainers' and over 125 students from College of Fisheries, College of Dairy Science and Technology and School of Animal Biotechnology getting hands-on exposure. The camp was themed around "Let the disaster not happen; else if occurs, manage it". Asstt. Commandant Suresh Yadav delivered a lecture on capacity building and demonstrated how the Disaster management team members should act wisely during any natural or manmade disasters. Using the live demonstration techniques backed by audio visual presentations, Inspector Ram Lal Haran, Incharge, NDRF team explained the basic concept of providing first aid.



Demonstration by NDRF Team

The students learnt and themselves performed various tasks to help people during natural disasters and avoid casualties. With Ludhiana falling in the high-risk seismic zone the organization of this camp assumed paramount importance.

Dr. Satyavan Rampal, DSW-cum-EO emphasized on the selfless service for the nation especially at the time of any calamity.



Participants of NSS Camp with NDRF Team

### Fellow of Society

- Dr. Satyavan Rampal, DSW-cum-EO & Dr. Suresh Kumar Sharma, Professor, Department of Veterinary Pharmacology & Toxicology, GADVASU have been conferred Fellow of Indian Society of Veterinary Pharmacology and Toxicology. The honour was conferred by the Governor of Haryana, Professor Kaptan Singh Solanki for their contribution in the field of Veterinary Pharmacology & Toxicology at 17<sup>th</sup> Annual Conference of Indian Society of Veterinary Pharmacology & Toxicology and National Symposium on 'Combating Antimicrobial Resistance' held at Lala Lajpat Rai University of Veterinary & Animal Sciences, Hisar.

### Best Paper Award

- Dr Simrinder Singh Sodhi, Assistant Professor, School of Animal Biotechnology, GADVASU has been conferred with the "Best Research Paper" award in the technical session on "Improvement of Animal Resources for Enhancing Livestock Productivity" in the National symposium on "Sustainable management of Livestock and Poultry diversity for enhancing the farmers' income" held at Rajasthan University of Veterinary & Animal Sciences, Bikaner.

### Dean, Postgraduate Studies Retires

Dr Simrat Sagar Singh, Dean, Postgraduate Studies, GADVASU retired from university after attaining the age of superannuation. Dr. Singh, who is Ph.D. from University of Liverpool (UK) under a Commonwealth scholarship served PAU and GADVASU for 34 years in various capacities.



Dr. A. S. Nanda, Vice-Chancellor, GADVASU felicitating Dr. Simrat Sagar Singh

The Vice-Chancellor Dr. A.S. Nanda, Officers of the University, faculty members, and non-teaching staff extended their warm wishes to Dr. Simrat Sagar Singh on the occasion of farewell function organized in his honour.

## Trainings

### Pig Farming Training

- A week long training programme was organized on Pig farming for livestock entrepreneurs of Punjab and other states from 15-19 January 2018. It was aimed to give much needed impetus to diversification. Total 60 trainees including 3 female participants attended the highly specialized programme organized by the Directorate of Extension Education, GADVASU, Ludhiana. The university experts apprised the farmers of various theoretical and practical aspects of pig farming.



### Training on Value Addition of Milk

- The technically designed training Programme on "Value Addition of Milk" was conducted at College of Dairy Science & Technology, GADVASU, Ludhiana. Total 14 trainees including 3 female participants attended the training. Farmers were provided practical training for preparing milk products viz. milk cake, paneer, whey drink, dahi, lassi, mozzarella cheese and sterilized flavoured milk to make value addition to milk to enhance their economic well-being.

### Workshop on Breakthrough Technologies in Livestock

- Directorate of Extension Education, GADVASU organized one day workshop-cum-training programme on "Breakthrough Technologies in Livestock Sector" for the scientists of Krishi Vigyan Kendra's (KVKs) as well as University who are regularly engaged in various extension activities. This training programme was attended by 39 scientists .

### Training on Radiography and Ultrasonography

- A five days training programme on “Small Animal Radiography & Ultrasonography” was organized by the Department of Veterinary Surgery & Radiology, GADVASU, Ludhiana. Fifteen field veterinary practitioners /surgeons from 6 states including Himachal Pradesh, Haryana, Rajasthan, Delhi, Madhya Pradesh and Punjab participated in the training programme conducted under the aegis of All India Network Programme on “Diagnostic Imaging and Management of Surgical Conditions in Animals (AINP-DIMSCA)”.



Inauguration of the training programme



Practical session during training programme

The participants were given hands on training in radiographic interpretation and ultrasound examination of abdomen in small animals. Advanced procedures like echocardiography and thoracic ultrasonography were also practiced by the participants.

### Vocational Trainings

- The Krishi Vigyan Kendra, S.A.S. Nagar (Mohali) of GADVASU, Ludhiana organized one week vocational training on “Entrepreneurship development through promotion of agri-allied activities” under ICAR and RKVY schemes at village Shahpur. Thirty seven farmers participated in the programme.
- Krishi Vigyan Kendra, Handiaya (Barnala) of GADVASU, Ludhiana organized one week vocational training programme on “Scientific pig farming for self employment”. A total 74 farmers, rural youth and farm women from five districts of Punjab participated in this training programme.

### Training on Advanced Surgical Skills

- GADVASU, Ludhiana created a platform together with Small Animal Clinician’s Association (SACA), Chandigarh for “Hands on training in advanced surgical skills in animals”. The Department of Surgery and Radiology, GADVASU, hosted the international training. Renowned small animal surgeons Dr. Bryden Stanley and Dr. Simon Petersen-Jones from College of Veterinary Medicine, Michigan State University gave live demonstrations and hands on training to the participants on certain advanced procedures like Total Ear Canal Ablation, Perineal Hernia Repair and Reconstructive Surgery. A separate session dedicated to phacoemulsification and intraocular lens implantation for surgical management of cataract in dog patients was also organized. The training was attended by 70 practicing veterinarians from all over the country.



### Training on Hygienic Meat Production

- A five day training programme on Hygienic Meat Production and By-products utilization was organized by the Department of Livestock Products Technology, GADVASU, Ludhiana from March 5-9, 2018. It was a hands-on-training programme on humane slaughtering and dressing methods of different food animals (sheep/goat/pigs/poultry) along with details about Do’s and Don’ts of meat handling, personal hygiene, disposal and utilization of byproducts.



Total 27 participants from Ludhiana Municipal Corporation and meat shop owners from the city attended the training programme. The participants were provided with “Hygiene kit” which included Gum shoes, Stainless Steel meat cutting knife, apron, gloves, mouth & head gear etc.