



# GADVASU

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Newsletter

Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana (Pb.)

[www.gadvasu.in](http://www.gadvasu.in)

## From the Vice-Chancellor's Desk

Dear Readers,

GADVASU today with faculties of Veterinary, Dairy and fishery sciences and regional stations is well equipped to support growing livestock and fishery sector with higher focus on enhancing productivity, adding value to the produce and improving economics. Providing improved skills and technologies to the farmers and entrepreneurs is our priority. In order to further support the research and academics, a new building for College of Dairy Science and Technology is under construction while that for Veterinary Hospital and College of Fisheries would get started in the next quarter. A modern girls' hostel with a capacity to accommodate 250 students is under construction and is likely to be completed soon.

Developing human resource and achieving excellence in academics continues to be our endeavour. ICAR granted accreditation to the university for a period of 5 years. I am happy to share with you that four scientists were deputed for 4-6 months advance training abroad. Five Head of Departments and 16 Assistant



Professors were appointed in different colleges. Eight Doctorate students have been awarded DST funded INSPIRE fellowship. Ten graduates from Fisheries and Dairy Science qualified ICAR Entrance Examination for admission to PG program. The corpus fund created for Human Resource Development today is Rs 112.53 lakh ; 81.43 lakh from NRI alumni and 31.10 lakh from faculty. We have a target to increase the corpus fund to Rs 500 lakh.

The university received successful approval for a South African patent on Diagnosis of infectious disease (Brucellosis). Besides this, around 15 extramural research projects and a FIST program from various funding agencies was bagged by the university in the year 2013. Edible and biodegradable protein films for packaging and extending shelf life of milk and meat products using wastes from dairy, meat and fish industry have been developed. Herbal teat dip

for prevention of bovine mastitis and herbal ointment for wound management in animals have been tested successfully. Various animal husbandry and agriculture interventions under NAIP in Talwara, Hoshiarpur, a backward District in Punjab, led to increase in annual family income from Rs. 12,000/- to Rs. 25,000/-. Brackish water shrimp 'Vannamei' (a variety of shell fish) were reared successfully for the first time in inland salt affected water-logged waste lands.

The University released its 'Vision Document-2030'. The document has both a short and long term action plan with focus on generating technologies and practices for improving livestock productivity with efficiency and better economics through structured and meaningful programs. The University is committed to achieve its targeted goals.

(Vijay Kumar Taneja)  
Vice-Chancellor

## insight

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### Vision 2030 - The roadmap to Prosperity

The Vision Document - 2030 of Guru Angad Dev Veterinary & Animal Sciences University was released by Dr. V.K. Taneja, Vice Chancellor, GADVASU on April 21, 2014. Dr. Taneja, informed that the university in a short period of its existence has made remarkable growth and development in academics wherein five new Colleges/Schools/Polytechnics viz. College of Fisheries, College of Dairy Science and Technology, School of Animal Biotechnology, School of Public Health and Zoonoses, and a Veterinary Polytechnic have been established. In addition, three Krishi Vigyan Kendra's and three Regional Research Centers have also been added. Vision document envisages initiating new academic programs in wildlife, distance education and livestock business management. Developing human resource through international training of faculty/students in laboratories of excellence forms priority. Strategies to increase productivity through newer technological interventions have been discussed. The Document reflects the vision of a vibrant institution committed to accomplish goals in mandated areas of teaching, research, extension education and technology transfer to meet the expectations of livestock farmers. All Deans, Directors and Officers of the university also graced the occasion.



### Workshop

Fourteen animal scientists attended a one day Workshop on Farm Trials and Frontline Demonstrations (OFTs and FLDs) for subject Matter Specialists of Animal Science at GADVASU on April 11, 2014 under the aegis of Zonal Project Directorate Zone-I, ICAR, PAU Campus. The Workshop was inaugurated by Dr. V.K. Taneja, Vice-Chancellor, GADVASU, Ludhiana. While inaugurating the Workshop, Dr. Taneja stated that Animal Science is an important component in the Krishi Vigyan Kendras (KVKs), especially keeping in view the diversification of agriculture in the state of Punjab. The technologies developed by GADVASU in livestock, poultry, fisheries and value addition of livestock products needs to be disseminated to the farmers for their effective utilization, thus increasing the productivity of animals and subsequently augmenting the income of the farmers. Dr Taneja also emphasized that the KVKs of PAU and GADVASU should work in unison for the betterment of the farming community. Dr S. Prabhu Kumar, Zonal Project Director, Zone-1, PAU Campus, Ludhiana stated that it is for first time that such workshop is separately being conducted for each discipline of KVK and he explained that the role of the animal scientists in KVKs is increasing day by day in the present set-up.





### Inauguration

Hon'ble Chief Minister of Punjab inaugurated the newly constructed buildings of Kisan Hostel and Scientist Home on February 1, 2014. A number of dignitaries including the Vice-Chancellor of Punjab Agricultural University were present on the occasion. Chief Minister appreciated the good work of GADVASU scientists and highlighted the importance of livestock sectors in the State of Punjab.



### Convocation



College of Veterinary Science, Guru Angad Dev Veterinary and Animal Sciences University held its 13<sup>th</sup> Convocation and Prize Distribution function on June 5, 2014. A total of 111 students were conferred B.V.Sc. & A.H. degrees. Three gold medals and merit certificate were awarded to the meritorious students for their performance. Money vouchers were presented to students excelling in studies in different years of the degree program to purchase text books. Dr. K.M.L. Pathak, DDG, Animal Sciences, Indian Council of Agricultural Research (ICAR) while delivering his convocation address emphasized on producing more human resources in veterinary sciences.



### Distinctions

Vet Varsity Professor, Dr. Amarjit Singh Nanda, is appointed Vice-Chancellor of the Nana Deshmukh University of Veterinary and Animal Sciences, Jabalpur (M.P). Dr Nanda was a Professor at Department of Veterinary Gynaecology and Obstetrics in GADVASU. He was also the founder Director of Research of GADVASU, Ludhiana. He served as the Animal Husbandry Commissioner, Govt. of India from year 2010 to 2013.



### Students' Academic excellence

Three B. Tech (Dairy Technology) final year students of College of Dairy Science & Technology of Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana qualified the All India Entrance Examination for Master's Programme in Agriculture and Allied Subjects (AIEEA- PG) conducted by ICAR, New Delhi. Mr. Rakesh got the first ranking in AIEEA-PG Examination, 2014, whereas other two students secured 6<sup>th</sup> and 12<sup>th</sup> ranks. The examination was for admission to Masters Programme and also for the award of Junior Research Fellowships.



### Retirement

Dr. R.S Sahota retired as Director of Extension Education after attaining the age of superannuation. He joined government job as Assistant Extension specialist, PAU at Gurdaspur in 1983. He was HOD of Veterinary Animal Husbandry Extension Education department from 2004 to 2008. He has contributed 25 research papers, 500 extension articles and more than 70 Radio & TV interviews.



## TRAININGS

- **Seminar for Veterinary Officers:** GADVASU organized a seminar on “Control of Parasitic Diseases and Judicious Use of Anthelmintics” for the veterinary officers on March 12, 2014. Dr. P D Juyal, Registrar, GADVASU inaugurated the seminar. The seminar was organized by the Department of Animal Husbandry and Veterinary Extension Education in collaboration with Department of Veterinary Parasitology, GADVASU, Ludhiana. A total of eighty delegates including Deputy Directors, Senior Veterinary Officers and Veterinary Officers from Punjab State Animal Husbandry Department attended the seminar.



- **Pig farming training at GADVASU:** A five day Pig farming training for the farmers of Punjab and neighbouring states was held in university from February 3-7, 2014. About 76 farmers participated in this training course. The farmers were instructed to construct cheap but comfortable sheds for their pigs which help them in better hygienic conditions and excellent management. The first aid methods for various ailments were taught and practical demonstrations were held.



- **Pig farming training at Vet Varsity:** Department of Veterinary and Animal Husbandry Extension Education organized another five-day Pig Farming training for the farmers of Punjab and neighboring States from June 2-6, 2014. About 54 farmers and farm women participated in this training course. The farmers were guided to make economical feed, as the major expenditure is on the ration. Role of regular vaccination, deworming and hygiene in prevention of diseases was stressed. Tips for timely detection of heat and care of pregnant and new born animals were emphasized.



- **Dairy farming training at GADVASU:** Two weeks dairy farming training for the farmers of Punjab and neighboring States was held in the Department of Veterinary

and Animal Husbandry Extension Education, Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana in which 55 farmers from Punjab and neighboring States were enrolled. Dr. M P Gupta, course coordinator of the training welcomed all the farmers and discussed in detail the importance of dairy farming. He informed that farmers are showing great interest in learning new technicalities of dairy farming.



- Dr. A.L.Saini, HOD, Department of Livestock Production and Management stressed upon the management of livestock during summer for better production and health. He advised the farmers that animals must be protected from scorching heat by providing proper shelter and housing management with water application, changes in feeding regime, preventive health management, etc. Besides other management procedures and remedial and protective measures to prevent animals from summer stress and diseases were advocated.



- Reap maximum benefit from fish farming in the summer season are the views expressed by Dr. Meera D. Ansal, College of Fisheries, Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana. She emphasized in a training course the importance to provide sufficient comfortable zone to the fish below the surface layer, which gets heated up far beyond optimum temperature range (28-32°C). Other managerial procedures like taking care of the water quality, pH of water were highlighted. Dr. Meera said that for disease management the golden rule is 'Prevention is better than cure'. The farmers were recommended prophylactic measures with either lime, Potassium Permanganate or CIFAX.



### Entrance Test

GADVASU held CET-2014 on June 19, 2014 for admission to Bachelor of Veterinary Science & Animal Husbandry, Bachelor of Fisheries Science and Bachelor of Technology (Dairy Science & Technology) programmes. A total of 2456 candidates appeared for the 62 seats of B.V.Sc. & A.H, 20 of B.F.Sc and 27 of B.Tech. (Dairy Sc. Technology).



## CELEBRATIONS

**Republic day:** GADVASU celebrated the 65<sup>th</sup> Republic Day on January 26, 2014 with full zeal in the university premises. Dr. V.K. Taneja, VC, GADVASU unfurled the National Flag and highlighted the importance and spirit of the Indian Constitution for the development and prosperity of people. He described the present achievements and future vision of the university on Republic Day. While remembering Dr. B. R. Ambedkar & Martyrs of freedom struggle, Dr. Taneja, appealed to the students to follow the footsteps of our great leaders. The R&V Sqn. NCC cadets of GADVASU presented the Guard of Honour.



**Foundation Day:** The University celebrated its 6<sup>th</sup> Foundation day on April 21, 2014. On this occasion, Dr. V.K. Taneja inaugurated the free anti rabies vaccination and deworming camp for pets at the Small Animal Clinics. More than 100 dogs were vaccinated against rabies free of cost.



**New obstetric section:** Dr. V.K. Taneja, Vice-chancellor inaugurated a newly built obstetrics section at the Primary Unit of Veterinary Clinics. On the occasion, the VC said that the



functioning of this obstetric section with latest facilities will definitely enhance the survival rate of the animals after parturition. It will improve the production and reproduction of the dairy animals thus improving the financial condition of the dairy farmer.

**World Veterinary Day:** The College of Veterinary Science, GADVASU celebrated the World Veterinary Day on April 26, 2014. On this occasion, Dr. V. K. Taneja, Vice-Chancellor congratulated all veterinarians and inaugurated the free anti-rabies and deworming camp. Speaking at the function, Dr. Taneja highlighted the role of veterinarians in animal welfare and encouraged the veterinarians, teachers and students to work hard to mitigate the suffering of animals.



**Parkash Purb of Guru Angad Dev Ji :** Guru Angad Dev Veterinary & Animal Sciences University celebrated the Prakash Purb of Guru Angad Dev Ji on April 21, 2014. On the occasion, Bhog of Sri Akhand Path of Shri Guru Granth Sahib Ji was solemnized by devotees and a Community langar was served after the bhog. It is pertinent to mention that the veterinary university was established in year 2006 on the name of second Guru, Guru Angad Dev Ji.

### National Service Scheme

As many as 130 NSS volunteers of GADVASU provided warm hospitality to the Contingent from different States. More than 5000 students participated during 18th National Youth Festival-2014 held at PAU campus, Ludhiana.

- 115 NSS volunteers/NCC cadets/students of GADVASU held Launching ceremony of National Youth Policy-2014 (NYP-2014) and Rajiv Gandhi Khel Abhiyan (RGKA) on February 24, 2014.
- NSS Volunteers of Vet Varsity planted and irrigated various plants and plants saplings in connection with World Earth Day on May 7, 2014. NSS volunteers irrigated more than 2000 plants covering shaded trees, herbs, shrubs, medicinal, fruiting and flowering plants in the campus and planted 100 saplings by adopting slogan "Clean Ludhiana, Green Ludhiana" on the occasion of World Earth Day



### Sports Meet of non-teaching staff

- Dr. P.D. Juyal, Registrar, Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana inaugurated the second Sports Meet of non-teaching employees of varsity on March 11, 2014. Various sports events were organized on the occasion.
- Recipients of different sports prizes in sports festival of non-teaching employees of Guru Angad Dev Veterinary & Animal Sciences University were awarded in a specially organized function on May 8, 2014. Dr. V.K. Taneja, Vice chancellor presided over the function and gave away the prizes. Dr. P.D. Juyal, Registrar and Dr. S.P.S. Sangha, Director Students' Welfare-cum-EO also graced the occasion.



### DMCH and University join hands

Guru Angad Dev Veterinary and Animal Sciences University (GADVASU) has undertaken a MoU with Dayanand Medical College & Hospital (DMC), Ludhiana on May 15, 2014 to address zoonotic and environmental concerns. Dr. V K Taneja stated that “One Health” solutions to combat current and emerging diseases, which are a threat to population, animal and environment, is picking up momentum and is the best option as many infectious diseases are of animal origin and zoonotic.



### Students' Achievements in cultural activities

GADVASU students participated in 14<sup>th</sup> All India Inter Agricultural Universities Youth Festival being held at GKVK, Bangalore from February 13-17, 2014. GADVASU students won Theatre Trophy and grabbed following positions.

One Act Play	1 <sup>st</sup> position (9 prizes)
Theatre Mime	2 <sup>nd</sup> position (6 prizes)
Fine Arts Events	3 <sup>rd</sup> position (1 prize)
Cartoon Making	4 <sup>th</sup> position (1 prize)

GADVASU contingent participated in 19<sup>th</sup> All India Inter University Youth Festival REVERIE '14 held at National Dairy Research Institute, Karnal, Haryana from April 24-26, 2014 brought many laurels.

Bhangra	1 <sup>st</sup> position (8 prizes)
Choreography	1 <sup>st</sup> position (10 prizes)
Mimicry	1 <sup>st</sup> position (1 prize)
On the Spot Painting	1 <sup>st</sup> position (1 prize)
Poster Making	1 <sup>st</sup> position (1 prize)
Non Classical Song	1 <sup>st</sup> position (1 prize)
Hotch-Potch	2 <sup>nd</sup> position (4 prizes)
Duet Song Dance	2 <sup>nd</sup> position (2 prizes)

### Recognising farmer contribution

Dr. V.K. Taneja Vice Chancellor of GADVASU conferred the Chief Minister's award to three progressive livestock farmers at Pashu Palan Mela held on March 14-15, 2014.



In order to motivate various categories of livestock farmers for improving productivity of dairy, fishery, goat, piggery and poultry farming in the State, the university organizes innovative competitions by assessing the extent and impact of adoption of these technologies in improving the productivity and profitability of different livestock farming systems. Sh. Harpreet Singh S/o S. Balwinder Singh, V.P.O. Noorpur Hakima, Distt. Moga, won the award for the Dairy sector. In Piggery category, Sh. Dalwinder Singh S/o S. Sahib Singh, Vill. Kishanpura, Distt. Roop Nagar bagged the award. The University awarded Rs. 21,000/- for cow farmers, Rs. 11000/- to fish farmer and an award of Rs. 5,100/- to pig farmer. All these awards carry plaque, shawl and a citation along with cash.



### Book Exhibition

The 7<sup>th</sup> Book Exhibition was organized in the premises of the university from February 5-6, 2014. Dr. V.K. Taneja, Vice-Chancellor inaugurated the book exhibition and advised the University staff and students to utilize this opportunity to take full advantage of this book exhibition and procure maximum numbers of good literature. He visited various stalls and showed keen interest in the latest editions of books on Veterinary Science, Animal Breeding, Biotechnology, Dairy Technology and Fishery Science. Dr. Taneja expressed that quality books are the face and library is a treasure-house of the knowledge. He further said that books are the best possession of the scientific fraternity in all times and professional survival is impossible without updation of the knowledge.



## STUDENTS' ACTIVITIES

- Annual Athletic Meet:** The 8<sup>th</sup> Annual Athletic meet of Guru Angad Dev Veterinary and Animal Sciences University (GADVASU) was held on February 25, 2014. Students of all the three constituent colleges of GADVASU namely College of Veterinary Science, College of Dairy Science and Technology and College of Fisheries and School of Animal Biotechnology and affiliated College of Khalsa College of Veterinary and Animal Sciences, Amritsar actively participated in this athletic meet under different sports categories. Dr V.K. Taneja, Vice Chancellor, GADVASU inaugurated the athletic meet. Dr SPS Sangha, Director Students Welfare, GADVASU extended thanks to the whole family of GADVASU and congratulated the winners.



- Theatre events:** GADVASU lifted the overall trophy of theatre at all India Inter-Agri youth festival, held at University of Agricultural Sciences, Bangalore. Students of the vet varsity earned a number of prizes at this festival. Dr. Darshan Singh Aulakh, Welfare Officer of university informed that our students performed very well in different events of music, theatre, fine arts, literary and dance. More than 60 universities participated in this competition.
- Thanksgiving prayer by 48 passout students of Dairy Science College of Vet Varsity was held on June 3, 2014. On the occasion, Bhog of Sri Akhand path of Shri Guru Granth Sahib Ji was solemnized in connection with the successful completion of degrees of the 2009 and 2010 batches of College of Dairy Science & Technology which was established in the university in year 2008. Community langar was also served after the Bhog.



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