



News Letter

KARNATAKA VETERINARY, ANIMAL & FISHERIES SCIENCES UNIVERSITY

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3rd CONVOCATION OF THE KVAFSU

The 3rd Convocation of the University was held on January 17th, 2010 at KVAFSU Campus, Nandinagar, Bidar, which is the Foundation Day of the University. Dr. S. Ayyappan, Director General, ICAR & Secretary, Department of Agriculture Research & Education, GOI, New Delhi, was the Chief Guest. Dr. S. Ayyappan is an Alumnus of the College of Fisheries, Mangalore (which is presently a constituent College of the KVAFSU) and studied his Bachelors and Masters Degree during 1970's. In his Convocation address, he appreciated the efforts of KVAFSU in imparting quality education, carrying out research and extension activities for the benefit of farming community. Focusing towards graduating students, he said "you are graduating from one of the finest Universities and I am sure the education obtained in the precincts of this University will always stand you in good stead and encourage you to serve the humanity at large and the farming community in particular". Quoting the poems by our former President of India Dr. A.P.J. Abdul Kalam, he said "as a young citizen of India, armed with technology, knowledge and love for my nation, I realize, small aim is a crime", "so I have a dream, because dream transforms into thoughts, thoughts result into action and the action results into achieving the mission". He also reminisced his good old student days spent at College of Fisheries, Mangalore during 1970s.

Sri Revu Naik Belamagi, Hon'ble Minister for Animal Husbandry, Government of Karnataka & Pro-Chancellor of the University presented the degrees, medals and awards on behalf of the Chancellor of the University & Governor of Karnataka. The Hon'ble Minister presented degrees to 188 Undergraduate students, 59 Master students and 14 Ph.D., scholars. Out of which, 7 Undergraduate students, 14 Master students and 4 Ph.D., scholars were awarded with Gold Medals instituted by the University / different organizations / individuals. Research Incentive Awards were also presented to 24 teachers / scientists / officers for procuring and operating extra mural major research projects as Principal Investigators.

Prof. Suresh, S. Honnappagol, Hon'ble Vice-Chancellor, KVAFSU welcoming the Chief Guest, Hon'ble Minister, dignitaries & the gathering, presented a brief report of activities carried out by the University in teaching, research and extension education during the past one year. Hon'ble Members of the Board of Management of the KVAFSU namely, Dr. H. T. Mohan Kumar, Sri. S. P. Putta Buddi, Dr. Gopala Gowda, Sri. Mohappa Karkera and Smt. Shobhavathi Phulare Dr. S.M. Jayadevappa and Dr. M. Devaraj, Registrar; Officers and Deans of the University, faculty, students, senior citizens of Bidar, invitees and guests were present during the occasion.



Important Meetings

i) Meetings of the Board of Management

- 33rd BOM Meeting was held on 16-01-2010 at Board Room, KVAFSU, Bidar
- 34th BOM Meeting was held on 09-02-2010 at Board Room, KVAFSU, Bidar
- 35th BOM Meeting was held on 30-03-2010 at Board Room, KVAFSU, Bidar
- 36th BOM Meeting was held on 27-04-2010 at Conference Hall, Hebbal, Bangalore
- 37th BOM Meeting was held on 31-05-2010 at Board Room, KVAFSU, Bidar

- 38th BOM Meeting was held on 26-06-2010 at Board Room, KVAFSU, Bida

ii) Academic Council Meeting

10th Academic Council Meeting was held on 15-01-2010 at Board Room, KVAFSU, Bidar.

iii) Research Council Meetings

5th Research Council Meeting was held on 19-05-2010 at Board Room, KVAFSU, Bidar.

iv) Planning and Works Committee Meetings

9th Planning & Works Committee Meeting held on 29-03-2010 at Conference Hall, Hebbal, Bangalore

Important Events

Meeting of ICAR Regional Committee No. VIIIth at Regional Campus, Bangalore

XXII Meeting of ICAR Regional Committee No. VIIIth was organized at Kannada Sabhagana, KVAFSU, Hebbal, Bangalore on 14th May, 2010. His-Excellency the Governor of Karnataka Shri. H. R. Bharadwaj, inaugurated the programme. Sri. Revu Naik Belamagi, Hon'ble Minister for Animal Husbandry, GOK, presided over the function and delivered the address. Dr. S. Ayyappan, Deputy Director General, ICAR; Secretary, DARE & Chairman, ICAR Regional Committee No. VIIIth presented the report of activities. Prof. Suresh, S. Honnappagal, Hon'ble Vice-Chancellor, KVAFSU, Bidar and Dr. Chikadevaiah, Hon'ble Vice-Chancellor (I/c), UAS, Bangalore, participated in the function. Dr. H. Shivananda Murthy, Director of Extension, KVAFSU; Dr. S. M. Usturge, Director of Research (I/c); KVAFSU; Dr. S. Yathiraj, Dean, Veterinary College, Bangalore and other officers of the KVAFSU participated. The Technical Sessions of the Committee were held at Auditorium of the IVRI, Regional Campus, Hebbal, Bangalore.



Foundation day celebration

Institute of Animal Health and Veterinary Biologicals celebrated its first "Foundation Day" at Kannada Sabhagana on 5th June 2010. The programme was inaugurated by Hon'ble Vice-Chancellor Prof. Suresh, S. Honnappagal. Dr. R. N. S. Gowda former VC was the Chief Guest. Dr. Gopal Gowda and Dr. H. Chenne Gowda, Hon'ble Board Members, Dr. M. Devaraj, Registrar, Dr. S. Yathiraj, Dean, Veterinary College, Dr. B.V. Venkateshaiah, Dean, Dairy Science College, Bangalore were Guests of Honor. The function was presided over by Dr. C. Renukadas, Director IAH & VB. On this occasion a "Free medical check up camp" by expert doctors was organized by Chinmaya Seva Sangha for all the employees of the Institute in the fore noon. Various sports events were also conducted and prizes were distributed to the winners.



Field Day on 'Shrimp Culture'

A field day on "Shrimp Culture" was coordinated and organised at Fisheries Research & Information Center, Ankola on 20-05-2010 for the benefit of brackishwater fish / shrimp farmers. The field day was inaugurated by Prof. H. Shivananda Murthy, Director of Extension. The Deputy Director of Fisheries, Uttara Kannada district; Chief Executive Officer of Brackishwater Fish Farmers Development Agency and other officers of Uttara Kannada participated in the programme. 70 farmers attended and benefited by the practical demonstration of scientifically cultured shrimps and their harvest and interaction session held with the scientists and experts in the area.



5th Extension Education Council Meeting

The 5th Extension Education Council (EEC) Meeting was arranged on 18-05-2010 at Bidar Campus. Major extension education activities carried out in the past one year were presented by the Director of Extension and different Heads of Divisions and programmes for the next year were presented, discussed and approved. The Council was chaired by Prof. Suresh, S. Honnappagal, Hon'ble Vice-Chancellor. Dr. Rajagopal, Director, Department of AH&VS; Director of Extension, MAFSU, Nagpur; Director of Extension, ANGARU, Hyderabad and other experts and progressive farmers were participated as members / invitees. Two folders brought out in Kannada were released during the occasion by the dignitaries. Prof. H. Shivananda Murthy, Director of Extension & Member Secretary coordinated the meeting.





'World Veterinary Day' at Bidar Campus

'World Veterinary Day' was celebrated at Bidar Campus in a befitting manner on April 24th, 2010 to commemorate yeomen service of Veterinarians to animal care. Prof. Suresh, S. Honnappagol, Hon'ble Vice-Chancellor, KVAFSU presided over the function and emphasized on service of the Veterinarians and the care required for the animals in his presidential address. Dr. (Mrs.) Kesari, Professor, Department of Public Health, Government Medical College, Bidar was the Chief Guest and addressed the gathering with regard to zoonotic diseases and the care to be taken by the Veterinarians. Prof. H. Shivananda Murthy, Director of Extension; Dr. S. M. Usturge, Director of Instruction (PGS); Dr. Y. Haribabu, Dean, Veterinary College, Bidar; Dr. U. S. Biraadar, Special Officer, Dairy Science College, Gulbarga, the faculty and students of the Veterinary College, Bidar participated in large numbers.

Celebration of 'World Veterinary Day' at Veterinary College, Bangalore

"World Veterinary Day" was celebrated on 24th April, 2010 at Veterinary College, Regional Campus, KVAFSU, Hebbal, Bangalore by organizing the following activities; (i) Free Anti-rabies Vaccinations Camp at Veterinary College Hospital was inaugurated by Dr. B. C. Ramakrishna, President, KARUNA, Bangalore along with Dr. A. Krishnaswamy, Dean (I/c.), Veterinary College, Bangalore and HODs of Clinical departments. Staff members of the college participated in the programme. A total of 54 dogs were vaccinated. This was a joint programme of Veterinary College, IAH&VB, and KARUNA and INTAS Pharmaceuticals. (ii) Distributed Neomic Shiksha award instituted by Intas Pharmaceuticals to first B.V.Sc. & A.H. students. (iii) Inauguration of Vaccination Camp at Teaching Veterinary Clinical Service Complex, Yelahanka by Dr. S. M. Byregowda, Director (I/c.), IAH&VB, Bangalore along with Dr. A. Krishnaswamy, Dean (I/c.), Veterinary College, Bangalore, HODs of Clinical departments. Staff members of the college

also participated in the programme. (iv) Animal Health Camp was organized at Haniyuru village on 30.04.2010 as a part of the week long activities of the World Veterinary Day Celebrations. At total of 122 sheep and goats were vaccinated against PPR, 122 sheep were dewormed, 18 dogs were given Antirabies vaccine, 5 male dogs were operated for birth control. Dr. U. Krishnamoorthy, Dr. Md. Nadeem Fairoze, Dr. K. Satyanarayana, Dr. Kshama, Dr. Srinivas Murthy, Dr. Anu Bagga, PG Students, Internship students and fourth year students participated in the camp.

World Veterinary Day

Veterinary College, Hassan celebrated 9th 'World Veterinary Day' in association with Karnataka Veterinary Association (Hassan branch) on 25th April, 2010. Dr. S. Abdul Rahman, Secretary, Common Wealth Veterinary Association inaugurated the programme. Dr. M. S. Vasanth, Dean, Veterinary College, Hassan presided over the function. Dr. M. N. Nanjappa, Rtd. Joint Director was felicitated. Dr. Mohan Dan, President, Hassan District Agriculture Graduate Association presented the student scholarship of Rs. 10,000/- each to two Veterinary College Students. Dr. P. Srinivas, Deputy Director, Department of AH&VS and Veterinarians from College, Department of AH&VS and KMF were participated in the programme.



Workshops / Seminars / Symposia Organised

Workshop on 'Mass Media'

A State level workshop on "Mass Media and Communication" was organised by the Directorate of Extension at Bidar Campus on January 6th, 2010. The workshop was inaugurated by the Hon'ble Vice-Chancellor Prof. Suresh, S. Honnappagol. In his inaugural address, he stressed to the



role of mass media in transfer of technology and extension education programmes in reaching the farming community. S r i

Shankarappa, Joint Director of Agriculture (Extension & Training) & Member Secretary, Mass Media; Sri. Suresh Kumar, Programme Executive, Krishi Darshan, Bangalore Doordarshan Kendra; Sri. M. D Patil, Station Head, Gulbarga Doordarshan Kendra and Officers from All India Radio (AIR) of Bangalore, Gulbarga and other places were present and addressed in the workshop. Prof. H. Shivananda Murthy, Director of Extension, coordinated the workshop and welcome the guests and participants for the workshop. The Officers from the Development Departments of Agriculture, Animal Husbandry, Fisheries, Watershed Development, Horticulture, Sericulture and other departments participated in the workshop. All together 95 officers participated in the workshop. Sufficient time was devoted for interaction with the officers and getting feed back from the officers for planning different Doordarshan and Radio programmes in future months specially for Hyderabad-Karnataka region.



National Conference on Canine Practice

National Congress on Canine Practice and 7th Annual Convention of the Indian Society for Advancement of Canine Practice on “Novel Approaches in Companion Animal Practice” was jointly organized by the Indian Society for Advancement of Canine Practice and Veterinary College, KVAFSU, Bangalore on 21st January, 2010 in the ATRIA Hotel, Bangalore. Justice N. Santosh Hegde Former Judge, Supreme Court of India and present LOKAYUKTA in Karnataka inaugurated the conference. Prof. Suresh, S. Honnappagol, Hon'ble Vice-Chancellor, KVAFSU, Bidar, presided over the function. Dr. S. Yathiraj, Dean & Organizing Secretary, Veterinary College, Bangalore, welcomed the participants. Prof. S.K. Ray, President, ISACP, delivered the presidential address. Prof. A.K. Srivastava, Secretary General, ISACP, briefed about the Society. Dr. M. Devaraj, Registrar, KVAFSU, Bidar, proposed the vote of thanks. More than 200 delegates participated in the convention. Lead papers and abstracts were presented in seven technical sessions and one poster session.



Seminar on 'Sustainable Farming'

Department of Veterinary & Animal Husbandry Extension and Veterinary College, Shimoga with support and cooperation of Directorate of Extension, KVAFSU, Bidar and Department of AH&VS organized a seminar for farmers on 'Modern Dairying' at Belalakatte Village, Shimoga Taluk on 04-01-2010. Sri. H. C. Basavarajappa, President, Zilla Panchayat, Shimoga, inaugurated the programme. Dr. Basavaraj, N. (Deputy Director), Dr. Ganesh Udupa (I/c Dean), Dr. Kallappa (Assistant Director), Veterinary College staff, Veterinary Doctors from the Department of AH&VS and other local peoples' representatives graced the occasion. Animal vaccination, animal health camp, animal show, exhibition and demonstrations were carried out during the occasion. Prizes were distributed to the winners of the animal show. About 500 farmers of the village were benefited by the programme. Faculty from Veterinary College, Shomoga actively participated as resource persons. Dr. L. Manjunath, Assistant Professor, Department of AHE and faculty of Veterinary College, Shimoga coordinated the programme.



Transfer of Technology

A) Training Programmes / Outreach Programmes

Trainings and outreach programmes organised by Extension Education Center (EEC), Bangalore

(i) Training Programme on “Clean milk production & value addition in milk products”

A five days training programme on “Clean milk production & value addition to milk products” was organized by the EEC, Bangalore Campus during 18-25 January, 2010. The Hon'ble Member, Board of Management, KVAFSU, Bidar Shri. S.P. Putta Buddi, inaugurated the programme by lighting the lamp. Dr. H. Shivananda Murthy, Director of Extension, KVAFSU, Bidar was the Chief Guest. The function was presided by Dr. B.V. Venkateshaiah, Dean, Dairy Science College, Bangalore. Thirty five candidates participated in the training programme who were drawn from Karnataka Milk Federation, KVKs, Department of Animal Husbandry and Water Shed Department. The programme was sponsored by Zonal Project Director, ICAR to the Directorate of Extension. The training programme was coordinated by Dr. H. M. Jayaprakasha, Head and Faculty of Extension Education Center, Bangalore Region.



(ii) Trainers Training on “Advances in freshwater aquaculture and integrated farming”

A three days Trainers Training on “Advances in freshwater aquaculture and integrated farming” was organized by the EEC, Bangalore



Campus from 27th to 29th January, 2010 for the benefit of the officers of the line Departments of the State Government. The programme was inaugurated by Dr. H. S. Veerappa Gowda, Director, Department of Fisheries, Government of Karnataka. Dr. H. Shivananda Murthy, Director of Extension, KVAFSU, Bidar was the Chief Guest. Dr. B.V. Venkateshaiah, Dean, Dairy Science College, Bangalore presided. Twenty five participants from the Departments of Fisheries, KVKs, Animal Husbandry & Veterinary Services and Watershed Development participated in the training programme. The programme was coordinated by Dr. H.M. Jayaprakasha, Head, Extension Education Center, Bangalore Region and assisted by Dr. T. Suresh and Ms. Chitra, M. K.





(iii) "Recent advances in poultry production"

"Recent advances in poultry production", a Trainers Training was organized by the EEC, Bangalore Campus during 3-5 February, 2010 for the benefit of the officers of the Development Departments of the Government of Karnataka. The programme was inaugurated by Dr. Rajeshwara Rao, Director, Central Poultry Development Organization, Hessarghatta, Bangalore. Dr. B.V. Venkateshaiah, Dean, Dairy Science College, Bangalore was the Chief Guest and Dr. S. Yathiraj, Dean & Campus Head, Veterinary College, Bangalore presided. Twenty six participants participated in the training programme. Dr. H. N. Narasimhamurthy, Head of Division, Poultry Sciences, Veterinary College, Bangalore and Dr. H. M. Jayaprakasha, Head, Extension Education Center, Bangalore Region, coordinated the programme.

(iv) Trainers Training on "Livelihood Security through Sheep and Goat farming"

A three days Refresher Course for the benefit of Officers of line Departments of State Government on "Livelihood Security through Sheep and Goat farming" was organised by the EEC, Bangalore Campus from 9th to 11th February, 2010. The Training was inaugurated by Dr. K. Shivakumar, Managing Director, Karnataka Sheep & Wool Development Corporation Ltd, Bangalore, which was presided by Dr. S. Yathiraj, Dean, Veterinary College, Bangalore, while Dr. B.V. Venkateshaiah, Dean, Dairy Science College, Bangalore was the Chief Guest. Twenty seven trainees participated from different organizations namely, the Departments of AH&VS, Sheep Board, Watershed Development and KVKs. The programme was coordinated by Dr. H.M. Jayaprakasha, Head, Extension Education Center, Bangalore Region and Dr. U. Krishnamurthy, Head of Division, Animal Sciences, Veterinary College, Bangalore.

(v) "Dairy farming for Economic Stability"

"Dairy farming for Economic Stability" a Trainers Training was organized by the EEC, Bangalore Campus during 18-20 February, 2010 for the benefit of Officers of Development Departments of the Government of



Karnataka to update their knowledge and skill. The programme was inaugurated by Prof. H. Shivananda Murthy, Director of Extension, KVAFSU, Bidar. Dr. K.V. Kulkarni, Joint Director, Department of Animal Husbandry & Veterinary Services, Bangalore was the Chief Guest, while Dr. B. V. Venkateshaiah, Dean, Dairy Science College, Bangalore presided. Twenty five participants from various organizations namely, Departments of AH&VS, Watershed Development and KVKs. Dr. H. M. Jayaprakasha, Head, Extension Education Center, Bangalore Region and Dr. U. Krishnamurthy, Head of Division, Animal Sciences, Veterinary College, Bangalore coordinated the

(vi) "Rabbit farming for livelihood security"

A three days Refresher Training Course for the benefit of Officers of line Departments on "Rabbit farming for livelihood security" was organized during 24-26 February, 2010 at Bangalore Campus. The programme was inaugurated by Dr. B.V. Venkateshaiah, Dean, Dairy Science College, Bangalore and presided by Dr. S. Yathiraj, Dean and Campus Head, Veterinary College, Bangalore. Twenty participants participated in the programme. The participants were drawn from the Departments of AH&VS, KVKs and Watershed Development. The programme was coordinated by Dr. H.M. Jayaprakasha, Head, Extension Education Center, Bangalore Region and Dr. U. Krishnamurthy, Head of Division, Animal Sciences, Veterinary College, Bangalore.

(vii) Trainers Training on "Dairy products technology and value addition"

A Trainers Training Programme on "Dairy products technology and value addition" was organized at Conference Hall, Dairy Science College, Bangalore during 2-4 March, 2010 for the benefit of the Officers of the line Departments of the State Government. The programme was inaugurated by Dr. M. Renuka Prasad, Director, IAH & VB, KVAFSU, Bangalore, while Shri. Gajendra, G.L. Director, STEP, KMF, Bangalore was the Chief Guest. Dr. B.V. Venkateshaiah, Dean, Dairy Science College, Bangalore presided. There were twenty six participants drawn from KMF, KVKs and AH&VS. Dr. H. M. Jayaprakasha, Head, Extension Education Center, Bangalore Region and Dr. H. G. Ramachandra Rao, Head of Division, Dairy Science College, Bangalore, coordinated the programme.

(viii) "Piggery for livelihood security"

"Pig farming for livelihood security", a Trainers Training Programme was organized at Bangalore Campus during 11-13 March, 2010 for the benefit of the Officers of the line Departments. The programme was inaugurated by Dr. K.V. Kulkarni, Joint Director, Department of Animal Husbandry & Veterinary Services, Bangalore, while Dr. B.V. Venkateshaiah, Dean, Dairy Science College, Bangalore was the Chief Guest and Dr. S. Yathiraj, Dean and Campus Head, Veterinary College, Bangalore, presided. Twenty four trainees participated in the training programme. The participants were from the Departments of AH&VS, KVKs and Watershed Development. Dr. H.M. Jayaprakasha, Head, Extension Education Center, Bangalore Region and Dr. U. Krishnamurthy, Head of Division, Animal Sciences, Veterinary College, Bangalore coordinated the programme.

(ix) "Ornamental Fish production"

A three days refresher course on "Ornamental Fish production" was organized at Bangalore Campus from



18 to 20 March, 2010 for the benefit of the Officers of the State Development Departments. Dr. N Ramakrishna, Joint Director, Department of Fisheries, Government of Karnataka inaugurated. Dr. H. Shivananda Murthy, Director of Extension, KVAFSU, Bidar presided, while Dr. B. V. Venkateshaiah, Dean, Dairy Science College, Bangalore was the Chief Guest. Eighteen trainees from the Departments of Fisheries, KVKs and Watershed Development participated. Prof. Suresh, S. Honnappagol, Hon'ble Vice-Chancellor, KVAFSU, Bidar was the Chief Guest for the Valedictory Function held on 23-03-2010 and distributed the compendium and certificates to the participants and addressed the trainees. Dr. H. M. Jayaprakasha, Head, Extension Education Center, Bangalore Region coordinated the training.



Farmers Trainings organised by the EEC, Bangalore

(i) Training Programme on "Poultry Production and Management"

A three days training programme on "Poultry production and management" was organized at Bangalore Campus during 8-10 March, 2010 for the benefit of farmers. The programme was inaugurated by Dr. H. N. Narasimhamurthy, Head of Division, Poultry Science and presided by Dr. B. V. Venkateshaiah, Dean, Dairy Science College, Bangalore. Dr. H.G. Ramachandra Rao, Head of Division, Dairy Science and Dr. U. Krishnamurthy, Head of Division, Animal Science were the Chief Guests. Thirty farmers from Chandenhalli, Nagamangala taluk participated and benefited by the programme. The programme was coordinated by Dr. H.M. Jayaprakasha, Head and Faculty of Extension Education Center, Bangalore Region.

(ii) "Dairy farming for livelihood security"

An Off-Campus training programme on " Dairy farming" was organized at Kannamangala village of Doddaballpur Taluk from on 22nd to 24th March, 2010 in coordination with the NSS programme of Dairy Science College, Bangalore. The programme was inaugurated by Shri. M. Mudderangegowda, Chief Secretary, Chinmaya Seva Sanga, Kannamangala and presided by Dr. B.V. Venkateshaiah, Dean, Dairy Science College, Bangalore. Shri Siddaramalah and Shri V. Dasappa, Progressive farmers, Kannamangala were the Chief Guests. Thirty farmers participated in this three days training programme. The programme was coordinated by Dr. H. M. Jayaprakasha, Head, Extension Education Center, Bangalore Region and assisted by Dr. T. Suresh and Ms. Chitra, M.K.

(iii) Training Programme on "Sheep and Goat farming"

A three days Off-Campus training programme on "Sheep and Goat farming" was organized at Haniyur, Doddabalapur

Taluk during 26th - 28th March, 2010 in coordination with NSS programme of Veterinary College, Bangalore. The programme was presided by Dr. B.V.Venkateshaiah, Dean, Dairy Science College, Bangalore. Dr. Chandra Pal Sing, Head of the Department, Department of Animal Nutrition, Veterinary College, Bangalore. Dr. V. Chandrasekhar Murthy, Dr. P. T. Ramesh and Dr. Satyanaryana were participated as Resource Persons. Thirty farmers from Haniyur and nearby villages of Doddabalapur Taluk were participated in the training programme. The programme was coordinated by Dr. H.M. Jayaprakasha, Head, Extension Education Center, Bangalore Region and assisted by Dr. T. Suresh and Ms. Chitra, M.K.

(iv) Training Programme on "Ornamental fish production and integrated farming"

An On-Campus three days training programme on "Ornamental fish production and integrated farming" was organized by EEC, Bangalore during 29th - 31st March 2010 for the benefit of the farmers and farm women. The programme was inaugurated by Dr. B.V. Venkateshaiah, Dean, Dairy Science College, Bangalore. Dr. U. Krishnamurthy, Head of Division, Animal Sciences, Veterinary College, Bangalore, Dr. H.N. Narasimhamurthy, Head of Division, Poultry Sciences, Veterinary College, Bangalore and Dr. H.G. Ramachandra Rao, Head of Division, Dairy Sciences, Dairy Science College, Bangalore were the Chief Resource Persons. Thirty farmers from Mottanakoppalu, Nagamangala Taluk were participated in the training programme. The programme was coordinated by Dr. H.M. Jayaprakasha, Head and Staff of Extension Education Center, Bangalore Region.

These training programmes were organised under the funding support from SAMETI (South).

Trainings organised by the EEC, Mangalore Campus

(i) Training programme on "Poultry Farming"

A training programme on "Poultry Farming" was organised by the Extension Education Center, Mangalore Campus in collaboration with Department of Animal Husbandry & Veterinary Services, Dakshina Kannada (DK) district at Panaje, Puttur taluk on 18th June, 2010. The programme was inaugurated by Dr. H. Shivananda Murthy, Director of Extension, KVAFSU, Bidar. Sri. Ramesh Bhat, Director, SKADS and Dr. K.V. Halagappa, Deputy Director of Animal Husbandry, DK were participated as Chief Guests in the programme. Mr. Dayanand Adyar, President, Karnataka State Co-operative Poultry Farmers Union presided over the function. Sixty four enterprising farmers attended and benefited by the programme. A film show on modern techniques of poultry farming was also arranged on the occasion. Farmers were taken for an exposure visit to a nearby progressive poultry farm. Faculty of EEC, Mangalore coordinated the programme.



(ii) Training on “Polyculture of fish for food and nutritional security”

Extension Education Center, Mangalore Campus organised a three-day training programme on “Polyculture of fish for food and nutritional security” for officers of line departments under the SMETi (North) during 20-22nd January, 2010. The training programme was inaugurated by Dr. H. Shivananda Murthy, Director of Extension, KVAFSU, Bidar. Dr. K. M. Shankar, Dean (I/c), College of Fisheries, Mangalore presided. In addition to lectures, field visits to integrated fish farm of Krishi Pandith Award winning farmer at Chellur was arranged. Dr. S. D. Kallolgi, Professor, Directorate of Extension, UAS, Dharwad was present in the valedictory function. Faculty of EEW, Mangalore coordinated the programme.



(iii) Training on fish seed rearing

Extension Education Center, Mangalore Campus organised a three-day training on “Polyculture of fish and fish seed rearing” from 9th to 11th February, 2010, for the benefit of farmers. Farmers were trained on various aspects of polyculture and seed rearing techniques. In addition to lectures, farmers were also taken to field visit to progressive farmers farms.

(iv) Training programme on “Recent advances in freshwater fish and prawn farming”

Extension Education Center, Mangalore Campus organised a three-day training programme from 15th to 17th February, 2010, for the benefit of officers of the line departments. Twenty six officers participated and benefited by the programme.

(v) Farmers Training on “Ornamental fish production”

Extension Education Center (EEC), Mangalore Campus organised a three-day training on “Ornamental fish production” during 4-6 March, 2010, for the benefit of farmers. Thirty farmers and entrepreneurs participated in the training programme. A field visit to an enterprising ornamental fish farm was also arranged for the farmers. Faculty of EEC, Mangalore coordinated the programme.



(vi) Trainers Training on “Ornamental fish production and Maintenance”

Extension Education Center, Mangalore Campus organised a three-day Trainers Training Programme on “Ornamental fish production and Maintenance” from 11th to 13th March, 2010, for the benefit of officers of the line departments. 14 officers participated and benefited by the training programme. Various

aspects of ornamental fish production and maintenance were covered and officers were made visit to a well established ornamental fish farm in Vamanjur, Mangalore. Dr. H. Shivananda Murthy, Director of Extension, KVAFSU, Bidar participated in the Valedictory Function and presented the certificates and training materials to the participants. Faculty of EEW, Mangalore coordinated the programme.



(vii) Off-Campus Training on “Ornamental fish production”

Extension Education Center, Mangalore Campus organised one-day off-campus training on “Ornamental fish production” for the benefit of farmers of Puttur taluk on 20th March 2010. Sri. Monappa Karkera Hon'ble Member, Board of Management, KVAFSU participated in the training programme. Interested 27 farmers participated and benefited by the training programme. Faculty of EEC, Mangalore coordinated the programme.



(viii) Off-Campus Training on “Goat Farming”

Extension Education Center, Mangalore Campus organised a one-day off-campus training programme on “Goat Farming” in collaboration with Department of Animal Husbandry & Veterinary Services, Dakshina Kannada (DK) district and Farmers Association of Beilare at Beilare, Puttur (Tq), DK for the benefit of farmers. The programme was inaugurated by Dr. M. N. Rajanna, Assistant Director of Animal Husbandry of Sullya. Dr. Y. Basvaraju, Dean (Fisheries) presided over the programme. A documentary on goat farming was screened and the trainees were taken for a field visit to the goat farm of a progressive farmer, Mr. Mahadev Bhat of Beilare village and faculty of EEC, Mangalore coordinated the programme.



(ix) Aquarium fabrication and ornamental fish production

Extension Education Center, Mangalore Campus organised a one-day training programme on “Aquarium fabrication and ornamental



fish production” on 4th May, 2010 at College of Fisheries, Mangalore for the benefit of unemployed youths and self help women groups. Enthusiastic 37 youths and members from self help women groups participated and benefited by the training programme. Faculty of EEC, Mangalore coordinated the programme.

Training on 'Rapid diagnosis of Infectious bovine rhinotracheitis'

Training was organized by SRDDL in collaboration with Bigtech, a biotech company on “Rapid diagnosis of Infectious bovine rhinotracheitis” during 15-16 January, 2010. Training was inaugurated by Dr. V. K. Arora, Director, CFSP&TI and Chairman Central Monitoring Unit (CMU) Min of Agriculture (GOI). A total of 25 participants attended the training. First hand information and training was given on usage of miniature real time PCR machine customized by Bigtech Company as per the diagnostic needs of southern regional disease diagnostic laboratory (SRDDL) Bangalore.



Training on 'Rapid diagnosis of Avian Influenza'

Training program was organized by SRDDL in collaboration with FAO Khatmandu on “Rapid diagnosis of Avian Influenza” during 8-9 February, 2010. Training was inaugurated by Dr. Mohinder Oberai, Expert consultant on Avian Influenza, FAO Regional Office Khatmandu. A total of 20 participants attended the training from southern states. Hands on training were given on use of Avian Influenza ready to use rapid antigen detection kit.



Hands on Training on STD, Tuberculosis and Johne's disease

Training program was organized by SRDDL in collaboration with Nandini Sperm station Hessaraghatta on “Hands on Training on STD, Tuberculosis and Johne's disease” from 08th to 12th March, 2010. Training was inaugurated by Dr. Venkateshaiah, Dean, Dairy Science College, Bangalore. A total of 15 participants attended the training. First hand information and practical training was given on different Sexually transmitted diseases both at laboratory and field level exposure at Nandini Sperm Station.



B) Other Extension Activities

Participation in the 'Bidar Krishi Utsav'

The Directorate of Extension participated in the 'Krishi Utsav' programme of the Bidar district by setting up a stall on behalf of KVAFSU during June 5-7, 2010. Prof. H. Shivananda Murthy, Director of Extension participated in the Inaugural Ceremony as well as in Valedictory Functions of the Krishi Utsav programme as Chief Guest. The Utsav was organised at the KVK Campus, Bidar district, which was inaugurated by Sri. Raheem Khan, MLA, Bidar and presided over by Sri. Nasimuddin, N. Patel, President, Bidar Zilla Panchayat. Dr. S. A. Patil, President, Karnataka Krishi Mission was participated in the Valedictory Function and interacted with farmers. About 500 farmers and farm women participated and benefited by the Krishi Utsav.

NSS Camp by the Bidar Veterinary College

Annual NSS Camp for the students of Veterinary College, Bidar was held at Muttangi village, Humnabad taluk, Bidar district from March 8th, 2010 onwards. The Camp was inaugurated by Prof. Suresh, S. Honnappagol, Hon'ble Vice-Chancellor, KVAFSU, Bidar. In his inaugural address, he stressed on the role of social service and integration with Veterinary and Animal Husbandry services for the benefit of farmers. Prof. H. Shivananda Murthy, Director of Extension mentioned that the activities carried out in the camp will serve as preliminary field experience for students to Animal Husbandry Extension courses. Prof. S. M. Usturge, Director of Instruction (PGS); Dr. Y. Haribabu, Dean, Veterinary College, Bidar graced the occasion. Dr. K. C. Veeranna, Associate Professor & Head; Dr. M. K. Tandle, Associate Professor and Dr. Sandeep Halmadgi, Assistant Professor NSS Programme Officers coordinated the programme.



NSS Annual Special Camp of Shimoga College

Veterinary College, Shimoga organized its third NSS Annual Special Camp at Hosakoppa-Thattekere Village of Shimoga Taluk during 18-24 March, 2010. The volunteers enjoyed the camp in a village falling under malnad region surrounded by areca plantations and Tunga channel passing close to it. Various activities including (i) Interactions with the experts on topics such as sustainable agriculture and role of livestock, (ii) Hands on training on preparation of milk products and daily consumable household products to the women folk and (iii) Services like plantation, animal vaccination, health camps and cleaning of temple premises were conducted. Dr. Mallikarjunappa, Dean, Veterinary College, Shimoga participated in the Valedictory Function on 23-03-2010. Smt. Rathamma, President, Mandal Panchayat and others were present.



NSS Annual Special Camp of Hassan College

NSS Unit of Hassan Veterinary College organised NSS annual special camp at Koravangala village from 22-03-2010 to 28-03-2010. Prof. Suresh, S. Honnappagol, Hon'ble Vice-Chancellor inaugurated the camp and highlighted the significance of NSS camp in overall personality development of students. Dr. M. S. Vasanth, Dean presided over the function. Dr. P. Srinivasu, Deputy Director, Department of AH&VS and Dr. K. C. Veeranna, NSS Programme Coordinator witnessed the programme as Chief Guests. Mr. Devaraj Naik, NSS Programme Officer convened the programme.



First Hostel Day

First Hostel Day of both boys and girls hostels of Veterinary College, Hassan was celebrated on May 5th, 2010 at Koravangala Campus of the College. Mr. Karigowda, AC, Hassan witnessed the programme as Chief Guest and distributed prizes. Dr. M. S. Vasanth, Dean presided over the function. Dr. P. Srinivas, Deputy Director, Department of AH&VS was present. Faculty and students of the Veterinary College, Hassan actively participated in the programme.



Role of selenium in animal feeding'

Veterinary College, Shimoga, celebrated the New Year Day - 2010 on 01-01-2010 in a unique way. A talk on 'role of selenium in animal feeding' by Prof. Sandeep Prabhu, Pennsylvania University, USA was arranged on the occasion. Dr. Manjunatha, Veterinary College, Shimoga welcomed the guests and Dr. Mallikarjunappa, Dean, thanked the guests.

How to secure your life?

Healthy and robust staff is the strong foundation for any institution. Keeping this in mind, a talk on 'How to secure your life?' was organized at the College on 25-03-10. Dr. Srinath Bhave, Medical Officer of the College delivered a talk and answered to the queries of the staff and students. Dr. Mallikarjunappa, Dean, was present. Celebration of 'Dr. B. R. Ambedkar and Basava Jayanthi'

'119th Dr. B. R. Ambedkar Jayanthi' was organized in Veterinary College, Shimoga on 14-04-2010. Sri. Muniyappa, Social Worker, Sheshadripuram, Bangalore was the Chief Guest. Dr. S. Mallikarjunappa, Dean, presided over the function. Faculty and students of Veterinary College, Shimoga attended the programme.

'Basava Jayanthi' was celebrated at the Veterinary College, Shimoga on 17-05-2010. Dr. Kiran Desai, Professor in Kannada, Kamala Nehru College, was the Chief Guest. Dr. S. Mallikarjunappa, Dean presided. Faculty and students of Veterinary College, Shimoga attended the function.

Animal Health Camps

A Vaccination Camp was organized on 21-03-2010 at Hosakoppa village as a part of NSS Annual Special Camp of Veterinary College, Shimoga in association Dept. of AH & VS. About 500 animals were vaccinated against Foot & Mouth Disease. An Animal Health Camp was organized on 22-03-2010 in the same village. About 100 animals were treated in the camp. These programmes were sponsored by the Directorate of Extension, KVAFSU, Bidar. Faculty and students of Veterinary College, Shimoga actively participated in the programme. Dr. L. Manjunath, Assistant Professor, AHE, coordinated the activities.



Demonstrations and Exhibitions

Demonstrations on dry fodder enrichment, azolla cultivation and ecto-parasiticide spray were arranged at Belalakatte village on 04-01-2010. Similarly, demonstrations were organized at Hosakoppa village on preparation of household consumables, viz, phenyl, soap powder, ketchup & malt on 20-03-2010 and a demonstration on preparation of milk products on 22-03-2010.

Distribution of Giriraja Birds at Hassan

Veterinary College, Hassan as part of Extension Activities distributed Giriraja birds to women SHG members of Koravangala and surrounding villages and also to the members of Belur Organic Farmers Association. Dr. P. Srinivasu, Deputy Director, Department of AH&VS distributed the birds. Dr. M. S. Vasanth, Dean mentioned that as part of extension activity birds were reared by the students of the College and distributed two birds for each member. Dr. M. C. Shivakumar and R. S. B. Prasanna supervised the rearing and distribution of Giriraja birds.

Lakshadweep Nodal Officers Meeting

Nodal Officers Review Meeting of SRDDL was held at Lakshadweep during 24-25 April, 2010, under the chairmanship of Dr C. Renukprasad Director IAH&VB / SRDDL, Dr. Anwar, Director, Department of Animal Husbandry, Lakshadweep, welcomed the delegates & dignitaries to the meeting. Sri. Marnya Eta, Secretary Department of Animal Husbandry, Govt. of Lakshadweep, was the chief guest. Sri P. K. Mohanthy, Additional Chief Secretary, Government of Kerala, graced the occasion. Meeting was attended by Directors, Department of AH & VS, Governments of Karnataka, Kerala and Puducherry (UT). Nodal Officers of Southern states presented the progress of their states during the meeting. Scientists from SRDDL gave the technical presentations on Mycoplasma, Brucellosis and Swine fever. Dr Shivaraj proposed vote of thanks.



Animal Health Camps organised

Sl. No.	Place and Date	No. of Cases Treated / Advised	Organised by
1	Kannamangala, Doddaballpur Taluk 23-03-2010	100 cattle	Extension Education Center, Bangalore Campus

Demonstration / Exhibition / Field Days / Pashu / Matsyamela organised

Sl. No.	Place and Date	Event	Organised by
1	Hoskote, Bangalore 07-07-2010 to 09-07-2010	Exhibition as a part of 'Krishi Utsav' programme	Extension Education Center, Bangalore Campus

Radio / TV Programmes

1. Prof. H. Shivananda Murthy, Director of Extension, KVAFSU delivered a TV programme on "Extension Education Programmes and other facilities available from KVAFSU for the farming community" on 5th May, 2010 telecasted by Gulbarga Doordarshan Kendra. Dr. K. C. Veeranna, Associate Professor & Head, Department of Animal Husbandry Extension, Veterinary College, Bidar served as anchor for the programme.
2. Prof. H. Shivananda Murthy, Director of Extension, KVAFSU delivered a Radio talk on "Role of Extension Education in transfer of technology in Animal Husbandry and Fisheries" on 26th April, 2010 and broadcasted by All India Radio (AIR), Gulbarga.

Awards / Medals

Dr. S. Yathiraj, Dean of Veterinary College, Bangalore was conferred with "Fellow of Indian Society for Advancement of Canine Practice 2010" of the Indian Society for Advancement of Canine Practice held in Bangalore at the 7th National Congress of Canine Practice and "Fellow of Indian Society for Veterinary Medicine 2009" at the 28th Annual Convention of the Indian Society of Veterinary Medicine held in Hyderabad.

Important Visitors to the university

Visit of Deputy Commissioner to Shimoga Campus

Deputy Commissioner of Shimoga, Sri Pankaj Kumar Pandey visited Veterinary College, Shimoga on 25-03-10 and inspected the progress of various undergoing works.

List of Superannuated Officials during The period

Ref: Order No. ಕುಸ.ಪಿಂಚಣಿ-ವಿಭಾಗ/2009-10/4527, ದಿನಾಂಕ: 28-01-2010

Sl.No.	Name & Designation	Date of Superannuation
1	Sri. J. C. Prakash, Senior Assistant, Dairy Science College, Bangalore	31-01-2010
2	Sri. Uddandegowda, Senior Lab Assistant, Dairy Science College, Bangalore	31-01-2010
3	Sri. H. R. Krishnappa, Senior Animal Attender, Veterinary College, Bangalore	31-03-2010
4	Smt. Champakavalli, Senior Typist, Veterinary College, Bangalore	30-04-2010
5	Smt. Lingamma, Senior Animal Attender, Veterinary College, Bangalore	31-05-2010



List of Ph.D., and Masters Thesis accepted during the period

Veterinary College, Bangalore

Ph.D., Thesis

Sl.No.	Student Name	Department	Thesis Title	Guide
1	Rathnamma D.	Veterinary Microbiology	Evaluation of bovine mastitis causing <i>Staphylococcus aureus</i> biofilm based vaccine in rabbits	Dr. G.V. Krishnaurthy

Masters Degree (MVSc) Theses

Sl.No.	Student Name	Department	Thesis Title	Guide
1	S. Anandharaj	Animal Nutrition	Effect of long term feeding of salt treated castor (<i>Ricinus communis</i>) bean meal based concentrate mixture on the performance of stall fed lambs	Dr. T.M. Prabhu
2	Shashidhara M.P.	Animal Nutrition	Nutritional studies in lambs fed salt treated castor (<i>Ricinus communis</i>) bean meal as protein Supplement	Dr. T.M. Prabhu
3	Babu M.	Animal Genetics & Breeding	Comparative molecular studies on Genetic Resistance to Mastitis in Crossbred and Indigenous Cattle	Dr. C.S. Nagaraja
4	Krishnappa Balaganur	Veterinary Gynaecology & Obstetrics	Effect to oil adjuvant foot and mouth disease vaccination on pre and post-freezing semen parameters in HF bulls	Dr. V. Chandrashekar Murthy
5	Mahendra H.N.	Veterinary Medicine	Studies on certain epidemiological aspects of diarrhea due to <i>Escherichia coli</i> in calves	Prof. P.T. Ramesh
6	Mohammad Bayer Darmel	Vet. Pharmacology & Toxicology	Toxicity studies of Norfloxacin in broiler chickens	Dr. K. Jayakumar
7	Dhanush Krishna B.	Veterinary Pathology	Pathomorphological and biochemical evaluation of hypoglycaemic effects of <i>Eugenia jambolana</i> and <i>Tinospora cordifolia</i> in experimentally induced diabetes in rats	Dr. Suguna Rao
8	Manjunath K.P.	Veterinary Pathology	Sequential pathology of bluetongue virus infection in chicken embryos and suckling mice	Dr. Suguna Rao
9	Srikanth M.	Veterinary Pathology	Pathomorphological and biochemical studies on the effect of aged garlic extract in drug induced	Dr. M.L. Satyanarayana

Veterinary College, Bidar

Masters Degree (MVSc) Theses

Sl.No.	Student Name	Department	Thesis Title	Guide
1	Santosh Kumar	Veterinary Microbiology	Evaluation of heat stock protein adjuvanted vaccine against the isolates of mycoplasma from respiratory tract of poultry	Dr. Y. Hari Babu
2	Mahadevappa Koujalagi	Veterinary Surgery & Radiology	Evaluation of midazolam and diazepam as premedicants for induction of propofol anesthesia in buffalo calves	Dr. S.M. Usturge



Dairy Science College, Bangalore

Masters Degree (MVSc) Theses

Sl.No.	Student Name	Department	Thesis Title	Guide
1	Praveen A.R.	Dairy Technology	Studies on manufacturing technique and marketing of khoa and chhana in unorganized sector in Bangalore city	Dr. H.G. Ramachandra Rao
2	Shobhamani B.J.	Dairy Chemistry	Studies on evaluation of Peda and Sandesh for Glycemic Index Values	Dr. Narasimha Murthy
3	Vanaparathi Rajesh	Dairy Microbiology	Effect of chicory powder and wheat bran as natural prebiotics on the implantation of wild strains of probiotic culture	Dr. R. Prabha

College of Fisheries, Mangalore

Ph.D., Theses

Sl.No.	Student Name	Department	Thesis Title	Guide
1	Surendranath S.V.	Fisheries Microbiology	Nucleic acid and recombinant protein based strategies to enhance shrimp immune response	Dr. Indrani Karunasagar
2	Deepanjali A.	Fisheries Microbiology	Cloning and expression of some virulent proteins of <i>Aeromonas hydrophila</i>	Dr. Indrani Karunasagar
3	Sivashankar N.	Aquatic Environment Management	Ecology of clambeds in Mulki estuary of Dakshina Kannada	Dr. Gangadhara Gowda

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