



KVAFSU

Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar

News Letter

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Dr. C. Renukprasad
Vice-Chancellor

From Vice Chancellor's Desk..

It gives me great pleasure to recognize that our University is progressing well in all its three pronged endeavours namely, Teaching, Research and Extension. I am happy to state that our University is one of the consortium partners on the World Bank aided KWDP-Sujala-III Project implemented by the Government of Karnataka. The University has been assigned the task of carrying out the project on – Livestock support and Extension activities in seven Sujala districts namely, Bidar, Kalaburgi, Yadgiri, Gadag, Chamarajnar, Davanagere and Koppal. The project is for a period of over 5 years with a budget of Rs. 936.40 lakhs. The project was formally launched on 04/12/2014 at University Headquarters, Bidar.

Recently, another feather in the cap of the University is the commercialization of the kit developed by Dr. K.M. Shankar, Dean (Fisheries), College of Fisheries, Mangaluru for detecting the deadly white spot virus in shrimps - that was sold to M/s. Virbac Company Ltd., Mumbai for Rs. 10.00 lakhs. I congratulate Dr. K.M. Shankar for the service rendered to the farming community. However, much yet still remains to be accomplished by the University in the years to come in providing service to the farming community.

I am also happy that our University successfully organized 'Januvaru, Krishi, Totagarike & Matsya Mela-2014' held during 27-29 December, 2014 at Bidar in collaboration with University of Agricultural Sciences, Raichur and University of Horticultural



Logo Designed by Dr. Arun Kharate, Bidar

KVAFSU, Bidar completes 10 years of its fruitful existence in the service of the farmer and rural India. To mark the occasion, a year-long Decennary celebrations are planned in 2015 at all the campuses of the university with the motto of serving the farming community.

In this issue, 100 accomplishments/ achievements of the university are highlighted bringing into focus the major research and extension activities from five disciplines namely, Pre and Para Clinical, Clinical, Animal and Poultry Science, Dairy Science and Fisheries Science during the last 10 years (2005-2015).

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Beautification of the Entrance of the Headquarters

In order to depict the importance of the livestock in Indian agriculture four life-like, life size animal models were installed at the entrance of the University in July, 2014.

These animal models have since become the center of attraction for the public of Bidar city. These models are created by the renowned sculpturist, Sri. Solaganappanavar, Haveri and were inaugurated by the Hon'ble Members of Board of Management on 1st August 2014.



One Hundred Achievements of **KVAFSU** University, Bidar

During the Last 10 years 2005-2015

FISHERIES SCIENCES

1. A farmer level diagnostic kit for the detection of white spot viral disease in shrimp using monoclonal antibodies developed and commercialized. This technology was sold to Virbac Pvt. Ltd., Mumbai for Rs. 10.00 lakhs. A farmer can use it in the field himself that costs him only Rs. 50/- per sample!
2. Successfully developed 'AMUR' variety of carp at Fisheries Research and Information Center, Hebbal, Bengaluru. The technology has been successfully transferred to the State Department of Fisheries and Central Institutes. Amur fish seed are being distributed throughout the country and the demand for it is on the increase. 'AMUR' - the most preferred fish of farmer and the Pride of KVAFSU, Bidar.
3. Brood fish development and propagation techniques of indigenous ornamental fishes developed and ready for commercialization.
4. Propagation techniques of ornamental aquatic plants developed and ready for commercialization.
5. Captive brood stock development, induced breeding and larval rearing method have been perfected for olive barb, *Puntius sarana sarana*. Ready for commercialization.
6. A method for captive brood stock development, induced breeding and larval rearing of the Cauvery carp (The State fish of Karnataka), *Puntius carnaticus* developed and ready for commercialization.
7. A method for captive brood stock development, induced breeding and larval rearing of butter catfish, *Ompok bimaculatus*. Ready for commercialization.
8. Kit for Multiplex PCR for shrimp DNA viruses developed. Ready for commercialization.
9. Kit for Reverse Transcriptase Polymerase Chain Reaction (RT-PCR) for the detection of White Muscle Disease (WMD) developed. Ready for commercialization.
10. Recombinant protein vaccine for *Aeromonas hydrophila* infection of fish developed. Ready for commercialization.
11. Recombinant protein vaccine for Edwardsiellosis of fish has been successfully developed. Ready for commercialization.
12. Kit for Rapid detection of *Aeromonas hydrophila* by PCR and dot blot developed. Ready for commercialization.
13. Production of gelatin from fish processing waste developed. Ready for commercialization.
14. Preparation of bioactive peptides from low economic value fish by application of proteolysis technology developed. Ready for commercialization.
15. Ready to eat fish mince-cereal based extruded products developed. Ready for commercialization.
16. Improving the textural properties of fish gelled products by use of endogenous transglutaminase developed. Ready for commercialization.
17. Drying of fish using solar-biomass hybrid dryer successfully designed and demonstrated at the college under EU project. The technology has been transferred to KFDC, Mangaluru and used by fisherfolk.
18. A unique environment-friendly, easy to operate Fish Vending Table designed and fabricated at the College of Fisheries, Mangaluru for sale of fresh fish. Patent under review.
19. Value added products from low economic value fish developed. Ready for commercialization.
20. Development of low cost feed for improved growth rate and better immunity in fish has been achieved and is ready for commercialization.
21. Method to create mass awareness among coastal fisher folk on the need to follow FAO's Code of Conduct for Responsible Fisheries has been demonstrated at 12 major fish landing centers of Karnataka.
22. Bio-film oral vaccine model for finfish and shellfish has been developed. The technology is ready for release.
23. Successfully introduced e-learning module for Fisheries Degree Programme at undergraduate and post-graduate levels as per the ICAR syllabus for the first time in the country.



**Century
Partnership
and beyond...**

PRE & PARACLINICAL VETERINARY SCIENCES

24. Developed Biofilm based vaccine (DBT Project) against Mastitis in bovines.
25. Developed diagnostic tools (DBT Project) for detecting Mycoplasma Infections in poultry
26. Developed DNA based rapid confirmatory tests (ICAR) for detecting Mastitis causing predominant species of bacteria in milk, Infectious Bovine Rhinotracheitis virus in bovines and Bovine Leptospirosis.
27. Patents obtained for detection of Bovine Herpes virus-1; Biofilm based vaccine against Mastitis in bovines; novel biofilm based vaccine for bacterial diseases in poultry.
28. Plastination – a novel technique for preservation of biological specimens has been developed at Veterinary College, Bengaluru for teaching and museum purpose. This technique is unique and environment-friendly inasmuch as it involves recycling of plastic waste and avoids the use of formalin /absolute alcohol.

29. Flash based innovative technique as an aid in teaching Veterinary Anatomy.
30. Biological specimen samples like skins, nails, horns, tusks and bones etc. submitted by the police and forest officials are screened for identification of species by morphological, histological and FTIR.
31. Recognition as Centre of Excellence in Veterinary Pathology at Veterinary College, Bengaluru.
32. FIST programmes to para clinical and pre clinical departments at Veterinary College, Bengaluru.
33. Setting up Laboratory of International standard for diagnosis of Rabies with collaboration of Cruce (Netherlands) and Commonwealth Veterinary Association in Veterinary College, Bengaluru.
34. Biological control of ticks and hornflies with entomopathogenic nematodes and fungi respectively.
35. Smart class boards, e-learning and improvised audio-visual methods and digital library introduced for teaching efficiency.

ANIMAL AND POULTRY SCIENCES

36. The Animal Science Division of the KVAFSU has been striving towards optimizing the health and productive efficiency of livestock. Research activities focused on increased productivity associated with defined quality of product and economical strategies of feeding management.
37. The research contributions have been propagated routinely in the form of conducting training programmes, radio or television telecasts, publication of folders, booklets, popular articles etc. In addition, conducting exhibitions, krishimelas, demonstrations in the model livestock farms and fodder museums have directly benefitted the farmers or other stakeholders involved in livestock production. Capacity building programmes conducted so far on scientific practices have benefitted more than 3000 farmers and 800 veterinary officers of Karnataka state.
38. In the field of Animal nutrition, feeding standards have been validated for Indian dairy cattle and accordingly, scientifically balanced, economical feed formulations evolved. Computerised Feeding programmes have been developed (in CD format) for feeding dairy cattle and sheep, for usage by field veterinarians, learned farmers and feed industries.
39. Feeding strategies developed for dairy cattle with concept of green-fodder free and protein supplement free feeding have been proved economical for raising dairy cows. High energy cattle feed mixtures formulations and specialised feeding management systems have been developed to maximize milk yield and, to produce milk with high protein and SNF content.
40. Post-harvest technology has been developed, wherein, after harvesting the cultivated maize or sorghum grains, the fodder residue has been converted into good quality silage. This has helped the farmers to save huge quantities of fodder available, which would otherwise go waste by burning in the field. On farm trials of feeding the maize or sorghum silage using this technology have been demonstrated and shown to increase the milk yield and milk quality in lactating dairy cows.
41. For feeding during scarcity and drought situations, as a potential source of fodder, spineless cactus (*Opuntia ficus indica*) has been developed and evaluated. Cactus cultivation is being propagated as the best way of low cost fodder production, with its high biomass yield, palatability and, its suitability for hardy soil and extreme weather conditions. Spineless cactus is a good source of water and energy for livestock and, in combination with Moringa fodder (a legume), cactus could make up a completely balanced diet for ruminant feeding.
42. Cattle breeding policy guidelines in Karnataka have been developed and recommended to the Karnataka government department of Animal Husbandry and Veterinary Services. Identification, survey and improvement of indigenous breeds like Malnad Gidda, Amrit Mahal and Deoni cattle is underway. Advanced research facility is available in genetics and breeding with the established Molecular Biogenetic Laboratory at Bengaluru campus.
43. In small ruminant production, stall feeding management system of sheep has been developed with feeding of only chopped straw and cereal grains with nonprotein nitrogen supplements. This has provided optimum growth performance and increased economic returns to the shepherd.
44. In poultry sector, the university introduced long ago, Giriraja, (meat type) chicken, for backyard rearing, with the concept of supplementing to the nutrition and income of the farmer. Latest contribution to this backyard rearing is the development of Swarnadhara, a coloured plumage chicken (egg type) which produces 180 to 200 eggs per year. Recently, Raja-2, a coloured broiler chicken has been evolved intended for commercial production which can help boost the economy of farmers. University is supplying chicks to farmers in large numbers routinely.
45. Bannur Sheep Rearers Association has been formed to facilitate better coordination of management and marketing of Bannur sheep. National Bureau of Animal genetics Resources, Government of India has recognized this and awarded the Best Prize in appreciation of the group.
46. In order to popularise safe meat production Butcher's training programmes have been organised wherein more than 1100 butchers have been imparted with procedures of hygienic slaughter and clean procedures of retailing. University is offering consultancy for establishing small, medium and large poultry processing units. Awareness is being created about the antibiotic and pesticide residues in chicken meat and its effect on the health hazards and

minimizing the levels of these in enhancing the market demand for export is being highlighted. Organized programmes on the slaughter waste management for animal food traders, Environmental officers, Engineers and Municipal administrators.

47. University has documented the impact of livestock activities on the environment in Karnataka in a report "State of environment report Karnataka 2011" published by Environmental Management Policy Research Institute, Government of Karnataka.
48. Institutional Livestock Farming Complex has established model dairy, sheep, pig and poultry farm for teaching and demonstration of modern livestock and poultry farming systems. Besides, a fodder museum has been established displaying more than 25 varieties of commonly cultivable fodder plants and trees used in ruminant production.
49. In Northern Karnataka region, in more than 30 villages under Basavakalyan, Aurad, Humnabad and Balkitalukas of Bidar district, livestock based livelihood support activities have been implemented with significant changes in the socioeconomic development of the farmers. Increased productivity and profits have been realized by introducing and strengthening scientific breeding, feeding management and health care delivery system in crossbred dairy cattle and goat rearing. Upgradation of local Deoni cattle breeds and introducing Osmanabadi breed of goats have helped improving the productivity.
50. Pashubandha, an online monthly Technical bulletin brought out by the university to provide latest information in veterinary research and update the field veterinarians and practitioners about the treatment and skills in scientific management of livestock.

CLINICAL SCIENCE

Department of VSR Veterinary College, Bidar has developed following surgical techniques in animals

51. General Anaesthesia using isoflurane anaesthetic agent for large cattle and buffaloes is developed.
52. Dynamic compression plating (DCP) and Intramedullary Interlocking Nailing (IILN) were introduced for the first time in Karnataka for repair of long bone fractures in Dogs.
53. Surgical suturing technique for the repair of choke in buffalo and cattle is developed.
54. Standing medial patellar desmotomy technique for the treatment of upward fixation of patella under field conditions is developed.
55. Modified technique for the treatment of horn cancer and horn fracture in bovines is developed.
56. New surgical techniques for balanoposthitis, paraphimosis in bulls, bullocks, rams and buck also introduced fibre glass technique on large scale for fracture repair, in heavy bullocks, sheep and goats and low cost nylon bone plating and poly methyl metha-acrylate (PMMA) plates for fracture repair in dogs and goats are evolved.
57. Orbital Cellulitis – An emerging disease in buffalo calves is reported for the first time in India.

Department of VSR Veterinary College, Bengaluru has developed following surgical techniques in animals

58. External Skeletal fixation technique for the repair of long bone and spinal fractures is developed.
59. Application of stem cells in fracture healing in animals developed.
60. Phaco-emulsification for removal of cataract lens in animals is developed.
61. Standardization of Isoflurane anaesthesia in normal and Sick Dogs is done.
62. General anaesthesia isoflurane in ruminants is standardized.
63. Laparoscopic Ovariohysterectomy, Vasectomy, cryptorchidectomy and inguinal hernia repair are developed.
64. Intraocular lens transplantation after cataract surgery is developed in animals.
65. Arthroscopic technique for diagnosis and treatment of joint disorders in animals.
66. Spinal surgery for stabilization of vertebral fractures in animals is developed.
67. Arthrography, Excretory urethrography and osteomedulography techniques are standardized.

Department of VGO, Veterinary College, Bengaluru and Bidar have developed following reproductive techniques in animals

68. Characterization of endometrial thickness as an indice of fertility in bovines was investigated and the results suggested that the technique could be employed as a e fertility index of dairy cattle.
69. As endometritis is a significant cause of infertility in dairy cattle, extensive studies have been carried out towards the diagnosis and treatment of the same. It was observed that Trans rectal Ultrasonography diagnosed endometritis at an earlier stage and its efficacy was significantly superior to other techniques. Further, many of the non antibiotic agents such as LPS and Oyster glycogen were found to be superior for treatment as compared to conventional antibiotic therapy.
70. The technique of semen collection and AI in ewes is standardized.
71. The ultrasound characteristics of ovine fetus at different stages of gestation were established.
72. The pharmacological termination of pregnancy in dogs was standardized and the protocol developed is now being extensively used by Veterinary practitioners.

73. Key hole surgical techniques for spaying in cats and dogs was developed.
74. The Department of Veterinary Gynaecology & Obstetrics, Veterinary College, Bidar started Semen Collection Centre in Deoni bulls, NARI Suvarna rams and Boer bucks and chilled semen is available for insemination of cows, sheep and goats.

INSTITUTE OF ANIMAL HEALTH AND VETERINARY BIOLOGICALS, HEBBAL, BENGALURU

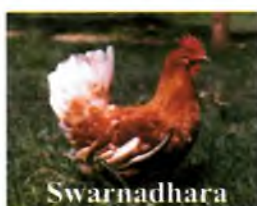
75. Contributed to eradication of Rinderpest disease by producing and supplying vaccine on large scale.
76. The detailed studies on Parthenium hysterophorus a weed associated with human allergy, were undertaken to identify the allergen using animal model in collaboration with Indian Institute of Science.
77. Established the Seroprevalence of Trypanosomiasis in cattle and wild felines in Karnataka.
78. Developed molecular methods for the confirmatory diagnosis of Bluetongue and studied the Epidemiology of Blue tongue disease in sheep with molecular characterization of bluetongue virus isolate (sponsored by Karnataka Sheep and Sheep Products Development Board).
79. First to produce tissue culture Rabies vaccine for animal use.
80. Developed bivalent vaccine for Bluetongue for the first time in India for control of Bluetongue. One virus isolate (BTV-16) has been incorporated in pentavalent vaccine developed by ICAR.
81. First to develop tissue culture adapted classical swine fever vaccine in India.
82. First to identify the Malignant Catarrhal Fever (MCF) in Karnataka using molecular diagnostic methods.
83. Produced the Peste des Petits Ruminants (PPR) vaccine on large scale and contributed in effective control of the disease and thereby preventing economic loss to farmers.
84. Microbial fermentation technique was established in GMP standard labs to scale up the vaccine production and contributed to 100% vaccination of livestock against important diseases.
85. Identified many Wildlife diseases like Rabies in elephants and leopard, Haemorrhagic Septicaemia and Anthrax in Bison and Elephants, RP in Bisons, Theileriasis and Babesiosis in Bisons, Trypanosomiasis in captive and wild felines.
86. Developed Duck Cholera vaccine and contributed to control the disease in ducks and turkeys.
87. Southern Regional Disease Diagnostic lab has been established to give referral diagnostic services to southern states.
88. Rapid plate Mycoplasma diagnostic antigen has been developed and being used for diagnosis of the disease.
89. Institute is providing diagnostic services at farmers door steps and vaccine distribution through the network of 17 Animal Disease Diagnostic Laboratory and Information Centers of KVAFSU.

DAIRY SCIENCE

90. The college has developed numerous technologies in the area of indigenous dairy products like paneer, Khoa, gular jamoon etc and in the production of functional foods in meeting nutritional deficiencies.
91. Geriatric and weaning foods are developed.
92. Studies are under way to modify the processing of milk and milk products in order to improve the keeping quality and reduce the energy use.
93. Several National level seminars have been organized by the College on Green technologies and FSSAI.
94. Training programmes are being imparted on regular basis to house wives, personnel of dairies on quality testing and quality assurance.
95. Good learning is encouraged by good infrastructure and good ambience. In our college constant endeavor is made to improve infrastructure facilities, ambience and quality of education. Wi-Fi Internet, digital library and competent teaching faculty is the main focus of the College in this endeavor.
96. The laboratories of Dairy Science College carry out test on milk and milk products to assess the microbial and chemical qualities.
97. The college gives consultancy on dairy products, quality testing and installation of equipment of the dairies of KM and also private dairies.
98. Significant achievements on clean milk production has been achieved by Department Dairy Microbiology, Chemistry and Technology by preparing a video for spreading the message of clean milk production among the dairy farmers for the purpose of extension.
99. During 2008-09 a new Dairy Science College was started at Mahagaon to impart training in Dairy Technology, with an intake of 30 students per batch.
100. Started two MBA (FOOD BUSINESS) programmes on a self-financing mode in 2009 which is one of its kind in the country and the only MBA program from a Veterinary University in the country. Around 70 students are graduated and are very well placed.

OTHER ACHIEVEMENTS BY THE UNIVERSITY.....

1. Demonstrated the anti diabetic activity of plants *Momordica charantia*; *Trigonella foenum graceum* *Coccinia indica*; *Gymnema sylvestre* ; *Pterocarpus marsupium*; *Swertia chirayita* in the experimental study conducted in rats and also in cow urine.
2. Validation of several chemotherapeutic agents ,biologicals and agents for treatment and diagnosis.
3. Successfully executed field based research work to demonstrate anthelmintic resistance in sheep and cattle, coccidiostats in poultry and acaricidal agents for ticks.
4. Hormone based research to understand infertility in large animals.
5. Focused human resource development activity for capacity building of teachers/scientists by way of training programmes and continuing education.
6. Strengthening post graduate programme through Masters and doctoral degree programme in 7 out of 8 departments.
7. Disease diagnostic services are extended on regular basis for the farmers, veterinarians and medical institutions.
8. The Veterinary College, Bengaluru has adopted a village Somathanahalli in Bengaluru Rural district for development of dairy and livelihoods. A bench mark study on the status of dairy and other livestock products along with livelihood has been prepared. Alternative interventions are being examined to meet the objectives of the program.
9. College has an active SC/ST and women cell which pro actively addresses the problems faced by these vulnerable groups. So far our college has not been faced any problem with regard to this.
10. Final year B.Tech (D.Tech) students undergo vigorous Hands on training to mould them to take up work related to dairy and food industry. In addition, 10 days of Rural Dairy Work Experience Programme (RDWEP) is included as a part of curriculum to encourage clean and pure milk production from dairy farmers which serves as sole means for preparation of best quality final milk products.
11. The students of B.Tech (D. Tech) have high degree of competence and are preferred for employment in overseas Dairy such as Almarai the largest integrated dairy in middle east. Feed back about their performance is very encouraging.
12. Successful adoption of Haniyur and Yeliyuru village (North Bengaluru) providing input to farmers with comprehensive knowhow, subsidies, treatment coverage etc. to benefit and improve the livestock wealth and economy of livestock rearers in these villages.
13. A motorized hoist - sick animal lifter and ambulance vehicle – Dhanvantri is introduced to lift the sick animals from farmer door step to the multi specialty Veterinary Hospitals of Bidar, Bengaluru and Shivamogga under the financial support through Rastriya Krishi Vikas Yojana.
14. Preliminary studies indicated that treatment of infertile cows with hCG, oxytocin or 10 % dextrose intrauterine significantly improved the conception rate.
15. Studies also indicated that caesarean section carried out through a ventral oblique flank incision was easier, rapid and with less post operative complications than paramedian or left flank approach.
16. Delayed ovulation was diagnosed to be the most common cause of repeat breeding and was best treated using ovsynch protocol.
17. The reproductive parameters in NAARI SUVARNA ewes which were so far not available was generated.
18. Information was also generated regarding the reproductive efficiency parameters in Osmanabadi goats.
19. The protocol for medical treatment of pyometra has been established.
20. All the four Veterinary College hospitals have been equipped with state of art facility with modern diagnostic equipments such as ultra Sound Scanner (including rectal probe), ECG, endoscopy, C-arm, phacoemulsifier, hematology and biochemical auto analysers, urinary analysers and fluorescent microscope, etc. Hospitals have animal ambulance cum fleet, motorized hoist, hydraulic operation table, large animal anaesthesia machine, fork lift truck, etc.
21. RKVY projects in clinical departments and Niche area of excellence projects in para clinical and clinical departments to provide state of art facilities for diagnosis and treatment.
22. The Department of VSR, Veterinary College, Bidar established large animal operation theatre with state of art facility. Large number of suffering animals are brought by farmers from near by villages are being treated regularly.
23. In Veterinary College, Bidar, under the financial assistance of Rs. 98.00 Lakhs from Indian Council of Agricultural Research, New Delhi, CRITICAL CARE UNIT was established at City Hospital (TVCC), APMC, Yard, Bidar to cater the needs of emergency and critical veterinary patients.
24. Establishment of teaching animal herd at Dept. of VGO, Veterinary College, Bengaluru.
25. Development of NAARI SUVARNA sheep flock at Dept. of VGO, Veterinary College, Bengaluru.





JANUVARU, KRISHI, TOTAGARIKE & MATSYA MELA - 2014



The Karnataka Veterinary, Animal & Fisheries Sciences University (KVAFSU), Bidar, University of Agricultural Sciences Raichur and University of Horticultural Sciences, Bagalkot, jointly organised a "Januvaru, Krishi, Totagarike & Matsya Mela-2014" during December 27-29th, 2014 at KVAFSU, Nandinagar Campus, Bidar for the benefit of farming community.

Agriculture, KMF, Watershed Development etc. stalls besides the KVAFSU. Further, a good number of stalls from private entrepreneurs and industries were also set up and displayed their activities. About 25000 farmers attended the mela during the three days and benefited. The highlight of the mela was the display of technologies in Agriculture, Animal Husbandry, Dairy, Fisheries and



The Fair (mela) was inaugurated by Shri. T.B. Jayachandra, Hon'ble Minister for Animal Husbandry & Pro-Chancellor of the University who said that this type of melas will help the farming community to improve their livelihood. Sri. Ashok Kheni, Hon'ble MLA, Bidar (South) presided over the Inaugural Ceremony. Dr. C. Renukprasada, Vice-Chancellor, KVAFSU, Bidar; Dr. P.M. Salimath, Vice-Chancellor, UAS, Raichur; Dr. D.L. Maheshwar, Vice-Chancellor, UHS, Bagalkot; Dr. C. Vasudevappa, Vice-Chancellor, UAHS, Shivamogga; Sri. Harsh Gupta, Principal Secretary, Department of Animal Husbandry & Fisheries, GoK, Bengaluru; Hon'ble Members of Board of Management, KVAFSU, Bidar; Dr. Dr. K.P. Vishwanath, Director of Extension, UAS, Raichur; Dr. N. Nagaraj, Director of Extension, UAS, Bengaluru and all the Officers, teaching faculty, non-teaching staff and students of the University and farmers were present on the occasion. Dr. S.M. Shivaprakash, Director of Extension, KVAFSU, Bidar was the Chairman of the Local Organizing Committee. Five Extension publications were released on that occasion.

In the mela a total of 140 stalls were erected to display the research and extension activities by different agricultural Universities, State Development Departments such as Fisheries, Animal Husbandry,

other related areas. The main attraction of the mela was the exhibition of different types of breeds of livestock namely, cattle (Deoni, Khillar, Red Khandar, Gir etc. buffaloes (Murrah, Jafferbadi etc.), horses, dogs, Na Suwarna sheep, Boer goat, rabbit and different types of poultry birds including some of the rare breeds, food crops and fishes namely, food fishes, ornamental fishes etc. Technical Consultancy Cell was established in the mela to give technical guidance on different aspects of Agriculture, aquaculture, fisheries and livestock farming and dairy science & technology during the mela for the benefit of farming community. Interesting demonstrations and skill shows were also arranged on 28th December, 2014 for the benefit of children, farmers and public.

A total of 15 Best farmers were felicitated and awarded with cash prize of Rs. 5,000/- for each along with citation of their best performance in the areas of dairying, animal husbandry, poultry, fishery, agriculture and horticulture selected from across different districts of Karnataka. The KVKs spread across the state helped us in the selection process.

The Valedictory Function was held on 29-12-2014 at 3.00 PM. Prof. R.N. Srinivas Gowda, Former Vice-Chancellor, KVAFSU, Bidar; Prof. K. Devaraj, Former Vice-Chancellor, UAS, Bengaluru and Dr. S.A. Patil, Former Vice-Chancellor, UAS, Dharwad

and Dr. B.S. Janagoudar, Director of Research, UAS, Raichur were the Chief Guests.

Sri. Shivayya Swamy Kamathana, Member, Indian Animal Welfare Board; Dr. A.B. Patil, Director of Extension, UHS, Bagalkot; Hon'ble Members, Board of Management, KVAFSU, Bidar and Officers of KVAFSU, Bidar were the Guests of Honours. Dr. C. Renukprasad, Hon'ble Vice-Chancellor, KVAFSU, Bidar presided over the function. Dr. S.M. Shivaprakash, Director of Extension & Chairman of Local Organizing Committee welcomed the gathering and presented a brief report of the mela.

The significant impact of the mela was the organization of 'Farmer-to-Farmer' interaction session on dairying, fisheries, horticulture, agriculture, seed production and organic farming etc. A total of four sessions, namely Ornamental fish culture and Scientific fish farming, Management of livestock during draught, Integrated farming and conservation of indigenous breeds of cattle and Fodder production were held during the mela.

The programme was well received by the farmers and public as per the feed back received from them and good awareness was created about Integrated Farming involving agriculture, animal husbandry and fisheries; livestock farming as a source of livelihood security. The Fair was very well covered in the media both in press and in electronic media (TV & Doordarshan). KSRTC had arranged city bus service to transport farmers, public and school children to the mela. Thousands of school children witnessed the exhibition.

Agencies participated in the 'Regional Agricultural Fair'

1. Organizers – Karnataka Veterinary, Animal & Fisheries Sciences University (KVAFSU), Bidar, University of Agricultural Sciences Raichur and University of Horticultural Sciences, Bagalkot.
2. Department of Animal Husbandry & Veterinary Services, Government of Karnataka, Bidar.
3. Department of Agriculture, Government of Karnataka, Bidar.
4. Department of Fisheries, Government of Karnataka, Bidar.
5. Department of Watershed Development, Government of Karnataka, Bidar.
6. Department of Horticulture, Government of Karnataka, Bidar.
7. Department of Sericulture, Government of Karnataka, Bidar.
8. Department of Agricultural Marketing, Government of Karnataka, Kalaburagi.
9. Karnataka Milk Producer's Union (KMF), Bidar and Kalaburagi.
10. Zilla Panchayat (all Development Departments), Bidar District.
11. University of Agricultural Sciences, Dharwad.
12. A large number of private organizations in Organic Farming, Agricultural Implements, Animal Husbandry & Veterinary Equipments & Diagnostics, Feed & Fodder Companies; Fertilizer & Agro Industry Companies have participated by setting up of stalls in the mela.

The Diamond sponsors for the Mela were National Fisheries Development Board, Hyderabad; Canara Bank, Nandinagar Branch, Bidar; State Bank of India, Bidar; State Bank of Hyderabad, Bidar; NABARD, ICAR, New Delhi; Department of Animal Husbandry & Fisheries, Government of Karnataka, Bengaluru; Department of Agriculture, Bidar and KVAFSU.

Glimpses of Januvaru, Krishi, Totagarike and Matsya Mela 2014







Dog Show at JKTM - 2014



The Magestic Horse - At the feat of its Master !



LIVE ANIMAL SHOW



ಬಗ್ಗಲಾ ತಾ|| ಜಿ|| ಅಧಿಕಾರ

ಮೊ : 944



Small Ruminants Show in the Mela





Inauguration of Second phase Civil works of Veterinary College, Shivamogga



Hon'ble Chief Minister of Karnataka Sri. Siddaramaiah inaugurated the Second phase civil works of Veterinary College, Shivamogga. On this occasion Hon'ble Minister for Animal Husbandry, GoK, Sri T.B. Jayachandra and other Hon'ble Ministers Dr. H.C. Mahadevappa (PWD), Sri. Kimmane Rathnakar (Secondary Education) graced the function. Dr. C. Renukprasad, Hon'ble Vice Chancellor, KVAFSU, Bidar and Members of Board of Management, KVAFSU Bidar were present.

XVIII National Training programme

ICAR sponsored National Training Programme on "Advanced techniques in detection and control of Parasitic diseases" organized by Department of Veterinary Parasitology, The Center for Advanced

Faculty Training, during 10-30th November 2014 at Veterinary College, Hebbal, Bengaluru.

The participants comprised of 23 teaching staff from eleven different states namely Andhra Pradesh, Chhattisgarh, Gujarat, Jammu & Kashmir, Karnataka, Madhya Pradesh, Orissa, Rajasthan, Tamil Nadu

Telengana and Uttar Pradesh. The XVIII National Training Programme was inaugurated by Dr. C. Renukprasad, Hon'ble Vice Chancellor, KVAFSU, Bidar, Dr. H.M. Jayaprakasha, Registrar Guest of Honour and Dr. S. Yathiraj, Dean, Veterinary College, Bengaluru presided over the function. The ICAR expert Dr. P.S. Banerjee, Principal Scientist & Head, Division of Veterinary Parasitology delivered valedictory address.



Launching of KVAFSU-Sujala-III project on “Livestock support and Extension activities” implemented by KVAFSU, Bidar

Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar is one of the consortium partners on the World Bank aided KWDP-Sujala-III Project implemented by the Government of Karnataka. The University has been assigned the task of carrying out the project on 'Livestock support and Extension activities' in seven Sujala districts. The project is for a period of over 5 years with a budget of Rs. 936.4 lakhs. The project was formally launched on 4/12/2014 at University Headquarters, Bidar.

Dr. P.C. Jaffer, Deputy Commissioner, Bidar, inaugurated the project in the presence of Shri Nagbhushan Kamtane and Shri Mallikarjun Biradar, Hon'ble members, Board of management, KVAFSU. The occasion was graced by Dr. H.M. Jayaprakasha, Registrar, Dr. S.M. Shivaprakash, Director of Extension, Dr. N.A. Patil, Comptroller, Dr. S.M. Usturge, Dean, Veterinary College, Bidar



Dr. P.C. Jaffer, Deputy Commissioner inaugurating the Launching Programme

Dr. Y. Basavaraju, Associate Director of Research & Nodal Officer, Sujala-III Project welcomed the dignitaries and invitees and highlighted the key features of activities under Sujala-III. He said that the university would use this opportunity to educate farmers about livestock rearing and integrated farming and its benefits. The project would be taken up in seven districts, four of which are in the Hyderabad-Karnataka

region. He also gave a brief account of proposed activities which include demonstrations on Animal health, development of green fodder, Animal nutrition and feed management, backyard poultry, value added milk and milk products, inland aquaculture in short seasonal tanks/farm ponds and establishment of semen banks for small ruminants etc.

Dr. P.C Jaffer in his inaugural speech highlighted the importance of animal component in improving livelihoods of rain-fed farmers and also he stressed that Hyderabad –Karnataka region being rural oriented and livestock is an important activity, this project should help in improving livelihood of farmers through scientific interventions enhancing income generation activities.

Dr. C. Renukprasad, Vice Chancellor, KVAFSU, Bidar in his presidential address highlighted the contribution of university specially in controlling important livestock diseases in the state, and assured that university will take all steps to make this project a successful one for improving the livelihood of farmers in rain fed areas through livestock interventions .

Orientation programme on SUJALA-III-Project on Livestock support



Dignitaries at the inaugural programme

Dr. Y. Basavaraju, Nodal officer, Sujala –III welcomed all the invitees and the participants of the programme and introductory remarks

about the project. The session started with presentation of Dr. Y. Basavaraju, Nodal officer, Sujala –III. He briefed about the project and highlighted the key features of the sujala III Project. Dr. Seetharam, Sheep Board, Bengaluru gave a presentation on Sheep and goat rearing techniques. Dr. Shriramchandramurthy, Joint Director (Animal Husbandry), WDD, GOK highlighted on Livestock based activities in Watershed and explained the importance of animal component in improving the livelihoods of rainfed farmers. Dr. K.C. Veeranna,



Triumphant Team of Veterinary College, Hassan with the University Officials

Fifth Conference of Society of Toxicologic Pathology – India

Fifth Conference of Society of Toxicologic Pathology – India – Continuing Education in Toxicologic Pathology – Endocrine and Gastrointestinal System was organized by Society of Toxicologic Pathology – India (STP-I) & International Federation of Societies of Toxicologic Pathologists (IFSTP) at “Chancery”, The Atria Hotel, Bengaluru on 31st October 2014.

Graduation Day Celebration

Graduation Day celebration – 2014 was organized by outgoing B.V.Sc. & A.H. students on 16th July 2014 at Veterinary College, Bengaluru. The programme was inaugurated by a well known Kannada writer, Prof. Baraguru Ramachandrappa. Dr. S. Abdul Rahman, President, Commonwealth Veterinary Association, Dr. B.V. Shivaprakash, Director of Student Welfare, KVAFSU, Bidar, Dr. U. Krishnamoorthy, Associate Director of Research, KVAFSU were present. Dr. S. Yathiraj, Dean, Veterinary College, Bengaluru presided over the function.



Training programme on “Hygienic Meat Processing and Solid Waste Management”

Training programme on “Hygienic Meat Processing and Solid Waste Management” for butchers and other meat workers” was organized jointly by NMPPB, MoFPI, Govt. of India and Dept. of LPT, Veterinary College, Bengaluru at City Municipal Corporation, Chitradurga on 2nd June 2014.

Freshers’ Day-‘Kshitija’– 2014

Freshers’ Day-‘Kshitija’– 2014 was organized by the 3rd Year B.V.Sc. & A.H. students to welcome the newly admitted students on 9th October 2014 at Veterinary College, Bengaluru.

Foundation Day of the Veterinary College, Bidar

Veterinary College, Bidar celebrated its 30th foundation day on 14th Nov. 2014. The programme was held to commemorate the event and a technical seminar was also organized. Dr. S.M. Usturge, Dean, Veterinary College, Bidar presided over the programme and Dr. K.V. Kulkarni, Director, National Research Centre on Meat was the Chief Guest. Mr. Nagabhushan Kamthane Member of Board of Management and University officers Dr. N.A. Patil, Dr. B.V. Shivaprakash, Dr. U.S. Biradar were present. Guest recalled the memories of Growth of Veterinary College since its inception and later a technical seminar on Indian Meat Industries was delivered by Dr. K.V. Kulkarni.



Kanakadas Jayanti

On 8th November-2014 Kanakadas Jayanti was celebrated at University Headquarters. Members of Board of Management Mr. Nagbhushan Kamthane, Mr. Mallikarjun Biradar were the Chief Guests who performed the pooja of Saint Kanakadas. Mr. Krishnamurthy, a singer from Bengaluru participated in the programme and sang several bhajans and keertanas of Kanakadas. University officers Dr. S.M. Shivaprakash Dr. N.A. Patil Dr. U.S. Biradar were present and Dean, Veterinary College, Bidar presided over the programme.



Swachh Bharath Abhiyan (2014-2019) inaugurated

Gandhi Jayanthi was celebrated on 2nd Oct. 2014 at Veterinary College, Hassan by inaugurating the Swachh Bharath Abhiyan, in response to the call made by Hon'ble Prime Minister, for Swachh Bharat. Dr R.D. Padalkar, Dean I/c, Veterinary College, Hassan, inaugurated the programme. An oath to a cleaner campus was taken by all the staff and students present during the occasion. As a part of the cleanliness drive, every Thursday afternoon, atleast one hour is dedicated to the cause, by staff and students of the college.



Swacha Bharath Programme-Organized

NSS unit of Veterinary College, Shivamogga organized 'Swacha Bharath Programme' at Devakatikoppa Village, Shivamogga Taluk on 20th December 2014. The programme was inaugurated by Sri. Basavaraju, Grama Panchyat member and Dr. R.V. Prasad., Dean, Veterinary College Shivamogga graced the function. Sri. Prakash, Grampanchayat member, Devakatikoppa presided over the function and also staff and students of Veterinary College, Shivamogga were participated. Dr. Giridhar, K. S. Programme Officer, Dr. Vijaykumar, S., Dr. K C Veeranna Coordinator NSS, KVAFSU, Bidar participated in the programme and stressed the need based Swacha Bharath activities to carry out in the village.



Swatch Bharat Abhiyan

The NSS units of Veterinary College, Bidar organized "Swatch Bharat Shapat Programme" on 2nd Oct. 2014. In the programme Swatch Bharat Shapat was administered to all the faculty and students. Followed by the programme Shramadan was carried out by the faculty and students by cleaning the campus. Dr. S.M. Usturge, Dean, Veterinary College, Bidar and senior faculty were present.



Swatch Bharat Abhiyan



The Hon'ble Vice-Chancellor and Registrar participated in the programme participated in cleaning the campus as a part of Swachh Bharat on 2nd and 20th October 2014.



Sri. Harsha Gupta, IAS, Principal Secretary, Dept. of AH & F, Govt. visited the Veterinary College, Bengaluru on 24th November 2014. He was taken on a tour to the clinical departments, Dairy farm & the college activities were presented.

Training programme on 'Mastitis and its control for production of quality milk'

The Department of Veterinary Public Health & Epidemiology organized three training programmes on 'Mastitis and its control for production of quality milk' in association with Hassan Milk Union Limited (HAMUL). Inaugurating the first programme on 11th July 2014, Dr. H. Narasimha Murthy, Dean, Veterinary College, Hassan called upon the participants to sincerely make efforts to educate the farmers in clean milk production. Mr. Gopalaiah, Managing Director, HAMUL and Dr. Placid D'Souza graced the occasion. Primary Milk Co-operative Society Secretaries, Milk testers and Artificial Inseminators totaling 88 took part in the three training programmes. The second and third trainings were conducted on 14th Aug., 2014 and 30th Sept., 2014 respectively. Dr. Ravikumar, P. Co-ordinated the programme.



Dr. H.N. Narasimha Murthy, Dean, Veterinary College, Hassan releasing the training manual

Trainings programme on Writing Project Proposals under SCP/TSP Component

Training Programme on 'Writing Project Proposals' was organized at Veterinary College, Hassan between 30th and 31st July, 2014, under SCP/TSP Component Programme for the staff of the College. Dr. Placid M D'souza, Dean(I/c), inaugurated the programme.

Dr. Sahadev, A., Convenor, SCP/TSP Component, Dr. Narayana Bhat and Dr. Manjunatha, L., chaired the dais. 13 staff of the Veterinary College, Hassan participated in the programme.

Training Programme on 'Administrative Skills' was also organized under SCP/TSP Component for teaching and non-teaching staff of Veterinary College, Hassan on 7-8th Aug. 2014. Various issues related to administration were dealt with during the programme. 17 staff participated in the training programme.



Dr. Placid D'Souza, Dean (I/c), Veterinary College, Hassan addressing the trainees

Hands on Trainings on 'ECG, Ultrasonography, C-Arm & Vet Patient monitor'

Hands on training in advanced diagnostic equipments namely ECG, Ultrasonography, C-Arm & Vet patient Monitor' was organized by Dept. of TVC Veterinary College, Hassan on 19th Dec. 2014. Dr. H.N. Narasimha Murthy, Dean, inaugurated the training programme. Dr. Dharmappa, Deputy Director, Dept. AH & VS, Hassan and Prof. M. Narayana Bhat, spoke on the occasion. 15 Veterinary Professionals of Hassan District underwent the training.

'Amrithmahal Field Performance Recording Project'- Launched

Karnataka Livestock Development Agency sponsored project - 'Amrith Mahal Herd Registration and Field Performance Recording' was launched on 10 Sept. 2014 at Veterinary Hospital Kadur. Dr. Jaffrul Khan, Joint Director, Farms, Dept. of AH & VS inaugurated the programme. Dr. Halagappa, Deputy Director, Amrithmahal Farms, Dr. Srinivas, P., Deputy Director, Chickmagalur, Mr. Balbeer, Asst. Registrar Central Herd Registration Programme, Ongole, Andhra Pradesh graced the occasion. Dr. Naveen Kumar, G.S. Principal Investigator of the Project briefed about the project. Veterinary Officers of Tharikere and Kadur taluks of Chickmagalur district and field supervisors were present. Dr. Basavaraj Inamdar, Co-PI, coordinated the programme.



Dr. Naveen Kumar, Principal Investigator briefing about Amrith Mahal Project

National Sports Day

National Sports Day was celebrated on 29th August, 2014 at Veterinary College, Hassan. The contribution of legendary Hockey Wizard of our nation, Major Dhyana Chand, on whose birth day the National Sports Day of India is being celebrated was remembered on the occasion.



National Sports Day inauguration by Dr. M. Narayana Bhat

Hassan Veterinary College team bags runners up in Women's Shuttle Badminton

Veterinary College, Hassan Women's Shuttle Badminton team bagged Runner-up in KVAFSU, Inter-Collegiate Badminton and Basket Ball tournament held at College of Fisheries, Mangaluru on 30th of September and 1st of October-2014.



Veterinary College, Hassan Shuttle Badminton Team with Dr. B.V. Shivaprakash, DSW, KVAFSU, Bidar

Training Programme on Scientific Rabbit Rearing

Extension Education Centre (EEC), Veterinary College, Hassan organized a One-day training programme on 'Scientific Rabbit Rearing' on 27th Nov. 2014. Dr. H.N. Narasimha Murthy, Dean, Veterinary College, Hassan inaugurated the programme. About 37 farmers participated in the training programmes. Rabbit meat product preparation demonstration was also conducted to highlight the importance of rabbit meat.



Dr. H.N.N. Murthy, Dean, HVC, inaugurating the training programme

Calf Health Camp & Rally Organized

Calf health camp cum rally was organized by EEC, Veterinary College, Hassan at Halekoppalu village on 10th Nov. 2014 in association with Godrej Agro-Vet Ltd. About 100 calves participated in the camp. All the calves were checked for their health and dewormed. Calf rally was also held and prizes were given to owners of the best calves under 0-6 months and above six months categories.



Winners of the Calf Rally being felicitated by Dr. Guruprasad & Dr. Venkatesh, Veterinary College, Hassan

Vanyajeevi – a quarterly e-Bulletin

Institute of Wildlife Veterinary Research, Doddaluvara, Kodagu started publishing Vanyajeevi – a quarterly e-Bulletin for Veterinarians. Hon'ble Vice Chancellor, KVAFSU, Bidar is the Chief Patron and The Director of Extension, KVAFSU, Bidar is the Patron for the bulletin. Prof. H. A. Upendra, Director, IWVR is the Chief Editor and Dr. Madhukar, Assistant Professor, IWVR, is the Editor. The first issue of Vanyajeevi was released by Prof. S. Abdul Rahman, President of Commonwealth Veterinary Association, on 15th October 2014 at Kodagu. The second issue of the bulletin was released by Shri. Ashok Kheni, MLA, Bidar South on 27th December 2014 at KVAFSU, Bidar.



Wildlife Week – 2014 Celebrated

Institute of Wildlife Veterinary Research celebrated Wildlife Week – 2014 during October 2014 by conducting various activities to spread awareness. More than 500 school children from rural areas were shown wildlife educational movies. For the veterinarians of the district, a One-day workshop was held on 15th Oct. 2014 on 'Role of Veterinarian in Wildlife Conservation'. The workshop was graced by Prof. Abdul Rahman, President, Commonwealth Veterinary Association, Dr. S.M. Shivaprakasha, Director of Extension, KVAFSU, Bidar, and The Joint Director, AH & VS. The programme was organized by Prof. H.A. Upendra. Prof. Abdul Rahman inaugurated the event and delivered the title talk to 30 veterinarians of Kodagu District, AH & VS.

Training programme on 'Diagnostic approaches in Wild Animal diseases'

Institute of Wildlife Veterinary Research conducted a Two-day training programme on 'Diagnostic Approaches in Wild Animal Diseases' during 16-17th Oct. 2014. The programme was sponsored by Directorate of Extension, KVAFSU, Bidar. Dr. Nagaraj, Deputy Director, AH & VS, Madikeri inaugurated the event. The programme was attended by AH & VS Veterinary Officers from different part of the state. The programme was organized by Prof. H.A. Upendra (Course Director) and Dr. Madhukar (Co-Course Director).



Training to SHG Members on Value Added Dairy Products

A One-day training programme was organized by the Extension Education Centre, Veterinary College, Bidar on "Preparation of value added milk products" for SHG women on 21-08-2014. In the training hands-on demonstration was made by involvement of trainee women. In total, 55 SHG women were benefited by the programme.



University Exhibition stall in JKT & M Me – 2014

The Extension Education Centre, Veterina College, Bidar participated in the 'Januvaru, Krisi Totagarike & Matsya Mela-2014' by KVAFSU during 27-29th Dec, 2014. The University and College activities were exhibited during the programme. The Veterina College, Bidar stall was awarded as 'The Best Stall' among the Veterinary Colleges.



"National Milk Day" observed at Dairy Science College, Mahagaon, Kalaburagi

To commemorate Birthday of Dr. Verghe Kurien, on 26th Nov. 2014 "National Milk Day" was celebrated at Dairy Science College, Mahagaon Cro Kalaburagi. Speaking on the occasion Dr. D.B. Puran OSD highlighted the contribution of Dr. Kurien in Co-operative Dairying. He advised the students to be studious and help the dairy farmers by following the principles of Dr. Kurien. Teachers and Students of the college participated in the celebration. Milk sweets were distributed on the occasion.



Rural Dairy Work Experience at Pattana Village, Kalaburagi By Dairy Science College, Kalaburagi

'Rural Dairy Work Experience' (RDWE) camp for final year B.Tech (D.Tech) students was organized from 20.12.2014 to 29.12.2014 in Pattana Village of Kalaburagi District situated about 45 kms from Dairy Science College, Kalaburagi. The inaugural function of the RDWE was held on 21.12.2014. Chief Guest, Shree Revanasiddappa V. Patil, President, Gulbarga-Bidar-Yadgir District Co-operative Milk Producers Union Limited (GUMUL) inaugurated the function. Speaking on the occasion Shree Revanasiddappa Patil stressed the need for an increased milk production in the area and this could be possible by the continuous co-operation of farmers and the technical people. Dr. D.B.Puranik, Special Officer, Dairy Science College, Kalaburagi in his presidential address asked the students to study the problems faced by the farmers and help the farmers technically to overcome the difficulties in running profitable dairying. Dr. Puranik further requested the President, GUMUL, to institute scholarships for Hyderabad-Karnataka students of Dairy Science College, Kalaburagi and also a Gold Medal from GUMUL for students among HK Region who excel in B. Tech (D.Tech) of DSC, Kalaburagi.

During the ten days long programme technical talks on animal husbandry, preparation of traditional milk products, prevention and control of major diseases of animals, scientific cultivation fodder crops etc. were arranged. Mr. Rajanna, Co-ordinator of the programme spoke on the various activities of Rural Dairy Work Experience. Dr. Sharanagowda Patil proposed the vote of thanks.



The Grand Book Exhibition Held

A Two-day grand Book Exhibition was organised at Main Campus Library, KVAFSU Bidar from 21-22nd Nov. 2014. Hon'ble Vice-Chancellor inaugurated the book exhibition. On this occasion Dr. H.M. Jayaprakash, Registrar; Dr. S.M. Usturge, Dean, Veterinary College, Bidar; Dr. N.A. Patil, Comptroller; Dr. U.S. Biradar, Director of Instruction (PGS); Dr. E

Narayanappa, University Librarian (I/c.), and Dr. U.S. Jadhav Deputy Librarian (I/c) were present. During the book exhibition a wide range of books from all disciplines of Veterinary, Animal, Fisheries and Dairy Sciences and books on general topics and biographical books were on display. More than 3000 books were on display and a good number of books of latest edition were selected for the University Libraries.



Fish Farmers' Day

Fisheries Research and Information Centre (Inland), Hessarghatta, Bengaluru observed the 'Fish Farmer Day' on 10th July 2014. As part of Fish Farmers Day a One-day training programme was organized on "Inland fish culture". The training programme which was sponsored by the Directorate of Extension KVAFSU, Bidar was inaugurated by Dr. Srinivas Reddy, Principal Scientist, Zonal Project Directorate MRS, Hebbal, Bengaluru. Dr. H.R.V. Reddy, Director of Research, KVAFSU, Bidar presided over the function. Dr. K.N. Prabhudeva, Professor and Head, FRIC Hebbal, Bengaluru and Dr. K. Satyanarayan, Professor and Head, Extension Education Centre, Veterinary College, Hebbal, Bengaluru were the Chief Guests. Dr. Y. Basavaraju, Professor and Head, FRIC(I) Hessarghatta and Dr. G.Y. Keshavappa, Farm Superintendent, FRIC(I), Hessarghatta were present. Around 30 Inland fish farmers benefitted from the programme.



Training Programmes on Scientific Pig farming



EEC, Shivamogga organized a training programme on Scientific Pig Production at Veterinary College, Shivamogga. The Training programme was inaugurated by Dr. R.V. Prasad, Dean, Veterinary College, Shivamogga. Dr. K.C. Veeranna, Course Director, highlighted the significance of Pig Production. In valedictory programme Dr. H.T. Gowda, Director of Extension, UAHS, Shivamogga released the Pig Production folder. A total of 32 farmers participated in the programme.

Sheep and Goat rearing for Rural Empowerment - Training Programme held



EEC, Shivamogga organized training programme on Sheep and Goat Rearing for Rural Empowerment at Veterinary College, Shivamogga on 12-09-2014. 72 innovative farmers participated. The training programme was inaugurated by Mr. Karagodu Rathnakar, President, Zillah Panchayath, Shivamogga. Dr. R.V. Prasad Dean, Veterinary College, Shivamogga, Dr. K.C. Veeranna Course Director and Dr. S. Vijayakumar Course Coordinator were present on the occasion.

Training Programme for Dairy Farmers-organized

EEC, Shivamogga organized Training Programme on Economical Dairy Farming at Veterinary College, Shivamogga on 16-09-2014. 52 farmers participated in the programme. The Training Programme was inaugurated by Dr. Hanumantha Swamy, B.C., Programme Co-Ordinator, KVK, UAHS,

Navile, Shivamogga. Dr. R.V. Prasad, Dean, Veterinary College, Shivamogga, Dr. K.C. Veeranna Course Director, graced the occasion and Dr. S. Vijayakumar Course Coordinator coordinated the Programme.



Training Programme for the 'Innovative Fish Farmers'-organized



EEC, Shivamogga organized Training Programme on Fish Farming at Veterinary College Shivamogga on 30-09-2014. 36 farmers were participated in the programme. The training programme was inaugurated by Dr. Manjappa.K, Professor & Head(Fisheries), UAHS, Navile, Shivamogga. Dr. R.V. Prasad, Dean, Veterinary College, Shivamogga Dr. K.C. Veeranna Course Director, graced the occasion and Dr. S. Vijayakumar Course Coordinator coordinated the Programme.

On Farm Demonstration



EEC, Shivamogga organized an 'On-Farm Method Demonstration on cattle feed preparation and Clean Milk production' at Kommanalu village of Shivamogga on 27.11.2014. More than 40 farmers

benefited by the programme. Dr. K.C. Veeranna, Dr. Veeranna Gowda, B.G, Dr. Harish, M., Dr. Nagappa Karabasanavar and Dr. Ravindra Dambar oriented the farmers and conducted method demonstration. Dr. S. Vijayakumar Course Coordinator, co-ordinated the programme.

World Zoonoses Day celebration



Veterinary College, Shivamogga celebrated World Zoonoses Day on 04-10-2014. The programme was inaugurated by Dr. C. Vasudevappa, Hon'ble Vice-chancellor, UAHS, Shivamogga. Dr. R.V. Prasad, Dean, Veterinary College, Shivamogga presided over the function. Mr. H.M. Srinivas, Department of District Industries and Commerce, Shivamogga graced the occasion. Mrs. Prabhavathi Rao, Programme Co-ordinator, VTPC Bengaluru delivered lecture on Intellectual Property Rights. Dr. Madhvaprasad, Prof. & Head Dept. of VPE, highlighted the significance of zoonotic diseases.

Ist open speciality dog show of Indian breeds of Dogs at Bagalkot



Society for Indian Breeds of Dogs, Bengaluru and its Bagalkot Chapter organised Ist Open speciality dog show of Indian Breeds of Dogs at Bagalkot on 16th Nov, 2014. The event was locally Co-ordinated by Canine Research and Information Centre, Thimmapur, Mudhol. This mega show, first of its kind was inaugurated by Shri. S.R. Patil, Honourable Minister for Science and Technology & IT-BT, Government of Karnataka in the presence of Prof. Suresh S Honnappagol, Animal Husbandry Commissioner, GOI and Dr. C. Renukprasad, Vice Chancellor, KVAFSU,

Bidar. The programme was presided by local MLA Shri H Y Meti and dignitaries Dr. B. C Ramakrishna, Dr. P. V Yathinder, Dr. Jayaram D T, Shri. S S Nakul, CEO of Bagalkot, Deputy Director & Officers of Dept of AH & VS and Dr. Mahesh Dodamani, Farm Head, CRIC and staff were present. After inaugurating Honourable Minister expressed his gratitude to the university officers, previous government for establishing the exclusive centre for conserving the Mudhol Hounds and assured extending the full support from government for the efforts of conserving the Mudhol Hound, Unique dog breed of India.

248 Dogs of Different Indian Breeds of Dog (Mudhol Hound, Pashmi, Carvon Hound) participated in this first of its kind event. Mrs. Yashodhara Hemachander, an expert of dog show judged the best dogs in different varieties and Champion dogs of show. Later in the evening Deputy Director and Officers of Dept of AH-VS and Dr. B C Ramakrishna, President SIBD, Bengaluru distributed the prizes to the winners. Dr. Mahesh Dodamani, Farm Head, CRIC Co-ordinated the entire event.



Dignitaries viewing Dogs in the show

Workshop on "Popular Article Writing in Kannada" for Veterinarians at Animal Husbandry Polytechnic, Shiggaon

Animal Husbandry Polytechnic, Shiggaon in collaboration with Kannada Pashuvaidya Sahitya Parishattu, Dept. of Animal Husbandry & Veterinary Services, Haveri and Dharwad Milk Union (KMF), organised a state level workshop on "Popular Article Writing in Kannada" on the occasion of Kannada Rajyotsava celebrations on 01-11-2014.

Swacha Bharath Abhiyan - at AHP, Shiggaon



Winter school on 'Empowerment of fish farmers and entrepreneurship development'



Winter school on 'Empowerment of fish farmers and entrepreneurship development' by FRIC, Hebbal, Bengaluru from 4-2nd August, 2014 sponsored by Ministry of Agriculture, GOI, New Delhi



Winter school field visit

Brainstorming session on 'Fisheries Extension to Boost Fish Production-The way forward'



Organized by FRIC, Hebbal, Bengaluru sponsored by Directorate of Extension, KVAFSU, Bidar on 13th Oct. 2014



Inauguration of Fish Farmers' Day 2014 on 10.07.2014 by Fisheries Minister Sri K.Abhayachandra Jain



World Food day was inaugurated by Manohar Prasad, Chief Editor, Udayavani on 16-10-2014 at College of Fisheries, Mangaluru



FRIC Bhutnal participated in Bruhat Udyana Mel organised by UHS, Bagalkot from 12-12-2014 to 15-12-2014.



KVAFSU, Bidar participated in Krishi Mela-2014 at Dharwad organised by UAS, Dharwad from 27-09-2014 to 31-09-2014.



Distribution of fish seed to the farmers at FRIC, Bhutnal Bijapur



Dairy unit maintained by Integrated Farming System Development farmer Mr. Hariyappagowda at Kombaragrama, Puttur under the supervision and Guidance of KVK, Dakshina Kannada



Diagnostic field visit was made in view of outbreak of banana leaf roller pest at Panja village of Sullia Taluk by KVK, Dakshina Kannada



Field day of Farmers Field School on Popularization of Swarnadhara poultry birds at Agraar, Bantwala by KVK, Dakshina Kannada



Distribution of "Swarnadhara" birds to farmers during Field day of Farmers Field School on Popularization of Swarnadhara poultry birds at Agraar, Bantwala by KVK, Dakshina Kannada



Field day on 'Composite Fish Culture' at Kombaragrama Puttur 8th July 2014 by KVK, Dakshina Kannada



Front Line Demonstration on Banana Special Sprayin demonstration at Kaau village, Puttur by KVK, Dakshina Kannada



KVK, Dakshina Kannada scientists participated as resource person in Bhoochetana programme held at Bantwal organized by KSDA



Off campus training programme on paddy cultivation practices was conducted at Shirlalu village on 14-09-2014 by KVK, Dakshina Kannada



Two-day on campus training programme on importance of soil tes and water conservation was conducted on 28-09-2014 and 29-09-2014 at KVK, Dakshina Kannada for the rural youth



IAH&VB, Hebbal, Bengaluru put up a stall at Krishi Mela-2014 at U.A.S, GKVK, Bengaluru from 19-21 Nov. 2014



Workshop on Implementation of revised MSP in Semen Stations of Southern States at Mattupatty, Kerala on 09.10.2014



Workshop on Anthrax control programme in Southern states at Chennai, Tamilnadu on 16.10.2014



SRDDL Nodal Officers quarterly review meeting at Chennai, Tamilnadu on 15.10.2014



Training on 'Laboratory techniques in diagnosis of Rabies' at CDIO, Palode, Kerala 25-27th Sept, 2014



A blood donation camp was organized at Veterinary College, Bidar on 29-11-2014.



Planting of conventional fodder plants by students at Animal Husbandry Polytechnic, LRIC, Konehalli Tiptur



Visit of Hon'able Board Members to the Animal Husbandry Polytechnic, LRIC, Konehalli



Demonstration of Fodder cutting by using Chaff cutter to the Animal Husbandry Polytechnic students LRIC(A), Konehalli



Preparation of Fodder plots by Animal Husbandry Polytechnic Students, Konehalli, Tiptur



Demonstration of Silage making to Animal Husbandry Diploma Students



Distribution of Cacuts leaves to farmers at Animal Husbandry Polytechnic, LRIC(A), Konehalli.



Hands on experience of Silage making to Animal Husbandry Diploma Students, LRIC(A), Konehalli



World Food Day and "Demonstration of Value added food products from fish, chicken meat and eggs" was organized at Yeliyur Village by EEC, Veterinary College, Bengaluru on 10th July 2014



Awareness program on Zoonotic Diseases at Jakkur, Bengaluru North by EEC, Veterinary College, Bengaluru on 27th Nov. 2014



Poultry-cum-Fish culture demonstration unit established



Dr. H.R.V. Reddy, Director of Research, KVAFSU, Bidar inaugurated the Poultry-cum-Fish culture unit at FRIC, Hessarghatta



FRIC, Hessarghatta and FRIC, Hebbal put up an impressive fisheries stall at Krish Mela-2014 organized by UAS, GKVK, Bengaluru



Dr. L. Rangnath - Judge for Chitradurga Dog Show



A guest lecture was delivered by Miss Monica Mechod, a visiting scientist from Argentina at Department of Dairy Technology, Dairy Science College, Bengaluru

'Jawaharlal Nehru Award for P.G. Outstanding Doctoral Thesis

Dr. B.M. Chandranaik Ph.D. Scholar, Dept. of Microbiology is awarded 'Jawaharlal Nehru Award for P.G. Outstanding Doctoral Thesis Research in Agricultural and Allied Sciences-2013 (Animal Sciences)' by ICAR, New Delhi. The award was presented by Hon'ble Prime Minister, Shri. Narendra Modi and Hon'ble Minister of Agriculture Shri. Radha Mohan Singh on the occasion of celebration of 86th Foundation Day of ICAR on 29.07.2014 at NASC Complex, ICAR, New Delhi.



FOREIGN VISIT

Dr. S. Yathiraj, Dean, Veterinary College, Bengaluru attended the GNC meeting as a Member and attended the WSAVA-World Small Animal Veterinary Association Conference - 2014 at Cape Town, South Africa from 15.09.2014 to 22.09.2014.

Division of Clinical Veterinary Sciences: Human touch towards the suffering Animals

Surgeries performed by Dr. L. Ranganath



Amputation of injured forelimb in a leopard at Bannerghatta Biological Park



Surgery team after successful amputation of a limb in Leopard at Bannerghatta Park



Surgical team after successful uterus removal in a Lioness at Bannerghatta biological park



Treatment of Dental caries in sloth bear at wildlife SOS bear safari at Bannerghatta



Lameness examination of horse at Army Polo Centre



Dr. L. Ranganath
MVSc. (Surgery), Ph.D.
Professor and Head (VSR)
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