



# NIVEDI

## News

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### *From the Director's Desk....*

Greetings!

Wish you all a very happy and prosperous New Year 2015!

The year 2014 was an eventful year for NIVEDI. After about 28 years of existence since inception as AICRP on ADMAS in 1987, constructed its permanent Administrative building and Biosafety Laboratory at Yelahanka, Bengaluru. It is indeed a proud moment for NIVEDIANS. We are indebted to Dr. S. Ayyappan, Secretary, DARE and Director General (ICAR) and Dr. K. M. L. Pathak, Deputy Director General (AS), ICAR for their guidance, help and encouragement and also acknowledge the support and help received from Dr. Gaya Prasad, Assistant Director General (AS) and a staff of ICAR Head Quarters, member of Project Monitoring Committee, my colleagues and others directly or indirectly helped in successful completion of construction work. Appreciation is accorded to NDDB, Anand for completing work in record time. NIVEDI is now ready for advanced research and development activities to serve the nation for livestock disease surveillance and forecasting.

NIVEDI has initiated collaboration with Centre for Disease Control and Prevention (CDC), Atlanta under One health programme involving Brucellosis, Rabies, Leptospirosis and Anthrax. Also with CDC and USDA for training programmes on Epidemiology and related surveillance and monitoring activities. Institute had conducted annual and midterm review meets on Assessment of economic impact on Foot and Mouth Disease (FMD), Epidemiology of Brucellosis during this period. The institute had organised Annual Review Meet of DBT Network Project on Brucellosis at JNU, New Delhi. NIVEDI has initiated a collaborative research project in the Public-Private-Partnership mode with M/s. Intervet Pvt. Ltd. on Evaluation of graded dose of Calvhod Vaccine for Bovine Brucellosis.

NIVEDI is a vital partner of National Surveillance Programme on Aquatic Animal Disease, had successfully developed sampling frame of aquatic animal disease surveillance in India. Scientists of NIVEDI were oriented to applications of Remote Sensing (RS) and GIS in Veterinary Science by Indian Institute of Remote Sensing, Dehradun.

Vigilance Awareness Week was organized to create awareness and propagate the principles of anti-corruption among employees and researchers. NIVEDI initiated the cleanliness campaign under 'Swachh Bharat Mission' launched by Hon'ble Prime Minister of India, Shri Narendra Modi for the next five years ending on 2<sup>nd</sup> October, 2014 coinciding the 150<sup>th</sup> birth anniversary of Mahatma Gandhi.

With advanced facilities of BSL and having recognised as a Nodal Centre for training in epidemiology of economically important livestock diseases, NIVEDI is shouldering more responsibilities to cater the needs of livestock disease control policy matters in the country.

## NIVEDI new building activities



Dr. S. Ayyappan, Secretary, DARE and Director General, ICAR visited Administrative building and Biosafety Laboratory of NIVEDI at Yelahanka, Bengaluru on 18<sup>th</sup> August, and 5<sup>th</sup> December, 2014.



Dr. K.M.L. Pathak, DDG (AS), ICAR and Dr. Raghavendra Bhatta, Director, NIANP visited Administrative building and Biosafety Laboratory of NIVEDI at Yelahanka, Bengaluru on 18<sup>th</sup> December, 2014.



Dr. Gaya Prasad, ADG (AH), ICAR and Dr. R.K. Singh, Director, IVRI visited the Administrative building and Biosafety Laboratory of NIVEDI at Yelahanka on 18<sup>th</sup> December, 2014.

## Scientific Activities



A training programme on Basic Epidemiology was organised by National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI) in collaboration with Indian arm of Centers for Disease Control and Prevention (CDC), USA during 1-5<sup>th</sup> December, 2014 at Bengaluru. Dr. S. Ayyappan, Secretary, DARE and Director General, ICAR appreciated the efforts of the CDC in capacity building of Indian Scientists in the area of Veterinary Epidemiology. Dr. Kayla Laserson, Director, CDC, India, thanked the organisers for conducting the training programme and appreciated the enthusiasm of trainees. Dr. D.K. Agrawal, ADG (National Fund), ICAR, New Delhi were also present during the occasion. Dr. H. Rahman appreciated CDC for their active support and collaboration in organizing the epidemiology training at NIVEDI, Bengaluru.



PDFMD and NIVEDI jointly organized a workshop on "Economic impact of FMD and its control in India" at NIVEDI, Bengaluru on 31<sup>st</sup> July, 2014. NIVEDI scientists and officials from 10 states and one union territory participated in the review workshop.



NIVEDI, Bengaluru and Sardar Krushinagar Dantiwada Agricultural University (SDAU) jointly organized Mid-Term Review Meet on DBT-Network Project on Brucellosis at Ahmedabad on 8<sup>th</sup> August, 2014. Shri Babubhai B. Bokhiriya, Honourable Minister for Agriculture, Co-operation, Water Resources, Water Supply, Animal Husbandry, Fisheries and Cow Breeding, Govt. of Gujarat, expressed his gratitude to DBT, New Delhi and NIVEDI, Bengaluru for organizing the meet in Gujarat



Dr. Scott S. Sindelar and Mrs. Deepa from USDA, India visited NIVEDI, Bengaluru on 18<sup>th</sup> October, 2014 and had discussion with Director and Scientists.



Expert team evaluated a kit developed under DBT Network Project on Brucellosis by Dr. Giri Polavarapu, PI, Subproject Brucellosis Diagnosis-3, Hyderabad on 27<sup>th</sup> October, 2014.



Dr. D. Hemadri, Principal Scientist participated in International conference on Bluetongue and related Orbiviruses held at Rome, Italy during 5-7<sup>th</sup> November, 2014.



NIVEDI organized a workshop on “Information and Communication Technology Tools in Rabies Prevention and Control” on 29<sup>th</sup> September, 2014 on the occasion of World Rabies Day.



Annual Review Meet of DBT sponsored ‘Network Project on Brucellosis’ was jointly organized by Jawaharlal Nehru University (JNU), New Delhi and NIVEDI, Bengaluru at JNU New Delhi on 21-22<sup>nd</sup> November, 2014. Project investigators and Research Fellows representing ICAR institutes, State Agricultural University (SAU)/ State Veterinary University (SVU) and Industries from 13 states participated in the meet.

## Important Events



NIVEDI, Bengaluru celebrated its Foundation Day on 1<sup>st</sup> July, 2014 at Yelahanka campus and Dr. H. Rahman, Director hoisted the Institute flag and addressed the staff members.



NIVEDI, Bengaluru celebrated the ICAR Foundation day on 16<sup>th</sup> July, 2014 as "Farmers Day". Tribal farmers from Soligaradoddi and Muthathi, Mandya district, Karnataka participated in the function. Lectures on "Animal Health Management" was organized and distributed mineral mixtures for the benefit of the farmers. An exposure visit to Karnataka Sheep and Wool Development Board, Bengaluru was also organized. Dr. S.N. Singh, Managing Director, Biovet India Ltd. delivered a lecture on the occasion.



68<sup>th</sup> Independence Day was celebrated on 15<sup>th</sup> August, 2014 at NIVEDI, Bengaluru and Dr.H. Rahman, Director hoisted the National flag.



NIVEDI, Bengaluru organized "Hindi Saptah" during 15-20<sup>th</sup> September, 2014. Various events like debate, quiz, extempore speech, etc in Hindi were conducted during the occasion.





Dr. H. Rahman, Director, NIVEDI initiated the cleanliness campaign under 'Swachh Bharat Mission' launched by Hon'ble Prime Minister of India. Dr.H. Rahman administered the Swachhata Shapath (Cleanliness oath) to scientists, officers, research fellows and other employees present on the occasion in Hindi and English. He urged that cleanliness oath (Swachhata Shapath) should be followed in letter and spirit.



NIVEDI, Bengaluru observed vigilance awareness week during 27<sup>th</sup> October- 1<sup>st</sup> November, 2014 on the theme "Combating Corruption-Technology as an Enabler". Director, NIVEDI, administered the pledge to scientists, officers and other staff members. A debate competition on "Is technology a boon or bane in controlling corruption?" was organized on 30<sup>th</sup> October, 2014 to commemorate the vigilance week.



NIVEDI Scientists and Staff members participated in the ICAR South Zone Sports Meet organized by IIHR, Bengaluru held at Sri Kanteerava Stadium, Bengaluru during 13-17<sup>th</sup> October, 2014.



NIVEDI, Bengaluru celebrated Kannada Rajyotsava Day on 1<sup>st</sup> November 2014. On this occasion, several sports/games were organized to staff members.



Scientists and Staffs of NIVEDI, Bengaluru participated and exhibited various institute technologies developed in the National Krishi Mela 2014 held at GKVK, UAS, Bengaluru during 19-21<sup>st</sup> November, 2014.

### Field visits



Dr. G. Govindaraj, Scientist conducting survey in Podigai livestock market at Vellore, Tamilnadu to study the impact of FMD on livestock markets on 23<sup>rd</sup> December, 2014.

### Human Resource Development



Scientists and STO's from NIVEDI, Bengaluru attended five days training programme on "Geospatial Technologies

for Veterinary Epidemiology and Disease Informatics" organized by Indian Institute of Remote Sensing (IIRS), Dehradun during 8-12<sup>th</sup> September, 2014.



One-day brucellosis sensitization training was conducted under Brucellosis-Control Programme on 22<sup>nd</sup> September, 2014 at Agartala, Tripura. Dr. Darmeshwar Das, Director of Animal Husbandry, Govt. of Tripura, inaugurated the training programme. NIVEDI Scientists Dr.B.R. Shome and Dr. Rajeswari Shome imparted training to participating Veterinary Officers.

### Participation in Meetings/Seminars/Symposia/Training

1. Dr. H. Rahman, Director attended the brain storming session on Buffalo production at New Delhi on 4<sup>th</sup> July, 2014
2. Dr. H. Rahman, Director attended the Avian Influenza meet on 6<sup>th</sup> August, 2014 at DAHDF, New Delhi.
3. Dr. H. Rahman, Director, Dr. Rajeswari Shome, Principal Scientist and Dr. V. Balamurugan, Senior Scientist attended workshop on Biosecurity UNSCR 1540 organized at ICGEB, New Delhi on 21-22<sup>nd</sup> September, 2014.
4. Dr. G.B. Manjunatha Reddy, Scientist attended 6<sup>th</sup> National Conference of Association for Prevention and Control of Rabies in India (APCRI) from 5-6<sup>th</sup> July, 2014 at Mysore, Karnataka.
5. Dr.G. Govindaraj, Scientist and Dr. Yogisharadhaya, R, Senior Technical Officer of NIVEDI along with scientists from NIANP, IVRI and ZPD, Bengaluru participated in the farmers-scientists interactive workshop on "Contingency measures for livestock feeding and management under adverse weather conditions" held at KVK, Handenahalli, Doddaballapur on 16<sup>th</sup> July, 2014.
6. Dr. V. Balamurugan, Senior Scientist, Dr. G. Govindaraj, Scientist and Dr.M.Nagalingam,

- Scientist attended ISVIB 2014 conference on "Livestock Diseases affecting livelihood options and global trade-strategies and solutions" held at Madras Veterinary College, Chennai during 17-19<sup>th</sup> July, 2014.
7. Dr. B.R. Shome, Principal Scientist, Dr. Yogisharadhya R, Senior Technical Officer and Dr. Awadhesh Prajapati, Senior Technical Officer participated in workshop on "Contingency measures for livestock feeding and management under adverse weather conditions" and Farmer-Scientist meet at KVK, Bijapur, Karnataka on 22<sup>nd</sup> August 2014.
  8. Dr. P.P. Sengupta, Principal Scientist attended annual review meeting of Outreach Programme on Zoonotic Diseases held at IVRI, Izatnagar, Uttar Pradesh during August, 2014.
  9. Dr. P.P. Sengupta, Principal Scientist, Dr. P. Krishnamoorthy, Scientist and Dr. Yogisharadhya, R, Senior Technical Officer, NIVEDI along with scientists from NIANP and IVRI, Bengaluru participated in the farmers-scientists interactive workshop on "Contingency measures for livestock feeding and management under adverse weather conditions" held at KVK, Gulbarga during 27<sup>th</sup> August, 2014.
  10. Dr. P. Krishnamoorthy, Scientist and Dr. R. Sridevi, Scientist attended the International Conference on Animal and Dairy Sciences conducted by Omics Group at Hyderabad International Convention Centre, Hyderabad during 15-17<sup>th</sup> September, 2014.
  11. Dr. G.B. Manjunatha Reddy, Scientist attended 8<sup>th</sup> annual meet of EPIZONE-2014 held during 23-25<sup>th</sup> September, 2014 at Copenhagen, Denmark.
  12. Dr. S. S. Patil, Senior Scientist, Dr. Yogisharadhya R, Senior Technical Officer, attended ARChE\_Net project sponsored training on "LASER Software" held at ICAR-National Institute of Animal Nutrition and Physiology, Adugodi, Bangalore from 7-8<sup>th</sup> October, 2014
  13. Dr. Sridevi. R, Scientist cum Nodal Officer, ITMU attended ZTMC annual meeting cum workshop of AgrIP 2014 held during 9-10<sup>th</sup> October, 2014 at IIHR, Bengaluru.
  14. Dr. S. S. Patil, Senior Scientist, Dr. Yogisharadhya R, Senior Technical Officer, Mr. Riyaz Ahmed, AO, Mr. R.K. Babu, AF & AO and Mr. Rajeevalochana, AAO attended "Review meet on MIS FMS" held at ICAR-Indian Institute of Horticultural Research, Hesaraghatta, Bengaluru on 13<sup>th</sup> October, 2014.
  15. Dr. D. Hemadri, Principal Scientist participated in International conference on Blue tongue and related Orbiviruses held at Rome, Italy during 5-7<sup>th</sup> November, 2014.
  16. Dr. M.R. Gajendragad, Principal Scientist and Dr. K.P. Suresh, Scientist participated in International Workshop on Aquatic Animal Disease Surveillance held at National Bureau of Fish Genetics Resources, Lucknow during 12-15<sup>th</sup> November, 2014.
  17. Dr. P. Krishnamoorthy, Scientist and Dr. G.B. Manjunatha Reddy, Scientist attended the Veterinary Pathology Congress 2014 & National symposium on Impact of climate change on Pathobiology of Diseases of Animals, Poultry and Fish conducted by College of Veterinary Science and Animal Husbandry, Anand Agricultural University, Anand, Gujarat, India during 13-15<sup>th</sup> November, 2014.
  18. Dr. V. Balamurugan, Senior Scientist and Dr. G. Govindaraj, Scientist attended and presented paper in the National conference on PPR held during 28-29<sup>th</sup> November, 2014 at New Delhi.
  19. Dr. P. Krishnamoorthy, Scientist participated in the training on Basic Epidemiology conducted by NIVEDI in collaboration with CDC, USA at NIVEDI, Bengaluru during 1-5<sup>th</sup> December, 2014.
  20. Dr. K.P. Suresh, Scientist and Dr. Sridevi. R, Scientist attended 2<sup>nd</sup> Joint meeting on Nationwide Avian Influenza Surveillance Plan at National Institute of Virology, Pune on 5<sup>th</sup> December, 2014.
  21. Dr. V. Balamurugan, Senior Scientist attended XXIII National Conference of Indian Virological Society, Virocon 2014 held at TNAU, Coimbatore, Tamilnadu during 18-20<sup>th</sup> December, 2014.
  22. Mr. M. Lakshmaiah, Assistant participated in the Programme on CSP for Assistants of ICAR held at Institute of Secretariat Training and Management, New Delhi during 10-21<sup>st</sup> November, 2014.
  23. Mrs. G.C. Sridevi, LDC attended the Basic training programme for use of Hindi on Computer held at Central Hindi Training Sub-Institute, Bengaluru during 10-14<sup>th</sup> November, 2014.
  24. Mr. K. Vijaya Raj, Stenographer Grade III attended the Basic training programme for use of Hindi on Computer held at Central Hindi Training Sub-Institute, Bengaluru during 24-28<sup>th</sup> November, 2014.

### Joining

Dr. Mudassar M. Chanda, Scientist joined the institute on 20<sup>th</sup> November, 2014 after availing the study leave.

### Trainings/Workshops organized

1. Review workshop on "Economic impact of FMD and its control in India" was conducted on 31<sup>st</sup> July, 2014 at NIVEDI, Bengaluru.
2. Training on Disease Diagnosis and Surveillance for M.F.Sc students from CIFE, Mumbai was conducted at NIVEDI, Bengaluru during 5-10<sup>th</sup> August, 2014.
3. NIVEDI and SDAU, Gujarat jointly organized one day Mid-Term Review meet on "DBT-Network Project on Brucellosis" at Ahmedabad on 8<sup>th</sup> August, 2014.
4. Training on surveillance and vaccination for brucellosis was conducted to Veterinary Officers, Animal Husbandry Dept., Govt of Tripura under Brucellosis-Control Program on 22<sup>nd</sup> September, 2014 at Agartala, Tripura.
5. A workshop on "ICT tools in Rabies Prevention and Control" was organized at NIVEDI on 29<sup>th</sup> September, 2014 on the occasion of World Rabies Day.
6. NIVEDI coordinated 2<sup>nd</sup> "Brucella Genomics" workshop from 13-17<sup>th</sup> October, 2014 held at Madurai Kamaraj University, Madurai, Tamilnadu.
7. NIVEDI and JNU, New Delhi organized 2<sup>nd</sup> Annual Review Meet of DBT-Network Project on Brucellosis during 21-22<sup>nd</sup> November, 2014 at New Delhi.

### New Project

1. PPP mode project in collaboration with M/s. Intervet Pvt. Ltd., Briahnagar, Waghli, Pune on "Evaluation of the immune response against graded dose of *Brucella abortus* S19 (calfhood) vaccine in bovines".

Principal Investigator: Dr Rajeswari Shome,  
Principal Scientist

### Distinguished visitors

1. Shri. M. Rajanna, Honourable MLA, Sidlaghatta, Kolar
2. Dr. S. Ayyappan, Director General, ICAR & Secretary, DARE
3. Dr. K.M.L. Pathak, DDG (AS), ICAR
4. Dr. Gayaprasad, ADG (AH), ICAR
5. Dr. D.K. Agarwal, ADG (National Fund), ICAR
6. Dr. R.K. Singh, Director, IVRI, Bareilly
7. Dr. Kayla Laserson, Director, CDC, India
8. Dr. Sheik Shah Hussain, Animal Human Interface Officer, CDC, India
9. Dr. Scott S. Sindelar, USDA, India
10. Mrs. Deepa, USDA, India
11. Dr. P. Manjunatha Rao, Director, IIHR, Bengaluru
12. Dr. Raghavendra Bhatta, Director, NIANP, Bengaluru
13. Dr. C. S. Prasad, Former Director, NIANP, Bengaluru
14. Dr. Abraham Varghesse, Director, NBAII, Bengaluru
15. Dr. Puran Singh, Assistant Director, Official Language, DARE, New Delhi

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