# e-Newsletter

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

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**January - March 2019 (1)**


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## From the Desk of the Vice-Chancellor



I would like to thank readers of this Newsletter for their continual patronization of the university. This university through dissemination of novel technologies has helped in contribution to livestock and fish farming in the state vis-à-vis economy has improved over the years. This is because of improved technologies and services made available to the farmers. Review of growing influence of livestock sector and shortage of manpower mooted the State Government in establishing a new Veterinary Science college at Ram Pura Phul, Bhatinda to create a human resource for addressing these concerns. The new college would have state of art facilities for teaching and research.

The livestock is an important component of the rural economy in India. It contributes to family nutrition, income and asset savings, soil productivity, transport and family and community employment. This significance of this agricultural sub-sector is escalating further particularly due to challenges posed in agriculture. Guru Angad Dev Veterinary and Animal Sciences University is committed to the well-being of livestock in the state of Punjab and doubling the income of farmers and uplifting their living standards by promoting livestock farming. Diversification with in livestock farming has always been on the perseverance of the university. It has been continuously empowering the livestock farmers with appropriate technical know-how and skills through various extension education and training programmes. Besides providing treatment of illness at its state-of-the-art veterinary hospital, the university provides advisory on care management of animals, nutrition, cleaning, and environmental sanitation to provide healthy environment to the livestock and reduce the usage of veterinary medications and care, resulting into reduction of input and labour costs and increasing the productivity of animals for enhanced profit margins.

The University stands no longer in marquee in dissemination of in-house built techniques/ technology to corporate sectors and prominently done from researched and improved livestock meat products. . From the very beginning, the University has extended all possible and prospective support to farmers at primary level and remained committed and following the same concept, GADVASU over a period of half decade has succeeded in extending all its potential knowledge and gain to other states of India either through periodic training of its farmer or its qualified veterinary personnel. This can be apparently felt by its potentiality in organizing several training camps and courses.

The University has always vouched for transparency and stands to attempt in providing safer and academically conducive environment to its students and faculty members. GADVASU has always thronged ahead with both scientists and students earning fellowships and research projects to pursue academic excellence and to be good citizens by involving them in Nation building measure via their participation in National and international activities in various NCC and NSS related activities and organization of awareness camps among masses at inside campus and outside university.

I wish the readers of the News Letter will harness valuable information on University advancement in teaching, research and extension activities and technological developments achieved through hard toiling of our efforts over a period of years.

**AS Nanda**
**Vice-Chancellor**

## Captain Amrinder Singh, Hon'ble Chief Minister of Punjab Inaugurated the Multispecialty Veterinary Referral Hospital

The Hon'ble Chief Minister of Punjab Captain Amarinder Singh inaugurated the state-of-the-art and first of its kind 'Multispecialty Veterinary Referral Hospital' built at the cost of Rs. 14.5 crore at GADVASU. The hospital is equipped with world-class medical and surgical care facilities to cater the health needs of animal patients. S. Balbir Singh Sidhu, Hon'ble Cabinet Minister, Animal husbandry, Dairy and Fisheries Department also graced the occasion.



Hon'ble Chief Minister Captain Amrinder Singh and S. Babir Singh Sidhu Cabinet Minister inaugurating the hospital

The Hon'ble Chief Minister said that the livestock has a huge potential to double farmers' income through improved efficiency of production, quality, food safety and economics. He called for developing a roadmap for Livestock Revolution-2030 and stressed the need for trained human resource as well as continuous research and technology backup to achieve and sustain livestock revolution. The Chief Minister gave emphasis on preparation of action plan to encourage farmers to shift from traditional to allied farming, as they could get better returns from dairy, bee-keeping, goatry, piggery, fishery etc. The Hon'ble Chief Minister emphasized on the collaboration of the Department of Animal Husbandry with veterinary universities and other institutions for improvements in embryo transfer technology so as to ensure the production of quality livestock.

Dr. A. S. Nanda, Vice-Chancellor said that the new advanced multispecialty veterinary referral hospital will play a key role in furthering veterinary education by teaching students about the latest concepts and techniques in a conducive environment.

## 26th Pashu Palan Mela

GADAVSU organized the 26th Pashu Palan Mela on 15-16 March 2019 under the slogan "Uttpadan di Gunvatta Vadhao, Pashu Palan ton Vadh Labh Kamao". His excellency, Sh. Ram Saran Verma, Padam Shri was chief guest and Dr. B.S. Dhillon, Vice-Chancellor, Punjab Agricultural University, Dr. Sutantar Kumar, Director, Department of Agriculture, Punjab and S. Inderjit Singh, Director, Dairy Development Board were the guest(s) of honour. Members of the Board of Management, GADVASU also graced the occasion.



His excellency, Sh. Ram Saran Verma inaugurating Pashu Palan Mela

Dr. Amarjit Singh Nanda, Vice-Chancellor, GADVASU reiterated that diversification is the core issue now a days in agricultural farming and livestock farming is the best option for diversification. He further emphasized that diversification within the livestock is need of the hour and informed that the University is making concerted efforts to explore and advocate the new frontiers in the livestock farming. Dr. Nanda urged the farmers to adopt the profitable ventures of fisheries, pig, poulty and goat farming in scientific manner and make value additions to products to add on profit in comparison to conventional livestock farming. The University showcased all research, education and extension programmes at the Pashu Palan Mela for the benefit of livestock farmers.

Nine progressive livestock farmers of the state were awarded under different categories, vis. Cattle, buffalo, poultry, goat, fish and pig for excellence in respective livestock farming fields.

The awards carried a plaque, shawl and citation along with cash reward.



Awardee farmers with Vice-Chancellor and officers



Chief guest along with Vice-Chancellor visiting stalls in Mela

Various livestock association(s) working under aegis of university and Self-Help Groups exhibited their product(s) and services. A large number of livestock farmers not only from the Punjab state but also from the adjoining states mostly Haryana, Rajasthan, Himachal and Jammu and Kashmir also visited the mela.



Farmers visiting stalls

In the Pashu Palan Mela, GADVASU started a year-long 'Buffalo Promotion Mission-2019'. Dr. A S Nanda, Vice-Chancellor initiated this mission in the presence of farmers. Buffalo being the native animal, is well adapted to the local climatic conditions and resistant to various diseases and parasites. GADVASU has decided to dedicate full one year to create awareness and promoting of buffaloes, though regional research centre of GADVASU focusing on buffalo production system and profitability from buffalo rearing to boost the farmers' income. Dr. Nanda added that buffalo farmers will be given training on farm management and reproductive issues. GADVASU will also focus on special training on heifer nursery to the farmers on Punjab. Training will also be provided for hygienic meat production and zero waste technology for achieving the export competitiveness. GASVASU will train buffalo farmers to prepare mozerella cheese at farm level .



Dr. A S Nanda inaugurating the 'Buffalo Mission'

Mela attracted a huge gathering with a thought to develop livestock professions on modern terms. Sh. A S Miglani, IAS, Secretary, Personnel and Mission Director, Directorate of Ground Water Management also graced the occasion on 16th March 2019. The Pashu Palan Mela concluded with a new hope for a brighter future in the livestock rearing.



Farmers at stalls

# Faculty Awards/ Honours/ Recognitions

## Fellowship of ISVM



Dr. S. K. Uppal, Dean Postgraduate Studies was conferred with the fellowship of the Indian Society for Veterinary Medicine at 33rd Annual Convention of Indian Society for Veterinary Medicine (ISVM) held at Pokode Veterinary College, Wayanad, Kerala for his excellent services in field of veterinary medicine.

## Young-Scientist Award

Dr. Sachin O. Khairnar was conferred with 'Young Scientist Award' in the field of Agriculture and Allied Sciences at the International Conference on "Advances in Agriculture and Allied Science Research" organized by SamagraVikas Welfare Society at Rama University, Kanpur, Uttar Pradesh, India during February 23-24,2019.



Dr. Sachin O. Khairnar receiving the award

Dr Asmita Narang, Assistant Professor, Veterinary Medicine, won "Intas Young Scientist" Award 2019 for presenting her PhD research work entitled 'Diagnostic and Therapeutic studies on lower respiratory tract diseases in cattle' at the 37th Annual Convention of Indian Society for Veterinary Medicine & National Symposium National Symposium held at College of Veterinary and Animal Science, RAJUVAS, Bikaner.



Dr. Ashmita Narang receiving the award

## Best oral/ poster presentation awards



- Dr. Jasmine Kaur, Assistant Professor, Department of Animal Nutrition, GADVASU gave poster presentation entitled "Evaluation of *Phalaris minor* seeds in the diet of milch cows as partial energy supplement" at the 22nd Punjab Science Congress organized by DAV Institute of Engineering and Technology (DAVIET). Dr. Kaur's presentation was adjudged the "Best Poster" in Medical, Veterinary and Pharmaceutical Sciences category. Dr. Jasmine Kaur was bestowed with a certificate, medal and cash prize.
- Awards won at 33rd Annual Convention of Inian Society for Veterinary Medicine (ISVM) held at Pokode Veterinary College, Wayanad, Kerala:

* The paper presented by Dr. B K Bansal, Senior Scientist-cum-Head, Department of Veterinary Medicine on 'Molecular epidemiology of *Staphylococcus aureus* strains isolated from bovine mastitis' co-authored by Drs. Shukriti Sharma, D K Gupta, T A Shafi and G Filia was conferred with 'Best Poster Presentation Award'.

* Dr Swarn Singh Randhawa, Professor, Department of Veterinary Medicine received 'Best Poster Presentation Award' for the paper on 'Validation of portable ultrasound machine with convex probe for the measurement of sole thickness in crossbred dairy cattle' co-authored with Arwind Bagga, Dr. J Mohindroo.

* Dr. Raj Sukhbir Singh, Assistant Professor in Department of Teaching Veterinary Clinical Complex received 'Best Oral Presentation Award'. The research paper entitled 'Risk factors associated with the occurrence of teat-end hyperkeratosis in HF and Sahiwal crossbred dairy cows' co-authored with Dr. B K Bansal and Dr. D K Gupta.

## KVK staff honored on Republic Day

Krishi Vigyan Kendra, Booh, Tarn Taran Deputy Director Dr. Balwinder Kumar and Mr. Nirmal Singh, supporting staff were honoured by Deputy Commissioner, Tarn Taran for dedicated efforts for managing paddy straw residue in district Tarn Taran on 70th Republic Day 26-01-2019. Besides

the Panchayat of two villages viz. Booh Havelian and Jauneke were also honored by district administration for not burning paddy straw and keeping their villages farm land totally burn free. These two villages were adopted by KVK Tarn Taran under the project "Promotion on Agricultural Mechanization for *In-situ* management of crop residues," for the year 2018-19 under Central Sector Scheme of Department of Agriculture Cooperation & Farmers Welfare, Government of India, New Delhi.



Honoured for not burning paddy straw in Booh Havelian and Jauneke

## Republic Day Celebrated

GADVASU celebrated the 70th Republic day with patriotic fervor and enthusiasm. Dr. A S Nanda, Vice-Chancellor extended his congratulation and unfurled the National Flag on the occassion. He 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. Students and staff members filled colors, emotions and rhythm with their performances in the function.



Dr. Nanda inpecting parade by R&V Sqn. NCC Cadets

## Trainings/Workshops/ Symposium

GADVASU invited Mr. Gerard Driessen, Senior Expert from Netherlands to discuss about best practices of pig rearing with farmers. Mr Driessen visited various pig farms across the state and had detailed discussion with farmers at farm level, on how to further improve pig farming. To reap the maximum benefits of Mr Driessen's expertise, monthly meeting of Progressive Pig Farmers' Association (PPFA), running under the aegis of University was organized on 21.1.2019 at GADVASU. More than 70 farmers participated in the meeting and discussed with Mr. Driessen regarding further improvements in their pig farms.




Expert from Netherland being Honoured

## Training under 'Farmers First' project

To make farmers knowledge rich, an exposure visit-cum-farmer scientist interface of a group of more than 180 farmers from the operational area of 'Farmers First' Project was arranged. The Indian Council of Agricultural Research, New Delhi sanctioned a research project entitled "Integrated Approaches for Livestock Development: Farmer's Context" to GADVASU in 2016 under 'Farmers First' as part of Krishi Vigyan Kendra scheme. Under this project, 900 farm families having 4000-5000 large and small animals in total have benefitted through integrated approaches. The farm families rearing milch animals were selected under this project as beneficiary families.



Milch animal rearing families selected under ICAR flagship project

## Training of Para-vets

Directorate of Extension Education, GADVASU organized a ten days refresher training for Paravets from Jammu and Kashmir from 18.03.2019 to 29.03.2019. A total of 26 trainees participated in this training programme. The training was sponsored under National Livestock Mission by Jammu and Kashmir Government. The participants were imparted scientific knowledge on various aspects of Veterinary and Animal Sciences.




Para-vets of J&K, given training

## Training Programme on Value Addition of Milk

College of Dairy Science and Technology organized a five-days training course on 'Value addition of milk ' under the Director Extension Education. A total of 25 trainees including 5 women participated in the programme conducted in collaboration with Society for Action in Community Health (SACH), an NGO. The participants were provided practical training on manufacturing of seven milk products viz. milk cake, paneer, whey drink, dahi, lassi, mozzarella cheese and sterilized flavoured milk.



Value Addition of Milk – Training

## Model Training Course (MTC)

University organized an eight days Model Training Course (MTC) entitled "Women Empowerment through Dairy Preneurship". Total of 21 Veterinary officers/Scientist including 18 female veterinarians from six states participated in the training program. This programme imparted practical training to the veterinarians involved in extension activities in rural areas about the latest technologies for maintaining healthy animals to get better productivity.



Brainstorming Session with Veterinary Officers and Scientists

## Training on poultry farming

GADVASU organized 240 hours training programme for 'Small poultry farmers' sponsored by Agriculture Skill council of India. Seventeen candidates from all over Punjab successfully completed this programme and are ready to start their own poultry units at respective places.

## Trainings to push livestock farming

The SC/ST Cell of GADVASU organized two days lecture series on social and health issues. Dr. Kiran Walia, a psychologist from MGN College of Education, Jalandhar sensitized the students towards gender issues prevailing in the society. She educated the students regarding assessment of their emotional well-being and the importance of sharing, cooperation and coordination in generating happiness. Dr. Ajay Shahi, a leading dental practitioner imparted knowledge about the importance of oral health in one's personality and gave tips for prevention of dental problems. Dr. Sanjeev Uppal, Prof. & Head, Department of Plastic Surgery, DMC & Hospital, Ludhiana delivered a very impressive talk on the execution of first-aid in road accidents.

## International workshop on pig farming

Directorate of Extension Education organized one day International workshop on the theme 'Growing with Pig Farming' to train pig farmers for better growth and productivity, correct management practices, health and zoonotic aspects. Total 42 participants attended the workshop.



Delegates attending workshop pig farming

## Workshop for extension functionaries

Directorate of Extension Education organized workshop on "Livestock Extension vis-à-vis Farmers Income" on for scientists/extension functionaries working in various Krishi Vigyan Kendra's (KVKs) of GADVASU. A total of 41 candidates participated in the workshop. The participants were imparted practical know how about the recent technological interventions developed by the university in all aspects of livestock, poultry and fisheries for their better performance in the field and to promote farmers, farm women and rural youth to do livestock rearing in more scientific manner for getting more income.

## Book Exhibition

The University Library organized one day book exhibition at the Examination Hall of College of Veterinary Science. Five publishers/ vendor of repute participated in the exhibition and showcased their books collection. More than 300 students, researchers, faculty members and non-teaching staff visited the exhibition and shown keen interest in reading. The faculty members browsed the books and recommended relevant and recent edition books for the library. Based on the recommendation of faculty members of various departments/ colleges, the University Library strengthened its collection with addition of 284 books worth Rs. 10 lakh.

## Training-cum-awareness programme on aquatic environment

College of Fisheries organized one day training-cum-awareness program on "Importance of Aquatic Animal Disease Surveillance in Aquaculture Environment" under the project funded by ICAR and National Fisheries Development Board (ICAR-NFDB) on "National surveillance on aquatic animal disease". A total of 24 progressive and potential farmers participated in the programme. Dr. H.K. Verma, Director of Extension Education and Dr. K.S. Sandhu Dean, College of Fisheries, inaugurated the training programme. Dr.Verma addressed the farmers and highlighted the utilization of inland saline and water logged areas of Punjab and motivated them to take the benefit of the land which is not under use for agriculture purposes. Dr. Sandhu informed the participants about the importance of surveillance, data management and interpretation data for sustainable production and convinced farmers to utilize GADVASU facilities for field related problems particularly disease diagnosis. Team of Scientists of COF delivered expert lectures with special reference to role of Coastal Aquaculture Authority (CAA) and Rajiv Gandhi Centre for Aquaculture (RGCA) for supplying Specific Pathogen Free (SPF) seed and importance of disease surveillance.

## Workshop on use of Foldscope

Department of Veterinary Pathology organized a workshop under the theme "Use of Foldscope as a novel approach for disease diagnosis". The workshop was organized for dissemination of knowledge of use of Foldscope and its use as diagnostic tool for parasitic diseases to field Veterinarians, Scientists and Research scholars of the university. A total of 25 participants attended the workshop.



Delegates attending workshop on Foldscope

## Skill training of rural youth

Department of Aquaculture, College of Fisheries organized a Skill Training of Rural Youth on 'EDP in Aquaculture' as collaborator with PAMETI, Punjab Agricultural University, sponsored by MANAGE, Hyderabad from Feb 25- March 2, 2019. A total of 15 candidates participated in the training and got acquainted with different aspects of fish culture including pond preparation, stocking of fish seed, feeding management, water quality management, health management, pangas culture, ornamental fish culture etc. The participants were also apprised about various schemes/ subsidies of Punjab government for starting fish culture.



Hands on training in progress on Fish Culture

## Training on Value addition of fishery products

Dr. Ajeet Singh, Assistant Professor, College of Fisheries provided training on Value addition of fish and fishery products with emphasis on 'Important techniques in hygienic fish production' at Krishi Vigyan Kendra, Booh, Tarn Taran.

## Meetings of IFFA

Monthly meeting of Innovative Fish farmers Association (IFFA) was held on Feb 21, 2019. Member farmers as well as some new farmers who wish to start fish culture attended the meeting. Along with general issues regarding fish farming specialized lectures were delivered on "*Azolla* culture and its use as fish feed and pond manure" and "Diversification of carp culture with Pangas".

Off campus monthly meeting of IFFA was held on Jan 17, 2019 at fish-cum-pig farm at Village Dolon Kalan (Ludhiana). Expert lecture and discussion session was held on scientific fish cum pig farming practices. Further, farmers were provided with tips related to winter care of fish.

## Visits of Experts

- Dr. Atul Jain, Director, Ornamental Fisheries & Training & Research Institute (OFTRI) visited College of Fisheries as adjunct faculty on Mar 7-8, 2019. He delivered expert lectures on adoption of ornamental fisheries as an enterprise and informed about various schemes run by National Fisheries Development Board (NFDB), Hyderabad. He motivated the students to come forward and advised them to polish their skills, so that after completion of degrees, they can become entrepreneurs.

- Dr. Manoj Sharma, Director, Mayank Aquaculture Private Ltd. Surat, Gujrat visited College of Fisheries as adjunct faculty on Mar 18 -19, 2019. He gave complete technical know-how of shrimp farming in inland salt affected areas of Punjab. He also motivated the students to become entrepreneurs in the field of shrimp farming. Special interaction session was arranged for the shrimp farmers of Punjab, for more practical understanding of the venture. Dr. Sharma alerted the students and farmers that along with massive profits in shrimp farming, numbers of risks are there, which can lead to huge loss, if scientific and timely management is not done.



Dr. Atul Jain delivering lecture to students

## Radio/TV talks

- Dr. Prabjeet Singh, delivered Radio Talk on 'Macchi Palan Kittey Ch Garmian Lai Agete Prabandh' at Air India Radio, Jalandhar on Mar 6, 2019. He stressed on practicing proper management practices for getting maximum benefits in fish farming.

- Dr. Prabjeet Singh, delivered TV Talk on 'Punjab Vich Jhinga Palan' on March 1, 2019. During the talk, the viewers were provided information pertaining to shrimp farming in inland salt affected south-west districts of Punjab.
- Dr. Vaneet Inder Kaur delivered Radio talk on 'Sajavati Machhi Palan' on All India Radio, Jalandhar on Feb 26, 2019. During the talk, the audience was given insight for adopting ornamental fisheries as entrepreneurial activity at commercial scale or as small scale backyard activity in Punjab. Dr. Kaur informed that intensive efforts are being made by GADVASU to make people aware about this upcoming sector by organizing trainings/lectures/demonstrations, etc.
- Dr. Meera D. Ansal, Sr. Scientist-cum-Head, Department of Aquaculture participated in Kisan Goshti with farmers at Air India Radio, Jalandhar on Feb 7, 2019.

## Participation in conferences/ seminars

- Ms. Priya Rawat (L-2018-F-01-D), Ph. D. student from Deptt. of Aquaculture, attended Training Program on "Aqua-clinics and Aqua-prenureship development program (AC & ADP)" organized at "Ornamental Fisheries & Training & Research Institute (OFTRI) Udaipur, Rajasthan from Jan 07, 2019 to Feb 3, 2019 sponsored by NFDB.
- Dr(s) Meera D Ansal, Vaneet Inder Kaur and Prabjeet Singh participated and presented research papers in "World Brackishwater Aquaculture conference" (BRAQCON) held at Central Institute of Brackish water Aquaculture (CIBA), Chennai from Jan 23-25, 2019.
- Dr. Sachin O. Khairnar participated in International conference on "Challenges and Opportunities for Sustainable Fisheries and Aquaculture Development" at College of Fisheries, Shirgaon, Ratnagiri, Maharashtra from Jan 17-20, 2019.
- Dr. Shanthanagouda AH participated in National conference on "Climate-Smart Aquaculture and Fisheries (CSAF)" organized by All India Congress of Zoology (31st AICZ) from January 15 to 16, 2019 at College of Fisheries, Central Agricultural University, Agartala, Tripura
- Dr. Ajeet Singh, Assistant Professor, College of Fisheries attended National training on "Post-harvest Management and Storage Techniques" at National Institute of Plant Health Management, Hyderabad from Jan 7-12, 2019.

## Dr. H S Banga joined as University Librarian



Dr. Harmanjit Singh Banga, joined as the University Librarian of GADVASU. A recipient of Commonwealth Scholarship for pursuing his PhD 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 is the Principal Investigator (PI) of one scheme and Co-PI of two schemes. He has 153 research publications to his credit out of which 30 are of International repute. He has guided 10 post-graduate students including 3 Ph.D. students. He was instrumental in bringing the Centre of Advanced Faculty Training (CAFT) in Veterinary Pathology.

## Dr. NK Sood retires from Veterinary Pathology

Dr. Naresh Kumar Sood retired from GADVASU after a meritorious service of 34 years. He guided 11 M.V.Sc. and three Ph.D. students. His specialization in clinical pathology and diagnostic was commendable. He attended more than 50 National and International conferences and was recipient of over 55 National and International awards. He did his Ph. D in Veterinary Pathology. He is a recipient of 'ICAR Best Teacher Award', 2016-17. He remained president of Dance, Drama and Music Club of GADVASU.



Dr. Sood being felicitated by officers at the farewell party

## Activities of KVKs

### Field day cum awareness programme

Krishi Vigyan Kendra (KVK) of GADVASU at Booh (Tarn Taran) organized a field day-cum-awareness programme under Cluster Frontline Demonstrations on Oilseed at village Jindawala, Tarn Taran. The aim of the programme was to make farmers aware about the processing and marketing of Canola sarson.




Awareness programme about processing and marketing

### Celebration of International Women's Day

KVK Mohali celebrated International Women's day at village Rattangarh Simbal. Dr. Yashwant Singh welcomed the women participants in the event and discussed about the importance of International Women's Day. He emphasized on the importance of education of girl child and to avoid gender biasness. He also focused upon the importance of Balanced diet and food pyramid in women's health.



Educating women on importance of balanced diet

### Field Day on Fish Farming

KVK, Barnala, organized a 'Field Day on Fish Farming' under the project "Demonstration of growth performance of improved fish varieties". More than 80 rural youth and fish farmers from 17 villages of Barnala participated in the field day. Participants were made aware about the integrated fish -cum-pig farming, types of cultivable fishes, scientific rearing and management of fish ponds as well as integration of fish farming with agriculture and livestock farming systems for efficient recycling of waste.




Field day on integrated fish-cum-pig farming

### Field Days on Happy seeder sown wheat

KVK, Tarn Taran organized Field Days on Happy seeder sown wheat at village Allowal and village Booh Havelian, wherein 30 and 70 farmers participated in the programme, respectively. The participants were informed about various activities of KVK and GADVASU and were encouraged to take trainings from KVK and university to adopt allied agricultural enterprises for better economic returns. The focus of the event was to stimulate sowing of wheat through Happy Seeder in view of its benefits.




Encouraging farmers to adopt allied agricultural

### Training on Dairy Farming

KVK Mohali organized 5 days vocational training on dairy farming in collaboration with Mahindra & Mahindra Ltd. Swaraj Division,

Mohali at village Hulka. Forty five farm women participated in this training. The participants were given lectures on importance of dairy farming in Punjab, balanced feeding, importance of mineral mixture, care and management of pregnant animal and common Diseases of dairy animals, fodder preservation, record keeping, value addition of milk, etc. They were also guided about the different schemes available in banks and animal insurance.



Highlighting importance of dairy ventures

## Skill Development Programme on 'Aquaculture Worker'

KVK Booh (Tarn Taran) organized 200 hours skill development training programme under the theme 'Aquaculture Worker' from 07.01.2019 to 31.01.2019 at KVK campus. Twenty trainees participated in the skill development programme and got benefitted. The farmers were motivated to adopt fish farming, development of aquaculture skills and were encouraged for agricultural entrepreneurship for diversification in livestock farming.




Honing agricultural skills at skill development programme

## Training on Bee-Keeping, Ornamental Fish-cum-Backyard Poultry Farming

KVK, Barnala organized one week training programme under RKVY scheme at Village Dhanaula Khurd on 'Bee-Keeping, Ornamental Fish-cum-Backyard Poultry Farming'. A total of 38 farmers and farm women participated in the training. The training aimed to encourage the economically weaker sections to adopt bee-keeping, ornamental fish farming, mushroom production, backyard poultry farming and goat and pig farming in scientific manner to supplement their income, vis-à-vis livelihood.

## Kisan Mela at KVKs

KVK, Tarn Taran organized farmers' fair under the theme 'Conservation Agriculture and Nutritional Security' at Armaan Haveli, Harike Pattan, District Tarn Taran. About 800 farmers along with college students and farm women participated in the event. The main focus of the show was laid on overcoming the menace of crop residue burning vis-à-vis soil, animal and human health. Panel of experts from various international and national organizations viz. Sabanci University, Istanbul Turkey, International Zinc Association, World Iodine Association, GADVASU, Punjab Agricultural University, Ludhiana etc. exchanged their research views with the farmers.

KVK Barnala organized Kisan Mela on the theme 'Resource Conservation for Sustainable Farming' under crop residue management project.




Awareness about overcoming menace of crop residue burning issues

## Vocational training on integrated farming system

KVK Mohali organized one week vocational training entitled 'Integrated farming system' under RKVY scheme at village Sahauran. Twenty farmers/farm women and rural youth took part in the programme.

## GADVASU won the Overall champions Trophy at Inter-Agri Unifest

GADVASU won the Overall champions Trophy at 19th All India Inter-Agri Unifest held at Sardarkrushinagar Dantiwada University, Gujrat from 3rd to 7th Feb, 2019. The Vice-Chancellor GADVASU, Dr. A. S. Nanda and Officers of the University congratulated the winning contingent and appreciated the students for their commendable achievement. A contingent of 22 students and seven accompanists participated in the 19th Inter-Agri Unifest held at Gujrat. More than 2000 students from 64 Agriculture and Veterinary Universities of the country participated in the Unifest, which was inaugurated by the Chief Minister of Gujrat, Sh. Vijay Rupani. Honourable Prime Minister Sh. Narendra Modi addressed the audience on the valedictory function and motivated the youth through video conferencing. The students won awards in 9 out of 18 events held in Gujarat and bagged overall Champions Trophy.




Winning contingent with the Vice-Chancellor and officers of the university

## 13th Annual Athletic meet of GADVASU

The 13th Annual Athletic meet of GADVASU was held on 13th March, 2019. Dr. A S Nanda, Vice-Chancellor, inaugurated the meet and shared that the university always promote the spirit of games amongst students to keep them healthy and in high spirit. Commissioner of Police, Ludhiana, Dr. Sukhchain Singh Gill (IPS), Chief Guest on the occasion, distributed the prizes to winners. About 225 students participated in the meet. A spectacular horse show was the attraction of the function. Stressing on significance of sports, Dr. Gill said that sports improve the health and confidence of students. It promotes good habits and inculcates better values in a person. Students from all constituent colleges of the university, viz. College of Veterinary Science, College of Fisheries, College of Dairy Science and Technology and School of Animal Biotechnology participated in the Athletic meet. In addition, students from Veterinary Polytechnic, Kaljharani (Bathinda) and Khalsa College of Veterinary and Animal Sciences, Amritsar also took part in the event.



Vice-Chancellor addressing the Athletes

## Blood Donation Camp

The NSS volunteers of GADVASU organised a Blood Donation Camp and 40 units of blood was donated. Dr. G S Grewal, Blood Transfusion Officer from Civil Hospital came with his team to organise the blood donation camp with a theme "Jan jan vich Sandesh pahunchao, saare desh nu tandrust banao". A special poster and placard making competition was also held. Students were encouraged to put in their best possible efforts in a friendly manner and become responsible citizens of the country.



Blood donation camp

## Students' placement

Milkfed, Punjab recruited 31 dairy and veterinary students of Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana as Assistant Manager (Management Trainees) in Procurement, Production, Quality Assurance and Animal Husbandry.