



# ICAR-NIVEDI News

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January - June, 2019



## Director's Desk

New Year Greetings to all!

As every year unfolds itself, it has its own significant events lined up in its calendar giving us opportunities to

work upon those, to reach the ultimate essence that is serving the farming community and achieving research excellence better than previous years. From NIVEDI, during the period reported upon, Hon'ble DDG (AS), Dr. Joykrushna Jena, visited the institute and reviewed research activities on 20<sup>th</sup> May, 2019. Scientific research expert committee meetings of NIVEDI viz., 11<sup>th</sup> RAC and 13<sup>th</sup> IRC meetings were held on 2<sup>nd</sup> March, 2019 and 26<sup>th</sup> April, 2019, respectively to nurture and refine the research activities. FAO sponsored ICAR-ICMR project review meeting on AMR surveillance was held to strengthen surveillance in the country. To facilitate Lab to Field dissemination of knowledge to farmers, NIVEDI participated and displayed its research activities, diagnostic and forecasting services in Agricultural science congress exhibition at New Delhi and Krishi Mela organised by IIHR, Bengaluru. NIVEDI being the lead Institute in Veterinary Epidemiology and having mandate of capacity building, Field Veterinary Epidemiology training programme was conducted to Veterinarians from Chhattisgarh state during 11-15<sup>th</sup> February, 2019 and 12-16<sup>th</sup> March, 2019. Further, ICAR sponsored 10 days' short course on "An update of molecular and advanced approaches for the diagnosis of parasitic diseases in animals" held during 2-11<sup>th</sup> January, 2019 and awareness programme on J-GATE@CeRA was organized for NIVEDIans on 17<sup>th</sup> January, 2019 to facilitate the users to access scientific journals. One day Advanced excel training programme was organized for the benefit of research staffs on 4<sup>th</sup> April, 2019. NIVEDI being ISO certified organisation, to keep up with procedures, 2<sup>nd</sup> surveillance audit was held on 30<sup>th</sup> May 2019. To support central schemes, Prime Minister Kissan Samman Nidhi Scheme was held on 24<sup>th</sup> February, 2019 and live telecast was done. International Women's day was celebrated on 8<sup>th</sup> March, 2019 with live telecast of Hon'ble Prime Minister Shri Narendra Modi's Speech along with presentation on eminent Indian women in all fields. International Yoga day was celebrated to create awareness on the health benefits of yoga to staff members.



Hon'ble Secretary DARE & DG, ICAR, Dr. Trilochan Mohapatra, and Dr. Joykrushna Jena, DDG (FS&AS), ICAR visited the ICAR-NIVEDI exhibition stall in the 14<sup>th</sup> Agricultural Science Congress held at IARI, New Delhi during 20-23<sup>rd</sup> February, 2019. Dr. G. Govindaraj, Senior Scientist and Dr. M.M. Chanda, Scientist represented ICAR-NIVEDI in the congress.



Hon'ble DDG (AS), Dr. Joykrushna Jena, ICAR visited ICAR-NIVEDI on 20<sup>th</sup> May, 2019 and discussed about the various research activities undertaken in the Institute.



The launching of "Pradhan Mantri Kisan Samman Nidhi (PM-KISAN)" scheme by Hon'ble Prime Minister of India Shri Narendra Modiji was webcasted to farmers at ICAR-NIVEDI on 24<sup>th</sup> February, 2019.



## Scientific Activities



ICAR-NIVEDI organised the FAO-ICMR-ICAR project review meeting on Antimicrobial resistance surveillance on 18<sup>th</sup> January 2019. The dignitaries present were Dr. Rajesh Bhatia, FAO, India, Dr. Kamini Walia, ICMR and other network partners working under this project.



11<sup>th</sup> Research Advisory Council (RAC) meeting of ICAR-NIVEDI was held on 2<sup>nd</sup> March, 2019 under the Chairmanship of Dr. C. Balachandran, Vice-Chancellor, TANUVAS, Chennai, and reviewed the progress of Institute research activities and provided necessary guidance for improvement. The other RAC members present were Prof. Gaya Prasad, Vice Chancellor, Sardar Vallabhbhai Patel University of Agriculture and Technology, Meerut, Dr. K. Kumanan, Professor and Head, Department of Bioinformatics & ARIS Cell, Madras Veterinary College, Chennai, Dr. K. Prabhudas, Former Director, PD\_ADMAS, Dr. Manoj V Murhekar, Director & Scientist G, National Institute of Epidemiology, Chennai, Dr. V.V.S. Suryanarayana, Retd. Principal Scientist, IVRI, Dr. Manoj Raje, Chief Scientist, CSIR-Institute of Microbial Technology, Chandigarh, Dr. Ashok Kumar, ADG(AH), ICAR, Dr. Parimal Roy, Director, ICAR-NIVEDI, Shri Mallappa Gowda, Farmers' representative, Mysuru, Shri Ashok Allapur, Farmers' representative, Vijayapura, and Dr. V. Balamurugan, Principal Scientist and Member Secretary, ICAR-NIVEDI.



13<sup>th</sup> Institute Research Committee (IRC) meeting of ICAR-NIVEDI was held on 26<sup>th</sup> April, 2019 under the Chairmanship of Dr. Parimal Roy, Director, ICAR-NIVEDI. The external experts present were Dr. R. Raghavan, Prof. & Head, (Retd.), Department of Microbiology, Veterinary College, Bengaluru and Dr. P. Marimuthu, Prof. & Head, Biostatistics, NIMHANS, Bengaluru.



19<sup>th</sup> Institute Management Committee (IMC) meeting was conducted at ICAR-NIVEDI on 8<sup>th</sup> May, 2019.



Dr. S.S. Patil, Principal Scientist, ICAR-NIVEDI participated in the 15<sup>th</sup> round of FMD vaccination meeting chaired by Hon'ble Shri Venkatarao Nadagoudaji, Animal Husbandry Minister, Govt. of Karnataka held on 25<sup>th</sup> January, 2019.



14<sup>th</sup> Institutional Animal Ethics Committee (IAEC) meeting of ICAR-NIVEDI was held on 10<sup>th</sup> June, 2019 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 IAEC members from ICAR-NIVEDI attended the meeting.



## Important Events



Engineering cell has organized a “Demonstration of fire cum evacuation drill” for the benefit of ICAR-NIVEDI staff on 10<sup>th</sup> January, 2019.



The 70<sup>th</sup> Republic day was celebrated at ICAR-NIVEDI on 26<sup>th</sup> January, 2019 and Dr. Parimal Roy, Director addressed the staff members during this occasion.



ICAR-NIVEDI observed National Productivity Week during 12-18<sup>th</sup> February, 2019 and organized various activities.



ICAR-NIVEDI celebrated the International Women's Day on 8<sup>th</sup> March, 2019.



ICAR-NIVEDI organized Annual health check-up for the staff members on 19<sup>th</sup> March, 2019.



The second Surveillance Audit of ISO 9001: 2015 was conducted at ICAR-NIVEDI by Mr S. Vivek Balasingham, IRCLASS, Chennai on 30<sup>th</sup> May, 2019.



ICAR-NIVEDI celebrated the International Yoga day by showcasing the videos on Common Yoga protocol and importance of Yoga for the benefit of the staff members on 21<sup>st</sup> June, 2019.

## Swachh Bharat Abhiyan



Swachh Bharat Abhiyan programme activities was carried out by all the staff of ICAR-NIVEDI by cleaning the campus on 27<sup>th</sup> June, 2019.



## Livestock Disease Investigations/ Field visits



Dr. S.S. Patil, Principal Scientist, Dr. R. Yogisharadhya, STO and other research scholars of ICAR-NIVEDI participated in the Pashu Mela held at Sindhanur, Raichur during 5-7<sup>th</sup> January, 2019 and exhibited Institute research activities.



Dr. K.P. Suresh, Principal Scientist and Dr. P. Krishnamoorthy, Senior Scientist visited District Disease Investigation Laboratory, Kolar and discussed about the tick-borne diseases and their control measures on 16<sup>th</sup> January, 2019.



Dr. G. Govindaraj, Dr. S.J. Siju, Scientists and Mr. M.K. Ramu, Mr. H. Hanumantharaju, SSS participated and exhibited the Institute activities in the Krishi Mela held at ICAR-IIHR, Bengaluru during 23-25<sup>th</sup> January, 2019.



Dr. V. Balamurugan, Principal Scientist and Dr. G. Govindaraj, Senior Scientist with Dr. Vikram Prabhu, Veterinary Officer conducted PPR outbreak investigation and undertaken impact assesment survey in Chickballapur district, Karnataka on 15<sup>th</sup> March, 2019.



Dr. P. Krishnamoorthy, Senior Scientist collected clinical samples and tick samples from cattle in Haveri and Dharwad districts, Karnataka for parasitic diseases investigation during 14-15<sup>th</sup> March, 2019.



Dr. V. Balamurugan, Principal Scientist and Dr. G. Govindaraj, Senior Scientist conducted PPR survey in Bidar and Kalaburagi districts, Karnataka during 22-25<sup>th</sup> March, 2019.



Dr. V. Balamurugan, Dr. M. Nagalingam and Dr. R. Sridevi Scientists attended sheep disease outbreak investigation in Malavalli village, Mandya district on 1<sup>st</sup> April, 2019.



**Human Resource Development**



Dr. P. Krishnamoorthy, Senior Scientist collected questionnaire data from field Veterinarians in Thiruvallur district, Tamil Nadu on 5<sup>th</sup> April, 2019.



ICAR-NIVEDI organized ICAR short course on 'An update of molecular and advanced approaches for the diagnosis of parasitic diseases in animals' during 2-11<sup>th</sup> January, 2019.



Dr. V. Balamurugan and Dr. M. Nagalingam Scientists attended sheep brucellosis outbreak investigation in Ranebennur, Haveri district during 6-7<sup>th</sup> May, 2019.



ICAR-NIVEDI organized an Awareness programme on J-GATE@CeRA for users by Mr.B.Ravishankar, Informatics India Limited, Bengaluru on 17<sup>th</sup> January, 2019.



Dr. S.S. Patil, Principal Scientist and Dr. J. Hiremath, Senior Scientist attended the CSF outbreak in Kuruvangi and Karthikere villages in Chikkamagaluru on 21<sup>st</sup> May, 2019.



Dr. P. Krishnamoorthy, Senior Scientist participated in the FAO sponsored training programme on ATCLASS tool for Antimicrobial resistance held at ICAR-Central Institute for Fisheries Technology, Cochin during 21-25<sup>th</sup> January, 2019.



Dr. P. Krishnamoorthy, Senior Scientist and Dr. S.J. Siju, Scientist collected snails from different lakes in and around Tumkur district for fasciolosis investigation on 6<sup>th</sup> June, 2019.







ICAR-NIVEDI organized "Field Veterinary Epidemiology" training to the Veterinarians from Chhattisgarh state sponsored by Livestock Development Department, Government of Chhattisgarh held during 11-15<sup>th</sup> February and 12-16<sup>th</sup> March, 2019.



Dr. M. Nagalingam, Scientist delivered lecture on 'New trends in diagnosis and control of brucellosis' under B-CP to Joint Directors, Additional Deputy Directors, Deputy Directors and 150 state veterinary officers of Animal Husbandry Department, Government of Madhya Pradesh at Bhopal on 14<sup>th</sup> February, 2019.



ICAR-NIVEDI organized training program on "Advanced Excel" on 4<sup>th</sup> April, 2019 by inviting external resource person Mr. Deepak Shankar.



Dr. M. Nagalingam, Scientist created awareness on "Zoonotic brucellosis" among para medical and medical staff at Primary

Health Centre, Pattanayakkanahalli, Sira, Tumkur on 4<sup>th</sup> April, 2019.



Training program on "BioInformatics" was provided by external resource person Dr.C.N.Prashanth, Scientific Biominds at ICAR-NIVEDI held on 24<sup>th</sup> April, 2019.



Dr. S. B. Shivachandra, Principal scientist, and Dr. R. Yogisharadhya, STO, attended Phase-2 of SAMARTH, two days 'Innovation & Incubation Induction program' held at ICAR-IARI, New Delhi on 8-9<sup>th</sup> May, 2019.



Dr. S. B. Shivachandra, Principal Scientist participated in Management Development programme (MDP) on 'Business Plan Development and Accelerating FPOs/FPCs' held during 13-18<sup>th</sup> June, 2019 at ICAR-NAARM, Hyderabad.

## Awards and Recognition

1. Dr. R. Shome, Principal Scientist, awarded IAAVR Fellowship in 19<sup>th</sup> Indian Veterinary Congress & 26<sup>th</sup> Annual Conference of IAAVR held at West Bengal University of Animal and Fishery Sciences, Kolkata during 1-2<sup>nd</sup> February, 2019.



2. Best poster presentation award in National congress of Veterinary Parasitology held at Sri Venkateshwara Veterinary College, Tirupati during 28-30<sup>th</sup> January, 2019 (Dheeraj et al., 2019).
3. Best oral presentation award in National congress of Veterinary Parasitology held at Sri Venkateshwara Veterinary College, Tirupati during 28-30<sup>th</sup> January, 2019 (Shamshad et al., 2019).
4. Best poster award in PCVC-2019 held at ICAR-NIANP, Bengaluru during 3-7<sup>th</sup> March, 2019 (Yogisharadhya et al., 2019).

### New projects sanctioned

1. Agri-Business Incubation Center (R-ABI) sanctioned to ICAR-NIVEDI under RKVY-RAFTAAR scheme of Department of Agriculture Co-operation and Farmers Welfare (DAC&FW) of Ministry of Agriculture and Farmers welfare, Government of India (Dr. S. B. Shivachandra, Principal Investigator).
2. ICAR-ILRI project on Assessment of economic impact of priority animal diseases (Dr. G. Govindaraj, Principal Investigator).

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

1. Dr. S. S. Patil, Principal Scientist and Dr. R. Yogisharadhya, Senior Technical Officer attended Pashu Mela held at Sindhanur, Raichur, Karnataka during 4-8<sup>th</sup> January, 2019.
2. Dr. S. B. Shivachandra, Principal Scientist attended DST-Stakeholders meeting on 'Scientific Infrastructure Sharing Maintenance and Networks (SRIMAN)' held at Centre for Cellular and Molecular Platforms (cCAMP), NCBS campus, GKVK, Bengaluru, Karnataka on 10<sup>th</sup> January, 2019.
3. Dr. M. M. Chanda, Scientist attended workshop on 'One Health Table Top Exercise for Effective Response to Zoonotic Disease Outbreaks' held at ITC Windsor, Bengaluru during 21-23<sup>rd</sup> January, 2019.
4. Mr.V. Raghuraman, Administrative Officer and Mr. A. Vijaya Kumar, Assistant Finance and Account Officer attended Training on 'e-Office' held at IASRI, New Delhi during 23-24<sup>th</sup> January, 2019.
5. Dr. G. Govindaraj, Senior Scientist, Dr. R. Sridevi, Dr. G.B.M. Reddy and Dr. S.J. Siju, Scientists, Dr. R. Yogisharadhya and Dr. A. Prajapati, STOs attended National Horticultural Fair (NHF) held at ICAR-IIHR Bengaluru during 23-25<sup>th</sup> January, 2019.
6. Dr. P. P. Sengupta, Principal Scientist, Dr. P. Krishnamoorthy, Senior Scientist and Dr. Yogisharadhya R, STO attended XXVIII National Congress of Veterinary Parasitology and National symposium on 'Novel technologies and strategies for sustainable control of parasitic diseases of livestock, poultry and public health significance' held at Sri Venkateshwara Veterinary College, Tirupati, Andhra Pradesh during 28-30<sup>th</sup> January, 2019.
7. Dr. S.B. Shivachandra, Principal Scientist attended Conference on 'Bio Economy India Conclave' held at Indian Institute of Science, Bengaluru, Karnataka during 31<sup>st</sup> January-1<sup>st</sup> February, 2019.
8. Dr. R. Shome, Principal Scientist attended 19<sup>th</sup> Indian Veterinary Congress and 26<sup>th</sup> Annual Conference of IAAVR held at Veterinary College, WBUAFS, Kolkata during 1-2<sup>nd</sup> February, 2019.
9. Dr. D. Hemadri and Dr. V. Balamurugan, Principal Scientists and Dr. G. Govindaraj, Senior Scientist attended XXXII Annual Conference of Indian Association of Veterinary Microbiologists, Immunologists and Specialists in Infectious Diseases (IAVMI) held at Bihar Animal Sciences University, Patna during 4-6<sup>th</sup> February, 2019.
10. Dr. G. B. M. Reddy, Scientist and Dr. R. Yogisharadhya, STO attended workshop on 'SAMARTH - Innovation and Incubation Induction' held at ICAR-IARI, New Delhi during 11-13<sup>th</sup> February, 2019.
11. Dr. B. R. Shome and Dr. R. Shome, Principal Scientists, Dr. M.M. Chanda and Dr. M. Nagalingam, Scientists attended One Health India Conference 2019 held at New Delhi during 18-19<sup>th</sup> February, 2019.
12. Dr. G. Govindaraj, Senior Scientist, ICAR-NIVEDI participated in the ICAR-ILRI joint meeting on finalizing the work plan on Animal Disease Economics project on 25<sup>th</sup> February, 2019 at NASC complex, New Delhi.
13. Dr. Balamurugan V, Principal Scientist, Dr. P. Krishnamoorthy, Senior Scientist and Dr. Nagalingam M, Scientist attended XVI Annual Symposium & National Conference of IAVPHS held at Nagpur Veterinary College, Nagpur during 26-27<sup>th</sup> February, 2019.
14. Dr. R. Shome, Principal Scientist attended International Seminar on 'Animal Agriculture for Doubling the Farmer's Income: Technology, Policy and Strategy Options' held at Veterinary College, AAU, Guwahati during 27-28<sup>th</sup> February, 2019.
15. Dr. Balamurugan V, Dr. K.P. Suresh and Dr. SB Shivachandra, Principal Scientists, Dr. J Hiremath, Senior Scientist, Dr. G. B. Manjunatha Reddy, Scientist and Dr. Yogisharadhya R, STO attended 7<sup>th</sup> Pan Commonwealth Veterinary Conference held at ICAR-NIANP Bengaluru during 3-7<sup>th</sup> March, 2019.

16. Dr. S. B. Shivachandra, Principal Scientist and Dr. R. Yogisharadaya, STO attended Phase-2 of SAMARTH, 'Innovation and Incubation Induction program' held at ICAR-IARI, New Delhi during 8-9<sup>th</sup> May, 2019.
17. Dr. R. Shome, Principal Scientist attended meeting on 'Orientation and Validation of Diagnostic Kits developed under DBT-Advanced Animal Disease Diagnostic and Management Consortium (ADMaC)' held at Division of Animal Health, ICAR, Umiam, Meghalaya during 10-11<sup>th</sup> June, 2019.
18. Dr. S. B. Shivachandra, Principal Scientist attended Management Development Programme on 'Business Plan Development and Accelerating FPOs/FPCs' held at ICAR-National Academy of Agricultural Research Management (NAARM), Hyderabad, Telangana, India during 13-18<sup>th</sup> June, 2019.

### Trainings/Workshops organized

1. ICAR Short course on 'An Update of Molecular and Advanced Approaches for the Diagnosis of Parasitic Diseases in Animals' was organized at ICAR-NIVEDI, Bengaluru during 2-11<sup>th</sup> January, 2019.
2. Awareness Programme and User's Training Programme on CeRA was organized at ICAR-NIVEDI, Bengaluru on 17<sup>th</sup> January, 2019.
3. Training programme on 'Field Veterinary Epidemiology' was organized at ICAR-NIVEDI, Bengaluru during 11-15<sup>th</sup> February, 2019 and 12-16<sup>th</sup> March, 2019.
4. ICAR-NIVEDI trained nine M.Sc., students of REVA University, Bengaluru for their dissertation work during 1<sup>st</sup> January – 31<sup>st</sup> March, 2019.

### Distinguished visitors

1. Dr. Joykrushna Jena, DDG (Fisheries Science & Animal Science), ICAR, New Delhi
2. Dr. C. Balachandran, Vice Chancellor, TANUVAS, Chennai
3. Dr. Gaya Prasad, Vice Chancellor, Sardar Vallabhai Patel University of Agriculture and Technology, Meerut
4. Dr. Manoj V Murhekar, Director and Scientist G, National Institute of Epidemiology (ICMR), Chennai
5. Dr. Rajesh Bhatia, Regional Consultant, FAO, India
6. Dr. Kamini Walia, ICMR, New Delhi
7. Dr. Ashok Kumar, ADG (AH), ICAR, New Delhi
8. Dr. N. K. Shukla, Deputy Director, Livestock Development Department, Chhattisgarh
9. Dr. Sanjay Pawar, Senior Livestock Development Officer, DIS, Pune
10. Dr. K. Kumanan, Professor and Head, ARIS cell, Madras Veterinary College, Chennai
11. Dr. V. V. S. Suryanarayana, Retd. Principal Scientist, ICAR-IVRI, Bengaluru
12. Dr. Manoj Raje, Chief Scientist, CSIR-Institute of Microbial Technology, Chandigarh
13. Dr. Utpal S. Tatu, Professor, Department of Biochemistry, IISc, Bengaluru
14. Dr. Anjali A. Karande, Professor, Department of Biochemistry, IISc, Bengaluru
15. Dr. R. Raghavan, Former Prof. & Head, Veterinary College, Bengaluru.
16. Dr. P. Marimuthu, Prof. & Head, Department of Biostatistics, NIMHANS, Bengaluru.
17. Dr. Mohan Papanna, Public Health Specialist, CDC, India

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**Dr. M. Nagalingam**, Scientist and  
**Dr. Siju Susan Jacob**, Scientist

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