



Vol. 8, No. 2

July - December, 2018

Scientific Activities



Director's Desk

Greetings to all!

I am happy to inform that ICAR-NIVEDI received appreciation letter from Secretary, DARE and Director General, ICAR for

updating the publications for past five years in KRISHI portal and also graded as excellent Institute for the implementation of annual training plan by HRD cell during this period. As a leading research institute in Veterinary Epidemiology in the country, scientific handshake between International Livestock Research Institute (ILRI), Nairobi, Kenya and ICAR-NIVEDI was evident by organizing ILRI sponsored training program on 'Introduction to Analytical Veterinary Epidemiology' in collaboration with ICAR-IVRI during 3-5th December, 2018. As the central coordinating unit of AICRP on ADMAS, ICAR-NIVEDI hosted 26th Annual review meeting during 16-17th November, 2018 in which Principal investigators and Co-principal Investigators, AICRP on ADMAS actively participated. Vigilance awareness week was celebrated during 29th October to 3rd November, 2018 with the focus theme of 'Eradicate corruption-To build a new India' in which awareness has been created among the institute staff about the need for exterminating corruption from the country. As part of Swachhata Hi Seva from 15th September to 2nd October 2018, ICAR-NIVEDI organized a grand celebration on the occasion of 150th birth anniversary of Mahatma Gandhi on 2nd October 2018 in which awareness has been created among the villagers about Swachhata programme by arranging rally with the involvement of villagers and school children. A remarkable event organized during this period was communal harmony week during 19-25th November, 2018 in which the message of 'WE ALL ARE ONE' was spread among all the NIVEDIANS. The institute also celebrated Hindi Saptah and Kannada Rajyotsava in which all the ICAR-NIVEDI staff members actively participated. Swachhata pakhwada was celebrated from 16-31st December 2018 and the Institute also organized Kisan Diwas in which progressive farmers were felicitated.



ICAR-NIVEDI organized one day workshop on Livestock Disease Forewarning (LDF) Mobile Application (*app*) on 19th July, 2018 for the Principal Investigators and Co-Principal Investigators of AICRP on Animal Disease Monitoring and Surveillance (ADMAS) project.



Dr. K.P. Suresh and Dr. S.S. Patil, Principal Scientists participated in DBT-NER-ADMaC 3rd Annual Review Meeting and Hon'ble K.M. Bujarbaruah, Vice Chancellor, Assam Agricultural University, Dr. Lal Krishna, Former ADG(AH), ICAR released the Livestock Disease Forewarning - Mobile Application for North East region and CD containing database of Indian Classical swine fever virus sequences held at ICAR Research Complex for NE Hill region, Barapani on 13th July, 2018.



Hon'ble Dr. Trilochan Mohapatra, Secretary, DARE & DG, ICAR released the manual on 'Climate data generation, mapping and climate-disease relation modelling using R' prepared by Dr. K.P. Suresh, Dr. P. Krishnamoorthy and Dr. Siju, S.J., on the occasion of 6th Annual Review meeting of National Innovations in Climate Resilient Agriculture (NICRA) project held during 7-8th August, 2018.



Dr. P.P. Sengupta, Dr. S.S. Patil and Dr. J. Hiremath, Scientists of ICAR-NIVEDI participated in the Annual Review meet of ICAR-Consortium Research Platform on Vaccine and Diagnostics held at ICAR-CIBA, Chennai during 30-31st October, 2018.



26th Annual review meeting of AICRP on Animal Disease Monitoring and Surveillance was organized by ICAR NIVEDI at Bengaluru during 16-17th November, 2018. Hon'ble Dr. Joykrushna Jena, DDG(AS&FS), ICAR inaugurated the programme and Dr. Ashok Kumar, ADG (AH), ICAR and Dr. S.M. Byregowda, Director, IAH&VB participated in the meeting.



Dr. Kayla Laserson, Country Director, CDC, India visited ICAR-NIVEDI and reviewed the progress of CDC-Mastitis project on 29th November, 2018.



International Livestock Research Institute (ILRI) sponsored training programme on 'Introduction to Analytical Veterinary Epidemiology' was held during 3-5th December, 2018. The programme was inaugurated by Dr. R.N.S. Gowda, Former Vice Chancellor, KVAFSU, Dr.H. Rahman, Regional representative for South Asia, ILRI, Dr. R.K. Singh, Director, ICAR-IVRI, Dr. M. Rajasekhar, Founder Director, PD_ADMAS, Dr. T.

Shivarama Bhat, Director, Dept. of AH&VS, Karnataka and Dr. B. R. Shome, Director (Acting), ICAR-NIVEDI.



ICAR NIVEDI received appreciation certificate from Hon'ble Dr. Trilochan Mohapatra, Secretary, DARE & DG, ICAR for uploading the five years publications in the KRISHI portal on the occasion of Third workshop of Officer Incharge, Data Management held at NASC complex, New Delhi on 4th December, 2018.



ICAR-NIVEDI conducted 13th Institutional Animal Ethics Committee (IAEC) meeting on 20th December, 2018 under the Chairmanship of Dr. B.R. Shome, Director (Acting). 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.

Important Events



Mrs. Beena Biju, IRCLASS conducted the Surveillance audit for ISO 9001:2015 Quality Management System of ICAR-NIVEDI on 7th July, 2018.



The 72nd Independence Day was celebrated at ICAR-NIVEDI on 15th August, 2018 and Dr. Parimal Roy, Director addressed the staff members on this occasion.



The Director, ICAR-NIVEDI administered the Sadbhavana Diwas pledge to staff members on 20th August, 2018.



Dr. Rajeswari Shome and Dr. S.S. Patil, Principal Scientists, Dr. Yogisharadhaya, STO organized Rashtriya Mahila Kisan Diwas at Milk procurement cooperative society, Kakkehalli, Bangalore North on 15th October, 2018.



ICAR-NIVEDI participated in the ICAR South zone sports tournament held at ICAR Central Tobacco Research Institute, Kakinada, Andhra Pradesh during 5-9th September, 2018.



Vigilance Awareness week was celebrated at ICAR-NIVEDI during 29th October-3rd November, 2018 and conducted various events on this occasion for the staff members.



ICAR-NIVEDI celebrated the Hindi week with various competitions for the staff members held during 14-20th September, 2018.



ICAR-NIVEDI celebrated 63rd Karnataka Rajyotsava with various competitions for the staff members on 1st November, 2018.



14th Institute Joint Staff Council meeting was held on 5th October, 2018 under the Chairmanship of Dr. B.R. Shome, Director (Acting), ICAR-NIVEDI.





ICAR-NIVEDI organized World Antibiotic awareness week during 12-18th November, 2018 and created awareness on safe use of antibiotics among staff members and school children.



ICAR-NIVEDI celebrated the Communal harmony week with various activities during 19-25th November, 2018.



ICAR-NIVEDI organized the Kisan Diwas and provided inputs for better management of livestock health and also felicitated forty three progressive farmers on the occasion.



XVII Institute Management Committee (IMC) meeting of ICAR-NIVEDI was conducted on 29th December, 2018.

Swachh Bharat Abhiyan



As a part of Swachh Bharat Abhiyan programme, Swachhata Hi Seva was organized during 15th September-2nd October 2018 and Swachhata pledge was administered by Director, ICAR-NIVEDI. Also various cleaning activities of the Institute premises were undertaken. On 2nd October 2018 to commemorate 150th Birth anniversary of Mahatma Gandhi a grand rally was organized at Mavalipura village, Bengaluru Rural district and created awareness to school children and farmers. Similarly Swachhata Pakhwada was organized from 16-31st December, 2018.

Mera Gaon, Mera Gaurav Programme



Dr. P.P. Sengupta, Dr. S.S. Patil and Dr. J. Hiremath, Scientists visited Government Primary School, Marasandra,

Doddaballapur taluk under Mera Gaon Mera Gaurav programme and distributed pamphlets on hygienic milking of cows and importance of boiling the milk on 8th August, 2018.



Dr. D. Hemadri, Principal Scientist and Dr. M. Nagalingam, Scientist visited Government school in Gatiganahalli village, Bengaluru Rural district and imparted awareness on personal cleanliness such as brushing, bathing, hand washing, proper washing of clothes, good toilet habit and hygiene under Mera Gaon Mera Gaurav programme on 19th December 2018.



Livestock Disease Investigations/Field visits



Dr. V. Balamurugan, Dr. M. Nagalingam and Dr. G.B.M. Reddy, Scientists attended PPR outbreak in Yeldur village, Kolar district on 3rd July, 2018.

Dr. S.S. Patil, Principal Scientist, Dr. J. Hiremath, Senior Scientist, Dr. P. Krishnamoorthy, Senior Scientist and Dr. M. Nagalingam, Scientist participated in the Technology Implementation in adopted villages of Farmers First Programme for Doubling the Farmers Income held at Naganahalli, Bengaluru district and Yeramegere village, Ramanagara district on 15-16th October, 2018.



CDC project scientists and project staff had discussion with farmers on the KAP survey and milk sample collection at Jalige village, Bengaluru rural district on 29th September, 2018.



Dr. P. Krishnamoorthy, Senior Scientist and CDC project staff collected data and milk samples for CDC mastitis project work at Kodigehalli, Bengaluru rural district on 2nd November, 2018.



Dr. S. B. Shivachandra, Dr. M.M. Chanda, Dr. R. Yogisharadha and Dr. A. Prajapati investigated sudden death of Sheep in a Sheep farm at Gangasandra village, Doddaballapura Taluk, Bengaluru Rural District on 6th October, 2018.



Dr. S.S. Patil, Principal Scientist participated as an Expert Member of a team for epidemiological investigation of FMD outbreaks in Hassan District, Karnataka on 17th November, 2018.

Human Resource Development



ICAR-NIVEDI in collaboration with CDC-India organized training programme on 'Anthrax Outbreak Investigation: One Health Approach' for state Veterinary and Medical officers at Bhubaneswar, Odisha during 25-27th July, 2018.



ICAR-NIVEDI organized orientation cum technical seminar on 'Anthrax Surveillance' for Veterinary and Medical professionals from Simdega, Gumla, Lohardaga, Chatra, and Dhanbad districts of Jharkhand under One health approach held at IPH Conference Hall, Ranchi, Jharkhand on 11th September, 2018.



ICAR-NIVEDI in collaboration with CDC-India organized training programme on 'Field diagnosis and Outbreak Investigation of Anthrax: One Health Approach' for state Veterinary and Medical officers held during 17-20th September, 2018.



Dr. B.R. Shome and Dr. Rajeswari Shome, Principal Scientists attended ICAR-ILRI collaborative workshop held at International Livestock Research Institute, Nairobi, Kenya during 30th June-8th July, 2018.



Dr. P. Krishnamoorthy, Senior Scientist attended the training programme on 'Antimicrobial susceptibility testing and WHONET training for AMR surveillance for Veterinarians' held at ICAR-IVRI, Bareilly during 23-25th July, 2018.



Dr. Sathish, B.S., Principal Scientist participated in the training programme on 'Intellectual property valuation and technology management' held at ICAR National Academy of Agricultural Research Management, Hyderabad during 24-29th August, 2018.



Dr. M. Nagalingam and Dr. Siju Susan Jacob, Scientists attended training programme on 'Bioinformatics tools and techniques for genomic data analysis' held at ICAR-IASRI, New Delhi during 11-15th September, 2018.



Dr. P. Krishnamoorthy, Senior Scientist participated in the training programme on 'Advances in web and mobile application development' held at ICAR National Academy of Agricultural Research Management, Hyderabad during 5-10th October, 2018.

Awards and Recognition



Dr. P.P. Sengupta, Principal Scientist received Fellow award given by National Academy of Veterinary Sciences on the occasion of 17th National Convocation at Odisha University of Agriculture and Technology, Bhubaneswar, Odisha on 19th December, 2018.

- Dr. G. B. Manjunatha Reddy, Scientist received second best oral presentation award in 27th International Conference of Virology: INTER VIROCON-2018th held at PGIMER, Chandigarh during 12-14th November, 2018.

New projects sanctioned

1. Indo-UK project on 'Does antimicrobial resistance (AMR) in livestock contribute to AMR in people in NE India? An interdisciplinary study investigating antibiotic use, drivers of AMR, and transmission dynamics (PI: Dr. B. R. Shome, Principal Scientist)
2. DADF- Grant-in-Aid project on 'Surveillance, monitoring and vaccination impact of PPR in sheep and goats in India' (PI: Dr. V. Balamurugan, Principal Scientist)
3. DBT/NER project on 'Molecular platform for epidemiology, disease mapping and development of diagnostics for economically important diseases of duck (PI: Dr. S.S. Patil, Principal Scientist)
4. DST-SERB Extramural Project on 'Immuno-epidemiological characterization of pigs as an amplifying host of Japanese Encephalitis (PI: Dr. J. Hiremath, Senior Scientist)

Participation in Meetings/Seminars/Symposia/Training

1. Dr. G. B. Manjunatha Reddy, Scientist attended 20th National Conference of APCRI: APCRICON-2018 held at The Lalit, New Delhi during 7- 8th July, 2018.
2. Dr. P.P. Sengupta, Principal Scientist attended workshop on 'Advanced epidemiology' at National Institute of Mental Health and Neuro Sciences, Bengaluru held during 9-13th July, 2018.
3. Dr. V. Balamurugan, Principal Scientist participated in the PPR workshop on 'PPR control-Moving towards eradications' held at Madras Veterinary College, TANUVAS, Chennai on 12th July, 2018.
4. Dr. P. Krishnamoorthy, Senior Scientist participated in the training programme on 'Antimicrobial susceptibility

testing and WHONET training for AMR surveillance for Veterinarians' held at ICAR-IVRI, Bareilly during 23-25th July, 2018.

5. Dr. G. Govindaraj, Senior Scientist participated and presented a paper titled 'Impact of PPR control programme implementation: A case of Chhattisgarh state' in the ICAE triennial conference held at Vancouver, Canada during 28th July-2nd August, 2018.
6. Dr. K.P. Suresh, Principal Scientist and Dr. P. Krishnamoorthy, Senior Scientist participated in the 6th Annual review meeting of NICRA project held at NASC complex, New Delhi during 7-8th August, 2018
7. Dr. S. B. Shivachandra, Principal Scientist attended National Training Programme on 'Intellectual Property Valuation and Technology Management' held at ICAR-National Academy of Agricultural Research Management (NAARM), Hyderabad during 24-29th August, 2018.
8. Dr. M. Nagalingam and Dr. Siju Susan Jacob, Scientists attended training program on 'Bioinformatics tools and techniques for genomic data analysis' held at ICAR-IASRI, New Delhi during 11-15th September, 2018.
9. Dr. R. Sridevi, Scientist attended training programme on 'Advanced Bioinformatics tools and its applications in Agriculture' held at ICAR-NAARM, Hyderabad during 25-29th September, 2018.
10. Dr. P. Krishnamoorthy, Senior Scientist attended training programme on 'Advances on web and mobile application development' held at ICAR-NAARM, Hyderabad during 5-10th October, 2018.
11. Dr. Siju Susan Jacob, Scientist attended National Seminar on 'Elsevier empowering Agriculture research in India in association with CeRA' held at Kerala Agricultural University, Thrissur, Kerala on 8th October, 2018.
12. Dr. P. Krishnamoorthy, Senior Scientist participated in One day J-GATE@CeRA Regional ambassador training programme for Southern region held at Professor Jayashankar Telangana state Agricultural University, Hyderabad on 11th October, 2018.
13. Dr. S. B. Shivachandra, Principal Scientist, attended 'Agri-start up and Entrepreneurship Conclave (UPAYA)' held at NASC, ICAR, New Delhi during 16-17th October, 2018.
14. Dr. P. Krishnamoorthy, Senior Scientist participated in the Veterinary Pathology congress 2018 held at College of Veterinary Science and Animal Husbandry, SDAU, Sardarkrushinagar, Gujarat during 22-24th October, 2018.
15. Dr. V. Balamurugan, Principal Scientist and Dr. G. B. Manjunatha Reddy, Scientist attended '27th International Conference of Virology: INTER VIROCON-2018' held at PGIMER, Chandigarh during 12-14th November, 2018.
16. Dr. R. Sridevi and Dr. G. B. Manjunatha Reddy, Scientists attended training programme on 'Introduction to Analytical Veterinary Epidemiology' held at ICAR-NIVEDI, Bengaluru during 3-5th December, 2018.
17. Dr. P. Krishnamoorthy, Senior Scientist participated in the National Workshop for Officer Incharge, Data Management held at NASC complex, New Delhi during 4-5th December, 2018.

18. Dr. P.P. Sengupta, Principal Scientist, delivered a lead paper on 'Recent advances in diagnosis of surra in animals' National Seminar on 'Livestock Sector towards One Health, Food Security and Safety' held at the College of Veterinary Science and Animal Husbandry, Odisha University of Agriculture and Technology, Bhubaneswar, Odisha, during 10-20th December, 2018.
19. Dr. G. Govindaraj, Senior Scientist attended Management Development Programme on PME training organized by NAARM, Hyderabad during 17-22nd December, 2018.
20. Dr. V. Balamurugan, Principal Scientist participated in Annual review meeting of ICAR Network project on OPZD held at Mumbai Veterinary College, MAFSU during 21-22nd December, 2018.

Trainings/Workshops organized

1. One day workshop on 'Livestock Disease Forewarning-Mobile Application' was organized at ICAR-NIVEDI on 19th July, 2018.
2. Training programme on 'Anthrax Outbreak Investigation: One Health approach' was organized at ADRI, Bhubaneswar, Odisha, during 25-27th July, 2018.
3. One day orientation cum technical seminar on 'Anthrax surveillance for veterinary and medical professionals' under One health approach was organized at IPH Conference Hall, Ranchi, Jharkhand on 11th September, 2018.
4. Training programme on 'Field diagnosis and outbreak investigation of Anthrax: one health approach' was organized at ICAR-NIVEDI, Bengaluru, Karnataka during 17-20th September, 2018.
5. Training programme on 'Molecular Techniques and Bioinformatics' was organized at ICAR-NIVEDI, Bengaluru, Karnataka during 9-11th October, 2018
6. Training programme on 'Introduction to Analytical Veterinary Epidemiology' jointly organized by ICAR-NIVEDI-IVRI and ILRI was held at ICAR-NIVEDI, Bengaluru during 3-5th December, 2018.

Distinguished visitors

1. Dr. Joykrushna Jena, DDG (Fisheries Science & Animal Science), ICAR, New Delhi
2. Dr. H. Rahman, Regional Representative for South Asia, ILRI
3. Dr. Suresh Honnappagol, Animal Husbandry Commissioner, DAHD
4. Dr. Johanna Lindahl, Veterinary Epidemiologist, ILRI
5. Dr. Annie Cook, Veterinary Epidemiologist, ILRI
6. Dr. Jenny Hutchinson, Director & Executive consultant (Epidemiology), AUSVET
7. Dr. R. K. Singh, Vice Chancellor cum Director, ICAR-IVRI
8. Dr. K. M. Bujarbaruah, Vice Chancellor, Assam Agricultural University, Jorhat
9. Dr. Kayala Laserson, Country Director, CDC, India
10. Dr. Henry Walke, Chief, Bacterial Special Pathogens Branch, CDC, Atlanta
11. Dr. R. N. S. Gowda, Former Vice Chancellor, KVAFSU, Bidar
12. Dr. M. Rajasekhar, Founder Director, PD_ADMAS
13. Dr. Ashok Kumar, ADG (AH), ICAR, New Delhi
14. Dr. Jyothi Misri, Principal Scientist, Animal Health, ICAR, New Delhi
15. Dr. T. Shivarama Bhat, Director, Dept of AH&VS, Karnataka
16. Dr. K. C. Veeranna, Dean, Veterinary College, Shimoga
17. Dr. B. M. Byregowda, Director, IAH & VB, Bengaluru
18. Dr. Aniket Sanyal, Joint Director, ICAR IVRI, Bengaluru Campus
19. Dr. Harish Tewari, Epidemiology Consultant, AUSVET
20. Dr. Shah Hossain, Former CDC Expert, Manipal University
21. Dr. Mohan Papanna, Public Health Specialist, CDC, India

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Published by : Director,
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Printed by : **CNU Graphic Printers**, Bengaluru - 560003 Mob. : 9880 888 399 cnu@cnu.net.in