



Director's Desk

New Year 2018 greetings to all!

While the New Year 2018 stand before us like a chapter in a book waiting to be

written, we are continuing our unbeaten journey to attain newer heights in the field of epidemiology, informatics and economics of livestock diseases by adding new infrastructure of Laboratory block and Training cum Farmer's Hostel. It was inaugurated by Hon'ble Dr. Trilochan Mohapatra, Secretary, DARE & DG ICAR on 30th June, 2018 in the presence of DDG(AS) and other dignitaries. As ICAR- NIVEDI is recognized as the frontier research institute in Veterinary Epidemiology in the country, scientific handshake between SAARC Agriculture Centre (SAC) and our institute was evident during this period by organizing capacity building programme on 'Animal Disease Informatics and Biostatistics' in which knowledge was disseminated to trainees representing five SAARC countries (Bangladesh, Bhutan, India, Nepal and Sri Lanka). ICAR-NIVEDI has developed livestock Disease Forewarning Mobile Application (LDF-Mobile App) in Hindi for the benefit of different stakeholders across the country. In order to nurture the research outputs of Institute projects, Research Advisory Council (RAC) and Institute Research Committee (IRC) meetings were conducted in which the progress of the Institute projects were reviewed and necessary suggestions were recommended by expert members. The interactions between farmers and scientists of ICAR-NIVEDI was strengthened by executing various extension activities including Krishi Unnati Mela, Farmers Enclave etc., and also by live telecast of speech given by Hon'ble Prime Minister of India Shri Narendra Modi Ji, on different occasions. The Swacchh Bharat Abhiyan activities were also carried out by ICAR-NIVEDI in which cleanliness drive was organized with the involvement of villagers. In order to uplift the status of tribal population, ICAR-NIVEDI has undertaken various activities including distribution of sheep to the farmers, imparting knowledge and skill on scientific rearing of livestock and poultry to the farmers under Tribal Sub Plan (TSP) programme.

Inauguration Ceremony



Hon'ble Dr. Trilochan Mohapatra, Secretary, DARE & Director General, ICAR, Dr. J. Jena, DDG (Animal Science) inaugurated the "Laboratory block and Training cum Farmers Hostel" on 30th June, 2018. The other guests present were Dr. R.N.S. Gowda, Former Vice Chancellor, KVAFSU, Dr. Ashok Kumar, ADG (AH), ICAR and Dr. Aniket Sanyal, Joint Director, IVRI. The Secretary DARE & DG, ICAR and DDG (AS) had interaction with the Scientists of ICAR-NIVEDI and appreciated their research efforts. The guests released the publications 'ICAR-NIVEDI at a glance' and 'Sample frame and Planning for pig serum sample collection under AICRP on ADMAS' on this occasion.

Research Achievements



ICAR-NIVEDI, has developed Livestock Disease Forewarning (LDF) Mobile Application (app) "LDF-Mobile App" in Hindi and was released by Hon'ble Dr. Trilochan Mohapatra, Secretary, DARE & Director General, ICAR on 30th June, 2018. The database, which is the backbone of National Animal Disease Referral Expert System (NADRES), is used for providing monthly livestock disease forewarning, which is compiled in the form of a monthly bulletin to alert the animal husbandry departments, both at the National/State level, to take appropriate control measures at the district level. The forewarning methodology adopted in the "mobile App" remains the same as monthly bulletin; briefly, a multivariate logistic regression model is implemented in this App to predict the probability of disease risk in relation to prevailing weather parameters, other remotely sensed variables and livestock population/density at the district level.

Scientific Activities



Dr. Joykrushna Jena, DDG (AS), ICAR, New Delhi was the Chief Guest in the valedictory function of SAARC sponsored training programme on 'Animal Disease Informatics and Biostatistics' organized at ICAR-NIVEDI on 8th May, 2018. He also reviewed the progress of Centers for Disease Control and Prevention (CDC) sponsored Research Projects implemented at ICAR-NIVEDI.



Shri Chhabilendra Roul, Special Secretary, DARE & Secretary, ICAR, New Delhi visited ICAR-NIVEDI and reviewed the progress of the Institute activities on 20th April, 2018.



Shri Upamanyu Basu, Joint Secretary (Livestock Health), DADE, New Delhi visited ICAR-NIVEDI and discussed about the Institute research activities on 8th June, 2018.



ICAR-NIVEDI organized the Annual review meeting of the National Surveillance Programme on Aquatic Animal Diseases (NSPAAD) on 1st February, 2018



Dr. Howard Batho, Belgium, Dr. Susanne Mustermann, Germany, OIE team along with Dr. Suresh Honnappagol, Animal Husbandry Commissioner, DADF and Dr. T. Manjunatha, Director, Dept. AH&VS visited ICAR-NIVEDI on 5th March, 2018.



10th Research Advisory Council (RAC) meeting of ICAR-NIVEDI held on 12th March, 2018 under the Chairmanship of Dr. K.M. Bujarbaruah, Vice Chancellor, AAU and reviewed the progress of Institute research activities and provided the suggestions and guidance for improvement. The other members present were Dr. Ashok Kumar, ADG(AH), ICAR, Dr. Devendra Swarup, Former Director, CIRG, Dr. J.R. Rao, Former Head, Division of Parasitology, IVRI, Dr. Minakshi Prasad, Prof & Head, LUVAS, Dr. Parimal Roy, Director and Dr. D. Hemadri, Principal Scientist and Member Secretary.



ICAR-NIVEDI organized the SAARC Agriculture Centre (SAC) sponsored training programme on 'Animal Disease Informatics and Biostatistics' during 3-8th May, 2018. The participants from five countries namely, Bangladesh, Bhutan, India, Nepal and Sri Lanka attended the programme.



ICAR-NIVEDI organized the live telecasting of Hon'ble Prime Minister of India Shri Narendra Modi Ji interaction with farmers on 20th June, 2018.



12th Institute Research Committee (IRC) meeting of ICAR-NIVEDI was held on 10th May, 2018 under the chairmanship of Dr. Parimal Roy, Director, ICAR-NIVEDI. The external experts present were Prof. Raghavan, Former Head, Dept. of Microbiology, Veterinary College and Prof. N. Girish, Epidemiology Dept, NIMHANS.



ICAR-NIVEDI conducted Trilingual Committee Meeting and discussed on the use of Kannada language in addition to Hindi and English in various forums, name plates, banners, etc., on 16th January, 2018.



Dr. Kayla Laserson, Country Director, CDC, India visited ICAR-NIVEDI and discussed the progress of CDC-NIVEDI project on 26th June, 2018.



Institute Technology Management Committee (ITMC) meetings were conducted on 20th January and 20th March, 2018. The meetings were attended by Dr. Parimal Roy, and Patent Evaluation Committee members Dr. B.R. Shome, Dr. P.P. Sengupta, Dr. V. Balamurugan, Dr. S.B. Shivachandra, including external members Dr. B.P. Srinivasa, ICAR-IVRI and Mr. Thippeswamy, ICAR-IIHR, Bengaluru.

Important Events



ICAR-NIVEDI organized live telecasting of the speech of Hon'ble Prime Minister of India Shri Narendra Modi Ji at Krishi Unnati Mela, New Delhi for the benefit of farmers on 17th March, 2018.



The 69th Republic day was celebrated at ICAR-NIVEDI on 26th January, 2018 and Dr. Parimal Roy, Director addressed the staff members on this occasion.



ICAR-NIVEDI organized various events for the staff members on the occasion of National Productivity Week conducted during 12-18th February, 2018.



Dr. Parimal Roy, Director, Dr. M.M. Chanda, Dr. J. Hiremath, Dr. G.B.M. Reddy, Scientists and Shri Hanumantharaju, SSS, ICAR-NIVEDI participated in the Farmers Enclave organized at ICAR-NIANP, Bengaluru during 16-17th February, 2018 and exhibited Institute research activities.



ICAR-NIVEDI celebrated the International Women's Day and the guests present were Dr. Padmakshi, Dr. Jimlee Sarmah, Quarantine Officer, Kempegowda International Airport and Dr. H.P. Janaki, Chief Veterinary Officer, Hassan.



Dr. R. Sridevi and Dr. M. Nagalingam, Scientists, ICAR-NIVEDI participated in the Krishi Unnati Mela held at Indian Agricultural Research Institute, New Delhi during 16-18th March, 2018.



13th Institute Joint Staff Council meeting of ICAR-NIVEDI was held on 26th June, 2018 under the Chairmanship of Dr. Parimal Roy, Director, ICAR-NIVEDI.



ICAR-NIVEDI conducted 11th Institutional Animal Ethics Committee (IAEC) meeting on 20th June, 2018 under the Chairmanship of Dr. Parimal Roy, Director. Dr. R.K. Shakthi Devan, CPCSEA Main Nominee, Dr. Shiva Kumar, Scientist from outside the Institute and Dr. R.G. Prakash, Socially aware Nominee and other members from ICAR-NIVEDI attended the meeting.



ICAR-NIVEDI celebrated the International Yoga day by organizing Yoga session by Dr. Rashmi, Institute of Ayurveda and Integrative Medicine (I-IAM), Bengaluru to staff members on 21st June, 2018.

Swacchh Bharat Abhiyan





ICAR-NIVEDI organized the campus cleaning activities as a part of Swacchh Bharat Abhiyan programme regularly during the period. Dr. P. Krishnamoorthy, Scientist organized awareness programme and campus cleaning at Government Primary School, Kodipalya, Bengaluru Rural district on 14th June, 2018.

Mera Gaon, Mera Gaurav Programme



Dr. P. Krishnamoorthy, Scientist conducted awareness programme on 'Hand hygiene and Swacchh Bharat programme' and distributed Soap and sanitizers to school children, Govt. Primary School, Kodipalya, Bengaluru rural district on 14th June, 2018.

Livestock Disease Investigations/Field visits



Dr. S.S. Patil, Principal Scientist attended the suspected MCF case in Medahalli, Anekal Taluk, Bengaluru district on 6th January, 2018.

Tribal Sub Plan Programme



Dr. P. Krishnamoorthy, Scientist and Dr. Yogisharadhya, STO visited Dodderi, Challakere, Chitradurga district, Karnataka and collected data of tribal beneficiaries for implementation of Tribal Sub Plan Programme on 23rd February, 2018.



Dr. Rajeswari Shome, Principal Scientist organized Hands on training on bacterial disease diagnosis at field unit of ADMaC project, Golaghat, Assam on 21st April, 2018.



Dr. G. Govindaraj, Senior Scientist, Dr. P. Krishnamoorthy, Scientist, Dr. Yogishardhaya, STO, Shri V. Raghuraman, Administrative Officer, Shri R.K. Babu, AF&AO distributed Sheep to tribal farmers under the Tribal Sub Plan (TSP) programme at Dodderi, Challakere, Chitradurga on 17th March, 2018.



Dr. S. B. Shivachandra, Principal Scientist and Dr. M.M. Chanda, Scientist investigated the sudden death of cattle in a dairy farm at Richihalli, Channarayapatana Taluk, Hassan on 28th April, 2018.



Dr. J. Hiremath, Scientist from ICAR-NIVEDI visited Kolesib District, Mizoram and created awareness regarding Porcine Reproductive and Respiratory Syndrome among the pig farmers on 17th May, 2018.



Dr. Rajeswari Shome, Principal Scientist and Dr. P. Krishnamoorthy, Scientist visited the dairy farms in 8th Mile, Guwahati and demonstrated the California mastitis test to farmers under CDC project on 8th June, 2018.



ICAR-NIVEDI Scientists and staff under CDC project on mastitis participated in the CDC Project implementation meeting with Officials of Bangalore Milk Union Limited (BAMUL) at BAMUL office, Rajanukunte on 13th June, 2018.



Dr. S.S. Patil, Principal Scientist and Dr. J. Hiremath, Scientist participated in Krishi Kalyan Abhiyan programme and addressed farmers about various livestock diseases and their control measures held at Gonhal and Kalmala villages in Raichur district, Karnataka during 13-14th June, 2018.

Human Resource Development



Dr. Rajeswari Shome, Principal Scientist and Dr. M. Nagalingam, Scientist conducted sensitization training program on brucellosis under B-CP at Dept. of Animal Husbandry, Aizwal, Mizoram on 27th February, 2018 and at Animal Husbandry Department, Gwalior, Madhya Pradesh on 13th February, 2018, respectively.



ICAR-NIVEDI organized Master Trainers training programme on "Field Veterinary Epidemiology" for two batches of field veterinarians from Dept. of AH&VS, Govt. of Karnataka during 20-24th February, 2018 and 26th February-2nd March, 2018.



ICAR-NIVEDI organized Orientation cum Technical seminar on 'Anthrax surveillance' for Veterinary and Medical professionals from Koraput and Rayagada districts, Odisha at Dandakaranya Atithi Bhavan, Koraput, Odisha on 22nd February, 2018.

Awards and Recognition

1. a) Balamurugan, V., et al., received best oral presentation award for the presented paper entitled 'Expression of recombinant OMP 37 protein of *Leptospira* in *E. coli* and assessing its potential use as diagnostic antigen for bovine leptospirosis.' b) Suresh, K.P., et al., received best poster award for the abstract entitled 'Meta-analysis on prevalence of extended spectrum beta lactamase (ESBL) producing pathogens in animals' in National symposium on 'Innovations in Animal Health - Current Challenges and Future Prospects and XXXI annual convention of IAVMI-2018' held at Veterinary College, SVVU, Tirupati during 29-31st January, 2018.

Participation in Meetings/Seminars/Symposia/Training

1. Dr Yogisharadhya R, STO attended National training on 'Host-Pathogen Interaction' held at College of Veterinary Science, Nagpur during 9-13th January, 2018.
2. Dr. Rajeswari Shome, Dr. D. Hemadri, Dr. V. Balamurugan, Dr. S.B. Shivachandra, Dr. R. Sridevi and Dr. G. B. Manjunatha Reddy, Scientists attended National symposium on 'Innovations in Animal Health - Current Challenges and Future Prospects and XXXI annual convention of IAVMI-2018' held at Veterinary College, SVVU, Tirupati during 29-31st January 2018.
3. Dr. P. P. Sengupta and Dr. P. Krishnamoorthy, Scientists attended National Congress of Veterinary Parasitology 2018 and XXVII National symposium on 'Technologies for sustainable parasite control and redressal of detection methods directed for upliftment of rural economy' held at College of Veterinary and Animal Science, Udaipur, Rajasthan during 12-14th February, 2018.
4. Dr. Rajeswari Shome, Principal Scientist and Dr. M. Nagalingam, Scientist attended 18th Indian Veterinary Congress & XXV Annual Conference of IAAVR & National Symposium held at Sri Venkateshwara Veterinary University, Tirupati during 23-24th February, 2018.
5. Dr. Siju Susan Jacob, Scientist attended National Workshop on 'Revisiting Foundation Course for Agricultural Research Service (FOCARS) Reflection and feedback of trained scientists' held at ICAR- NAARM, Hyderabad during 15-16th March, 2018.
6. Sh. V. Raghuraman, Administrative Officer attended training on 'Management Development Programme on Advance Public Procurement' held at National Institute of Financial Management, Faridabad on 5th March, 2018.
7. Dr. Rajeswari Shome, Principal Scientist attended Conference on 'Technological Empowerment of Women' held at Vignyan Bhavan, New Delhi on 8th March, 2018.
8. Dr. K. P. Suresh and Dr. G. B. Manjunatha Reddy, Scientists attended the 3rd International Symposium on 'Aquaculture and Fisheries Education' held at ICAR-CIFE, Mumbai during 16-18th May, 2018.
9. Dr. P. Krishnamoorthy, Scientist participated in the training course on 'Geospatial technologies for Climate studies' held at National Remote Sensing Centre, Hyderabad during 29-31st May, 2018.
10. Ms. Saranya, A., Stenographer attended training programme on 'Enhancing Efficiency and Behavioral Skills' held at ICAR-NAARM, Hyderabad during 21-26th June, 2018.
11. Dr K.P. Suresh and Dr. S.S. Patil, Principal Scientists attended training on 'Next Generation Genomic Technologies (Next Generation Sequencing and Bioinformatics)' held at Institute of Trans-disciplinary Health Sciences and Technology, Bengaluru during 25-30th June, 2018.

Trainings/Workshops organized

1. Sensitization training programme on Control of brucellosis sponsored by State Animal Husbandry Dept. was organized at Gwalior, Madhya Pradesh on 13th February, 2018.
2. Workshop on Orientation cum Technical seminar on 'Anthrax surveillance' for Veterinary and Medical professionals was organized at Koraput, Odisha on 22nd February, 2018.
3. Master Trainers Training Programme on 'Field Veterinary Epidemiology' sponsored by Animal Husbandry Department, Karnataka under ASCAD scheme was organized at ICAR-NIVEDI during 20-24th February, 2018.
4. DADF sponsored one day brucellosis training programme under Brucellosis Control Program (B-CP) was organized at AH & VS Department, Govt. of Mizoram on 27th February, 2018.
5. Master Trainers Training Programme on 'Field Veterinary Epidemiology' sponsored by Animal Husbandry Department, Karnataka under ASCAD scheme was organized at ICAR-NIVEDI during 26th February-2nd March, 2018.
6. Sensitization training programme on control of brucellosis sponsored by State Animal Husbandry Dept. was organized at Thiruvananthapuram, Kerala on 6th March, 2018.
7. Training programme on 'Meta-analysis and Mapping, using R software' was organized at Assam Agricultural University, Guwahati during 7-10th March, 2018.
8. ADMaC sponsored 'Hands on training on bacterial disease diagnosis' was organized at Peripheral laboratory unit of ADMaC project, AAU, Golaghat, Assam on 21st April, 2018.
9. SAARC Regional Training Programme on 'Animal Disease Informatics and Biostatistics' was organized at ICAR-NIVEDI under the aegis of SAARC Agriculture Centre (SAC) from 3-8th May, 2018.
10. Orientation cum Technical seminar on 'Anthrax surveillance' for Veterinary and Medical professionals from Odisha (Sundergarh and Deogarh districts) and Jharkhand (Simdega district) states was organized on 6th June, 2018 at Pragati Mantap, Sundergarh, Odisha.

Joining/Promotion/Transfer

1. Sh. Babu R. K, Assistant Finance and Accounts Officer transferred with promotion as Finance and Accounts Officer to ICAR-CIBA, Chennai and relieved from this institute on 22nd May, 2018.
2. Sh. A. Vijaya Kumar, Junior Accounts Officer transferred with promotion from ICAR-IIRR, Hyderabad and joined in ICAR-NIVEDI as Assistant Finance and Accounts Officer on 28th June, 2018.
15. Dr. Sonam Pelden, Veterinary Officer, Department of Livestock, Bhutan
16. Dr. Rajib Das, Veterinary Surgeon, Department of Livestock Services, Bangladesh
17. Dr. Sulav Shrestha, Department of Livestock Services, Nepal
18. Dr. Sonam Chopel, Senior Veterinary Officer, Department of Livestock, Bhutan
19. Dr. Suraj Subedi, Department of Livestock Services, Nepal

Distinguished visitors

1. Dr. Trilochan Mohapatra, Secretary DARE & Director General, ICAR, New Delhi
2. Dr. J. Jena, DDG (Animal Sciences), ICAR, New Delhi
3. Sh. Chhabilendra Roul, Special Secretary (DARE) and Secretary (ICAR), New Delhi
4. Dr. Suresh Honnappagol, Animal Husbandry Commissioner, DADE, New Delhi
5. Dr. K.M. Bujarbaruah, Vice Chancellor, Assam Agricultural University, Jorhat
6. Shri. Upamanyu Basu, Joint Secretary (Livestock Health), DADE, New Delhi
7. Dr. Ashok Kumar, ADG (AH), ICAR, New Delhi
8. Dr. Md. Nure Alam Siddikky, Senior Program Officer, SAARC Agriculture centre, Bangladesh
9. Dr. Kayla Laserson, Country Director, CDC India
10. Dr. Howard Batho, One Health Expert, Belgium, OIE
11. Dr. Susanne Mustermann, Consultant, Deutschland, OIE
12. Dr. M.D.N. Jayaweera, Director (Animal Health), Sri Lanka
13. Dr. Md. Rezaul Karim, Scientific Officer, BLRI, Dhaka, Bangladesh
14. Dr. Monsur Ahmed, Veterinary Surgeon, Dhaka, Bangladesh
20. Dr. Muhammad Riazul Islam, Assistant Director, RDA, Bangladesh
21. Dr. L.W.B. Epakanda, Veterinary Surgeon, Sri Lanka
22. Dr. M.T.Manjunath, Director, Dept. of AH&VS, Karnataka
23. Dr. M. Rajashekara, Founder Director, ICAR-NIVEDI (Formerly PD-ADMAS)
24. Dr. Mohan Papanna, Public Health Specialist, CDC India
25. Dr. P. S. S. Sundar Rao, Consultant Research Director, LEPRA India
26. Dr. T.S. Manju, Additional Director (Livestock Health), Dept. of AH&VS, Karnataka
27. Dr. M.D. Venkatesh, Joint Director, SRDDL, IAH&VB, Bengaluru
28. Dr. Aniket Sanyal, Joint Director, ICAR-IVRI, Bengaluru
29. Dr. V.K. Gupta, Joint Director, CADRAD, Bareilly
30. Dr. K.V. Halagappa, Joint Director (Epidemiology), Dept. of AH&VS, Karnataka
31. Dr. N.S. Balachandra, Deputy Director (ADSS), Dept. of AH&VS, Karnataka
32. Dr. Devendra Swarup, Former Director, CIRG, Makhdoom
33. Dr. J.R. Rao, Former Head, Division of Parasitology, IVRI, Izatnagar
34. Dr. Minakshi Prasad, Professor & Head, LUVAS, Hisar, Haryana

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