



GADVASU

January-June 2013 Volume 5, Issue 1

Newsletter

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

www.gadvasu.in

From the Vice-Chancellor's Desk

Dear Readers,

Start of a year, is the time of introspection for the ensuing projects and to define or charter the new areas of focussed research and other priorities to be put in place as an underpinned items to be achieved as the year progresses.

The year started off on a positive note, as GADVASU got accreditation from ICAR. It was quite a moral booster as in short span of 7 years, the university has created a special niche in national and international field(s) of teaching, research and extension which paved way for significant improvement in the areas of veterinary, dairy and fisheries. Efforts to get accreditation for newly established College of Fisheries and College of Dairy Science and Technology are underway.

On the research front, the faculty earned research grants in the field of disease diagnosis, biotechnology, reproduction and pharmacology from agencies like; DBT, UGC & ICMR and experiential learning projects from ICAR. This approach in a way acts as a morale booster for those who get it in form of funding to encourage research excellence in areas that improve both our quality of life vis-a-vis the country's economy.

The Research focus would be to develop cutting edge technologies to increase animal productivity while mitigating the effects of climate change on livestock productivity. For accurate and efficient disease diagnosis and treatment, excellence in clinical services shall

be developed with super-speciality at species level and advancements in medicine, surgery and reproduction and cancer diagnosis and treatment to decipher the intricacies of pathogenesis of occurrence of cancer. The research focus would be to study the effect of environmental pollutants and zoonotic pathogens on animal and human health and diagnosing/ treatment of



cancer in animals. This aspect shall be pursued by forming a consortium from human and veterinary researchers.

The University has established a Centre of Wild-life Studies and Research. The centre is located in the College of Veterinary Science. The centre will have all teaching and research facilities with well established diagnostic laboratory set-up, record keeping mechanisms for digitalizing of the data of wild life diseases, computerized laboratory and an annexe for imparting training to wild life health specialists. It will also provide specialist services to address problems or exigencies emanating from the zoo.

The University's immediate priority is to have a focused Vision Document with defined priorities and thrust areas to respond to the present and future challenges facing livestock and fishery sector with emphasis on diversification in agriculture. Priority would be to generate cost effective technologies for benefit of farmers. Animal Husbandry Extension network for demonstration and dissemination of technologies and services would be further strengthened. University organized training courses on dairy and goat farming, poultry farming, piggery and fish farming and feed

millers/manufacturers. More short term courses for training livestock entrepreneurs and especially unemployed youth are planned so that they can garner enough expertise for earning their own livelihood from livestock sector.

The students performed extremely well and excelled on all fronts, be it academics, sports or co-curricular activities and brought laurels to the university at national level. Eight students pursuing their Ph.D. got Inspire Fellowship. Seven students of College of Dairy Science and Technology, qualified the All India Entrance Examination for Admission to Post-Graduation programme 2013 (AIEEA- PG-2013) in Dairy Technology discipline. Also, three fisheries graduates of the second pass-out batch of College of Fisheries succeeded in grabbing M.F.Sc. seats in country's most prestigious fisheries institute, Central Institute of Fisheries Education (CIFE, ICAR), Mumbai. They got this opportunity after qualifying All India Entrance Examination for Agriculture – PG, 2013 conducted by Indian Council of Agricultural Research, New Delhi. These students will receive Junior Research Fellowship (JRF) for a period of two years with a contingency grant. University faculty and students celebrated the Republic Day, sports festivities, Gurburav of Guru Angad Dev Ji with fervour and gaiety.


We are on a path of realizing our vision and shall achieve breakthroughs in our pursuit for national and global leadership in academics, basic and applied research, delivery of services and dissemination of knowledge and technologies to livestock farming community.

The university saw a phenomenal increase of funds compared to the previous year. This increase reflects the strength of our reputation, the diversity of our programmes and the accomplishments of our faculty, staff and students.

My best wishes to all of you for treading on the path of success.

(Vijay Kumar Taneja)
Vice-Chancellor

insight

-  New Establishments/Awards.....-p.2
-  Research Activities.....-p.3
-  Mela /International Honours.....-p.4
-  Extension Activities/Trainings.....-p.5
-  Academic Achievements.....-p.6
-  Faculty Achievements.....-p.7
-  Extra Curricular Activities.....-p.8

Dr. Taneja, nominated General Body member of ICAR Society

The Hon'ble Agriculture Minister and President of the ICAR Society has nominated Dr. V. K. Taneja, Vice-Chancellor, Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana as member on the General Body of the Indian Council of Agricultural Research (ICAR) Society for a period of three years w.e.f. 30.04.2013. This nomination is in recognition of contributions made by Dr. Taneja in the field of animal husbandry, dairy & fisheries. The ICAR is the highest body of the country that promotes and co-ordinates agricultural and animal husbandry education, research and its application in practice, development and marketing.



ICAR GADVASU gets accreditation

The Indian Council of Agricultural Research (ICAR) has granted accreditation to Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana and to its prestigious College of Veterinary Science for a period of 5 years up to March 7, 2018. The University in a short period of time has significantly touched the lives of farmers in the state of Punjab and has paved a way for improvement in production and productivity. Efforts are also afoot to get accreditation from the ICAR for the College of Fisheries and College of Dairy Science & Technology, both established in 2008.

Wild-life centre established

The University has established a Centre of Wild-life Studies and Research at College of Veterinary Science. The centre has facilities for teaching and research with well established diagnostic laboratory set-up, record keeping mechanisms for digitalizing data of wild life diseases, computerized laboratory and an annexe for imparting training to wild health specialists. It will also provide specialist services to address problems or exigencies emanating from the zoo.

Livestock farmers honoured with CM awards at GADVASU

Dr. V.K. Taneja, Vice-Chancellor conferred Chief Minister's award (cash amount, plaque, shawl and citation) to four progressive livestock farmers of the State at the Pashu Palan Mela to give a positive flip to livestock sector. Dr. Taneja opined that these awards will help in motivating other cattle, buffalo, goat, piggery, fish and poultry farmers to learn and adopt the latest technologies and practices of animal farming and further the awardees will also serve as role models for other farmers who want to adopt animal farming.

- In cattle category, S. Jagdeep Singh s/o S. Natha Singh VPO Aasal, Distt. Ferozepur won the award for promoting dairy sector and also adopting eco- friendly measures like making Bio-Gas from his farm waste.
- In poultry sector, Sh. Raghuvir Chand s/o Sh.Paras Ram of Tapa Mandi, Distt. Barnala won the award. Another farmer, S. Dalvir Singh Kang, s/o S. Kuldeep Singh Kang of Vill. Shamaspur, Distt. Ludhiana also bagged the award for establishing his own feed mill and bio-gas plant.

In Goat category, Sh. Gamdeen s/o Sh. Jamaldeen of Vill. Bhutta, Distt. Fatehgarh Sahib won the award.



Readers delight : University holds book exhibition

Dr. V.K. Taneja, the Vice-Chancellor of the University inaugurated the book fair at GADVASU. The Vice-Chancellor opined that the University faculty and students should take full advantage of the book exhibition for teaching and research pursuits. He visited various stalls and showed immense interest in the latest editions of books on the various subjects. Dr. Taneja expressed his views that the availability of quality books in the University Library is the face of the university and library is a treasure-house of knowledge. He further added that the books are man's best friends in all times.



Training held on upkeep of ornamental fish

One day training on upkeep of ornamental fish was held by College of Fisheries on May 14, 2013 for dish farmers/lovers and tips were given on the upkeep of ornamental fish and the aquarium. It was emphasized that fish, during summer months, needs thorough care with regard to light management, dissolved oxygen level, aerator apart from the knowledge on how to get rid of unwanted toxic material and gases from aquarium.



Technology for Meat based protein rich snacks developed

Department of Livestock Products Technology has developed the meat based snack products such as chicken meat kurkure, chicken meat caruncles, chicken meat noodles and chicken meat biscuits. The meat based snack products can be stored at room temperature (without refrigeration) for more than 3 months. The Department has developed a taste-maker for the chicken noodles which adds to the sensory quality of the product. Also, the Department has developed meat waddi rich in proteins, low-fat, low-salt and can be utilized in various culinary dishes. Furthermore, department has developed various meat products including meat samosas, meat patties, meat koftas, sausages, loaves, pickle etc.



International patent granted to Vet scientist for diagnostic kit

Dr. Hari Mohan Saxena, Professor of Immunology in the Veterinary Microbiology department of Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana has been granted a South African patent. The new diagnostic test called Super-agglutination test provides an ingenious solution to the problem of false positive and false negative results quite common with the available diagnostic tests and kits employed for diagnosis of a large number of infectious diseases of animals as well as humans, including important zoonotic diseases like Brucellosis (the Rose Bengal Plate Test) and Salmonellosis, transmissible from animals to humans. Dr. Saxena has also been invited to serve as a review editor on the editorial board of Microbial Immunology of Frontier Journal, an academic publisher and research network based in Switzerland.



National recognition for GADVASU scientist

Dr. A.L. Saini, Professor-cum-Head, Department of Livestock Production Management, Ludhiana has been bestowed with a prestigious award i.e. National Fellow by the Indian Society of Animal Production Management (ISAPM) at the XXth Annual Convention and National Symposium on "New paradigms in Livestock Production : From traditional to commercial farming and beyond" from January 28-30, 2013 at NDRI, Karnal in recognition of his contributions to different techniques for increased livestock production. Currently, he is Principal Investigator of one of the major World Bank funded scheme under National Agricultural Innovation Project.



Purdue University experts meet VC

A delegation comprising of Dr. K.G. Raghothama, Professor and Associate Director of International Programs in Agriculture and Dr. Karen Plaut, Associate Dean and Director of Agriculture of Research Programs, Purdue University, USA met Dr. V.K. Taneja, Vice-Chancellor and officers of the University. Dr. Taneja briefed the delegates about the academic and research programmes underway in the University. He stated that the University, in a short span of time, has built-up its reputation in quality of research, innovation and education and enumerated that the University is treading its path in the areas of food safety, quality, environmental health, animal waste management, methane emission, vaccines and diagnostic imaging, critical care and value addition of meat, fish and milk products. Dr. Karen Plaut appreciated the work done by GADVASU and expressed his desire for forging collaborative tie-up on these aspects with GADVASU in near future.



Buffalo breeders from South America visit Vet Varsity

A delegation of twenty buffalo breeders from Venezuela, Columbia, Costa Rica and Brazil visited University dairy farm and showed keen interest in elite high milk producing buffaloes at GADVASU. These buffalo breeders showed keen desire to procure the semen of superior buffalo bulls maintained at the University farm and were impressed by the high yielding buffaloes, their proper record keeping and also silage making at the farm. The visitors were enthralled to see the working of bio-gas operated Gen-set run from waste of animals at the University farm.



Expert from USA enlighten students and faculty

Dr. Dhruv Grover from the Howard Hughes Medical Institute's Janelia Farm Research Campus at Washington D. C. delivered a guest lecture entitled 'How do neural circuits work: A behavioral dissection of the sensory and motor system in the fruit fly' and the same was well attended by students and faculty. He presented the results of his experiments under the Fly Olympiad Project aimed at studying the relationship of various genes and targeted modulation of neurons with vision and behaviour of fruit fly (*Drosophila melanogaster*). He has developed methods and equipment to study visually guided flight behaviour to analyze sensory visual system and motion circuit in flies.



GADVASU celebrates 14th Pashu Palan Mela

The Pashu Palan Mela organized from March 15-16, 2013 left the livestock farmers spellbound. The theme slogan of this mela was “Kheti Vibhinnta da eh uttam badal, Chitey ,Neeley inqlab nu karo safal.” i.e. (The best option of agriculture diversification is to develop livestock professions and fisheries). Four Chief Minister's awards were conferred on progressive farmer(s) of different livestock professions. The epi-centre of attraction was having a glimpse of elite livestock, Fisheries, Poultry Emu and birds.

The experts of the University gave practical demonstrations regarding upkeep, vaccination and other timely cares of the small pets like dogs, cats etc. Besides this, the University showed commendable work done on ornamental fish. The exhibition depicted latest interventions in the field of animal husbandry which can be of help for the unemployed youth and



marginal farmers of the State who are especially interested in setting up their own business in livestock sector with minimum finances. The financial institutes like banks, insurance agencies and experts of the University provided them information. University publications containing information relating to livestock diseases, their remedial measures and information regarding training courses were made available.



International Honours /Awards

Finnish government scholarship for Ph.D: Dr. Rajesh V. Wagh, a doctorate student of Department of Livestock Products Technology, GADVASU, bagged a prestigious scholarship for pursuing doctoral research at Laboratory of Meat Science and Technology, Department of Agriculture and Environment Sciences, University of Helsinki, Finland after competing with the participants from 25 countries including USA, Australia, Italy, France and Greece to name a few. During his Ph.D, he will work on the utilization of bioactive compounds for the extension of storage life of functional frankfurters.



One month training at South Korea : Dr. Simrinder Singh Sodhi attended one month training programme from February 1-28, 2013 in the field of Bioinformatics in the Lab of Bioinformatics and Population Genetics, at Seoul National University, Seoul, South Korea. Dr. Sodhi is currently pursuing his Ph.D. in Animal Biotechnology at Animal Genetic Engineering & Stem Cell Biology Lab, Faculty of Biotechnology, Jeju National University, Jeju, South Korea.

International Conference of Experimental Biology at Boston, USA: Dr. R.S. Sethi presented a research paper entitled “Chlorpyrifos induces lung inflammation and alters response to E. coli lipopolysaccharide challenge” in the International conference of Experimental Biology at Boston, USA. The research work is a part of the collaborative research programme under International Partnership Fund Program of University of Saskatchewan, Saskatoon, Canada and GADVASU, Ludhiana.



Paper presented at Nanjing, China : Dr. Sandeep Kaswan of Department of Livestock Production Management, was awarded Professor Tielen Foundation (PTF) fellowship to participate in the XVI International Congress on Animal Hygiene recently held at Nanjing, China to present a paper on 'Effect of different floor space allowance on carcass characteristics of crossbred (Landrace X Desi) pigs'.

Best paper award during the poster presentation : Dr. Simarjeet Kaur, Assistant Animal Geneticist, presented paper entitled, “Potential of Livestock and Poultry as a Source of Farm Energy ” by Simarjeet Kaur, I S Bajwa, R S Grewal and S S Sooch, during the poster presentation in the X Annual Convention of Society for Conservation of Domestic Animal Biodiversity (SOCDAB) and National Symposium on “Integrated Development of Vast Biodiversity of Indigenous Livestock for Long Term Rural Livelihood Security” at G.B. Pant University of Agriculture & Technology, Pantnagar, Uttarakhand. The poster bagged the first prize and a cash prize of ₹ 1,000.



Animal welfare camp by GADVASU at Umedpur-Dugri : An animal welfare camp at village Umedpur-Dugri was organized on April 23, 2013 by Department of Veterinary and Animal Husbandry Extension, Ludhiana with a motive to treat the animals presented with multiple problems and also to guide the livestock farmers regarding scientific rearing of animals. Besides imparting knowledge on welfare of animals, rural people were motivated to adopt dairy as viable alternative to customized agriculture and to disseminate the technologies.

Specialised dairy training course held at campus

Department of Veterinary and Animal Husbandry Extension Education, College of Veterinary Science, Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana organized a two weeks 'Specialized Training Course on Dairy Farming' for the farmers from January 21- February 1, 2013. A total of fifty-seven farmers participated in this training course. Experts from College of Veterinary Science delivered lectures on various aspects of dairy farming. Further, the farmers were guided to construct cheap but comfortable sheds for their animals which would help in maintaining better hygienic conditions and excellent management. The farmers were also trained to differentiate between healthy and sick animals. The role of regular vaccination, de-worming and hygiene in prevention of diseases was stressed. The first-aid methods for various ailments were taught and practical demonstrations were given. Special emphasis was paid on tips for timely detection of heat, timely artificial insemination and care of pregnant and new born animals.



Two weeks training for dairy farmers

Department of Veterinary and Animal Husbandry Extension Education, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana organized a two weeks dairy farming training for the forty-five farmers of Punjab and neighbouring States from May 6-20, 2013, especially for the unemployed youth so that they can start their own ventures for earning livelihood besides providing the much needed thrust for diversification in agriculture.



Goat Farmers Association formed

Twenty goat farmers from Punjab attended the meeting where an association was unanimously formed to address and reiterate the issues related to goat production, management and rearing goats under stall fed goat production. Information on worm infestation and their prevention in sheep and goat was discussed. Besides this, important aspects about control of infectious abortion in goats were also highlighted.

Dairy farmers from Madhya Pradesh trained

The University, as per its mandate, is actively imparting knowledge to the end users to uplift the status of livestock farmers through dissemination of scientific knowledge and transfer of technologies not only to the farmers of Punjab but also to farmers of other parts of India. In that pursuit, the department organized two-days specialized dairy farming training programme for the farmers of Madhya Pradesh in which 18 trainees participated. The trainees were apprised with the scientific management aspects, balanced feeding, importance of mineral mixture, reproductive management, shelter management, seasonal management, calf care, first aid etc.

Pig farmers meet to discuss new techniques

A monthly meeting of Progressive Pig Farmers Association (PPFA) was held on January 24, 2013 in the Department of Veterinary and Animal Husbandry Extension Education. Pig farmers from different parts of Punjab participated in the training in which awareness on basic management techniques for efficient pig farming were imparted and knowledge about important diseases affecting the pigs for their effective control/prevention was provided.



Livestock trainings at farmers' doorstep

Three training programmes, on goat, pig and poultry farming at farmers' doorstep in Hoshiarpur district, were organized under the aegis of National Agricultural Innovation Project (NAIP) in collaboration with Department of Veterinary and Animal Husbandry Extension Education. In each training, 20 beneficiary farmers were drawn from different villages of Bhunga, Dasuya, Hajipur and Talwara blocks. A team of experts from GADVASU, Ludhiana and its Regional Research & Training Centre, Talwara, imparted the training on selection of animals, housing for animals, breeds and breeding, feeds and feeding, general management, health care and marketing of the products from these animals. They were also advised to join various self-help groups and species specific associations for exchange of information and germplasm with other farmers of the State and at national level.

Poultry Inspectors' training concludes

Thirteen poultry inspectors from Department of Animal Husbandry, Government of Punjab participated in a week long poultry training from January 21-25, 2013 to gather knowledge on poultry which can be further disseminated to poultry farmers at the village level. The complete capsule training programme on poultry was provided to the trainees on all aspects, starting from selection of land, procurement of feeding/birds, management of poultry birds, schedule of vaccination, handling of eggs to the marketing of poultry birds. Apart from the above, they were guided to prepare project reports and handle common emerging diseases.



'Reap maximum benefit from fish farming in the summer season', says varsity experts

Proper care and right knowledge is the key to reap maximum benefit from fish farming in the summer season. Provision of sufficient comfortable zone to fish by maintaining six feet water depth mitigates heating up of water; partial shading of pond with trees is also recommended. Further, care of the water quality with regard to 'Oxygen' is the most important issue to be addressed. Nutrient rich pond water can be used to irrigate the agricultural fields and fresh water can be added in the fish ponds. It will improve water quality in the pond and reduce fertilizer requirement for the crop. It is also very important to sustain regular plankton (natural fish food) production in the pond and provide a nutritionally balanced supplementary diet. Keep the pond rich in plankton through mixed utilization of organic manures and inorganic fertilizers.



GADVASU holds CET-2013

Guru Angad Dev Veterinary and Animal Sciences University conducted the Combined Entrance Test (CET) for admission to B.V.Sc. & A. H., B. F. Sc. and B. Tech. (Dairy Technology) programmes on June 26, 2013. A total of 2575 candidates applied for admission to these courses, out of which 2252 candidates (1375 boys and 877 girls) appeared in the entrance test.



INSPIRE Fellowship for eight Doctorate scholars

Eight doctorate students of Guru Angad Dev Veterinary and Animal Sciences University have been awarded with national fellowship, INSPIRE (Innovation in Science Pursuit for Inspired Research) of the Department of Science & Technology, Government of India. Each INSPIRE fellowship awardee will get an amount of ₹ 18000/- per month along with a contingency grant of ₹ 20,000/- each year, continuously for five years. Students who got INSPIRE fellowship:

- Two students from School of Public Health and Zoonosis i.e. Anupama Sharma (working on immunotoxicity and genotoxicity of pesticide) and Mukesh Kumar Thakur (working on cross sectional studies on Mycobacterium bovis by conventional and molecular techniques).
- Akhilesh Kumar Verma of Livestock Product and Technology (working on bioactive peptide for preservation of meat).
- Shaswati Subhadarsini Pany of Department of Veterinary Microbiology (working on molecular aspect of brucella organism).
- Ajayta Rialch of Veterinary Parasitology (working on detection and molecular diagnosis of equine trypanosomiasis)
- Omer Khalli Baba of Veterinary Pathology (working on canine mammary tumour as a model for human breast cancer)
- Bhaskar Vemu of Veterinary Pharmacology and Toxicology (working on reproductive toxicity)
- Mamta Pandey of School of Animal Biotechnology (working on molecular characterization of classical swine fever virus).



Students of CODST qualify ICAR-AIEEA exam

Seven students of College of Dairy Science and Technology, Guru Angad Dev Veterinary and Animal Sciences University qualified the All India Entrance Examination for Admission in Post-graduation programme (AIEEA- PG- 2013) in Dairy Technology discipline. AIEEA-PG-2013 was conducted by ICAR on April 21, 2013 for admission to masters' programme in various disciplines of Agricultural and Veterinary Universities. Venus Bansal, Anurag Singla, Pritpal Singh, Sukhwinder Singh, Akashdeep Singh Benipal, Rishi Puri and Gurbir Singh of B.Tech Dairy Technology (2009-13 batch) brought laurels to the college and university with their hard work and dedication.



Medals galore for vet athletes

GADVASU Sports contingent won gold, silver and bronze medals in various games in Table Tennis (M), Badminton (M&W), Athletics (M&W) and Basketball (M&W). Dr. V.K. Taneja, Vice-Chancellor appreciated and congratulated the winners of 45 members contingent, which participated in 14th All India Inter Agricultural Universities and Sports Meet held at Karnataka Veterinary, Animal and Fisheries University, Bidar.



Students of College of Fisheries, GADVASU selected for PG courses in premier vet institutes

Three fisheries graduates, Poonam Rani, Prem Singh Prajapat and Sudhanshu Raman of the second batch of College of Fisheries succeeded in getting M.F.Sc. seats in country's most prestigious fisheries institute, Central Institute of Fisheries Education (CIFE, ICAR), Mumbai. They got this opportunity after qualifying All India Entrance Examination for Agriculture - PG 2013 conducted by Indian Council of Agricultural Research, New Delhi. These students will receive Junior Research Fellowship (JRF) amounting to ₹ 8640/- per month for a period of two years with a contingency grant of ₹ 6000/- per annum. Apart from them, two more students, Rajinder Kaur and Rajindra Kumar, of College of Fisheries got seats in M.F.Sc programme in G.B. Pant University of Agriculture and Technology, Pantnagar and Maharana Pratap University of Agriculture and Technology, Udaipur respectively.



Non-teaching staff flexes muscles out in sports field

The first sports meet of non-teaching employees of the varsity was organised. On this occasion, the Vice Chancellor, Dr. Taneja said that these moments are good to relive the studentship and youthfulness of life. These types of activities act as stress busters in the otherwise hectic routine of the employees. In the team events, College of Fisheries won the football match and College of Veterinary Science secured the title of Kabaddi championship.



Varsity Contingent clinches Runners-Up Trophy at All India Youth Fest

The contingent which bagged the Runners-Up Trophy amongst 40 participating universities in 13th All India State Agricultural Universities (SAU) youth festival was felicitated by Dr. V K Taneja, Vice-Chancellor. Students performed very well in fine arts events and won individuals trophy of fine arts. Also, in the events of drama, dance, music and literary items, students showcased their talent to secure good positions.



Dr. V. K. Taneja, Vice-Chancellor, released Handbook, Diary and University Calendar 2013 both in English and Punjabi language separately where vital information for veterinarians and farmers on various aspects of livestock farming viz. rearing and care of livestock, their feed and nutrition, salient points of major diseases, information on value added products and various facilities and diagnostic services available at vet varsity are highlighted.



University gets new Head of Departments, Board of Management approves appointments, term of 4 years effective April 2013



Dr. Neelam Bansal has taken over as Head of Veterinary Anatomy and Histology. Dr. Bansal has published 135 research papers in various referred journals and attended diverse National and International conferences and received a range of awards and distinctions.

Dr. Jaswinder Singh Bhatti has taken over as Head of Veterinary and Animal Husbandry Extension Education. He has published 30 research papers, 125 extension papers on different species of livestock and made an audio cassette on Poultry Farming. He has organized 22 national seminars/workshops/conferences in Animal Husbandry field. He has also contributed chapters in different books/manuals/proceedings.



Dr. Harmanjit Singh Banga, joined as Head of Veterinary Pathology. He is a recipient of Commonwealth Scholarship for pursuing his Ph.D. at University of Guelph, Ontario, Canada. Dr. Banga has an excellent academic record as he had been a meritorious student with many honours like the prestigious Dr. A S Atwal Gold Medal for M.V.Sc, Jawaharlal Nehru Trust Award etc. He has to his credit 104 research publications out of which 24 are of International repute. He has also contributed chapters in Veterinary Pathology books and practical manuals.

Dr. (Col.) P S Mavi joined as Head of Teaching Veterinary Clinical Complex. He also served in Punjab Animal husbandry department, Milkfed, RVC Infantry and PAU. He has been to the Army War College, Mhow for Junior and Senior Command course. He has also been awarded DGBR (Director General Border Road) commendation card on republic day for his meritorious army service.



Dr. Suresh Kumar Sharma joined as Head of Veterinary Pharmacology and Toxicology. He has done his graduation, post graduation and doctoral degree from PAU. He has contributed in the field of Pharmacokinetics of antimicrobial and antiprotozoan drugs and Toxicology of Xenobiotics. He has published more than 60 research articles in international and national journals. Recently, he successfully completed a CSIR funded research project as Principal Investigator and is actively involved in various research projects in the department.

Seventh Annual Athletic Meet held amid gaiety and festivities

The 7th Annual Athletic Meet held on February 27, 2013 was inaugurated by Dr. V K Taneja, Vice Chancellor, GADVASU. Students of constituent colleges of GADVASU campus namely College of Veterinary Science, College of Dairy Science and Technology, College of Fisheries, School of Animal Biotechnology and affiliated College of University i.e Khalsa College of Veterinary and Animal Sciences, Amritsar participated. Rajandeep and Ramneet Kaur were declared best athletes in Men's and Women's categories respectively.

Overall trophy was won by College of Veterinary Science. Equestrian events were also performed by the cadets of NCC unit of GADVASU. In the closing ceremony, bhangra performance on folk music added colour to the athletic meet.



Extra Curricular Activities

University gets an interactive website

A new website was launch by Dr. V.K. Taneja. He opined about increasing impact of Information and Communication Technologies (ICTs) on information and knowledge generation and dissemination. He expressed that the technological advances have brought the world very closer, virtually transforming it to a global village. He further added that professional survival is almost impossible without using technology. He also expressed that University Library will soon be expanded to meet the needs of a growing number of users.



Patriotism at its peak on Republic Day

While remembering Dr. B. R. Ambedkar, the architect of Indian Constitution and martyrs of freedom struggle, Dr. V. K. Taneja, Vice Chancellor, extended felicitations on the 64th Republic day of our country. Dr. Taneja unfurled the National Flag and highlighted the importance and spirit of the Indian Constitution for the development and prosperity of people. R&V Sqn. NCC cadets of GADVASU presented the Guard of Honour. Dr. Taneja highlighted the important achievements of teachers and students in the field of education, sports & cultural activities. On the other hand, students filled colours, emotions and rhythm in the function with their lively performances.



Parkash Purb of Guru Angad Dev ji celebrated

Sri Akhand Path of Shri Guru Granth Sahib ji was solemnized on April 18, 2013 at Guru Anagd Dev Veterinary and Animal Sciences University in connection with the Parkash Purb of Guru Angad Dev ji in whose name the Guru Angad Dev veterinary and Animal Sciences University was established in the year 2006. On this occasion, community langar was organized jointly by students, staff and faculty.



World Veterinary Day

A free vaccination and de-worming camp for pet animals was held on World Veterinary Day on April 27, 2013. Dr. Taneja emphasized that proper vaccination of animals helps people to protect their livestock and companion animals as well as themselves in case of zoonotic diseases.



World Environment Day commemorated

NSS volunteers/students of GADVASU made environment awareness campaign in the University campus in collaboration with Society for Conservation of Flora and Fauna (SCFF). NSS volunteers adopted slogan 'Each One Plant One' and '3Rs' (Reduce, Reuse and Recycle) in the University campus. They organized a plantation drive and anti-food wastage campaign rally. Initial sapling plantation of this season was planted by Dr. P. D. Juyal, Registrar, GADVASU and Dr. Asha Dhawan, Dean, College of Fisheries. NSS volunteers planted more than 110 saplings of shrubs and shaded trees in the campus of College of Fisheries on the occasion of World Environment Day.



Chief Editor : Dr. H.S. Banga
 Associate Editor : Dr. Vaneetinder Kaur
 Design, Editing : Ms. Nidhi Sharma
 Published by : Dean, COVS, Ludhiana, on behalf of Vice-Chancellor,
 GADVASU Phone: 0161-2414020. Fax: 0161-2400822

PRINTED MATTER	BOOK POST
To _____	
If undelivered, please return to : Dean, COVS, GADVASU, PIN Code - 141004, Ludhiana, Punjab.	