



News Letter



Karnataka Veterinary, Animal and Fisheries Science University Nandinagar PB.No.6, Bidar 585 401.

VOL -XII ISSUE-I &II

January to December, 2016

KVAFSU Scientist 'Wins Award'

From Vice-Chancellor's Desk



Dr. Dhoolappa M (second from right) and his team wins award in an **International Business Summit -2016** for their innovative concept of converting Chicken feather waste into High value products

"WASTE IS NOT A WASTE, IT HAS A VALUE!" Dr Dhoolappa M and team from Veterinary College Shivamogga bagged BZZWINGS-2016 prize and a grant of Rs. 20 lakhs from IIMB to develop chicken feather based products under the guidance of Prof. R.V. Prasad, Vice Chancellor of KVAFSU

The award was conferred to the team by the Chairman of Manipal Global Education Mr. Mohan Das Pai on the eve of **BZZWINGS-2016**, an open business plan competition as a part of international business summit 2016 held at Indian Institute of Management, Bengaluru on 24-09-2016.

The work was carried out at Veterinary College, Shivamogga under the guidance of Prof. R V Prasad, Hon'ble Acting Vice-Chancellor of Karnataka Veterinary Animal and Fisheries Sciences University Bidar. Mr. Mallik Arjun, a consulting podiatrist and Mr. Vijaya Simha S.K., a mechanical engineer were also the advisors for this project. The team is awarded with a grant of up to Rs. 20 lakhs along with the incubation facilities from NSRCEL of prestigious IIMB institute for commercialization of the products from poultry processing plants. The material developed can be regarded as bio-plastic which is biodegradable having multiple applications. The process is of first of its kind and a promising technology to convert waste to



Prof. R.V. Prasad

It gives me great pleasure to recognize that our University is progressing well in all its three major missions namely, Teaching, Research and Extension. Taking the queue from the ICAR's Farmer First concern, our University is making all efforts to empower the farmer with animal husbandry technologies. In this direction, our University has published 31 farmer literature books in Kannada highlighting most of the animal husbandry technologies which a farmer can easily understand and what's more each book is priced at only Rs. 20/-! so that a farmer can easily afford. I am happy to state that these books are in popular demand at all the centers of our university. Moreover, Hyderabad-Karnataka Area Development Board, Kalaburagi has placed an order for 38000 copies of the same for distribution among Gram Panchayat Libraries of six districts namely, Bidar, Kalaburagi, Yadgiri, Raichur, Ballari and Koppal. We are in the process of reprinting the same. It is gratifying to note that the farmer literature books are reaching the hands of farmers in remote villages of these districts.

I am also happy that our University has successfully organized a grand State Level Mathsya Mela-2016 during 4-6th March, 2016 at Mangaluru which was witnessed by nearly one lakh people. The exhibition showcased technologies of Shrimp farming, Cage culture, Commercial fish culture etc., by various central and state organizations. The star attraction of the event was the display of more than 100 attractive

wealth. This is also expected to reduce the problems associated with solid waste management as tons of feather wastes are generated every year by poultry industry.

Making good use of wastes is a challenging task. If the animal wastes can be reused, we can turn the waste into treasure. Tons of chicken feather waste is generated every year from chicken processing centres creating a serious solid waste management problem in many places including metropolitan cities. They have even provoked environmental issues on many occasions. Feathers have multiple potential uses, but are dumped in landfills. Hence, there is a need to convert many such solid wastes to useful high value added products.

Consequent to the ban on synthetic plastic based packaging materials; there are no proper alternatives to replace with. Manufacturers are finding it very difficult to find a biodegradable material as a substitute for synthetic plastics. Dr. Dhoolappa Melinamani, Dr. Sundareshan. S and team have been awarded prize and grant for their innovative concept of developing bio-polymer based material from feather wastes generated.

Contact: Dr. Dhoolappa, Melinamani, Mob: 9448160837, E-mail: drdsm2011@gmail.com.

From Vice Chancellor's

aquariums of both traditional and modern designs. During the fair, fabrication of nature aquariums was demonstrated by experts. An angling competition was also held for enthusiastic fish anglers at Pillikula Lake.

An Interface Meet between the Scientists of ICAR-Indian Veterinary Research Institute and Veterinary College, Bidar was organized with the Veterinary Officers of Department of Animal Husbandry from Bidar and adjoining districts of Karnataka State on 26th July, 2016 at Bidar. Our university organized an Animal Health Camp-cum-Kisan Goshthi in collaboration with IVRI, Pune; Krishi Vigyan Kendra; Reliance Foundation and Gurupadappa Nagamarapalli Foundation in Gadagi village of Bidar district of Karnataka on 27th July, 2016. More than 500 cattle were treated for various diseases including a surgery performed on the spot during the Animal Health Camp. On this occasion 30 progressive farmers in animal husbandry and dairy technology were also felicitated.

The pride of our University lies in the service extended to our farmers in the form of saving the lives of valuable animals through surgeries at all the campuses of our University. Another feather in our cap is the execution of World Bank aided KWDP-Sujala-III project in seven backward districts namely, Bidar, Kalaburagi, Yadgiri, Gadag, Chamrajnagar, Davanagere and Koppal through livestock support and extension activities in farmers' fields itself. These success stories are becoming the "Hot Spots" and are serving as the inspiration for other farmers to adapt. A series of training programmes on "Enrichment of Dry Fodder – Strategy for draught season" were organized at Animal Husbandry Polytechnic, Shiggaon to the needy dairy farmers, especially for Women Self Help Groups. In these training programmes, issues pertaining to importance of fodder management, effective utilization of dry fodder, chaffing of dry fodder, enrichment of poor quality dry fodder and feeding strategies during scarcity season.

More than 70 % expenditure in livestock farming is incurred on feed and fodder. Green fodder plays an important role in providing essential nutrients, enhance productivity and to reduce feed cost. In view of growing commercial crops, land available for grazing of animals and cultivation of fodder crops is reducing. In such situations, farmers can go for cultivating green fodder crops on their fields and bunds. Many farmers do not have knowledge about green fodder cultivation.

Keeping this point in mind, a green fodder nursery was established in Menasgi village (Ron taluk, Gadag district) on the field of Shri Harteppa Belavanaki under under "Sujala III, Watershed Development-Livestock Support and Extension Activities" project. In 20 guntas of area 10 varieties of different green fodder plots (SAT maize, Cofs-29 jowar, Sudan chari jowar, Hybrid Napier grass, Gini grass, G2 grass, Signal grass, Lucerne,

Cowpea, Velvet beans) has been established. Irrigation was done by flooding with borewell water at necessary intervals of about 15-20 days. Farm yard manure was applied at the rate of 3- 4 tonne per acre. Weeding was done by hand removal. This has triggered a lot of interest among farmers to grow green fodder in the area.

Training programme for Practicing Shepherds was organized at Veterinary College, Shivamogga which highlighted scientific steps to be taken as a

preventive measure to avoid incidence of diseases. As Sheep & Goat farming is highly profit oriented avocation, more and more farmers are coming forward.

Highlights of Sujala-III Project executed in farmers' fields

I am extremely happy to place on record that our University has successfully carried out Livestock Support and Extension activities in farmers' fields during 2016-17 and the same is being provided as highlights: 66 workshops on identified interventions on farm demonstrations, 8 summer management of buffaloes, 40 enrichment of dry fodder, 2 Development of silvipastures in common property resources, 2 Strategic feeding during scarcity (Unconventional feeds, low quality fodder), 4 Integrated sheep management, 19 Silage making by silo bags, 2 Scientific feeding practices in milch animals, 2 Feeding regime based on body condition score for monitoring reproductive cycle, 5 Support to downer cow animals by means of mobile animal lift cum travis, 5 Stall fed goat rearing, 10 Integration of fodder and fodder trees in horticulture crops and farm ponds (Livestock with horticulture), 14 On farm trials in goats during transition period, 46 Detection and control of sub-clinical mastitis, 24 Supplementation of trace minerals in high yielding cross breed cows, 2 Supplementary feeding during late pregnancy in dairy animals, 16 Establishment of fodder nurseries (Minimum of 5 varieties in 2 guntas each), 2 Establishment of rural hatchery unit, 2 Wool cording, 100 Introduction of Rams/Bucks and 4 Value addition of milk – preparation of milk products.

As far as fisheries activities are concerned 10 Composite Fish culture with different species combination, 9 Two species culture, 1 Validation of culture technology for Nile tilapia, 5 Integrated fish farming with livestock and horticulture, 10 Introduction of new species of Amur common carp, 2 Poultry cum fish farming, 4 Poly culture with fish and prawn and 4 Nile tilapia in cement tanks have been successfully carried out.

Hope that more and more such farmer oriented extension programmes and research activities will be undertaken in the coming days to solve the burning issues of the Animal Husbandry, Dairy and Fisheries Sectors.



Sd/-
(R.V. Prasad)
Vice-Chancellor

03

Editorial



Dr. S.M. Shivaprakasha

I am very happy that these days many are openly expressing anguish over the second class treatment being meted out to extension education in the country. Much has been spoken about its importance especially in agriculture and animal husbandry sectors. So far as recent developments in Karnataka are concerned, programmes such as Sujala Phase-III, Rashtriya Krishi Vikas Yojana (RKVY), ATMA Schemes, Watershed Development Programmes, activities initiated by Agriculture Skill Council of India etc. are the pointers to suggest that it augurs well! Agricultural Universities are currently engaged passionately in all these components. Many more such well conceived programmes are the need of the hour to help farmers to adapt new technologies to improve their economic conditions.

Our Karnataka Veterinary, Animal & Fisheries Sciences University, Bidar, for instance, has embarked on some of the meaningful programmes by allocating reasonably good sum of funds from agencies such as ICAR, NFDB, KVC, State Government Funds (garnered through persistent follow up) to all our Research & Information Centers, Colleges, Institutions, Extension Education Centers of our University to carry out 1. Training to farmers and veterinary field officers, 2. Field demonstrations, 3. Field days, 4. Farmer-Scientist meets, 5. Animal Health Camps at villages, 6. Krishi-Horti-Pashu & Matsya Melas, 7. Workshops to update technical knowledge and latest skills, 8. Exposure visits, 9. Model Training Programmes, 10. Radio & TV Programmes, 11. Farmer field schools, 12. Entrepreneurs day and job melas, 13. Publication of farmer literature etc.

continued ...

After the successful publication of 31 farmer literature books on Animal Husbandry, Dairy and Fisheries technologies under 'Technology into the hands of farmers' series by our Directorate, I am happy to state that we are poised to bring out 25 more publications this year containing exclusively the "success stories" of farmers.

Thus, in our own humble way, we are encouraging our scientists to engage in more and more extension programmes aimed at increasing the income of farmers through animal husbandry intervention. As the saying goes, "World rejoices when farmer smiles!". Our endeavor also is to bring smiles on farmers through extension service. Dissemination of technologies through field demonstrations in farmers' field helped us to easily convince farmers to adapt the technologies.

As an icing on the cake, here is what Nobel Laureate, Dr. Switzer has said "Do you say that example is the main thing that influences, No, it is the only thing influences". Hence, all our efforts in extension should be aimed at demonstrating the efficacy of the technology in the field for the benefit of farmers who will adapt the same later in their fields after seeing its success. Yes, setting an example of success in the field is the first step for farmers to adapt it.



Dr. S.M. Shivaprakasha
Director of Extension

Activities of Directorate of Extension Jan-June-2016

□ A training programme on "Identification and Management in Livestock" organized at Veterinary College, Bidar during 1st to 3rd February, 2016 for the 35 Veterinary Officers. The training was sponsored by ATMA, SAMETI (N), UAS, Dharwad. Dr. D. Dilipkumar, ADE, Bidar Campus was the Course Director.



**Inauguration of Training
by DIPGS**

**Field Visit to Dairy
Farm by Trainees**



Group Photograph of 35 VO's Along with Dean & DE

□ The Directorate of Extension, KVAFSU, Bidar organized a National Level Fisheries Exhibition in collaboration with Department of Fisheries, Bengaluru and NFDB, Hyderabad at Mangaluru during 4th To 6th March, 2016.

Activities of Directorate of Extension July-Dec-2016

□ The Directorate of Extension, KVAFSU, Bidar hosted a State Level "12th Kannada Science Congress" during 15-17th September, 2016 at Karnataka Veterinary and Fisheries Sciences University (KVAFSU), Nandinagar, Bidar. About 200 delegates from all over the state took part in that conference.

□ Interface Meet of Scientists and Veterinary Officers at Veterinary College, Bidar: An interface meet of Scientists and Veterinary Officers was organized at Veterinary College, Bidar on 26th July, 2016 in which about 10 scientists of ICAR-IVRI, Izatnagar; IVRI, Pune; IVRI, Bengaluru, Scientists of KVAFSU, Bidar interacted with about 80 Veterinary Officers of AH&VS. The programme was coordinated by the Directorate of Extension, KVAFSU, Bidar

□ Interaction of Scientists with Farmers and Animal Health Camp organized : A farmer-scientist interaction programme and animal health camp was organized at Gadgi Village on 27th July, 2016 in which about 10 scientists of ICAR-IVRI, Izatnagar; IVRI, Pune; IVRI, Bengaluru, Scientists of KVAFSU, Bidar interacted with about 300 farmers of Bidar district. The progressive farmers in Bidar District were felicitated. The clinicians of Veterinary College, Bidar treated and vaccinated more than 800 animals during the animal health camp. The programme was coordinated by the Directorate of Extension, KVAFSU, Bidar.

Inauguration of Veterinary College, Hassan, Main Campus & Hospital buildings

Sri Siddharamaiah, Hon'ble Chief Minister, Government of Karnataka, formally inaugurated the I & II Phase civil works of Veterinary College, Hassan and laid foundation stone for III Phase of civil works on 07-01-2016. The main civil works included Main building and Hospital Building at Gokula Campus, Vidyanagar, Hassan. Sri H.D. Devegowda, Hon'ble Former Prime Minister and MP, Hassan, Sri A. Manju, Hon'ble Minister for AH & Fisheries, Dr. H.C. Mahadevprasad, Hon'ble Minister for PWD, Sri Marithibbegowda, Hon'ble Deputy Speaker, Vidhana Parishath, Dr. C. Renukaprasad, Vice Chancellor, KVAFSU and other graced the occasion. Sri. H.S. Prakash, MLA, Hassan presided over the function.



Sri. A. Manju, Hon'ble Minister for AH & Fisheries formally opening the Hospital Complex at Veterinary College Campus Hassan. Dr. Dharmappa, Dr Renukaprasad, Dr Channapagouda, Dr. M.S. Vasanth & other present.

“Culture of Responsibility” – Workshop

A Two day International Train the Trainers Workshop on “Culture of Responsibility” was organized at Veterinary College, Hebbal, Bengaluru by Department of Veterinary Public Health and Epidemiology, Veterinary College, Bengaluru in association with American Society for Microbiology (ASM) and Society for Biosafety (SBS), India during 15-16th February, 2016.

This workshop was attended by Medical Academicians, Medical Microbiologists, Veterinarians, Public Health Veterinarians and Veterinary Microbiologists from Kerala, Tamil Nadu and Karnataka. A total of 36 participants have participated got benefited from this workshop.

'Culture of Responsibility' workshop was inaugurated by Dr. C. Renukaprasad, Hon'ble Vice-Chancellor Karnataka Veterinary Animal and Fisheries Sciences University, Bidar on 15th February, 2016 at 10.00 am. Prof. S. Yathiraj, Dean, Veterinary College, Bengaluru and Chairman of this Workshop and faculty members of the college, Scientists from Institute of Animal Health and Veterinary Biologicals, Hebbal, Bengaluru graced the occasion.

During Two days of Workshop, the resource faculty from American Society for Microbiology (ASM) Ms. Janelle Winters, Programme Specialist and Dr. Harshad Murugkar, Principal Scientist and Biosafety Officer, ICAR-National Institute of High Security Animal Disease, Bhopal and Secretary, Society for Biosafety, India were enlighten the participants about the importance of Biosafety, Biosecurity and Responsible Conduct of Research in Medical and Veterinary Institutions. India is in the process of establishing a chain of containment laboratories under human and animal health sectors. However, only a few are exposed to biosafety norms that are important in day-to-day working with high risk pathogens and operation of biosafety laboratories. In addition to bio-containment laboratories, the concept of biosafety needs to be extended to each and every establishment that handles infectious pathogens.

The workshop was concluded on 16th February, 2016 at 4.00 pm with distribution of participation certificates to all the participants of this workshop by Prof. S. Yathiraj, Dean, Veterinary College, Hebbal, Bengaluru and Dr. Leena, G., Organizing Secretary of Culture of Responsibility - Workshop and Associate Professor & Head, Department of Veterinary Public Health and Epidemiology, Veterinary College, Bengaluru proposed the vote of thanks.



Release of American Society for Microbiology, Culture of Responsibility Workshop Trainer's Manual by Dr. C. Renukprasad, Hon'ble Vice-Chancellor, KVAFSU, Bidar



Interaction of participants with the resource faculty during the workshop



Dr. R.K. Singh, Director-cum-Vice Chancellor, ICAR-IVRI, Bareilly in his address emphasized that the individual project in OPZD should aim to reduce zoonotic outbreaks in animal-human interface and stress should be given for early detection of emerging pathogens due to climate change and rapid urbanization. Dr. Ashok Kumar, ADG (Animal Health), ICAR, New Delhi talked about the commitment made by ICAR in studies on communicable diseases in one health perspective. Dr. B.P. Mishra, Joint Director (Research), ICAR-IVRI, Bareilly and Project Coordinator apprized about the ongoing research projects under OPZD and briefed about their achievements. Prof. S. Yathiraj, Dean, Veterinary College, Bengaluru in his presidential address emphasized that the output of the project should be used as tools to mitigate the issues on early diagnosis, control and containment of zoonotic diseases. More than 30 delegates, from different ICAR and ICMR institutes, Agriculture and Veterinary Universities across the country, participated in the two days annual review meeting.

Annual Review meeting of ICAR-Outreach Programme on Zoonotic Diseases (OPZD) (17-18th June 2016)

Two Days Annual Review meeting of ICAR-Outreach Programme on Zoonotic Diseases (OPZD) was organized by Dept of Veterinary Public Health, Veterinary College, Bengaluru on 17th to 18th June 2016.

Annual Review meeting of ICAR-Outreach Programme on Zoonotic Diseases (OPZD) was inaugurated at Veterinary College, Bengaluru on 17th June, 2016. A total of 18 collaborating units are operational on 21 zoonotic diseases across the country and being coordinated by ICAR-IVRI, Izatnagar, Bareilly.



'VETFEST-2016'-An Inter-college Cultural Competition

'Vet Fest 2016' - An inter college cultural competition was organized by Veterinary College, Hassan on 22nd Feb 2016 at 'Gokula' campus. Prof. Vasanth, M. S., Dean, Veterinary College, Hassan presided the inaugural function. Dr. Karisiddappa, the then Principal of Govt. Engineering College and the present Vice Chancellor of Vishweshwaraiah Technical University and Sri H.P. Mohan, President of Red Cross and Professor Dr. Placid E. D'souza were the chief guests for the function. The organizing secretary of the function was Dr. H.S. Madhusudhan, Assistant Professor, Dept. of Animal Nutrition. The function was co-ordinated by

Dr. Jayashree, R., Student Staff Advisor and Student Representative, Mr. Sadath Pasha. Vet Fest-2016 had a colorful valedictory function with the presence of Cine actors Sri Nirup Bandhari and Sri Sudhakar Saja. Students from more than 14 colleges participated in various competitions such as solo dance, solo song, group dance, painting, debate, elocution, fashion show, etc. Malnad College of Engineering bagged the overall championship.



Prof. M.S. Vasanth, Dean, Veterinary College, Hassan with Nirup Bhandhari and other Participants of Vet Fest-2016

All India Inter-Agricultural University Sports and Games 2015-16 held during 22nd to 26th February, 2016 at Tamil Nadu Agricultural University, Coimbatore.

The following students from Fisheries College, mangaluru represented KVAFSU, Bidar

Sl. No	Name	Class	Events / Achievements
1	Abhishek H K	III BFSc	Kho-Kho
2	Abishek B.	III BFSc	Athletics
3	Jeevan T. M.	III BFSc	Badminton
4	Vishal R. K.	III BFSc	Volleyball
5	Sahana S.S.	II BFSc	Volleyball
6	Punith M.Y.	I BFSc	Kabaddi
7	Amogha, K. R.	Jr. MFSc	Volleyball
8	PramodSuvarna	Jr. MFSc	Volleyball



Mr. Abishek, B., III BFSc, College of Fisheries, Mangaluru won silver medal in 110 m Hurdles in All India Inter-Agricultural University Sports and Games 2015-16 held during 22nd to 26th February, 2016 at Tamil Nadu Agricultural University, Coimbatore.

Training programme on "Importance of Clean Milk Production"

A 3 days farmers training programme regarding "Importance of Clean Milk Production" was conducted from 13.02.2016 to 15.02.2016 by the Department of Dairy Microbiology as an activity under Extension work of the university, Miss. Malashree L being the training co-ordinator and Miss. BasavaBharati as assistant co-ordinator for the event.

The morning session of day-1 of training programme was started with the registration of participants following inauguration by Dr. Dilip Kumar, Associate Director of Extension, KVAFSU, Bidar. After the inauguration a talk on "Brief introduction about activities of clean milk production in India" by Dr. D. B. Puranik and later on "Present quality checking of Milk in India" by Mr. Rajanna M in the afternoon.

The next day on 14.02.2016 in morning session was started with talk on "Sources of contamination in milk" by Miss. BasavaBharati and practicals on "Examination of sources of contamination in milk" by Miss Malashree L. After the refreshment a talk was given by Miss Malashree L on "Quality checking of milk and milk products". The session was continued by Miss BasavaBharati who gave talk regarding "Production of fermented milk products".

Afternoon session of day-2 was planned for the practicals regarding "Preparation of different fermented milk products" that was assisted by Miss BasavaBharati.

The session on last day of the training programme on 15.02.2016 was started by Miss Malashree L who gave talk on "Clean Milk Production". Following the talk Valedictory Programme was continued, Mr Rajanna M being the chief guest.

The training programme was successful to enlighten farmers regarding the present status of Indian milk industry, the quality of milk, various tests conducted to grade milk, sources which add microorganisms to milk, preservation of milk

by converting it into various products through different methods including fermentation. In addition to provide knowledge regarding milk and its quality the programme was successful to teach the farmers steps followed for clean milk production. It also provided a CMP kit to attain clean milk at their farm.



Inauguration of Training programme on "Importance of Clean Milk Production" Dr. Dilip Kumar, D., Associate Director of Extension, KVAFSU, Bidar

National Matsya Mela-2016

National Matsya mela was held at the T.M.A. Pai hall, College of Fisheries, Mangaluru from 4th March to 6th 2016. Fisheries Research and Information Center (I), Hesaraghatta, Bengaluru, participated in the Mathsyia Mela and exhibited a stall depicting Inland aquaculture and ornamental fishes. A team of scientists, lead by Dr. Y. Basavaraju, Associate Director of Research and Dr. Manjappa, N., Assistant Professor participated in the Mathsyia Mela and information on various fish culture practices including poultry cum fish culture, polyculture and seed availability was provided to the farmers. The exhibit attracted a large crowd in the mela.



Honourable Vice-Chancellor Dr. C. Renukprasad visited the stall



The exhibits attracted a large crowd at the Mela **Fresher's Day**

Freshers' day was organised at Veterinary College, Hassan by II B.V.Sc students to welcome the Freshers on 3rd March, 2016. Mrs Janaki, Additional District Commissioner, Hassan, inaugurated the program. Dr. Shobha Rani, Deputy Superintendent of Police, Hassan was the Chief guest of the function. The program was presided over by Dr. M.S. Vasanth, Dean, Veterinary College Hassan. Fresher's were welcomed by the II BVSc students with a brief introduction and the program was co-ordinated by the class representative Mr. Sudharshan. The program ended by the cultural performance of the students of Veterinary College, Hassan.

Training programme on "Importance of milk quality and it's challenges"

Unit of Karnataka Veterinary, Animal and Fisheries Sciences University-Bidar, Dairy Science College, kalaburagi has conducted a 3 days Farmers' Training Programme i.e., "IMPORTANCE OF MILK QUALITY AND IT'S CHALLENGES" held on 03-02-2016 to 05-02-2016 by Mr. Rajanna M, Training Co-ordinator and Kumari Priyanka, Assistant Training Co-ordinator, Department of Dairy Chemistry, Dairy Science College-Kalaburagi during the year 2015-16 as an activity under Extension Work of the University. on day 1, training programme was started with the registration of participants . After this at 10.00 am inaugural function was started. Inaguration was done by Dr. S. M. Shivaprakasha, Director of Extension, KVAFSU-Bidar. And Chief Guest was Dr. Bukka Mallikarjun. After this a talk was delivered by Dr. D. B. Puranik on the topic of Milk and It's Importance. Afternoon session a talk was given by Dr. Vedamurthy K. B. on the topic of Importance of Milk Producers' Co-operative Society's.

on day 2, morning session was started at 9.30 am with talk on Importance of Milk Quality Under Food Safety Standards by Mr. Rajanna M. After this another talk on Microbiological Quality of Milk and its Control by Kumari Basavabharathi. After this started with Practicals by Kumari Priyanka. Afternoon session was also started with talk on Chemical Quality of Milk, Adulteration and its determination of Adulterants by Mr. Rajanna M. after this Practicals by Kumari Priyanka.

on day 3, morning session was started with talk on Clean Milk Production by Kumari Malashree L. After this another talk on Milk Products preparation and its Demonstration by Dr. Sharangouda B.

Afternoon session was Valedictory Programme for this Programme Chief Guest was Mr. Jiya ulla, Assistant Manager, GUMUL, Kalaburagi. Distributed milk pails and certificates to all trainees.

Dr. Renuka Prasad, Hon'ble Vice-Chancellor, KVAFSU, Bidar graced the occasion during Valedictory programme and distributed the certificates to the participants. The programme was coordinated by Assistant Professors-Dr. Prakashkumar Rathod and Dr. Anant Rao Desai.



Training programme on "Scientific Goat Farming"

A training programme on "Scientific Goat Farming" was organized at Extension Education Center, Veterinary College, Bidar during 18-20th January, 2016 in which 45 farmers participated. The programme was inaugurated by Dr. S. M. Shivaprakash, Director of Extension, KVAFSU, Bidar and was presided over by Dr. B.V. Shivaprakash, Dean, Veterinary College, Bidar. The programme was coordinated by Assistant Professors-Dr. Prakashkumar Rathod and Dr. Anant Rao Desai.

Demonstration on 'Dry Fodder Enrichment'

Extension Education Center, Bidar organized a demonstration on 'Dry Fodder Enrichment' at Kanganakot Village on 14th January, 2016. Dr. B.V. Shivaprakash, Dean, Veterinary College, Bidar, explained the importance of scientific practices and feeding in livestock farming. The Assistant Professors-Dr. Prakashkumar Rathod, Dr. Jayashankar and Dr. Anant Rao Desai, participated in the programme. About 80 farmers participated in the programme.



Training programme on "Scientific Dairy Farming"

A training programme on "Scientific Dairy Farming" was organized at Extension Education Center, Veterinary College, Bidar during 04-06th February, 2016 in which 45 farmers participated. The programme was inaugurated by Mr. Mallikarjuna Ligade, Comptroller, KVAFSU, Bidar and was presided over by Dr. B.V. Shivaprakash, Dean, Veterinary College, Bidar.



Demonstration on 'Integrated Farming System'

Extension Education Center, Bidar organized a field visit and demonstration on 'Integrated Farming System' on 13th January, 2016. The Assistant Professors-Dr. Prakashkumar Rathod, and Dr. Anant Rao Desai. participated in the programme. A total of 32 farmers participated in the programme.



Ration Balancing Programmes organised:

Training programmes on 'Ration Balancing' was organized at Veterinary College, Hassan in the collaboration with Karnataka Milk Federation, Hassan. Three training programmes of ten days duration were conducted between January to June, 2016. 73 Field Level Local Resource Persons were trained under the programme.



Prof. M.S. Vasanth, Dean Veterinary College, Hassan inaugurating RBP training

First prize for drama in Inter Agri-Unifest 2015-16

Students of Veterinary College, Hassan, namely, Ms Ashwini, Mr Kiran, Ms Shravya and Mr Prakash participated in the Agri-unifest 2015-16 held at Orissa Agricultural University on Feb., 1st to 4th 2016. Thirty five Agricultural Universities from all over India participated in the event. The drama enacted by KVAFSU team in which the HVC students acted in lead role bagged first prize and added cheer to the event.

Inter University Debate competition

Mr Sadath Pasha, IV B.V.Sc & AH student of Veterinary College, Hassan, won second place and was awarded with cash prize and certificate for his representation in the Inter-University Debate competition organised by the Co-operative department where in 84 Universities participated. The event was organised at University of Agricultural Sciences, Dharwad on Feb., 10th 2016.

Farmer- Scientist Interaction

Farmer- Scientist Interaction was organized on 29th January 2016 at Administrative Office of KVAFSU, Bidar to review the extension activities of the university by the University Review Commission, Government of Karnataka. A total of 18 farmers participated in the meet and expressed their happiness about the functioning of university for the benefit of farming community.



Training programme on "Scientific Dairy Farming"

A training programme on "Scientific Dairy Farming" was organized at Extension Education Center, Veterinary College, Bidar in collaboration with Bapuji Rural Development Institute, Bidar on 2nd June, 2016 in which 40 farmers participated. The programme was inaugurated by Dr. S. M. Shivaprakash, Director of Extension, KVAFSU, Bidar and was presided over by Dr. B.V. Shivaprakash, Dean, Veterinary College, Bidar. The programme was coordinated by Assistant Professors-Dr. Prakashkumar Rathod and Dr. Anant Rao Desai.



Training programme "Wild animal tranquilization"

Institute of Wildlife Veterinary Research, Doddaluvara conducted one-day Training programme "Wild animal tranquilization" to the officers of Dept. of AH&VS on 22nd January, 2016 for the veterinary officers of AH & VS, Karnataka. The program was conducted to commemorate decenary year of KVAFSU, Bidar.



Demonstration of loading of syringe with drug to be used for dart gun/ blow pipe.

One-day workshop on "Chemical immobilization of wild animals"

Institute of Wildlife Veterinary Research, Doddaluvara conducted one-day workshop on "Chemical immobilization of wild animals" on 23rd January, 2016 for the veterinary officers of AH & VS, Karnataka. The program was conducted to commemorate decenary year of KVAFSU, Bidar.



Participants practicing the loading syringe to use in dart gun or blow pipe.

Training programme on "Biology, behaviour and Management of snakes"

Institute of Wildlife Veterinary Research, Doddaluvara conducted one day training programme on "Biology, behaviour and Management of snakes" to the teaching staff of KVAFSU, Bidar in two batches on 19-2-2016 and 20-2-2016 at Wildlife Hospital, People for Animals, Uttarahalli, Bengaluru.



Workshop on "Veterinary aspects of Wild animals"

Institute of Wildlife Veterinary Research, Doddaluvara conducted one day workshop on "Veterinary aspects of Wild animals" to the staff of Dept. of Forest, Kodagu District on 26-2-2016. The program was conducted to commemorate decenary year of KVAFSU, Bidar.



Explaining to the staff of Dept. of Forest on the use of restraining equipments in wildlife

Inter-Collegiate Debate Competition

Karnataka State Co-operative Federation Limited, Bengaluru sponsored Inter-Collegiate Debate Competition was held on 30.01.2016. Mr. Sharath Joshi of Veterinary College, Bidar and Mr. Shadat Pasha of Veterinary College, Hassan won first and second prize respectively. These winners represented the KVAFSU, Bidar in the state level debate competition as a team held at University of Agricultural Sciences, Dharwad and bagged third prize.

NSS Annual Special Camp of Veterinary College, Bidar

The NSS Units of Veterinary College, Bidar organized "NSS Annual Special Camp" at Kangankot Village of Bidar Taluka between 10th -16th March, 2016 with a theme on "Swachh Gram-Swasth Gram". This annual special camp was inaugurated by Dr. C.S.Patil,

Registrar (Evaluation) of Gulbarga University, Kalaburgi on 10-03-2016. Hon'ble Vice-Chancellor of the university Prof. C. Renukprasad and Dr. B.V.Shivaprakash, camp director and Dean of the college graced the occasion. In this 7 days camp, around 115 NSS volunteers along with selected local youth volunteers involved in various constructive activities like Shramadana, awareness jatha on cleanliness, etc. Volunteers were given exposure about village culture, institution and socio-economic status through interaction with villagers and field level officers. Further one day animal health camp was organized by clinical departments of college and every day evening various expert lectures were scheduled for the benefit of villagers and volunteers. The annual special camp ended with valedictory programme organized on 15-03-2016. Dr Yashwantkumar, DSW, KVAFSU, Bidar graced the occasion and shared the views with villagers. Dr. Shrikant Kulkarni, Dr. Vinay P Tikare and Dr. Anantarao Desai were the camp officers.

Doberman, Great Dane, German Shepherd, Labrador, Pomeranian, etc, took part in the show. Dr. Renuka Prasad, Vice Chancellor, KVAFSU, and Sri. H.S. Prakash, MLA, Hassan constituency inaugurated the show. Dr Dharmappa, Deputy Director, Dr Mohan Das, Assistant Director, Dept. of AH & VS, Dr Ansar Kamran, Dr. Placid E D'Souza and other graced the occasion. Dr. M.S. Vasanth, Dean, Veterinary College, Hassan presided the function. The team lead by Dr Kamran and Dr. D.R. Manjunatha organised the event successfully to the appreciation of the participants and public.



Shri. H.S. Prakash, MLA Hassan and R. Renuka Prasad, VC(KVAFSU) inaugurating Dog Show at Hassan Veterinary College Hassan
Dr. B. R. Ambedkar Jayanti

Dr. B. R. Ambedkar Jayanti was celebrated on 14-04-2016 at Veterinary College, Bidar. Shri Shivasharanappa Huggipatil, Professor, Dept. of Chemistry, Akkamahadevi Women's College, Bidar and Shri. Sharanappa Mithare, President, Jilla Basava Kendra, Bidar participated in the programme as guests of speakers. The Hon'ble Vice Chancellor, Board Members, University officers, staff and students actively participated in this programme.



Dog Show at Hassan

Dog show was organized at Gokula Campus, Veterinary College, Hassan in collaboration with Hassan Kennel Club, Lions, Lioness and Lio club, Hassan on 20-03-2016. Around 100 dog owners participated in the show. Good number of canine breeds stole the show. Breeds such as Boxer, Bulldog,



Basava Jayanti

Sri Basaweshwar Jayanti was celebrated on 09.05.2016 at Veterinary College, Bidar. Poojya Sharana Siddram Beldar inaugurated 883rd Jayanti along with other guests. Shri. Channabasava Hede, Principal, Morarji School, Kamathana was the special invitee and he spoke on the principles of Basaveshwar in detail. All the university officers, staff and students actively participated in this programme. Dr. B.V.Shivaprakash, Dean of Veterinary College, Bidar presided over the function.



World Yoga Day-2016

World Yoga Day was celebrated on 21st June, 2016. Sri Narayana Swamy Guruji, President, Shri Satya Sai Saraswati Education Trust, Kittur delivered lecture on importance of yoga and also trained the staff and students of the college with some basic yoga asanas. Dr. C Renukprasad, Hon'ble Vice Chancellor graced the occasion along with other university officials.



Infertility camp at Halekoppalu village

Infertility camp was organized by Veterinary College, Hassan at adopted village, Halekoppalu, Hassan taluk on 16-03-2016. About 55 infertility cases were treated. Prof. A. Sahadev led the team of doctors and students in conduct of the camp successfully.



Dr. A. Sahadev, Head, Dept of VOG, Veterinary College, Hassan examining infertile cow

World Veterinary Day-2016

World Veterinary Day was celebrated on 30th April, 2016. On this occasion free anti-rabies vaccination camp was organized in which about 50 dogs were vaccinated. A technical seminar on "Zoonotic Diseases" by Prof. Pallavi Kesari, Professor and Head, Dept. of Community Medicine, Bidar Institute of Medical Science was held on this occasion.

"International Day of Yoga"

On the occasion of the "International Day of Yoga" which is celebrated on 21st June, throughout the world, College of Fisheries, Mangaluru in association with the Patanjali Yoga Peeta, Haridwar organized a free yoga camp from 15 – 21st June, 2016 in the College Auditorium. Sri. Govindaraya Prabhu, certified yoga trainer from the Patanjali Yoga Peeta, Haridwar was the yoga trainer.

The yoga camp was inaugurated on 15th June, 2016 at 4.30 PM in the College Auditorium by Sri. Govindaraya Prabhu and Dean Incharge Dr. S. Benakappa presided over the function. During his inaugural address he emphasized the benefits of yoga in maintaining health at minimum cost for ailments such as headaches and pains and keeps sickness at bay. All together there were 15 participants including staff and students.

Different yoga asanas were taught like surya namaskar, bhujangasana, pavanamuktasana, sethubandaasana, padahastasana, trikonasana, tadasana, utkatasana, vajrasana, vrikshasana, shavasana, kapalbhathi etc were taught in the practical sessions.

Valedictory function was organized on 21st June, at 5.30 PM in the College Auditorium. Dean Dr. K. M. Shankar presided over the function.



Dr. R. D. Nanjiah Centenary Celebration

As part of Dr. R. D. Nanjiah Centenary Celebration, series of lectures were conducted at veterinary College, Bidar. Eminent personality's viz., Dr. Srinivas Kaveri from French Institute of Health and Medical Research, Paris, Dr. Chandrashekar Pasare from University of Texas, delivered the lectures for staff and students.

As part of Dr. R. D. Nanjiah Centenary Celebration, series of lectures were conducted at Veterinary College, Bidar. Dr. Ramanagouda Patil, Asst. General Manager, Sri Venkateshwar Hatcheries, Hubli delivered the lecture for the staff and students of Veterinary College, Bidar on 26-02-2016.

As part of Dr. R. D. Nanjiah Centenary Celebration, series of lectures were conducted at Veterinary College, Bidar.

Dr. C.R Chandrashekar, Eminent Medical Scientist and expert from national Institute of mental and Neurosciences, Bengaluru delivered a lecture on 16th June 2016 on Stress Management for the staff and students of Veterinary College, Bidar and university.



Scientific sheep and goat production training

Extension Education Centre, Veterinary College, Hassan was organized training programme on Scientific Sheep and Goat Production for the benefit of the farmers between 10-03-2016 to 12-03-2016. Total of 73 interested participants from nearby districts like Hassan, Chikkamagalur and Tumkur had participated in the training. Dr. M.S. Vasanth, Dean, Veterinary College, Hassan, presided over the function.



Prof. M.S. Vasanth, Dean Veterinary College, Hassan releasing training manual

Training on Scientific Rabbit Farming

Training programme for farmers/women/rural youths on 'Scientific Rabbit Farming' was organized at Extension Education Centre, Veterinary College, Hassan between 17-03-2016 to 19-03-16. 34 farmers participated in the training. Dr. M.C. Shivakumar, Head, ILFC presided over the function.

Improved Dairy Farming Training for farmers

Extension Education Centre and Department of Instructional Livestock Farm Complex, Veterinary College, Hassan conducted training programme for the livestock farmers on improved dairy farming from 28-03-2016 to 30-03-2016. Thirty farmers participated in the training. Dr. M.C. Shivakumar, Head, ILFC presided over the function.

Training programme on Aquatic Medicine

The Government of India, Ministry of Agriculture and ICAR have strongly felt the need and the importance of training on drug application in aquaculture. With this regard, training programme on Aquatic Medicine for fisheries professionals in the country was initiated at College of Fisheries, Mangaluru with the funding support from National Fisheries Development Board, Hyderabad. The training programme was inaugurated by Dr.M.Shantharam Shetty, Pro-Chancellor (Hospital Management and Medical PG), NITTE University, Mangaluru. With Dr.K.M.Shankar as the Course Director and Dr.Ashok Kumar K. as the Course Co-Director, the training programme was successfully conducted from 8th February, 2016 to 22nd February, 2016 at College of Fisheries, Mangaluru. Fisheries professionals deputed from all over the country attended this training programme.



Workshop on "Fish Processing"

A two day workshop on "Fish Processing" was jointly organized for the postgraduate students by Karnataka Science and Technology Academy, GOK and ICAR-All India Coordinated Research Project on Post-Harvest Engineering and Technology, Dept. of Fish Processing Technology, College of Fisheries, Mangalore KVAFSU (B), During 24-25th Feb., 2016.



"Swatch Bharath" Campaign

"Swatch Bharath" Campaign in association with NSS & ICAR-AICRP on PHET, Department of Fish Processing Technology, College of Fisheries, KVAFSU (B), was conducted on 10th March, 2016.



Transfer of technology of "Dried Masala coated Anchovies using Solar Drier"

The Deputy General Manager, Vijaya Bank, Mangaluru transferring the technology of "Dried Masala coated Anchovies using Solar Drier" to the Aqua Bounty group, Udupi District, Karnataka during a training programme jointly organized by Vijaya bank & AICRP on PHET, College of Fisheries, Mangaluru on 29-04-2016.



Technology for the production of silage using seafood industry waste for animal feed

Management of fish processing waste is a difficult task, which will create environmental pollution and health hazards. The Department of fish Processing Technology has developed a process for the utilization of fish processing waste as a useful product. The fish processing waste contains lot of essential proteins and minerals which is converted to silage and then in to poultry feed. The Feed conversion efficiency (1.60) is very good and comparable to that of commercially available poultry feeds and the cost of production is also comparatively low. The "KVAFSU Ocean Poultry Feed" is devoid of chemical preservatives and other harmful additives. The storage stability of this feed is as good as commercial feed.

Entrepreneurship training programme on poultry production

Department of Instructional Livestock Farm Complex, Veterinary College, Hassan in collaboration with Central Poultry Development Organization and Training Institute (CPDO & TI) Bengaluru organized six days skill based training programmes between 02-05-2016 to 07-05-2016 at Gokula Campus, Hassan. Sixty One progressive farmers & entrepreneurs participated in the training programme with the aim to establish commercial poultry units. Dr M.S. Vasanth, inaugurated the function. Dr. Krishnan, Dr. Shivakumar and Sri Annappa Shettar, Progressive Poultry farmer graced the occasion.



Prof. M.S. Vasanth, Dean Veterinary College, Hassan releasing poultry training manual

Academic and Administrative trainings

Various Academic and Administrative trainings were organized for the SC/ST teaching staff under SCP-TSP grant of Government of India during January to March at Veterinary College, Bidar and also in other campuses and institutes. The different trainings included effective teaching, teaching methodologies, research report writing, stress management, emotional intelligence etc for the faculty. Further, five days coaching classes for preparation to competitive examinations like UPSC/KPSC was organized in January, 2016.



University Review Commission

University Review Commission nominated by Government of Karnataka comprised of Dr. M. Mahadevappa, Dr. Muniyamma and Dr. V.B. Cutinho, Formers Vice-Chancellors visited the University campus and Veterinary College, Bidar during 27-29th January, 2016 and interacted with the staff and students. The commission reviewed all the teaching, research and extension activities of the university. Further, the team also had interaction with the farmers of Bidar district to know about the extension activities of the university. Dr. C Renukprasad, Hon'ble Vice Chancellor and other university officers were present during the visit of the commission.



Swamy Vivekananda Jayanti

Swamy Vivekanand Jayanti was celebrated on 12-01-2016 at Veterinary College, Bidar. On this occasion, user awareness programme on CoRA was organized for the staff and students of the College. Dr. U. S. Jadhav, I/c University Librarian and DR. B.V. Shivaprakash, Dean, veterinary College, Bidar, the staff and students of the college graced the occasion.



"Vanamahotsava"

As a part of NSS activity, "Vanamahotsava" was celebrated at Veterinary College, Bidar. The event was graced by University Officers, Dean, NSS Coordinators, the staff and students of the college.



Organized one day training programme

Fisheries Research and Information Centre (Inland), Hesaraghatta, Bengaluru, organized a one day training programme on "Integrated Fish culture" dated 6.2.2016. Training programme was sponsored by the Karnataka Veterinary, Animal and Fisheries Sciences University, for the benefit of inland fish farmers. The programme was inaugurated by Dr. Ramakrishna, Joint Director of Fisheries, Bangalore. Dr. Y.Basavaraju, Associate Director of Research, Fisheries Research and Information Center (I), Hesaraghatta, Bengaluru was the Presided over the function. Dr. Seenu, Chief Scientific officer,

Maine Research Station, Hebbal, Bengaluru he is the chief guest of the function. Vote of thanks was presented by Dr. Manjappa, N. Assistant Professor,FRIC (I), Hesarghatta, Bengaluru 30 fish farmers in and around Hesaraghatta, Bengaluru benefited from the programme.

Trainees visited to fish pond



"Scientific Dairy Farming"

Three days training Programme on "Scientific Dairy Farming" was organized AHP LRIC(A), Konehalli Tiptur on 14.03.2016. Dr. Shivakumar R. Principal at AHP LRIC(A), Konehalli, Tiptur coordinated the event. The training Programme was inaugurated by Dr. Siddalingaiah Asst. Director Dept. of AH&VS and Dr. T. Sukanya, Programme Co-coordinator, KVK, Bidiregudi. About 50 farmers from various villages of Tiptur and Arasikere taluk were benefited by this Programme.



Demonstration of organic manure production

Demonstration of organic manure production by Dr T.M. Prabhu Prof. & Head LRIC(S), Nagamangala to the AHP Konehalli students during their visit to Nagamangala sheep farm on 28.01.2016.



Demonstration of chaffing of fodder by using chaff cutter to the trainees participated in a training programme at AHP, Konehalli on 16.03.2016, about 30 farmers were benefited by this programme



Dr. Kshama, Veterinary Officer explaining the routine activities at Sri Jayachamarajendra Zoological Garden to the AHP Konehalli students during their education tour to the Mysuru zoo.



Trainees from BAIF center visited AHP, LRIC(A), Konehalli on 11.05.2016, they were trained on various fodder production methods.

One day training Programme on various fodder production methods

One day training Programme was organized on various fodder production methods to the farmers of Mudigere Taluk, Chikamagalur District at Animal Husbandry Polytechnic and LRIC(A), Konehalli on 22.02.2016.



Varieties of vegetables were grown by organic farming in the premises of AHP, Konehalli with the help of Diploma students and Staff



Extension activities carried out by Extension Education Centre, Veterinary College, Bengaluru

Extension Education Centre, Veterinary College, Bengaluru had conducted 5 batches of Training in Sheep and Goat rearing and Management for farmers during the period January 2016 to June 2016. Totally 150 farmers attended the training programs. Farmers were from various districts like Bengaluru, Bengaluru rural, Tumkur, Kolar, Ramanagara, Koppal, Raichur, Chikkabalapura, Hassan, Chikkamagalur, Mysuru, Mandya, Uttara Kannada and Dharwad districts.

Training in Pig Rearing and Management was conducted for farmers during the month of March



which 29 farmers from Bengaluru, Bengaluru rural, Tumkur, Kolar, Ramanagara, Koppal, Raichur, Chikkabalapura, Hassan, Chikkamagalur, Mysuru, Mandya and Mysuru districts participated.

During the month of February "awareness on Zoonosis" was conducted for 30 Dairy farmers of milk society in Kadanur, Bengaluru rural district jointly with KMF.

Animal health camp and Fertility camp was organised by EEC during the month of March at Haniyur village, Bangalore (north) in which faculty members from Department of Medicine, Gynaecology and Animal Husbandry extension and EEC along with PG students participated. Fifty two farmers participated in the animal health camp. Forty five cows were checked for Fertility/General check up and 150 – 200 sheep were dewormed.

EEC facilitated the exposure visit of 60 students of National College, Bengaluru to Veterinary College and ILFC in the month of March and during the same period EEC facilitated exposure visit of 20 farmers of Milk society from Dharmapuri district, Tamilnadu to ILFC with support of NDRI under ATMA scheme.

Animal health camp was conducted on April, 23rd at Soledevanahalli, near Byadrahalli, Tumkur district as part of NSS for Veterinary students, Veterinary College Bangalore in which more than 100 dairy animals underwent general check up deworming and checked for infertility.

A mobile App on "Fodder Production" was launched by Dr.C.Renukprasad, honourable Vice Chancellor, KVAFSU, on the occasion of World Veterinary Day celebration (April 30th). This app was made in Kannada language and comprised of cultivation practices of 16 varieties of fodder and fodder trees which are suitable for Karnataka.

During the period January to June, 2016, Consultancy services were provided for 422 farmers for various areas like dairy farming, sheep farm, goat farm, piggery, fodder cultivation, project report, government schemes, training and marketing avenues.

Department got sanctioned, an Extramural ICAR project entitled "Develop and Evaluate, Use of Mobile Applications for Livestock Farming: A New Generation Technology Transfer for Sustainable Livestock Production, 2015 – 2016" (one year project – 9.20 lakhs)



Glimpses of Sheep & Goat Trainings conducted at Veterinary College, Bengaluru



Mobile Fodder App was developed by Dept. of Veterinary Animal Husbandry and Extension Education, Veterinary College, Bengaluru was launched on World Veterinary Day-2016 at Veterinary College, Bengaluru



Training programmes on 'Pig farming' at Veterinary College, Bengaluru

Training programmes on 'Pig farming' at Veterinary College, Bengaluru



Animal Health Camp at Haniyuru by Veterinary College, Bengaluru

Library e-Books user awareness programme

Karnataka Veterinary, Animal and Fisheries Sciences University Library was organised one day User Awareness Programme at Veterinary College, Bidar on 3rd May, 2016 about usage of e-Books of Elsevier publisher and Mr. Arnab De and Mr. Rohit Arvindekar, resource persons delivered lectures on afore mentioned topic and more than 80 students and faculty members were participated in the programme. Dr. U.S. Jadhav, University Librarian I/C. coordinated the programme for the academic benefit of the faculty and students.



Inauguration and training session of Aquaculture in sea cages for the fisher folks of Shedikuli, Ankola on 29.02.2016. Dr. Jayashree Loka Scientist, CMFRI, Karwar inaugurated the training programme. Dr. E.G. Jayaraj and Dr. Chandrkam Lingdhal delivered lectures to the trainees.



Training on Value added fish/shrimp products and Demonstration shrimp pickle preparation for women folks held on 11.03.2016 at FRIC (M), Ankoia.



FRIC (M), Ankola Stall at National Mathsya mela -2016, Mangaluru (4-6th March, 2016)

Training on 'Scientific Dairy farming'



Mr. Raghavendra Rao, AGM, NABARD, Shivamogga; Dr. K.C. Veeranna Prof. & Head, Dept. of Veterinary and Animal Husbandry Extension, Dr.Kavitharani, Asso. Prof.

Department of Pathology with Mr. A.G. Siddarameshwara a progressive farmer are seen during the inaugural function of the training on Scientific Dairy farming held during 28-01-2016 to 30-01-2016.



Dr. Basavraj Desai, Asstant Professor, Dept. of LPT, Veterinary College, Shivamogga demonstrating Paneer preparation during the Dairy farmers training held between 28-01-2016 to 31-01-2016.

Training programme for shepherds



Prof. Prasad. R.V., Dean , Veterinary College, Shivamogga along with Dr.Bhaskar Naik Deputy Director, Dept. of AH &VS, Shivamogga, Dr.Sadashiv Asst. Director Dept. of AH &VS, Shivamogga, Dr.K.C.Veeranna, Prof & Head Dept of Vety.Extension, and Smt. Chitra, President, Sahyadri Sheep Rearers Association Shivamogga in the inaugural function of the training programme for Practicing Shepherds held during 04-02-2016 to 06-02-2016.



Dr. Bhaskar Naik, Deputy Director, Dept. of AH &VS, Shivamogga, addressing the farmers in the inaugural function of the training programme for Practicing Shepherds held during 04-02-2016 to 06-02-2016.

Training programme on 'poultry farming'

Department of LPM, Veterinary College, Shivamogga organized short term one week training programme for entrepreneurs in poultry farming from 20-06-2016 to 25-06-2016 in association with CPDO, Hesaraghatta.

Forty five farmers from the districts of shivamogga, chikkamagalur and Davanagere participated in the training programme.



Prof. Pratap Kumar. K.S., Ex. Dean, Veterinary College, Bidar Inaugurated the training programme for entrepreneurs in poultry farming oirganized by Department of Livestock Production Veterinary College, Shivamogga.



Releasing of cost effective mineral mixture for dairy animals on world veterinary day on 30th April, 2016 at Veterinary College, Shivamogga



Demonstration of fodder enrichment to the farmers during NSS, Camp held at Yadawala Village of Shivamogga on 28-03-2016 by Veterinary College, Shivamogga



R. Sharada, S. Isloor, V. Balamurugan, B. H. Veeresh, V. V. S. Suryanarayana, D. Rathnamma, R. Manisha and M. L. Satyanarayana, (March, 2016). "Genetic variability of the G-L intergenic region sequences of Indian rabies virus strains circulating in animals". In: 17th International Conference on Infectious Diseases (17th ICID), Hyderabad, 2nd to 5th March, 2016.

Awards and Recognitions

- Dr. Y. B. Rajeshwari, Professor, Dept. of LPM, Veterinary College, Bengaluru conferred 'National Fellow of Livestock Production and Management. International Livestock Conference, ISAPM – 2016 and 23rd Annual Convention; Southern Chapter of ISAPM, Veterinary College, Rajendranagar, Hyderabad during 28-31st January, 2016.



Dr. Y. B. Rajeshwari, National Fellow Award ISAPM, International Conference, Hyderabad, 28-30 January, 2016.

- Dr. Y. B. Rajeshwari, Professor, Dept. of LPM, Veterinary College, Bengaluru conferred "Best Veterinarian Award" by Karnataka Veterinary Association during May, 21-22nd 2016.



- K.V. Pramina, MVSc scholar of Dept. of Veterinary Microbiology was conferred YOUNG INVESTIGATOR award at the 17th International Conference on Infectious Diseases (17th ICID), Hyderabad, 2nd to 5th March, 2016, for the topic of "Expression of Glycoprotein gene of Rabies virus and evaluation of recombinant protein for seromonitoring of vaccinal antibodies in dogs". B. Veeresh, S. Isloor, D. Rathnamma, S. Yathiraj, M. Narayanaswamy, R. Sharada, Y. Chaitra and N. R. Hegade (March, 2016).

- Dr. Mahadevappa D Gouri, Assistant Professor, Dept. of LPM, Veterinary College, Bengaluru received 'Certificate of Award' for presentation on topic: "Reflections on Animal Welfare Practices and teaching in Veterinary Colleges in India" at ACAW, Annual Key Driver Workshop, 7-9th June, 2016, Kuala Lumpur, Malaysia.

- Dr. D. Rathnamma, Professor and Head, Dept. of Veterinary Microbiology, Veterinary College, Bengaluru Chaired Technical Seminar on "Avian Influenza-control and Prevention" at KVC, Bengaluru, during 29th February, 2016, organized by Dept. of AH & VS, Govt. of Karnataka.

- Dr. S. Isloor, Associate Professor, Dept. of Veterinary Microbiology, Veterinary College, Bengaluru has participated in Indo-UK Workshop on Antimicrobial

Resistance in Veterinary Infectious Diseases' and delivered talk on 'In-vitro Antimicrobial resistance patterns of predominant bacteria isolated from subclinical bovine mastitis in south India' organized by UK Science and Innovation Network and IISC, Bengaluru at Sheraton Hotel at Brigade Gateway, Bengaluru during 19-20th Feb., 2016.

OTHER ACTIVITIES

- Dr. D. Rathnamma, Professor and Head, Dept. of Veterinary Microbiology, Veterinary College, Bengaluru - Served as Selection Committee member of Union Public Service Commission, New Delhi for selection of Deputy Assistant Directors (9 posts) for Central Research Institute, Kasauli, Himachal Pradesh, during 22.02.2016 to 26.02.2016 at UPSC, New Delhi.

- Dr. Shrikrishna Isloor, Associate Professor, Dept. of Veterinary Microbiology, Veterinary College, Bengaluru - Attended the 17th International Conference on Infectious diseases (ICID) held at Hyderabad from 2nd to 5th March, 2016,

- Dr. D. Rathnamma, Professor and Head, Dept. of Veterinary Microbiology, Veterinary College, Bengaluru participated in one day workshop on "Strengthening Women Veterinarians of Karnataka for Enabling quality Professional Services" held on 7th May, 2016 at RD Nanjiah Hall, Veterinary College, KVAFSU, Hebbal, Bengaluru.

- Dr. B. M. Veeregowda, Associate Professor, Dept. of Veterinary Microbiology, Veterinary College, Bengaluru deputed to Dharwad to investigate the problems of mastitis in dairy animals at a Dairy Farm near Dharwad on 17th May, 2016

- Dr. D. Rathnamma, Professor and Head, Dept. of Veterinary Microbiology, Veterinary College, Bengaluru - served as Selection Committee member for NIVEDI for clearance of Probationary period of Technical Officers held on 6th June, 2016 at NIVEDI, Ramgondanahalli, Bengaluru.

- Dr L. Ranganath, Professor & Head, Dept. of Veterinary Surgery and Radiology, Veterinary College, Bengaluru served as co-ordinator for One day workshop on Neuro Surgery and Behavioural Medicine on 31.01.2016 organized by MARS INDIA and staff members Dr B N Nagaraja, Professor, Dr V Mahesh, Assistant Professor and all PG & PhD students of the department attended the workshop.

- Dr L. Ranganath, Professor & Head, Dept. of Veterinary Surgery and Radiology, participated in the event "Parichaya" and a talk on: Canine Endocrinology – Balancing Act" Speaker Dr P R Vinod Kumar at Hotel J P Fortune Celestial near Racecourse, Bengaluru on 07.02.2016 organised by CIPLAVET.

- Dr L. Ranganath, Professor & Head, Dept. of Veterinary Surgery and Radiology, Veterinary College, Bengaluru with Post graduate students attended National Congress on Canine Practice & the XIII Annual Convention of ISACP with National Symposium on 'Concepts of One Health in Canine Health Care Management'. Dr L. Ranganath presented the Lead Paper on "Contact Lenses & Doggies in Dogs" and also chaired the Surgery Session in the Conference from 26.04.2016 to 30.04.2016 organised by College of Veterinary & Animal Sciences, Kerala Veterinary & Animal Sciences University, Pookode, Wayanad, Kerala.

- Dr L. Ranganath, Co-PI and Professor & Head, Dept. of Veterinary Surgery and Radiology, Veterinary College, Bengaluru gave a Talk on Importance of Imaging techniques in diagnosis of various disease conditions at Officers Training of ICAR NAE Project Training Programme.

- Dr K. M. Srinivasa Murthy, Assistant Professor, Dept. of Veterinary Surgery and Radiology, Veterinary College, Bengaluru gave a Talk on Hands on Training in Radiological diagnosis of disease conditions at Officers Training of ICAR NAE Project Training Programme.

- Dr. B.N. Nagaraja, Professor, Dept. of Veterinary Surgery and Radiology, Veterinary College, Bengaluru Delivered a Lecture on 'Advances in Large Animal Orthopaedics' at ATMA-SAMETI Training on Livestock Production Techniques.

- Radio Talk/TV Programme/Media:
Dr L. Ranganath, Professor & Head, Dept. of Veterinary Surgery and Radiology, Veterinary College, Bengaluru participated in Panel discussion on "Snake Juice" on Suvarna News Channel and gave Interview on "Plastic Menace in Cattle" to Times of India Newspaper.

- Dr. Mahadevappa Gouri, Assitant Professor, Dept. of LPM, Veterinary College, Bengaluru has delivered three TV talks in DD Chandana, during May-

June, 2016, on the topics 1) Legume fodder production 2) Non-legume fodder production 3) Fodder museum – protein park concept.

• Dr. Mahadevappa Gouri, Assitant Professor, Dept. of LPM, Veterinary College, Bengaluru has participated in TV programme and delivered talk on 'water conservation methods for animals during scarcity/drought' during 11-05-2016.



Surgical correction of shell fracture in a Tortoise at Veterinary College, Bengaluru



Distribution of Root slips/cuttings by Hon'ble, Vice Chancellor, Dr. Renukprasad, at Veterinary College, Bengaluru



On farm training/Practical demonstration by Dr.Mahadevappa D. Gouri, Assistant Professor, Dept. of LPM to the farmers who visited the fodder museum, Veterinary College, Bengaluru.



Dr. Mahadevappa D. Gouri delivered a talk on "Reflections on Animal Welfare Practices and teaching in Veterinary Colleges in India" that various activities involving Teaching, Research and Extension are carried out in the colleges in India to improve the knowledge of students of Veterinary and improve the welfare of animals. At ACAW, Annual Key Driver Workshop, 7-9th June, 2016, Kaula Lumpur, Malaysia.

Kannada Vigyan Sammelan

Kannada Vigyan Sammelan was organized jointly by KVAFSU, Bidar and Veterinary College, Bidar during 15th to 17th September, 2016.

Eminent Scientists Dr. Yathiraj, Dr. M.S. Vasantha, Dr. A. Krishna Swamy, Dr. S.M. Usturge, Dr. H.B. Rao , Dr. K.M. Shankar were facilitated for their life time contributions. Dr. Dilip kumar, D., Was Awarded Young Scientist Award for his work on IILN in Cattle for repair of Tibial Fracture. Dr. N.A. Patil was Awarded young Scientist Award for treatment of Onion Poisoning in Ruminants

12th Inter college sports meet

12th Inter college sports meet held at Neharu Stadium, Shivamogga from 02.11.2016 to 05.11.2016, organised by Veterinary College, Shivamogga. Prof. R.V.Prasad, Hon'ble Vice - Chancellor inaugurated the sports meet and Dr. S.G. Konapur, shri. K.C. Shanakaregowda and Shri. Ritesh Saliyana Hon'ble Board Members, KVAFSU, Bidar were present as chief guests. As Hon'ble guests Dr. Yashwanth Kumar, DSW, KVAFSU, Bidar and Shri Ramesh, KES, Assistant Director, Department of sports, Shivamogga were present. Athletics, volleyball, basketball, kho-kho,

kabaddi, Table-tennis, shuttle-badminton and chess were the events carried out for four days.

Closing ceremony of sports meet held on 05.11.2016 at Neharu stadium, Shivamogga. Shri Eresh B. Anchatageri and Shrimati Lumbini Goutham, honorable board members, KVAFSU, Bidar were present as Chief Guests. As honorable guests Dr. Yashwanth Kumar, DSW, KVAFSU, Bidar and Shri Shashi K S, Secretary, Shivamogga district volleyball and Olympic Association, Shivamogga.



Honorable Vice -Chancellor Prof.R.V.Prasad, inaugurated the sports meet and Dr S.G.Konapur, shri K.C.Shanakaregowda and Shri Ritesh Saliyana honorable board members, KVAFSU were present as chief guests. Dr. K C Veeranna, Dean, VCS, Shivamogga presiding the function.



On closing ceremony of sports meet, Shri Eresh B.Anchatageri and Shrimati Lumbini Goutham, honorable board members, KVAFSU, Bidar were present as Chief Guests. As honorable guests Dr. Yashwanth Kumar, DSW, KVAFSU, Bidar and Shri Shashi K S, Secretary, Shivamogga district volleyball and

Olympic Association, Shivamogga. Dr. K C Veeranna, Dean, VCS, Shivamogga presiding the function.

Workshop on 'Ethics and welfare issues in animal experiments'

A Workshop entitled 'Ethics and welfare issues in animal experiments' was organized by the Department of Pharmacology & Toxicology, Veterinary College, Shivamogga on 23.07.2016 in association with the Institutional Animal Ethics Committee [IAEC]. Workshop was inaugurated by the CPCSEA Main Nominee Dr. S.P. Muthukumar, Principal Scientist & Head, SAF, CSIR-CFTRI, Mysuru.



Workshop on 'Techniques in experimental pharmacology'

A workshop entitled 'Techniques in experimental pharmacology' was organized by Department of Veterinary Pharmacology & Toxicology, Veterinary College, Shivamogga on 16-11-2016 in collaboration with AD Instruments, South Asia, Bengaluru. The workshop was inaugurated by Dr. K.C. Veeranna, Dean, Veterinary College, Shivamogga. Mr.Sumanth Bhat, Technical Manger, ADI and Dr. Kupsat, Principal, National College of Pharmacy, Shivamogga were the Chief guests.



Amrithmahal Cattle Breeders Association formed Department of Animal Genetics and Breeding, Veterinary College, Hassan facilitated the

establishment of 'Amrithmahal Cattle Breeders Association' on 02-10-2016. It is first of its kind in the Karnataka state for conservation of Amrithmahal cattle in its native tract. Under Amrithmahal Cattle Herd Registration and Recording Field Level Production Performance scheme, 'Amrithmahal Cattle Breeders Association' was established. The occasion was witnessed by Dr. Manjunath, M.T., Director, Karnataka State Livestock Board, Dr. Hatagappa, Joint Director, Department of AH&VS, GOK and Dr. Naveen Kumar G.S, Head, Dept of AGB, Veterinary College, Hassan.



Inauguration of Amrithmahal Breeders Association by Director, Karnataka State Livestock Board and Joint Director, Dept of AH& VS

12th KVAFSU INTER COLLEGE SPORTS AND GAMES MEET, 2016-17

Students from Veterinary College, Hassan actively participated in the Sports Meet-2016-17, held at Veterinary College, Shivamogga between November 2nd to 5th 2016. They stole the event by securing Overall Championship in Athletic and Runners-Up Champions in Games during the Sports Meet. Men and women Table Tennis team of the college secured Winner and Runner-up position respectively. Women shuttle Badminton team bagged runner-up position in the competition.



Prajwal, R. of Veterinary College, Hassan securing 1 place in Discus Throw Men section and receiving the Gold medal from Dr. Prakash Nadoor Professor and Head, Dept. of Pharmacology & Toxicology, Veterinary College, Shivamogga.

In Athletic Events the performance of the college team is as follows:

Prajwal R	Discus throw I place, Shot Put -II place
Adash D Naik	Shot Put I place, Discus throw-II place
Karthik	Triple Jump I place
Jayashree	Javelin I place, Discus I Place, Shot Put I place
Sudima HR	Long Jump II place, 4x100mts relay II place
Monika	100mts running III place, 4x100mts relay II place
Manasa	1500mts III place, 4x100 mts relay II place



College of Fisheries, Mangaluru bagged 'Overall Championship' in KVAFSU Inter-Collegiate Athletics and Games 2016-17 held at Veterinary College, Shivamogga during 2-5th November 2016.

Inauguration of teaching sheep and goat slaughter house

Prof. R.V.Prasad, Hon'ble Vice-Chancellor, KVAFSU, Bidar inaugurated the unit and Dr. S.G. Konapur, Shri. K.C.Shanakaregowda, Shri. Ritesh Safiyana and Sri. K.S. Ashoka Kumar Hon'ble Board Members, KVAFSU, Bidar were present during the occasion.



Fresher's Day for the academic year 2016-17

Freshers day-2016 was organized at Veterinary college, Hassan on 24th November, 2016. The programme was coordinated by II B.V.Sc & AH students of the college under the presidentship of Dr. M.S. Vasanth, Dean, HVC. Dr Ravikumar, Director, Hassan Institute of Medical Sciences was the Chief Guest of the occasion.



Dr. Ravikumar, Director, Hassan Institute of Medical Science, chief guest of the programme inaugurating the function.

Teacher's Day celebration

Teacher's day was celebrated on 22nd September, 2016 by the teachers and the students of College of Fisheries, Mangaluru. Dr. U.M. Bhushi, Principal of Sahyadri College of Engineering and Management, Adyar, Mangaluru was the chief guest and Dr. K.M. Shankar, Dean (Fisheries) presided over the function.

Fresher's Day

The tradition of welcoming the freshers into the fishco family was organized by the outgoing final year B.F.Sc., students on 6th October, 2016 at College of Fisheries, Mangaluru. Shri. A. Shivananda Karkera, Retd. Syndicate Bank Manager was the chief guest. Dr. M.N. Venugopal, Dean (Fisheries) presided over the function. The chief guest recalled his student days and advised recent developments and wide opportunities students have in the field of fisheries. Later the newly admitted first year B.F.Sc., students staged various cultural events to showcase their talents.



Kannada Rajyothasava

61st Kannada Rajyothasava was celebrated at College of Fisheries, Mangaluru campus on 24th November, 2016. The chief guest for the function was Shri. Bhaskar Rai Kukkuvali, Professor, Govt Pre-university College, Gurupur while Dr. K.M Shankar, Dean (Fisheries) presided over the function. Following the main formal session, the history of our state, the tradition, custom and speciality of each district was presented to showcase the beauty of our state Karnataka. Later the students entertained the gathering with singing, dances and quiz.



World Fisheries Day

World Fisheries Day was organised by the Department of Fisheries Resources and Management in the College of Fisheries Mangaluru on 25-11-2016 presided by Dr. M.N. Venugopal, Dean (Fisheries). The programme was inaugurated by Shri Manohar Boloru, President, Karnataka Karavali Meenugrara Kriya Samithi, Mangaluru. Shri Rithesh Saliyan, Hon'ble Member, Board of Management, KVAFSU and Dr. S.M.Shivaprakash, Director of Extension, KVAFSU and Shri Mahesh Kumar U, Deputy Director, Fisheries Department, Mangaluru were the Chief guests for the function. The main objective of the programme was to create awareness among stakeholders regarding overfishing, habitat destruction and other serious threats to the sustainability of our marine and freshwater resources. As a part of the programme one day workshop was organized on Responsible Fisheries. More than 40 number of fisher folk participated in the workshop. Further, a quiz competition was conducted for the students of the College.



Infertility camp and Demonstration of CIDR and Ultrasonography

Department of Veterinary Gynaecology and Obstetrics, Veterinary College, Hassan organized demonstration of CIDR application and ultrasonography for Veterinary Officers of Dept. of AH & VS for estrus synchronization programme for infertility management at Sigaranahalli, Holenarsipur taluk on 26-11-2016. More than 50 cows were treated for different infertility problems.



Demonstrating CIDR and Ultrasonography technique to Veterinary Officers by Dept. of VOG, Veterinary College, Hassan

Infertility and Animal Health Camp organised

Department of Veterinary Gynaecology and Obstetrics, Veterinary College, Hassan organized Infertility and Animal health camp at Gangooru, Arkalagud taluk on 17-12-2016. Livestock keeping farmers were educated with respect to application of ultra-sonography in Diagnosis and Management of Infertility problems in dairy cows. More than sixty cases were treated in the infertility cum health camp. Demonstration of CIDR application for estrus synchronization programme for infertility management in dairy cows was also conducted for the Officers of Dept. AH & VS during the occasion.



Shri. A. Manju, Honourable Minister of Animal Husbandry and Sericulture, GoK, inaugurated infertility camp at Gangooru, Arkalagud taluk

One day training programme on "Integrated Fish culture"

Fisheries Research and Information Centre (Inland), Hesaraghatta, Bengaluru, celebrated World Fisheries Day and organized a one day training programme on "Integrated Fish culture" on 21.11.2016. Training programme was sponsored by the Karnataka Veterinary, Animal and Fisheries Sciences University, for the benefit of inland fish farmers. The programme was inaugurated by Dr. R. V. Prasad, Honourable Vice-Chancellor, KVAFSU. Dr. S. M. Shivaprakash, Director of Extension, KVAFSU presided over the function. Dr. K. N. Prabhudev, Professor and Head, FRIC, Hebbal was the chief guest of the function. Dr. Seenappa, Chief Scientific officer, Maine Research Station, Hebbal, Bengaluru was another chief guest of the function. Vote of thanks was presented by Dr. Manjappa, N. Assistant Professor, FRIC (I), Hesaraghatta, Bangalore. Thirty five fish farmers in and around Hesaraghatta, Bengaluru benefited from the programme.



Dr. R.V. Prasad, Hon'ble Vice-Chancellor, KVAFSU, Bidar inaugurating the programme



Hon'ble Vice-Chancellor observing ornamental fish grown at FRIC, Hesaraghatta



Distributing fish seed to the participants

Farmers – Scientists interaction programme

Extension Education Centre, Veterinary College Bidar organised the farmers-scientist interaction programme on 27-12-2016 in collaboration with District Development departments on the occasion of Jai Kisan Jai Vigyan Week Celebration, where in which wide range of farm based information was given to farmers. The programme was inaugurated by Prof. Shivashankar Usturge, I/C Vice Chancellor, KVAFSU Bidar and Dr. B.V. Shivaprakash, Dean, Veterinary College, Bidar presided over the programme. Dr Narasappa, Department of AHVS and Mr. Somashekar Biradar, Department of Agriculture interacted with farmers and answered the farmers' queries. Dr. Prakash Kumar Rathod, Head, EEC elaborated Sujala-3 Project activities in Bidar district. Around 80 farmers participated in the programme.



Farmers field visit to commercial Dairy and Goat Units EEC, Bidar organised field visit to farmers to commercial Dairy and Goat Units on 27-12-2016 where about 80 farmers clarified their queries with farm owners and experts and observed the various farm machineries and equipments in situ.



Interface Meet of Scientists and Veterinary Officers at Veterinary College, Bidar

An interface meet of Scientists and Veterinary Officers was organized at Veterinary College, Bidar on 26th July, 2016 in which about 10 scientists of ICAR-IVRI, Izatnagar; IVRI, Pune; IVRI, Bengaluru, Scientists of KVAFSU, Bidar interacted with about 80 Veterinary Officers of AH&VS.



Interaction of Scientists with Farmers and Animal Health Camp organized

A farmer-scientist interaction programme and animal health camp was organized at Gadgi Village on 27th July, 2016 in which about 10 scientists of ICAR-IVRI, Izatnagar; IVRI, Pune; IVRI, Bengaluru, Scientists of KVAFSU, Bidar interacted with about 300 farmers of Bidar district. The progressive farmers in Bidar District were felicitated. The clinicians of Veterinary College, Bidar treated and vaccinated more than 800 animals during the animal health camp.



The faculty of Veterinary College, Bidar and students participated in Kalyan-Karnataka Vikas Jatre at Kalaburgi on 11th December, 2016 and put-up the college stall and disseminated scientific information to the farmers.



Regional Workshop on Mentoring Young Veterinary Extension Professionals For Conduct of Scientific Research

Indian Veterinary Extension Forum (IVEF), Puducherry, P.V. Narasimha Rao Telangana Veterinary University (PVNRTVU), Hyderabad, and Karnataka Veterinary Animal Fisheries Sciences University (KVAFSU), Bidar, co-organized the workshop on Mentoring Young Veterinary Extension Professionals For Conduct of Scientific Research during 4-5th July, 2016 at College of Veterinary Sciences, Hyderabad. About 40 young extension professional were mentored by eight mentors or experts during the workshop. Dr. Prakashkumar Rathod, Assistant Professor was the organizing secretary and Dr. Anant Rao Desai was the co-organizing secretary of this workshop.



Jai Kisan Jai Vigyan celebration at Veterinary College, Hassan
Jai Kisan Jai Vigyan celebration at Veterinary College, Hassan

Indian Council of Agricultural Research is celebrated 'Jai Kisan Jai Vigyan' Week from 23rd December, to 29th December, 2016 on the birth anniversary of former Prime Ministers Shri Atal Bihari Vajpayee and

Late Shri Chaudhary Charan Singh. In this connection, Veterinary College, Hassan organized four different training programmes for the benefit of farmers and to mark Jai Kisan Jai Vigyan week. Dr Sahadev, A., Professor, Dept. of VOG inaugurated the function.



Dr. Sahadev, A., Professor & Head, Dept of VOG, addressing the farmers during Jai Kisan Jai Vigyan Programme

Wildlife Photography Exhibition

Institute of Wildlife Veterinary Research (IWVR) Doddaluvara, Somavarapet Taluk organised "Wildlife Photography Exhibition" and a talk on "Biology, Behaviour and Speciality of Snakes" on 5-10-2016 in collaboration with College of Forestry, Ponnampet Kodagu district at College of Forestry, Ponnampet to commemorate Wild Life week Celebration 2016 as an awareness programme on wildlife. Dr.C.G.Kushalappa, Dean, College of Forestry Ponnampet, inaugurated the exhibition. Dr.K.GaneshUdupa, Director, Institute of Wildlife Veterinary Research, Doddaluvara and Dr.Sindhu K, Veterinary Officer and amateur wildlife photographer, were present explaining their displayed photos. A talk on "Biology, Behaviour and Speciality of Snakes" was delivered by expert on Herpes; Dr.Karthik M. Veterinary Officer, Wildlife Hospital, PFA Bengaluru. In addition to students and staff of Forestry College, Ponnampet, students and teachers from Saishanker B.Ed College, Coorg Institute of Technology, Cauvery P.U College, Gonikoppa, Government Polytechnic College, Ponnampet and National Academy School attended the exhibition and were pleased by watching awesome pictures of wild animals.



Appreciating the images of wild animals photographed in situ wildlife



School children viewing the wild animal photographs
Wildlife week Celebration 2016

On the occasion of Wildlife week Celebration 2016 from 2nd to 8th of October, Institute of Wildlife Veterinary Research (IWVR) Doddaluvara, Somavarapet Taluk organised "Wildlife Photography Exhibition" and an awareness talk on "Importance of wildlife" on 6-10-2016 in collaboration with Post Graduate Centre of Mangaluru University at Chikkaluvara, Kodagu district. Dr. V Ravindrachary, Director, Post Graduate Centre, Chikkaluvara inaugurated the exhibition. Dr.K.Ganesh Udupa, Director, Institute of Wildlife Veterinary Research, Doddaluvara and Dr. Sindhu K., Veterinary Officer and amateur wildlife photographer, displayed photos. Awesome pictures of wild animals attracted the students and staff.



Director, Post Graduate Centre, Mangaluru University, Chikkaluvara inaugurating the wildlife photography exhibition.



Director, Institute of Wildlife Veterinary Research, Doddaluvara explaining wild animals and creatures depicted in Wildlife photography exhibition.

Participation in UAHS, Shivamogga Krishi Mela-2016

Krishi Mela was held at UAHS, Shivamogga from 21st to 23rd October, 2016. Fisheries Research and Information Center (I), Hesaraghatta, Bengaluru, participated in the Krishi Mela and exhibited a stall depicting Inland aquaculture and ornamental fishes. A team of scientists, Dr. Manjappa, N., Assistant Professor and Head and Dr. Ravindragouda Patil, Assistant Professor participated in the Mela and information on various fish culture practices including poultry cum fish culture, polyculture and seed availability was provided to the farmers. The exhibit attracted a large crowd in the mela. FRIC, Hesaraghatta won the Best Stall Award.



Dr. S.M. Shivaprakash, Director of Extension, KVAFSU, Bidar inaugurating the Exhibition Stall

Training programme on "Wild animal tranquilization"

Institute of Wildlife Veterinary Research, Doddaluvara conducted one-day Training programme on "Wild animal tranquilization" to the officers of Dept. of AH&VS on 8th December, 2016 for the Veterinary Officers of Dept. of AH & VS, of Bengaluru Rural, Kalaburgi Kolar and Tumkur Districts of Karnataka.



Demonstration of loading and handling of dart gun during the training programme on "Wild animal tranquilization"

Training programme on "Tranquilization of wild animals"

Institute of Wildlife Veterinary Research, Doddaluvara conducted one-day Training programme "Tranquilization of wild animals" to the officers of Dept. of AH&VS on 9th December, 2016 for the Veterinary Officers of Dept. of AH & VS, of Haveri, Koppal, Yadagiri and Kodagu districts Karnataka.



Participant aiming the dart gun to the target during the training programme "Wild animal tranquilization"

Workshop on "Crop damage by Wild Animals and its Control measures"

A one day Workshop on "Crop damage by Wild Animals and its Control measures" was conducted to the Farmers on 28-12-2016 at Institute of Wildlife Veterinary Research, Doddaluvara, Kodagu Dist. This programme was organised on account of celebration of

"Jai Kisan Jai Vigyan Week" (23rd December to 29th December) on birth anniversary of Shri Atal Bihari Vajapeyee and Late Shri. Chaudhary Charanasingh, two former Prime ministers of India in view of their immense contribution for promoting use of science for the welfare of farmers. The Chief guest Dr. Chettyappa, Assistant Director, Department of AH&VS, Somvarpet taluk gave a talk on that Human-Wild Animal Conflict especially of elephants. A demonstration was conducted in the workshop on use of a repeller that uses crackers to chase the Wild boars or Monkeys which cause the menace.



Demonstration on use of a repeller to chase Wild boars or Monkeys which cause menace.

Demonstration programme on Oestrus Synchronization and Artificial Insemination in Sheep

Demonstration programme on Oestrus Synchronization and Artificial Insemination in Sheep to the Paravets of the Dept. of Animal Husbandary and Veterinary services conducted by Dr. S. S. Manjunatha, Farm Superintendent on 24.11.2016 at LRIC(S), Nagamangala. 25 paravets from various districts of Karnataka were got benefited from the demonstration program. Dr. H.K. Siddalingamurthy, Head, LRIC(S), Nagamangala and Dr. Anil Kumar, Senior Veterinary Officer, Veterinary Assistant Training Centre, Mallavalli were also present during demonstration.



Demonstration programme on cultivation of different fodder crops

Demonstration programme on cultivation of different fodder crops was conducted by Dr. H. K. Siddalingamurthy, Head, LRIC(S), Nagamangala on 26.11.2016 at LRIC(S), Nagamangala to 50 Farmers who brought under ATMA Training programme from the Dept. of Agriculture, Kunigal taluk, Tumkur district.



Training programme on "Scientific Dairy Farming"

Organized a one day training programme on "Scientific Dairy Farming" to the farmers of surrounding Village of AHP, LRIC(A), Konehalli on 21.12.2016 about 50 farmers and Farm women's were benefitted by this training programme. Dr. Rajendran, Senior scientist NIANP, Bengaluru was delivered a lecture on importance of nutrition for High milk yield.



Demonstration on "Different Varieties of Fodders and Fodder trees and Fodder enrichment during drought situation"

Demonstration programme was organized to the Farmers on 19.12.2016 at AHP, Konehalli on "Different Varieties of Fodders and Fodder trees and Fodder enrichment during drought situation" about 40 Farmers were benefitted by this programme.



Mega Sheep Seed Project, LRIC, Nagamangala

Dr. S.M.K. Naqvi, Hon'ble Director, CSWRI, Avikanagar and Project Coordinator, Mega Sheep Seed Project visited the home tract area of Mandya Sheep covered under Mega Sheep Seed Project (Mandya Sheep) on 03.11.2016 to monitor the field activities. His visit was accompanied by Dr. L.L.L. Prince, Senior Scientist, CSWRI, Dr. H. K. Siddalingamurthy, PI, MSSP project and Dr. Manjunatha, S. S. Farm Superintendent & Co-PI, MSSP project, LRIC(S), Nagamangala.



World Rabies Day -2016

On the occasion on World Rabies Day, Rabies awareness program was organized to the children Govt. Middle School, Basaveshwara, Nagamangala taluk on 28.09.2016 at LRIC(S), Nagamangala. Dr. Manjunatha, S.S., Farm Superintendent, LRIC(S), Nagamangala inaugurated and delivered lecture on awareness and control measures on Rabies disease to the children.



Distribution of Ram to the Beneficiary farmers under Mega Sheep Seed Project

Distribution of Ram to the Beneficiary farmers under Mega Sheep Seed Project on Mandya Sheep on 07.10.2016 at LRIC(S), Nagamangala. Dr. H. K. Siddalingamurthy, Principal Investigator, Dr. Manjunatha, S. S., Farm Superintendent and Co-PI, Mega Sheep Seed Project on Mandya Sheep and other staff members of LRIC(S), Nagamangala with the beneficiary farmers during distribution of breeding Rams.



Ration Balancing Programme

Veterinary College, Hassan organised three RBP training programmes of Ten days duration and one RBP refresher training of five days duration during July-December, 2016 in collaboration with Karnataka Milk Federation, Hassan. Training was held on following dates for different batches: RBP (Batch-VIII) 01-08-2016 to 10-08-2016., RBP (Batch-XI) 17-10-2016 to 26-10-2016., RBP (Batch-X) 24-10-2016 to 28-10-2016 and (Batch-XI) 19-12-2016 to 28-12-2016. A total of 93 Local Resource Persons participated in the training programme.

Workshop on "Feeding of Livestock during Drought"

Department of Animal Nutrition, Veterinary College, Hassan under the NABARD sponsored project-Utilization of maize cob shank and sheath as dairy animal feed, organized one day workshop on 21-12-2016 focusing on Feeding Technologies for Livestock during Drought" at Veterinary College, Hassan for the livestock farmers. In the workshop, 28 livestock farmers registered and actively participated. Method demonstrations on urea treatment of straw, household balanced ration preparation, utilization of tree fodder, feed block making and utilization of corn cobs, areacanut sheets in balanced ration was done.



Dr. Shiva Kumar, M.C., Professor & Head, Dept of ILFC, inaugurating the workshop

Entrepreneurship training programme on poultry production

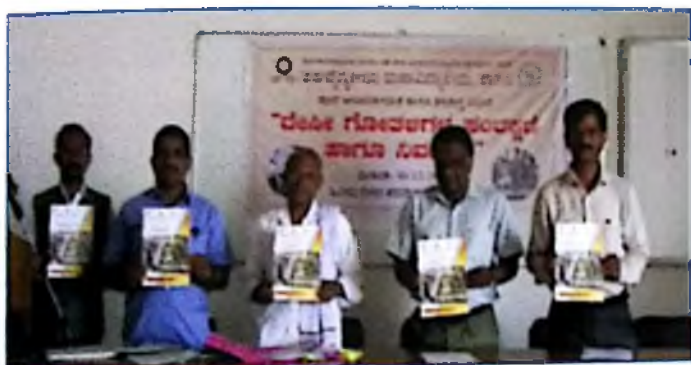
Department of Instructional Livestock Farm Complex, Veterinary College, Hassan in collaboration with Central Poultry Development Organization and Training Institute (CPDO & TI) Bengaluru organized six days skill based training programmes between 19-12-2016 to 24-06-2016 at Gokula Campus, Hassan. Thirty seven (37) farmers actively participated in the training programme with the aim to establish commercial poultry units.



Dr. Shiva Kumar, M.C., Professor & Head, Dept of ILFC, inaugurating the poultry training programme

Workshop on "Indigenous Cattle Management and Conservation"

To create the awareness on importance of indigenous cattle among the livestock farmers, and youths, one day workshop was organized by Department of Animal Genetics and Breeding, Veterinary College, Hassan under Karnataka Livestock Development Board sponsored project- 'Field performance studies of Amruthmahal cattle' on 30-12-2016. About 30 people from Hassan and Chikkmagalur district participated in the workshop. Dr. M.S. Vasanth, Dean, Veterinary college Hassan presided over the function. Dr Vijay Angadi, Programme Co-ordinator, AIR, Hassan, Dr. Ravikumar, P. and Dr. Naveen Kumar, G.S. graced the occasion.



Prof. M.S. Vasanth, Dean, releasing the compendium during the occasion

International Training Programme on Dairy Nutrition at Ghent University, Belgium

Dr. Chethan K P, Assistant Professor, Dept. of Instructional Livestock Farm Complex, Veterinary College, Hassan, participated in the International Training Programme on Dairy Nutrition at Ghent University, Ghent, Faculty of Bioscience Engineering, Belgium from 2nd October, to 13th December, 2016. He was awarded a full scholarship from VLIR-UOS, a subsidiary of Belgian Federal Government for the same along with other participants from Ethiopia, Zimbabwe, South Africa, Nigeria, Uganda and Vietnam. The programme focused on the Challenges in Dairy Nutrition and its Solutions with emphasis on local feed resources in tropical regions.



Dr. Chethan, K.P., Assistant Professor, Department of Instructional Livestock Farm Complex, Veterinary College, Hassan

World Zoonoses Day – 2016

As a part of World Zoonoses Day-2016 celebrations a Quiz programme for students regarding zoonotic diseases was organized by Veterinary College, Hebbal, Bengaluru in collaboration with Associate Director Extension, Regional campus, Veterinary College Bengaluru. Virbac Animal Health India Pvt. Ltd. The quiz programme was conducted by Dept. of Veterinary Public Health and Epidemiology, Veterinary College, Bengaluru.

Awareness programme for school children on Zoonotic Diseases as a part of World Zoonoses Day celebrations

Awareness programme for UAS Campus School Children on Zoonotic Diseases as a part of World Zoonoses Day Celebration was organized at Veterinary College, Hebbal, Bengaluru on 31-08-2016. A total of 100 students were participated and got benefited from this programme.



Educating the school children's on prevention and control of Zoonotic diseases by the Dean, Veterinary College, Bengaluru.

Educating the school children's on prevention and control of Zoonotic diseases by the Dean, Veterinary College, Bengaluru.

Activities of Extension Education Center, Veterinary College, Bengaluru

SSLC toppers (Girl students) were brought to Veterinary College as an Exposure visit was organised by FTI, GKVK during their one week programme (GOK). Department of Veterinary & A.H. Extension coordinated the visit and exposed the students to various farming systems and they were given information regarding the opportunities in Veterinary Profession (October).

Dr. Devi Rao, Professor, Livestock and Natural Resources Advisor, San Benito, Monterey, Santa Cruz Counties, California visited Department of Veterinary & A.H. Extension, VCH, Bengaluru and held discussions on Cattle Production Systems in India (December).

In view of the celebration of Jai Kissan Jai Vignan week animal health and fertility camp, awareness programme on newer technologies in Animal Production and Group discussion with Livestock farmers had been conducted at Yeliyuru adopted village of Veterinary College Bengaluru. Six hundred sheep were dewormed and 55 infertility cases were treated. The Dean and his team visited the fodder plots of the farmers of adopted village.

Five trainings (9-8-2016, 18-8-2016, 30-8-2016, 20-9-2016 & 1-12-2016) on scientific rearing of Sheep and Goat were organised by the department and EEC. A total of 208 farmers both men and women had participated in the training programmes.

Glimpses of activities



Jai Kissan Jai Vignan week animal health and fertility camp at Yeliyuru adopted village of Veterinary College Bengaluru



Glimpses of Sheep and goat training programme conducted at Veterinary College Bengaluru

112th, 113th and 114th Championship Dog Show

Canine Research and Information Center, Mudhol, Bagalkot had participated in Silicon City Kennel Club 112th, 113th and 114th Championship Dog Show at Veterinary College Campus, Hebbal, Bengaluru on 24-25th December 2016. This unit dogs were got prizes like Best in Show Breed in India, Best of Breed, Best of Breed Runner up, Champion Certificate, Best Sight Hound and Indian Breed Winner.



Jaikisan Jai Vigyan Week

"Jaikisan Jai Vigyan Week" was organized by AHP, Konehalli in association with KVK Bidaregudi, one week programme was conducted from 23.12.2016 to 29.12.2016 on Animal Husbandry and Agriculture Related aspects in this programme farmers from different villages and students of AHP Konehalli were benefited.



As a part of celebration of "Jai kisan Jai Vigyan Week" demonstration programme on soil sampling techniques was conducted on 26.12.2016 for students of AHP, Konehalli. Dr. Mamatha, Soil Scientist, KVK, Bidaregudi and Dr. Shivakumar, R.-Principal were present during the programme.



"Animal Health Camp" was conducted on 25.11.2016 at Aladahalli Tiptur Talluk by Animal Husbandry Polytechnic, Konehalli, about 63 farmers were benefitted by this programme and more than 150 animals were examined and treated.



Animal Husbandry Polytechnic, Konehalli students won the Gold and Silver medals at 1st Inter Polytechnic Sports Meet held at KVAFSU, Bidar on 19.09.2016.



Training program on Scientific methods of Sheep Rearing and common diseases of Sheep to Paravets on 23.12.2016 at LRIC(S), Nagamangala.



Dr. M. R. Gajendragad, Emirates Scientist, NIVEDI, Bengaluru delivered lecture on 04-08-2016 at Veterinary College, Bidar. The event was graced by Dr. C. Renukprasad, Hon'ble Vice Chancellor, KVAFSU, Bidar and University Officers while, the staff and students actively participated in this programme.

Campus cleaning and tree plantation programme

As a part of NSS activity, campus cleaning and tree plantation were conducted at Veterinary College, Bidar. The event was graced by University Officers, Dean, NSS Coordinators, the staff and students of the college.

Hyderabad-Karnataka Vimochana Dinacharane

"Hyderabad-Karnataka Vimochana Dinacharane" was celebrated on 17th September, 2016 at Veterinary College, Bidar in collaboration with KVAFSU, Bidar. The event was graced by University Officers and Hon'ble members of Board of Management and while, the staff and students actively participated in this programme. The event was presided over by Dr. B.V. Shivaprakash, Dean, Veterinary College, Bidar.

Swachha Bharat Abhiyaan

"Swachha Bharat Abhiyaan" was celebrated on 2nd October 2016 at Veterinary College, Bidar. Dr. B.V. Shivaprakash, Dean, Veterinary College, Bidar, NSS Coordinators and other staff and students participated in the programme.



Bhakta Shreshta Shri Kanakadas Jayanti

Bhakta Shreshta Shri Kanakadas Jayanti was celebrated on 17-11-2016 at Veterinary College, Bidar in collaboration with KVAFSU, Bidar. Dr. B.V. Shivaprakash, Dean, Veterinary College, Bidar and other staff and students participated in the programme.

Academic and Administrative trainings were organized for the SC/ST staff

Various Academic and Administrative trainings were organized for the SC/ST staff under SCP-TSP grant of Government of Karnataka. Under this programme, the teaching and non-teaching staff attended Administrative training Programme at Veterinary College, Bidar during 14-17th December.

event was inaugurated by Dr. Shivanand Murty, Registrar, KVAFSU, Bidar while, other University Officers also participated in the programme. The event was presided over by Dr. B.V. Shivaprakash, Dean, Veterinary College, Bidar. Shri Ramachandra Murthy and Shri. K. Srinivas, retired officers of Administrative Training Institute, Mysuru were the resource persons for the programme. Dr. R. V. Prasad, Hon'ble Vice Chancellor, KVAFSU, Bidar distributed the certificates to the participants in the valedictory session.



"Azaadi-70, Yaad Karo Qurabani" programme

"Azaadi-70, Yaad Karo Qurabani" programme was organized on 23-08-2016 at Veterinary College, Bidar to remember the martyrs of Indian Independence as per the guidelines of Government of India. Dr. B.V. Shivaprakash, Dean, Veterinary College, Bidar and other staff and students participated in the programme.

Training programme on 'Responsible fisheries and hygiene maintenance in fish market'

Mr.Chandrkant N. Naik, President Babruwad Grampanchayat inaugurated the training programme on 'Responsible Fisheries and Hygiene maintenance in fish market for fishermen and fisherwomen' as part of Jai Kisan Jai vigyan week on 26.12.2016. Mr. Manjunath D Naik, Taluk Panchyat Member, Ankola also present on the occasion.



Dr.Chandrkant Lingadhhal, Asst. Professor & Head, delivering talk on Responsible Fisheries during the training programme.



Inter-Collegiate Cricket and Football tournament

Inter-Collegiate Cricket and Football tournament was organized at Veterinary College, Bidar during 24-25, September 2016. The meet was inaugurated by Dr. R. V. Prasad, Hon'ble Vice Chancellor, KVAFSU, Bidar. The event was graced by Hon'ble Member, Board of Management Shri. Lumbini Goutam and University Officers while, the staff and students actively participated in this programme. The event was presided over by Dr. B.V. Shivaprakash, Dean, Veterinary College, Bidar. In football, Dairy Science College, Bengaluru were the champions while College of Fisheries, Mangaluru were the runners-up. The cricket matches were cancelled due to heavy rain. The Hon'ble Vice Chancellor, Board Members and University officers congratulated and appreciated the winners.

Inter-Polytechnic College Athletic Meet-2016

Inter-Polytechnic College Athletic Meet-2016 was organized at Veterinary College, Bidar on 19th September 2016. The meet was inaugurated by Dr. C, Renukprasad, Hon'ble Vice Chancellor, KVAFSU, Bidar. The event was graced by Hon'ble Member, Board of Management Shri. Lumbini Goutam, Dr. Yashwantkumar, Director of Student Welfare and University Officers while, the staff and students actively participated in this programme. Polytechnic College, Konehalli were the winners of the event. The Hon'ble Vice Chancellor, Board Members and University officers congratulated and appreciated the winners.

Dr. S.M. Shivaprakash, Director of Extension, KVAFSU, Bidar and Dr. Biradar, D.P., Hon'ble Vice-Chancellor, UAS, Dharwad and Shri Pandurang Rane, Superintendent of Police, Dharwad visited FRIC (M), Ankola exhibition Stall at UAS, Dharwad, Matsya Mela/Krishi Mela – 2016 on 24-27th Sept., 2016.



FRIC (M), Ankola Stall in Matsyamela-2016, UAS, Dharwad

Training programme on Dairy Farming

Training Programme on Dairy Farming under ATMA in Co-Ordination with Dept. Animal Husbandry was organized at Veterinary College, Gadag on 15-12-2016. Prof. S. Yathiraj OSD, Veterinary College, Gadag, Chairman, Taluk Panchayat, Gadag, Deputy Director, Asst. Director from Dept. of Animal Husbandry were chaired the function. About 80 farmers and farm women were present in the training programme. The training was organised with different lectures with different resource person from the Veterinary College, included Prof. S. Yathiraj, Dr. Santhosh Sarangmath, Dr. Mahantesh M. Nekar, Dr. Kumar Wodeyar, Dr. Sushanth Handage and Dr. Mutturaj Pachchannavar.



Training programme on 'Problems in sheep and goat rearing'

Extension Education Center (EEC) organized a training programme on "Problems in Sheep and Goat rearing" at Veterinary College, Shivamogga on 16-09-2016. About 40 farmers from different districts were participated. Dr. K. C. Veeranna, Prof & Head, Dept. of Veterinary Animal Husbandry Extension Education, Veterinary College, Shivamogga, graced the occasion.

Training programme on 'Sheep and goat farming for rural empowerment'

Extension Education Center (EEC) organized a training programme on "Sheep and goat farming for rural empowerment" at Veterinary College, Shivamogga on 03-10-2016. About 49 farmers from different districts were participated. Dr. K. C. Veeranna Prof & Head, Dept. of Veterinary Animal Husbandry Extension Education, Veterinary College, Shivamogga, graced the occasion.

Training programme on 'Scientific sheep and goat farming'

Extension Education Center (EEC) organized a training programme on "Scientific sheep and goat farming" at Veterinary College, Shivamogga on 07-12-2016. About 51 farmers from different districts were participated. The training programme was inaugurated by Dr. H. Shivananda Murthy, Registrar, KVAFSU, Bidar and Dr. K.C. Veeranna, Dean, Veterinary College, Shivamogga, graced the occasion.



On farm demonstration 'on cattle feed preparation'

EEC, Veterinary College, Shivamogga in collaboration with Department of Animal Husbandry and Veterinary Services, Shivamogga organized on farm method demonstration on cattle feed preparation at Mattod village of Shivamogga on 15.12.2016. More than 40 farmers were benefited by the programme. Dr.

Shivamogga, Dr.Sadhasiva, Assistant Director, AH&VS, Shivamogga, Dr. Prasanna, Veterinary Officer and Dr. Nagaraja K.M. Veterinary Officer conducted the programme.



Animal Health Camp

Extension Education Center (EEC), Veterinary College, Shivamogga, in collaboration with Department of Animal Husbandry and Veterinary Services, Shivamogga, JCI, Shivamogga Bhavana and Grama Panchayath, Choradi organized Animal Health Camp at Choradi village of Shivamogga on **05.12.2016**. More than 45 farmers brought their cattle for health check and benefited by the programme.



Jai Kisan Jai Vijnan Week

Jai Kisan Jai Vijnan week 23- 29th, December, 2016 has been celebrated on 28-12-2016. In farmers field the function was organized. About 30-40 farmers and farm women were present. Staff of the college including Dr. Santhosh Sarangmath, Dr. Mahantesh M. Nekar, Dr. Kumar Wodeyar and Dr. Sushanth Handage were present at the training to give lectures. The importance of the animal health, its treatment and about fodder production was briefed.



Swachh Bharath Abhiyan was celebrated by Staff of Veterinary College, Gadag on 13-01-2017 during the programme part of the campus was cleaned.

Animal Health camp

Animal Health camp was conducted in Harthi Village, Tq & Dt. Gadag on 30-01-2017. About 160 animals were treated.

Krishi-Mela 2016: UAHS, Navile, Shivamogga

Extension Education Center (EEC), Veterinary College, Shivamogga, attended and performed livestock exhibition at the Krishi-Mela 2016 organized by the University of Agriculture and Horticulture Sciences, Shivamogga from 21 to 24th October 2016.



Dr. V. Chandrashekar Murthy, ADE, KVAFSU, Bidar inaugurated the exhibition stall for display at Krishi-Mela 2016 by the Veterinary College, Shivamogga



Dr. Vasudevappa, Hon'ble Vice-chancellor, UAHS, Shivamogga visited the stall put up by Veterinary College, Shivamogga



Veterinary College, Shivamogga, was awarded best stall under the animal husbandry section by the organizing committee of Krishi-Mela-2016 of UAHS Shivamogga.

Scientists-Farmers Meet

Extension Education Center (EEC), Shivamogga in collaboration with World Bank funded Karnataka Watershed Development Programme 2 Sujala-III, Davangere organized farmers meet on "Preparation of milk products and detection of adulteration in milk and milk products" during 25.11.2016 at Veterinary College, Shivamogga. Farmers from different districts were participated and benefited by the programme. Dr. Ravikumar, Project Director, Zilla Panchayath, Shivamogga inaugurated the programme and Shri. Siddaveeranna, Assistant Agriculture Officer, KVK, Hosakere was the chief guest of the function. Dr. K.C. Veeranna, Dean, Veterinary College, Shivamogga presided over the programme.

agriculture sector at Akashavani, Bhadravathi also participated in the programme. Dr. Nagappa Karabasavanavar and Dr. Satish G. M coordinated the Programme.



Dr. K.C. Veeranna, Dean, Veterinary College, Shivamogga, welcomed the farmer's team and the scientists to the Farmer's day.



Demonstration on preparation of different milk products to the farmers.



Sri. Malathesh V Hosmani, Rattehalli, Haveri, interacting with the resource faculty of Veterinary College, Shivamogga.

Farmers Day

Extension Education Center (EEC) and Teaching staff, Veterinary College, Shivamogga on account of Farmers Day organized an interaction between Farmers and Scientists at Veterinary College, Shivamogga on 23.12.2016. Farmers excelled in different field like cattle farming, poultry farming, sheep and goat farming etc., were invited and made to share their experiences in their journey towards success in Animal husbandry. Also discussed the different problems faced by the farmers in their field. Dr. K.C. Veeranna, Dean, Veterinary College, Shivamogga presided over the programme and Prof. Prakash Nadoor, Prof. Nagabhushan, Prof. Thirumalesh, Dr. Murugeppa, Dr. Chidananda and Dr. Suresh Patel participated in the discussion. Dr. Vadamurthy, head of



Training program on Scientific Sheep husbandry practices at Dhanaguru Farm, Mallavalli on 09.07.2016 by LRIC, Nagamangala.



The Veterinary College, Shivamogga students celebrated the 70th Independence day in the campus and took a candle light march and organized various cultural events on the occasion on 14.8.2016.

Radio Talks:

Dr. Leena, G., Associate Professor and Head, Dept. of Veterinary Public Health and Epidemiology, Veterinary College, Bengaluru delivered a Radio talk on "Zoonoses and Control" AIR, Bengaluru on 21-09-2016.

Dr. B.M. Veeregowda, Associate Professor, Dept. of Veterinary Microbiology, Veterinary College, Bengaluru participated in Radio talk on "Blue Tongue and PPR Diseases in Sheep and Goats and Control" at All India Radio, Bengaluru on 03.10.2016.

Dr. D. Rathnamma, Professor & Head, Dept. of Veterinary Microbiology, Veterinary College, Bengaluru participated in Radio talk on "Control of major Bacterial diseases in Livestock" at All India Radio, Bengaluru on 05.12.2016

Dr. Shrikrishna Isloor, Associate Professor, Dept. of Veterinary Microbiology, Veterinary College, Bengaluru participated in Radio talk on "Brucellosis in animals and prevention" at All India Radio, Bengaluru on 06.12.2016

TV Programme:

Dr. Leena, G., Associate Professor and Head, Dept. of Veterinary Public Health and Epidemiology, Veterinary College, Bengaluru delivered TV programme on "Rat Fever (Leptospirosis) Management" in Doordharshan "Krishidarshan" on 10th Aug., 2016.

Dr. Shrikrishna Isloor, Associate Professor, Dept. of Veterinary Microbiology, Veterinary

College, Bengaluru participated in a TV programme by Doordarshan Kendra Bengaluru on "Brucellosis" for Krishi Darshan programme on 12.09.2016.

Dr. B.M.Veeregowda, Associate Professor, Dept. of Veterinary Microbiology, Veterinary College, Bengaluru participated in a TV programme by Doordarshan Kendra, Bengaluru on "Vaccination failures" for Krishi Darshan programme on 28.11.2016.

Awards and Recognitions

Dr. A. K. Santosh, Ph.D. Scholar, Dept. of Veterinary Microbiology, Veterinary College, Bengaluru was awarded BEST POSTER PRESENTATION award at the 18th National Conference of Association for Prevention and Control of Rabies in India (APCRI) for the topic of "Cloning of rabies virus glycoprotein in baculovirus expression system" AK Santosh, Deepak K, S. Isloor, R. Nandhini, R. Sharada, V.Balamurugan, D. Rathnamma, S. Yathiraj, M.L.Satyanarayana, Nagendra, R.H held at Bengaluru from 9th to 10th July, 2016.

Dr. Leena, G., Associate Professor and Head, Dept. of Veterinary Public Health and Epidemiology, Veterinary College, Bengaluru served as Nodal officer for FMD-CP for Mandya district of Karnataka, visited various villages of Mandya district on 13th Apr 2016 (10th round of FMD-CP) and 11th Nov., 2016 (11th round of FMD-CP) for effective implementation of the FMD control programme and verified all the details pertaining to FMD control programme.



Dr. D. Rathnamma, Professor & Head, Dept. of Veterinary Microbiology, Veterinary College, Bengaluru participated as Co-chairperson in technical session in "VIROCON 2016 International conference on Global Perspectives

in Virus Disease Management' organized at ICAR-IIHR, Hesaraghatta during 8th to 10th December, 2016.

Dr. S. Isloor, Associate Professor, Dept. of Veterinary Microbiology, Veterinary College, Bengaluru participated as one of the Scientist Co-ordinator in 'VIROCON 2016 International conference on Global Perspectives in Virus Disease Management' organized at ICAR-IIHR, Hesaraghatta during 8th to 10th December, 2016.

Dr. S. Isloor, Associate Professor, Dept. of Veterinary Microbiology, Veterinary College, Bengaluru deputed to deliver lecture on 'Animal Health and Disease control programme on 25th October, 2016 at Training programme for progressive Dairy farmers of BAMUL on 'Concept of organic Dairy Farming'.

Dr. B.M. Veeregowda, Associate Professor, Dept. of Veterinary Microbiology, Veterinary College, Bengaluru participated in ICAR sponsored short course training (10 days) on 'Advances in Livestock Disease Surveillance: Integration of Molecular Biology and Statistical Methods in Veterinary Epidemiology' organized by ICAR NIVEDI, Bengaluru from 1st to 10th September, 2016.

Dr. S. Isloor, Associate Professor, Dept. of Veterinary Microbiology, Veterinary College, Bengaluru participated in Brucellosis-2016: International research conference and 69th Annual Brucellosis Research Meeting on 17-19 November, 2016.



Mr. Raghavendra Rao, AGM, NABARD, Shivamogga; Dr.K.C.Veeranna Prof. &Head, Dept. of Veterinary and Animal Husbandry Extension, Dr.Kavitharani, Asso. Prof. Department of Pathology with Mr.A.G. Siddarameshwara a progressive farmer are seen during the inaugural function of the training on Scientific Dairy farming held during 28-01-2016 to 30-01-2016



Dr.Basavraj Desai,Asst.prof., Dept. of LPT giving demonstration of Paneer making during the Dairy farmers training held between 28-01-2016 to 31-01-2016



Prof. Prasad. R.V., Dean , Veterinary College, Shivamogga along with Dr.Bhaskar Naik Deputy Director, Dept. of AH &VS,Shivamogga, Dr.Sadashiv Asst. Director Dept. of AH &VS, Shivamogga, Dr.K.C.Veeranna, Prof & Head Dept of Vety.Extension,and Smt. Chitra, President, Sahyadri Sheep Rearers Association Shivamogga in the inaugural function of the training programme for Practicing Shepherds held during 04-02-2016 to 06-02-2016.



Dr.Bhaskar Naik Deputy Director, Dept. of AH &VS,Shivamogga, addressing the farmers in the inaugural function of the training programme for Practicing Shepherds held during 04-02-2016 to 06-02-2016.



Dr.MadhavaPrasad, Prof and Head Dept of VPH , addressing the farmers during the training programme for Practicing Shepherds held during 04-02-2016 to 06-02-2016.



Demonstration of fodder enrichment to the farmers during NSS, Camp held at Yadawala Village of Shivamogga on 28-03-2016



Prof. Pratap Kumar. K. S., Ex Dean , Veterinary College. Bidar Inaugurated the training programme for entrepreneurs in poultry farming organized by Department of Livestock Production Veterinary College, Shivamogga

Department of LPM, Veterinary College, Shivamogga, organized short term one week training programme for entrepreneurs in poultry farming from 20-06-2016 to 25-06-2016 in association with CPDO, Hesaraghatta. Forty five farmers from the districts of shivamogga, Chikkamagalur and Davanagere participated in the training programme.



Releasing of cost effective mineral mixture for dairy animals on world veterinary day on 30th April, 2016.

Training Programme Organised at Animal Husbandry Polytechnic, Shiggaon on "Enrichment of Dry Fodder – Strategy for draught season". 16-11-2016

A training programme on the topic "Enrichment of Dry Fodder – Strategy for draught season" was organised at Animal Husbandry Polytechnic, Shiggaon, a constituent of Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar in collaboration with Mahila Samakhya, Haveri on 16-11-2016.

The programme was inaugurated by Dr. S.M. Shivaprakasha, the Director of Extension, KVAFSU, Bidar. In his inaugural address, he called upon the farmers to adopt scientific practices of feeding and management of livestock especially during draught and scarcity seasons. He emphasised upon practices like chaffing of fodder and its enrichment with low cost materials like urea etc. The training programme was attended by over 45 farmers of which 40 were women. Dr. Shivakumar K. Radder, Principal, Animal Husbandry Polytechnic, Shiggaon was the director of the training programme. Dr. Shambhulingappa, B.G., Asst. Professor, AHP, Shiggaon demonstrated chaffing of fodder by different methods and urea enrichment of dry fodder by bag method and direct feeding method. The programme was coordinated by Dr. Sangamaesh Kelgi, Asst. Professor, AHP, Shiggaon and Smt. Rajeshwari of Mahila Samkhya, Haveri.

Lectures were given on importance of fodder management, effective utilization of dry fodder, chaffing of dry fodder, enrichment of poor quality dry fodder and feeding strategies during scarcity season. The lectures were followed by demonstration of the above practices. At end of the day, 5 farmers expressed their willingness to immediately adopt the practice.

At the training programme, successful women farmers who previously attended trainings and demonstrations at Animal Husbandry Polytechnic, Shiggaon were felicitated. They shared the experiences of their success to other farmers who got inspired by these successes.



A Success Story - 2 of Green Fodder Nursery at Menasagi Work Undertaken under "Livestock Support and Extension Activities Sujala - III" Project of Gadag District

More than 70 % expenditure in livestock farming is incurred on feed and fodder. Green fodder plays an important role in providing essential nutrients, enhance productivity and to reduce feed cost. Due to farmers giving more importance growing commercial crops and some other factors, land available for grazing of animals and cultivation of fodder crops is reducing. In such situations, farmers can go for cultivating green fodder crops on their fields and bunds. Many farmers don't have knowledge about green fodder cultivation. Even when some of farmers have knowledge, they face difficulty in getting fodder seeds and root slips.

Keeping this point in mind, a green fodder nursery was established in Menasagi village (Ron taluk, Gadag district) on the field of Shri Harteppa Belavanaki under under "Sujala III, Watershed Development- Livestock Support and Extension Activities" project. In 20 guntas of area 10 varieties of different green fodder plots (SAT maize, Cofs-29 jowar, Sudan chari jowar, Hybrid Napier grass, Gini grass, G2 grass, Signal grass, Lucerne, Cowpea, Velvet beans) has been established. Irrigation was done by flooding with borewell water at necessary intervals of about 15-20 days. Farm yard manure was applied at the rate of 3- 4 tonne per acre. Weeding was done by hand removal.

Table: 1. Agronomical practices followed in fodder nursery of Mr. Harteppa Belavanaki

Sl. No.	Variety	Qty. seeds or root slips per Gunta	Spacing (Cms)		Use of fertilizers	
			Between seeds	Between rows	Name	Qty (Kg)
1	Lucerne	0.2 kg	10	30	NPK	0.5 : 2 : 0.5 kg
2	Sudan Charry	0.2 kg	10-15	45-60	NPK	4.8 : 0.8 : 0.8 kg
3	COFS- 29	0.2 kg	10-15	45-60	NPK	4.8 : 0.8 : 0.8 kg
4	African Tall Maize	1.2 kg	20	30	NPK	3 : 0.2 : 0 kg
5	Cow pea	0.8 kg	45	30	NPK	0.5 : 0.6 : 0 kg
6	Velvet beans	0.6- 0.8 kg	50	30*10	NPK	0 : 0 : 0 kg
7	Hybrid napier	400 root slips	60	90*60	NPK	0 : 0 : 0 kg
8	Gini grass	600 root slips/ha	50	60*60	NPK	0.2 : 1.5 : 0 kg
9	G2 grass	600 root slips/ha	50	60*60	NPK	0.2 : 1.5 : 0 kg
10	Signal	600 root slips/ha	50	1&half	NPK	0.2 : 1.5 : 0 kg

Table: 2 Yield from Fodder nursery of Mr. Harteppa Belavanaki (1 year data)

Sl. No.	Variety	Seeds/ Root slips (Kg/ 2 Gunta)	Green Fodder (Kg/ 2 Gunta)	Dry Fodder (Kg/ 2 Gunta)
1	Lucerne	0	0	0
2	Sudan Charry	30 kg	0	250
3	COFS- 29	35 kg	0	300
4	African Tall Maize	0 kg	30	0
5	Cow pea	10kg	0	35
6	Velvet beans	3 kg	0	25
7	Hybrid Napier	0 root slips	0	0
8	Kimi grass	2500 root slips	250	0
9	G2 grass	3000 root slips	350	0
10	Signal	4000 root slips	300	0

Expenditure :

Sl. No.	Item	Amt. (Rs.)
1	Seeds and root slips	1350
2	Labour (15 X 100)	1500
3	Manure	1000
4	Pesticide	310
5	Cow dung (500 Kg)	500
	Grand total	4660

Income :

Sl. No.	Item	Amt. (Rs.)
1	Sale of Seeds and root slips	10500
2	Green fodder	4000
3	Dry fodder	2500
	Grand total	17000

Before the establishment of this nursery, an awareness programme on usefulness and cultivation of green fodder crops was conducted in the village. Out of 10 varieties, 6 varieties viz., Cofs-29, Sudan chari, Gini grass, G2 grass, Signal grass and Velvet beans have come up well.

Total expenditure for fodder nursery was Rs.4660. Income in the form of fodder seeds, root slips, green fodder and dry fodder for 1 year period is Rs.17000. Since many of the crops are perennial in nature for future production of roots slips/ fodder seeds expenditure will be very less. Hence income from all this source of fodder nursery per annually is expected to be more than Rs 17000. The demand for fodder seeds/ root slips is coming from farmers who attended the field day and various institutions etc. Farmers who hitherto were not knowing about different varieties of fodders especially legumes fodder came to know about different fodder crops. There by establishing local demand for the produce of fodder nursery.

and for the produce of fodder nursery.

A field day was organised to show the success of fodder nursery in which farmers of the village, school children participated and got inspired.

Main changes brought out by this nursery are.

- Availability of variety of green fodder round the year for feeding dairy animals which helped to improve animal conditions (a self help concept)
- The farmer getting income by sale of fodder seeds and root slips
- Many farmers taking fodder seeds and roots slips from this nursery and growing green fodder on their fields making it locally available thus avoiding need to travel long distances
- This fodder nursery has become an educational centre providing knowledge and skill about different varieties of green fodder crops to the farmers of Menasagi and surrounding villages on the principle of seeing is believing.

Conclusion

Establishment of fodder nursery in rural areas helps in promoting rural entrepreneurship. Fodder nursery can also withstand uncertainty of nature's markets, diseases etc., were in risk of loss is minimum. Future this concept is a model for attracting rural youth towards agriculture there by promoting sustainable rural development.



Menasagi Fodder nursery field day



Menasagi Fodder nursery 20 days old



Menasagi Fodder nursery field day



Menasagi Fodder nursery harvesting

**Adoption of Fodder Chaffing and Enrichment
– A Case Study of Melmatha Village Work
Undertaken under “Livestock Support and
Extension Activities Sujala – III”
Project of Gadag District**

India is predominantly agrarian country. Animal Husbandry forms an important component of socio-economic life of our peasants. There are certain constraints in the way of development of livestock sector in our country. One such constraint is deficiency of feed and fodder for livestock. It is estimated that our country faces a deficit of 61.1% green fodder, 21.9% dry crop residues and 64% feeds (IGFRI, 2011). It is also a matter of concern that a lot of fodder is being wasted and finds its way in to manure pit.

A pilot survey conducted in Melmatha village of Gadag district of Karnataka state revealed the following Scenario

- i. **Fodder chaffing is must before enrichment**, especially for jowar and maize straws. However, chaffing of fodder itself involves lot of drudgery, hence, many farmers couldn't do it in desired way. Because of difficulty in fodder

chaffing, next step of enrichment couldn't be taken up by the farmers. In the present study, first importance of chaffing fodder to smaller particle sizes was realized to the farmers. Later, facilitation was made to obtain necessary chaff cutter. Then, farmers were realized importance of enrichment of such fodder.

ii. **Method of enrichment**, There are various methods of enrichment of dry fodder with urea. The method adopted appeared to be simple and beneficial by the farmers. Hence, they decided to adopt it.

iii. **Effective extension methodology : Education – Demonstration – Inputs - Persistence. (EDIP).**

Education : Bridging the knowledge gap regarding the technology of dry fodder enrichment by means of awareness programmes and focused group discussions.

Demonstration : Once the farmers became aware of dry fodder enrichment, they were convinced of the technology by conducting result demonstrations on their farms.

Inputs : Though, inputs were not directly provided to the interested farmers, facilitation was made for them to obtain requisite inputs. Eg. In this attempt, chaff cutter was purchased by the farmers with facilitation from project team.

Persistence : Adoption of new thing implied additional work burden to the farmers. Many times they declined adoption of this technology. The project staff persisted upon as to different constraints and problems in adopting the technology. They were also provided moral support and facilitation by project team right from creation of awareness till adoption.

Because of this EDIP model, continuous interactions were held with farmers regarding adoption of the practice. Any difficulties, problems and constraints were overcome with the help of the project team.

All these factor may be said to have played role in adoption of fodder chaffing and enrichment of dry fodder with urea. Similar efforts may be undertaken in other pockets of the state in order to promote adoption of enrichment of dry fodder.

Awareness programme on fodder enrichment



Fodder Chaffing Demonstration



Fodder enrichment with bag method



Fodder enrichment – direct feeding method



PHOTO GALLERY



10-12-15 Fodder nursery field day at Menasgi



Awareness programme on Dry fodder enrichment Sortur



Awareness programme on Sub clinical mastitis- Beldadi



Dairy trg. Dec 15-1



31-10-15 Field Day Fodder nursery Ranatur



Awareness programme on Dry fodder enrichment Yelisoru



Demonstration of Silage- Sorturi



Awareness programme on Sub clinical mastitis- Shirol



Fodder nursery field day at Menasgi



Dairy trg. Dec 15-3



Fodder training 4 15.12.16



Demonstration Dry fodder enrichment Sorturi



Demonstration of dry fodder enrichment Gadagol



Training Fodder enrichment address



Training Fodder enrichment inauguration



Demonstration on fodder chaffing Ranatur



Silage making lecture



Fodder training1 15.12.16



Work shop Gadag



UHSB Horti mela (4)



AHP Shiggaon Stall in Mela



Fodder Plot Demonstration



Training Fodder enrichment Demo



Training For Women was Conducted - AHPS

IILN FOR TIBIAL FRACTURE REPAIR IN LARGE ANIMALS



Tibial fracture, non-weight bearing in a cow



Tibial fracture, repair by IILN



Radiograph - IILN in Situ



Post Operative Skin Closure



Post Operative Weight Bearing by Cow

Edited and Published by :

Dr. S.M. Shivaprakasha

Director of Extension, KVAFSU, Bidar
Cell: 9448302597, Email: dekvafsu@gmail.com

Associate Editors :

Dr. H. V. Mohan
Assistant Professor (VPH)
VCH, KVAFSU, Bidar

Dr. D. Dilipkumar
Associate Director of Extension,
KVAFSU, Bidar

