



KARNATAKA VETERINARY, ANIMAL & FISHERIES SCIENCES UNIVERSITY NANDINAGAR, P.B. No. 6, BIDAR - 585401

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VOL-1

JANUARY-JUNE 2005

Inaugural Function of KVAFSU, BIDAR



Inauguration of the University by Sri. N.Dharamsingh, Hon'bie Chief Minister, Govt. of Karnataka on 17th January 2005 at Bidar

The inaugural function of Karnataka Veterinary, Animal and Fisheries Sciences University was celebrated on 17th January 2005 at Bidar. The function was attended by more than 10,000 farmers and general public of the area. His Excellency Governor of Karnataka Sri. T.N. Chaturvedi unveiled the emblem of the University. Hon'ble Chief Minister of Karnataka Sri. N. Dharm Singh laid the foundation stone for the administrative block of the University. Hon'ble Union Minister for State for Planning Sri. M.V. Rajashekharan released the souvenir, Hon'ble Minister for water resources and transport, Govt. of Karnataka Sri. Mallikarjun Kharge laid the foundation stone for the Teachers quarters complex, Hon'ble Minister for large & Medium industries, Govt. of Karnataka Sri. P.G.R. Sindhia



Unveiling of University Logo by Sri.T.N.Chaturvedi, His Excellency, the Governor of Karnataka and Chancellor on 17th January 2005 at Bldar

inaugurated the first floor of teaching Veterinary Clinical Complex. Hon'ble Minister for Agriculture Sri. K. Srinivas Gowda inaugurated the Library Building. Hon'ble Minister for Animal Husbandry & Wakf Govt. of Karnataka Sri Merajuddin N. Patel inaugurated the Composite Facilities Complex, Sri. Gurupadappa Nagmarpalli Hon'ble Minister for Forest & Environment inaugurated the Bull Centre of the Veterinary College, Dr. R. N. Sreenivas Gowda, Hon'ble Vice Chancellor of KVAFSU, Bidar welcomed the gathering, Hon'ble Member of Lokasabha, Bidar. Sri. Narsimha Rao Suryavanshi inaugurated the Laboratory Animals Building. The function was presided over by Sri. Bandeppa Khashempur, Hon'ble Member of Karnataka legislative Assembly, Bidar.

The following dignitaries graced the occasion:

Sri. Prakash Khandre, Hon'ble MLA, Bhalki

Sri. Mallikarjun Khuba, Hon'ble MLA B. Kalyan

Sri. Marutirao D. Male, Hon'ble MLC

Sri. M.R. Tanga, Hon'ble MLC

Sri. Khaji Arshad Ali, Hon'ble MLC

Sri. Arvind Patil, Vice-President ZP, Bidar

Dr. M.N. Sheelvantar, V.C. UAS B'lore

Sri. Rajendra Varma, Hon'ble MLA Hulsoor

Sri. Basavaraj Patil, Humnabad, Hon'ble MLC

Sri. Sushil G. Namoshi, Hon'ble MLC

Smt. Ratna B. Kushnoor, Hon'ble MLC

Sri. Daud Malik Deshmukh, President ZP, Bidar

Sri. S.A. Patil, Vice- Chancellor, UAS Dharwad

Sri. T.K. Anilkumar, Deputy Commissioner

Editorial Board: Chairman & Editor: Dr. K.S.Gangadhar; Associate Editor: Dr. K.C.Veeranna;

Members: Dr. I.Karunasagar, Dr. M.M.Kailas, Dr. G.Gopalkrishnarao, Dr. G.S.Bhat, Dr. P.Keshavanath,

Dr. P.A.Shankar & Dr. K.Satyanarayan



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I. Ex- Officio Members

- 01. The Vice-Chancellor Chairperson
- 02. The Principal Secretary to Govt. Dept. of AH & Fisheries or his nominee not below the rank of Joint Secretary Member
- 03. The Principal Secretary to Government, Finance Department or his nominee not below the rank of Joint Secretary- Member
- 04. The Secretary to Government, Law Department or his nominee not below the rank of Joint Secretary-Member
- 05. The Director of Animal Husbandry, GOK B'lore-Member
- 06. The Director of Fisheries, GOK, Bangalore Member
- 07. The Registrar of the University Member Secretary



KEY OFFICERS OF THE UNIVERSITY

- 01. Prof. R.N.Sreenivas Gowda, Vice-Chancellor
- 02. Dr. Suresh S. Honnappagol, Registrar
- 03. Sri. S.Pushparaj, Comptroller
- 04. Dr. I.Karunasagar, Director of Research
- 05. Dr. K.S.Gangadhar, Director of Extension
- 06. Dr. P.A.Shankar, Director of Instruction (PGS)
- 07. Dr. M.M.Kailash, Dean, Veterinary College, Bangalore
- 08. Dr. D.G.K.Rao, Dean, Veterinary College, Bidar
- 09. Dr. G.S.Bhat, Dean, Dairy Science College, Bangalore
- 10. Dr. P.Keshavanath, Dean, College of Fisheries, Mangalore

II. Other Members:

- 01. Dr. R.V.Patil, H.No.17-4-283, Mahesh Nagar, Gumpa, Bidar
- 02. **Sri. M.Rajanna**, L.Muthakadahalli, Keshavara, Sidlaghatta Taluk, Kolar
- 03. Sri. K.P.Kotekar, Beach Bungalow, Kotekar, Mangalore
- 04. **Sri. P.S.Nandakumar,** No.172, Kavi Lakshmesha Road, V. V. Puram, Bangalore
- 05. **Smt. Sheela Tiwari,** Kundan Kunj, Katghapura, Shaha Bazaar, Gulbarga
- 06. **Sri Samad Siddiqui**, No. 4-2-324/A, Siddiqui Compound, Noorkhan Thalim, Bidar
- 07. President, Karnataka Veterinary Council



CONSTITUENT COLLEGES

Veterinary College, Bangalore College of Fisheries, Mangalore Dairy Science College, Bangalore Veterinary College, Bidar

Estd. 1958 Estd. 1969 Estd. 1980 Estd.1984

FAREWELL

Functions were organized by the Staff of KVAFSU to bid farewell to the following staff on their superannuation.

S.No.	Name of the Staff	Date of Superannuation	Farewell organized by				
01.	Dr. V.Ramakrishna, Prof. & Head, Dept. of Anatomy, Vety. College, Bidar	31.03.2005	Staff of Veterinary College, Bidar				
02.	Dr. Honne Gowda, D.I.(Vety), Veterinary College, Bangalore	31.03.2005	Faculty Club, Vety College, Bangalore				
03.	Dr. G.Deve Gowda, Prof. & HeadDept.of Poultry Science, Veterinary College, B'lore	31.03.2005	-do-				
04.	Dr. P.Nagarajachar, Prof. & HeadVeterinary Hospital, Yalahanka, Bangalore	31.05.2005	-do-				
05.	Dr. Syed Ziauddin, Prof. & Head, Dept. of Livestock Products Technology, Vety. College, Bangalore	30.06.2005	-do-				
06.	Sri. Karamathulla, Prof. & HeadDept. of Dairy Economics, D.Sc. College, B'lore	30.06.2005	Faculty Club Dairy Sc.College, Bangalore				

The Editorial committee on behalf of the entire teaching and non-teaching staff of KVAFSU wishes them a Happy





World Veterinary Day Celebration - 30th April 2005



Dr. K.Thrivikrama Rao, Former D.I.(Vety) was felicitated on the World Veterinary Day Celebrations



Dr. M.M.Kailas, Dean Veterinary College, B'lore distributing prize to the winner of the literary Competitions held in connection with World Veterinary Day

World Veterinary Day was celebrated on 30th April 2005 in Bangalore and Bidar Veterinary College Campuses of KVAFSU. In this connection free Anti Rabies Vaccination Camp, Animal birth control operation for pet dogs, free consultation and advice to farmers regarding livestock production and health management were organized at the Veterinary College Hebbal. At Veterinary Hospital Yalahanka free vaccination camp against foot and mouth disease and consultancy service to farmers were organized.

In connection with World Veterinary Day separate functions were organized at Hebbal and Bangalore Campuses. At Bangalore Dr. K.Thrivikramarao, former DI(Vety) and head Dept. of Veterinary Anatomy was felicitated by the staff and students of the College. At the Veterinary College, Bidar Hon'ble Vice-Chancellor Dr. R.N.Sreenivas Gowda and Dr. Suresh S. Honnappagol, Registrar of KVAFSU were felicitated on the occasion. Prizes were distributed to the winners of Essay Writing and Debating Competitions held for students at both the campuses.

NATIONAL SYMPOSIUM ON DRAUGHT ANIMAL BREEDING AND DEVELOPMENT FOR EFFICIENT UTILIZATION UNDER INDIAN FARMING SYSTEMS



Dr. B. S. Gangadhar, M.D. KMF, Dr. L. Shanthkumar, Director, Dept. of AH &VS, Dr. C. Krishna Rao, Former Animal Husbandry Commissioner, GOI, Sri. Merajuddin N. Patei, Hon'ble Minister for Animai Husbandry & Wakt, Govt. of Karnataka, Ms. Nita Choudhaury, Joint Secretary (AH), GOI, Sri. G. Raju Prem Kumar, Principal Secretary, Dept. of Animal Husbandry & Fisheries, GOK, Prof. R.N. Srinivas Gowda, Vice-Chancellor, KVAFSU, Bidar and Dr. N. Rajagopal Project Director, KLDA (Sitting Left to Right) Dr. M.G. Govidaiah Delivering a note on the theme of the Symposium



Exhibition was inaugurated by Sri. Merajuddin N. Patel, Hon'ble Minister for Animal Husbandry & Wakf, Govt. of Karnataka, Dr. M.G.Govindaiah, Professor & Chairman, Technical Committee explaining on the exhibits to the Minister and other dignitaries







Seminar / Symposia / Workshop / conference

A one day State Level Technical Seminar on Vision of Veterinary Profession-2020 was organized at Veterinary College, Bidar on 16th January 2005. The seminar was jointly organized by the Dept. of Animal Husbandry &



Dr. H.S.Ballal, Vice-Chancellor, MAHE inaugurating the National Workshop on Bioinformatics. Prof. D.Blohm, University of Bremen, Germany, Dr. D.Rajagopal, Director, CPCRI, Kasargod and Dr. P.Keshavanath, Dean (Fisheries) are seen.

Veterinary Services, Govt. of Karnataka, Karnataka Veterinary Association, Bidar and Karnataka Veterinary Association, Bangalore and KVAFSU, Bidar.

Dr. Suresh S. Honnappagol, Registrar KVAFSU participated in the International congress on Canine Production between 9-11th February 2005 at New Delhi and Chaired the session on Canine Reproduction.

A National Workshop on Bioinformatics was organized during February 21-23, 2005 by the Department of Fishery Microbiology. Fifteen participants, comprising of faculty and researchers from different Universities and Institutes of India attended the workshop. The workshop was inaugurated by Dr. H.S. Ballal, Vice- Chancellor, Manipal Academy of Higher Education (MAHE). Prof. D. Blohm from University of Bremen, Germany Was a guest faculty. Dr. D. Rajagopal, Director, Central Plantation Crops Research Institute (CPCRI), Kasargod and Dr. K. Sathyumoorthy, MAHE delivered guest lectures. A practical manual was brought out.

Dr. M.G.Govindaiah participated in the 8th National Conference on Animal Genetics and Breeding at CIRG Makhdoom, Farah-281122, Mathura (UP) from 8th to 10th March 2005 and also presented a lead paper on breeding



Inaugural function of Seminar on Current Strategies in Productive
Health & Hatchery Management in Poultry

policy for cattle and buffalo in southern India. Dr. M.G.Govindaiah also participated and presented a lead paper in the National Symposium on "Emerging Trends in Dairy Processing Systems and their impact on quality attainment" at College of Dairy Science & Technology, Kerala Agril. University, Mannuthy between 16-17th March 2005.

The Department of Pathology, Veterinary College, Hebbal, Bangalore in association with Indian Association of Veterinary Pathologist conducted a One Day Seminar on Current Strategies in Productive Health and Hatchery Management in Poultry on 2ndApril Dr. R. N. Sreenivas Gowda, Hon'ble Vice-Chancellor, KVAF-SU, Bidar inaugurated the function and highlighted the need for bridging the gap between Industries and Universities. Mr. M.Rajanna Hon'ble Board Member KVAFSU, Bidar who was the Chief Guest of the function released the Souvenir. Dr. M. L. Sathyanarayana, Professor & Head, Dept. of Pathology gave the Welcome Address.

Professors, Inland Fisheries unit KVAFSU, Hebbal Bangalore as members participated in the world aquaculture society meeting held during 9-13 May 05 at Bali Indonesia and presented research papers related to Shrimp Farming in Asia in the above conference.

The Indian Component of the European Commission funded project on "Policy Research on Sustainable Shrimp Farming in Asia" led by Dr. C.Vasudevappa, Fisheries Research Officer, along with Dr. Seenappa, Associate Professor Extension Education Unit, UAS Hebbal, Dr. Y.Basavaraju and Dr. G.Y.Keshavappa Associate



INAUGURATION OF FISH GENETICS & BIOTECHNOLOGY LABOARATORY



Dr. R.N. Srinivas Gowda, Vice Chancellor, KVAFSU, Bidar Inaugurated the Fish Genetics and Biotechnology Laboratory at the inland Fisheries Unit, MRS, Hebbai on 18th April 2005. The Laboratory is established for Fish Genetics Research under different projects operated by Dr. Y. Basavaraju, Assoc. Professor, inland Fisheries Units, MRS Hebbal

INAUGURATION OF COMPLETE FEED MIXING UNIT & FARMERS MEET



Dr. J.P. Mittal is seen along with the officers of the KVAFSU during the function held in connection with th inauguration of complete feed mixing unit and farmers meet on 5.5. 2005. at Veterinary College Bidar

COLLEGE ACTIVITIES



Hon'ble Vice-chancellor delivering the Presidential Address at the Inaugural function of the Silver Jubilee Celebration of College of Fisheries Alumni Association (17-5-2005). Shri. R.P.Kotekar, Member, Board of Management, Prof. H.P.C.Shetty, Former Director of Instruction (Fisheries) Dr. P. Keshavanath, Dean (Fisheries) Smt. Vani Ramachandra & Dr. S.Benakappa, Secretary COFAA are seen.



Hon'ble Minister for A.H. and Wakfs, GOK was felicitated by the Staff and Students of Veterinary College during the Annual College Day Celebrations held on 10th January 2005



Hon'ble Vice-Chancellor giving away the shield at 'FISHCO FESTIVAL' of the College of Fisheries, Mangalore. The College organizes a 3-day FISH-CO Festival every year. Also seen are: Shri. H.Shekar Poojary, Plant Manager, VIC FISH LTD., Tanzania, Dr. P.Keshavanath, Dean (Fisheries), Shri. S.G.Renuka Murthy, President, Student Committee & Shri Saravanan, Ph.D. student, M.C.



Shri. Merajuddin N. Patel, Hon'ble Minister for AH & Wakf, GOK is seen lighting the lamp during the Annual College Day Celebrations of Veterinary College, Hebbal, Bangalore at the Kannada Sabhangana of the Campus





N.S.S. Activities



Mr. M.Rajanna Hon'ble Member of Board of Management and Dr. Sundermurthy M.D.Kolar Milk Union giving prizes to best farmers in Mallur MPCS during RAWE Programme



Mr. M.Rajanna, Hon'ble Member of Board of Management addressing the Progressive Dairy Farmers at Maliur Village



Animal Health Camp cum Livestock show was organized at Hanumantha Wadi (B) village as part of NSS Annual Special Camp



NSS Volunteers participating in the cleaning operation of water tank as a part of Shramadana in NSS Camp held at Hanumanthawadi (B) village



NSS Volunteers leveling the play ground at ZP Higher Primary School, Balekudru

Final Year B.Tech (D.Tech) students have undergone Rural Dairy Work Experience (RDWE) at Mallur village of Shidleghatta taluk of Kolar District from 24th April 2005 to 30th April 2005. The RDWE programme was inaugurated by the Hon'ble Board Member of KVAFSU Sri. M.Rajanna and presided by the Dean, (Dairy Science). In the valedictory function the Managing Director of the Kolar Milk Union Dr. Sundar Murthy and the Hon'ble Board Member Mr. M.Rajanna were the Chief Guests. On the same day an exhibition was organized for the benefit of farmers.

N.S.S. annual special camp was organized by the NSS Units of Veterinary College, Bidar in association with Prawarda, Basavakalyan at Hanumanthawadi (B) village of Basavakalyan Taluk from 22.3.2005 to 31.3.2005. One hundred volunteers participated in the various activities like animal health camp, human health camp, eye camp, agriculture and Animal Husbandry training programme, livestock

show and AIDS awareness campaign organized in connection with the NSS camp.

A 10-day Special Camp of NSS was organized from 17th to 26th April, 2005 at Balekudru Village, Hangarkatta. In this programme, the focus was on awareness creation, shramadana, exhibition and demonstration not only regarding Fisheries, but also health, water conservation, etc.,





New Research Projects 2004-05

SI. No.	Title	Funding Agency	Amount Sanctioned & Duration	Location	Principal Investigator
01	Enhancement of calcium absorption by incorporation of caseinophosphopeptides in dietetic foods	ICAR	Rs. 15.6 lakhs for three years	Dept. of Dairy Chemistry, Dairy Science College, Bangalore	Dr. S.G.Bhat
02	Herd Registration, Field Performance Recording in Indigenous Breeds of Cattle	Karnataka Livestock Development Agency, State Dept. of AH & VS, GOK	Rs. 64.81 lakhs for three years	Dept. of Animal Breeding Genetics & Biostatistics, Veterinary College, Bangalore	Dr. M.G.Govindaiah
03	Programme support in Fisheries Biotechnology	Dept. of Biotechnology New Delhi	Rs. 165 lakhs	Department of fishery Microbiology, College of Fisheries, Mangalore	Dr. I. Karunasagar
04	Comparative Study to ascertain draftability of Deoni & HF crossbred cattle	ICAR, New Delhi	28.44 lakhs for three years	Department of Animal Breeding, Genetics & Biostatistics, Veterinary College, Bidar	Dr. V.Ramakrishna & Dr. M.M.Appannavar
05	Periphyton based aquaculture a low cost technology for increasing pond fish production	ICAR	Rs. 22.86 lakhs for three years	Department of Aquaculture, College of Fisheries, Mangalore	Dr. P.Keshavanath
06	Contract farming of poultry in India: Partnerships to promote the environ-mentally friendly and equitable intensify-cation of small holder market oriented livestock production.	International Food Policy Research Institute, Washington	Rs. 4.2 lakhs For 1 year	Department of livestock products technology, Veterinary College, Bangalore	Dr. Nadeem Fairoze
07	Influence of lysine producing probiotics (LPP) vis-a-vis type of protein source on performance of broilers	M/s DVS Bio Life Ltd, Secunderabad	0.39 lakhs for one year	Department of Animal Nutrition, Vety College, Bangalore	Dr. B.S.V.Reddy

Scientific Publications in referred Journals:

- H.M.Jayaprakasha and Y.C.Yoon (2005) Characterization of Physico-chemical and functional peptides of spray dried whey protein concentrate hydrolysates. Milk Science International. 60(3): 305-309.
- 2. H.M.Jayaprakasha and Y.C.Yoon (2005). Production of functional whey protein concentrate by monitoring the process of the ultrafiltration. Asian Australian J. Animal Sciences. 18(3):433-438.
- 3. Ramachandra Rao H.G and Arun Kumar H. (2005). Spray drying of mango juice butter milk blends. Le Lait. 6:1-10.
- B.Manjanaik, K.R.Umesha, Indrani Karunasagar, Iddya Karunasagar (2005). Detection of hepatopancreatic parvovirus (HPV) in wild shrimps in India by nested polymerase chain reaction (PCR). Diseases in Aquatic Organisms. 63:255-259.
- Lekha Pandit, Sanath Kumar, Indrani Karunasagar and Iddya Karunasagar (2005). Diagnosis of partially treated culture-negative bacterial meningitis using 16S rRNA universal primes and restriction endonuclease digestion. Journal of Medical Microbiology. 54:539-542.
- Parvathi, A., Sanath Kumar, H., Indrani Karunasagar and Iddya Karunasagar (2005). Study of the occurrence of Vibrio vulnificus in India by polymerase chain reaction (PCR) and heterogenicity among V.vulnificus by RAPD and gyr B sequence analysis Environmental Micro-biology. 7:995-1002.

7. Prasad, S., Narayana, K., Jayakumar, K., and Srikanth, K.G. (2005). Phytochemical analysis of toxic plant Chromolaena odorata (Euphatorium odoratum). J. Indian Soc. Toxicol. 1:17-19.

Recognitions:

The research article entitled "Molecular Characterization of Hallikar Breed of Cattle" by Naveen Kumar, S., Jayashankar, M.R., Nagaraja, C.S., and Govindaiah, M.G. has been adjudged as the "Best Poster Presentation" in the Second National Symposium on Domestic Animal Diversity: Status, Opportunities and Challenges organized by National Bureau of Animal Genetic Resources, Karnal, Haryana from 10-11 February 2005.

International Scientific Exchange:

- Dr. I. Karunasagar participated in the meeting of the coordinators of European Commission project on Development of Diagnostics for fishborne trematodes at the Centre for Disease Control, Nanning, China during June 5-10, 2005.
- 2. Dr. Indrani Karunasagar visited University of Wuerzburg, Germany for collaborative research under DST-DAAD programme during May-June, 2005.
- Prof. Blohm, University of Bremen, Germany visited College of Fisheries, Mangalore as guest Professor during Jan-Feb. 2005.
- Dr. Ana Godhe, University of Goteborg, Sweden and Dr. Ann-Sofi Rehnstam Holm, Kristianstad University, Sweden, visited College of Fisheries, Mangalore under Indo-Swedish project during January, 2005.





Training Programme



Inaugural Function of Refresher Training Course on Artificial Insemination & Treatment of Infertility in Dairy Cattle & Buffaloes held on 31.1.2005 at VCI Building B'lore

A Refresher Training Course of 5 days duration on artificial insemination and treatment of infertility in dairy cattle and buffaloes was conducted in the department of Animal Reproduction, Gynaecology & Obstetrics, Veterinary College, Bangalore for the benefit of Veterinarians from the department of Animal Husbandry & Veterinary Services, Govt. of Karnataka. Dr. M.Devaraj, Professor & Head was the Course Director. The Course financed by the Karnataka



A One Day Training Programme on Dairy Farming was organized at Veterinary College, Bidar on 20th February 2005 for Women Members of Self Help Group from Shahapura, Bidar Taluk



Hon'ble Vice-Chancellor & Registrar of KVAFSU, Bidar are seen along with the resource persons and participants of the Refresher Training Course at Veterinary College, Bidar

Livestock Development Agency was inaugurated by Dr. R.N.Sreenivas Gowda, Hon'ble Vice-Chancellor, KVAFSU, Bidar on 31.1.2005. The Compendium of the Course was released by Dr. G.Krishnappa, Director Institute of Veterinary Animal Health & Veterinary Biologicals, the function was presided by Dr. M.M.Kailas, Dean Veterinary College, Hebbal, Bangalore. A total of 340 Veterinarians in Fourteen batches were trained. A similar Training Programme was also organized in the department of Animal Reproduction, Gynaecology & Obstetrics of the Veterinary College, Bidar where 42 Veterinarians were trained between 14.3.2005 to 08.04.2005. Dr. Suresh S. Honnappagol, Registrar, KVAFSU was the Course Director.

Shree E.Narayanappa, Associate Professor, Dairy Extension participated in the orientation training programme of N.S.S.Programme Officers between 27th January to 5th February at Vidyanagar, Bangalore.

A One Day Training Programme on Summer Management and Balance Feeding of Dairy Animals was organized by the Department of Animal Nutrition of Veterinary College, Bidar on 5th May 2005. Seventy five farmers participated in the Training programme.

Edited & Published by:

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