



# ICAR-NIVEDI

## News

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### Director's Desk

Greetings to all!

The research activities of the Institute are further boosted up by the visit of Hon'ble Dr. Sanjeev Kumar Balyan, Minister of State for Fisheries, Animal Husbandry and Dairying, Government of India on 12<sup>th</sup> November, 2020 followed by the fruitful interaction with scientists with main focus on key role that can be played by the institute on Brucellosis control programme. In order to review the progress of institute research projects, 14<sup>th</sup> Annual IRC meeting was held on 7<sup>th</sup> August, 2020 and necessary scientific inputs were incorporated in the ongoing projects. To maintain the zeal and enthusiasm of ICAR-NIVEDI staff, 20<sup>th</sup> Institute foundation day was celebrated on 1<sup>st</sup> July, 2020 by virtual mode in view of COVID-19 pandemic, and Surravey kit for sero-surveillance of trypanosomosis in bovines was released by Hon'ble Dr. Trilochan Mohapatra, Secretary DARE and Director General, ICAR on this occasion. It gives me immense pleasure to notice the scientific temper of scientists of institute evidenced by the release of c-ELISA test for assessment of antibody against Classical swine fever virus by Hon'ble Union Minister of Agriculture and Farmers' Welfare during 92<sup>nd</sup> Foundation day of ICAR on 16<sup>th</sup> July 2020 by virtual mode. In addition to scientific activities, NIVEDIans actively participated in different activities namely Hindi Saptah celebrations during 14-19<sup>th</sup> September, 2020, 150<sup>th</sup> Birthday of Mahatma Gandhi during 28<sup>th</sup> September - 2<sup>nd</sup> October, 2020, vigilance awareness week during 27<sup>th</sup> October - 2<sup>nd</sup> November, 2020 and World Antimicrobial Awareness week during 18-24<sup>th</sup> November, 2020. The Institute also celebrated 72<sup>nd</sup> Independence day on 15<sup>th</sup> August, 2020, 7<sup>th</sup> Rashtriya Ekta Diwas on 31<sup>st</sup> October, 2020, 70<sup>th</sup> Year of Adoption of Constitution of India on 26<sup>th</sup> November, 2020, 65<sup>th</sup> Karnataka Rajyotsava on 28<sup>th</sup> November, 2020, Agriculture Education day on 3<sup>rd</sup> December, 2020 and Kisan Diwas on 23<sup>rd</sup> December, 2020. Further, Institute staffs actively participated in virtual meetings of ICAR including foundation laying and inaugural functions of School of Agri-business and Rural Development at Samastipur, Bihar by Hon'ble Prime Minister, interaction with Prime Minister of India by virtual mode on the occasion of 75<sup>th</sup> Anniversary of Food and Agriculture Organisation (FAO) and teachers' day lecture by Dr. Trilochan Mohapatra, Secretary, DARE and DG, ICAR on future perspectives in agricultural education. As part of pandemic preparedness, COVID-19 testing was carried out by BBMP authorities for NIVEDI staff during 2<sup>nd</sup> September and 12<sup>th</sup> October, 2020.

### Hon'ble Dr. Sanjeev Kumar Balyan, Minister of State for Fisheries, Animal Husbandry and Dairying (FAH&D) visit to ICAR-NIVEDI



Hon'ble Dr. Sanjeev Kumar Balyan, Minister of State for Fisheries, Animal Husbandry and Dairying (FAH&D), Government of India, New Delhi visited ICAR-NIVEDI and interacted with the Scientists on 12<sup>th</sup> November, 2020. He was accompanied by Dr. Praveen Malik, Animal Husbandry Commissioner, Department of Animal Husbandry and Dairying, and Dr. Praveen Kumar, Additional Private Secretary to Minister of State for FAH&D.

## Scientific Activities



Virtual 28<sup>th</sup> Annual review meeting of AICRP on Animal Disease Monitoring and Surveillance (ADMAS) was held under the Chairmanship of Hon'ble Dr. B.N. Tripathi, DDG (Animal Science), ICAR, New Delhi during 10-11<sup>th</sup> November, 2020 and reviewed the progress made during the year 2019-20 by the 31 ADMAS centres spread across India.



The 14<sup>th</sup> Institute Research Committee (IRC) virtual meeting of ICAR-NIVEDI under the Chairmanship of Dr. Parimal Roy, Director, was held on 7<sup>th</sup> August, 2020 and all the scientists presented the progress report of the Institute research projects for the year 2019-20.



ICAR-NIVEDI organized online meeting with M/s. AgriInnovate India Limited, New Delhi to assess the technical and commercial feasibility, handholding requirement as well as preferred modes of commercialization on 29<sup>th</sup> July, 2020.

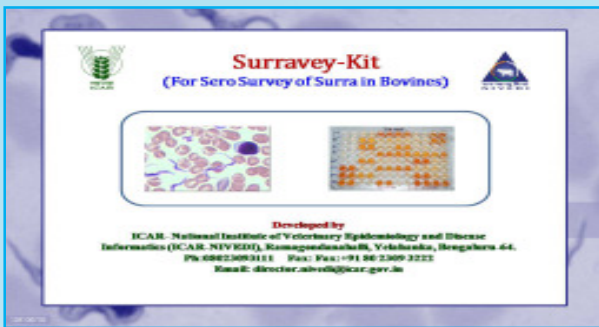


Institute Technology Management Committee (ITMC) meeting of ICAR-NIVEDI was held on 17<sup>th</sup> August 2020 under the Chairmanship of Dr. Parimal Roy, Director to review the patent applications. The Evaluation Committee members were Dr. B.P. Sreenivasa, ICAR-IVRI, Bengaluru, Dr. D. Hemadri, Dr. P.P. Sengupta Dr. K.P. Suresh, Dr. G. Govindaraj, and Dr. M. Nagalingam, Scientists, ICAR-NIVEDI.

## Important Events



The 20<sup>th</sup> Institute Foundation day of ICAR-NIVEDI was celebrated on 1<sup>st</sup> July, 2020 and Hon'ble Dr. Trilochan Mohapatra, Secretary, DARE and DG, ICAR, Dr. B.N. Tripathi, DDG (Animal Science), ICAR, New Delhi addressed the staff of ICAR-NIVEDI during the occasion and Directors of other ICAR institutes also participated in the programme.



ICAR-NIVEDI developed a recombinant antigen based “Surravey-kit” for sero-surveillance of trypanosomosis in bovines. This kit was released by Dr. Trilochan Mohapatra, Secretary, DARE and Director General, ICAR on the occasion of 20<sup>th</sup> Institute Foundation day on 1<sup>st</sup> July, 2020.



ICAR-NIVEDI organized the Vigilance awareness week and conducted various activities and competitions to the staff members and distributed certificates to the winners during 27<sup>th</sup> October to 2<sup>nd</sup> November, 2020.



The 74<sup>th</sup> Independence Day was celebrated at ICAR-NIVEDI on 15<sup>th</sup> August, 2020 and Dr. Parimal Roy, Director addressed the staff members on the occasion.



ICAR-NIVEDI celebrated the 150<sup>th</sup> Birth anniversary of Mahatma Gandhi during 28<sup>th</sup> September to 2<sup>nd</sup> October, 2020. On this occasion, lectures on Gandhian values in daily life, Gandhian Philosophy on Agriculture, Gandhian Values in present generation youth were delivered by Dr. G. B.M. Reddy, Scientist, ICAR-NIVEDI, Dr V.K.J. Rao, Principal Scientist (Extension), ICAR-IIHR, and Dr P.S. Srikantha Murthy, Professor, Dept. of Agricultural Economics, UAS, GKVK, respectively. A painting-cum-poster competition on the theme “Gandhi and India” was organized among the staff and family members of the ICAR-NIVEDI and prizes were distributed.



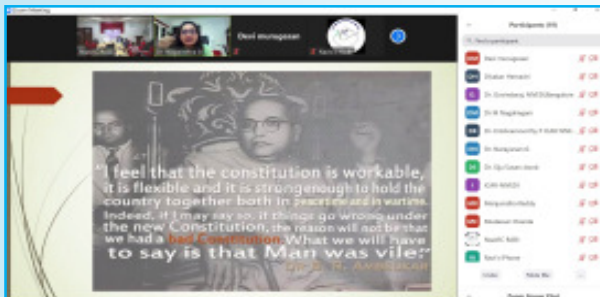
ICAR-NIVEDI organized COVID-19 testing for the staff members by Bruhat Bengaluru Mahanagara Palike (BBMP) officials held during 2<sup>nd</sup> September and 12<sup>th</sup> October, 2020. The frequent sanitization and disinfection of Institute premises was done at regular intervals.



The World Antimicrobial Awareness week was celebrated at ICAR-NIVEDI by organizing various events and competitions to NIVEDI staff during 18-24<sup>th</sup> November, 2020.



The 65<sup>th</sup> Karnataka Rajyotsava was celebrated by organizing various cultural events at ICAR-NIVEDI on 28<sup>th</sup> November, 2020.



ICAR-NIVEDI celebrated 70<sup>th</sup> Year of Adoption of Constitution of India on 26<sup>th</sup> November, 2020 and the staff members of ICAR-NIVEDI read the “Preamble” of Constitution of India with the Hon’ble Shri Ramnath Kovind ji, President, Government of India. A webinar on Indian constitution, constitutional principles and emerging concerns on cyber space was delivered by Dr A. Nagarathna, Associate Professor, National Law School of India University, Bengaluru on this occasion.



ICAR-NIVEDI celebrated the Agricultural Education day to commemorate the birth anniversary of First President of India Dr. B. Rajendra Prasad on 3<sup>rd</sup> December, 2020 and created awareness about the Education and Opportunities in Veterinary Education.



ICAR-NIVEDI organized the Rashtriya Kisan Diwas celebrations by inviting 102 farmers from Karnataka on 23<sup>rd</sup> December, 2020. On this occasion, various experts addressed the famers,

namely Dr. Prakash Kammardi, Ex-Chairman of Karnataka Agricultural Prices Commission, Mr. C.V. Lokesh Gowda, Progressive farmer, BAMUL officials namely Dr. B. Srinivas, Director, Dr. Vijay Bhaskar, Senior Veterinarian, and Dr. Gangaiah, Deputy Manager.

### Swachh Bharat Abhiyan



The Swachhta Pakhwada was organized at ICAR-NIVEDI from 16-31<sup>st</sup> December, 2020 by keeping in view of the mission mode programs of the Government of India which includes Swachhta Pakhwada, Digital India,

COVID-19 guidelines, Swasth Bharat, wastewater management and rainwater harvesting, Atmanirbhar Bharat, doubling farmer's income, and women empowerment. The activities led to the participation of staff, students, invitees (Minister, officers, progressive farmers, common public, etc.) to fulfil the goals of Swachh Bharat Abhiyan. Through digital mode, webinars on wastewater management, rainwater harvesting, waste to wealth were arranged by inviting experts in the areas. The staff of ICAR-NIVEDI created awareness on personnel hygiene and distributed the pamphlets to the general public in the nearby villages. The staff participated in the cleaning activities of Institute campus. The overall impact of the above programs resulted in general hygiene maintenance, beautification, and making the campus a safe place to work under the COVID-19 situation.

### Mera Gaon, Mera Gaurav



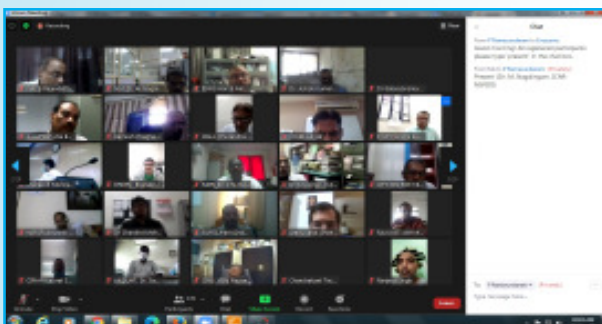
Dr. D. Hemadri, Principal Scientist and MGMG team members visited Gantiganahalli village, Bengaluru Rural district on 29<sup>th</sup> December, 2020 and created awareness on cleanliness and safe disposal of wastes and also explained about the clean milk production and prevention of mastitis in dairy cows by distributing leaflets to the farmers.

### Livestock Disease Investigations/ Field visits



Dr. P. Krishnamoorthy, Senior Scientist visited AICRP on ADMAS centre of Tamilnadu and discussed with Dr. A. Sundaresan, Principal Investigator and Dr. K. Karunanidi, Co-Principal Investigator about the implementation of NICRA project work in Tamilnadu state on 16<sup>th</sup> December, 2020.

### Human Resource Development



Dr. M. Nagalingam, Scientist participated in webinar on “Intellectual property rights in agricultural research and education in India” organized by National Agricultural Higher Education Project & Intellectual Property and Technology Management Unit, ICAR, New Delhi during 12-28<sup>th</sup> September, 2020.



Dr. P. Krishnamoorthy and Dr. G.B.M. Reddy,

Scientists participated in the online International Veterinary Pathology Congress 2020 organized by Nagpur Veterinary College, Maharashtra during 26-29<sup>th</sup> December, 2020.

### Patent Granted/Applied

1. Pen-side diagnostic kit for human Brucellosis.(Granted Patent Number 354817 dated 30<sup>th</sup> December, 2020, Inventors-Dr.Rajeswari Shome, Dr.N. Krithiga, Ms.B. Padmashree, Mrs.K. Triveni, Dr. B.R.Shome and Dr. H. Rahman).
2. Recombinant polyclonal monospecific antibodies-based immuno-diagnostics for peste des petits ruminants (PPR) surveillance. (Patent application number 202041047096 dated 28<sup>th</sup> October 2020, Inventors-Dr.V. Balamurugan, Dr.M. Nagalingam, and Dr. Parimal Roy).

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

1. Dr. V. Balamurugan, Principal Scientist attended international webinar on “World Zoonoses Day” organized by Association of Public Health and Department of Veterinary Public Health, Veterinary College, Parel, Mumbai on 6<sup>th</sup> July, 2020.
2. Dr. M. Nagalingam, Scientist attended online Management Development Programme on “Implementation of Access and Benefit Sharing Regulations in Agriculture Research: Awareness cum Sensitization Workshop” organized by ICAR-NAARM, Hyderabad during 7-10<sup>th</sup> July, 2020.
3. Dr. P. Krishnamoorthy, Senior Scientist attended the webinar on “Sensitization workshop on uploading data in KRISHI Repositories” held on 15<sup>th</sup> July, 2020.

4. Dr. J. Hiremath and Dr. P. Krishnamoorthy, Senior Scientists attended online video lecture on NABL Accreditation organized by ICAR, New Delhi on 22<sup>nd</sup> July, 2020.
5. Dr. Siju S.J, Scientist attended National webinar on current scenario and future strategies for management of parasites in animals organized by Department of Veterinary Parasitology, College of Veterinary Sciences and Animal Husbandry, Sardarkrushinagar during 28-29<sup>th</sup> July, 2020.
6. Dr. P. Krishnamoorthy, Dr. R. Sridevi, Dr. M. Nagalingam, and Dr. Siju S.J, Scientists attended online training programme on "Analysis of Experimental Data using R" organized by ICAR-NAARM, Hyderabad during 5-11<sup>th</sup> August, 2020.
7. Dr. P.P. Sengupta, Dr. V. Balamurugan, Dr. P. Krishnamoorthy, Dr. R. Sridevi, and Dr. S.J. Siju, Scientists attended National online workshop on "Generating the Highest Level of Evidence through Systematic Review and Meta-analysis" organized by Department of Pharmacy Practice, National Institute of Pharmaceutical Education and Research, Guwahati during 28-29<sup>th</sup> August, 2020.
8. Dr. V. Balamurugan, Principal Scientist participated in webinar on "Microbiome, Immunity and Vaccines" organized by Indian Association of Veterinary Microbiologists, Immunologists & Specialists in Infectious Diseases on 30<sup>th</sup> August, 2020.
9. Dr. V. Balamurugan, Principal Scientist attended International Webinar on "One Health Perspectives of Antimicrobial Resistance" jointly organized by Indian Association of Veterinary Public Health Specialists and Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar on 4<sup>th</sup> September, 2020.
10. Dr. M. Nagalingam, Scientist participated in online webinar series on "Intellectual property rights in agricultural research and education in India" organized by NAHEP and Intellectual Property and Technology Management Unit, ICAR, New Delhi during 12-28<sup>th</sup> September, 2020.
11. Dr. V. Balamurugan, Dr. P. Krishnamoorthy and Dr. S.J. Siju, Scientists participated in the webinar on "Taylor and Francis e-resources: A session on accessing T & F journals" organized by CeRA, ICAR-DKMA, New Delhi held on 16<sup>th</sup> September, 2020.
12. Dr. P. P. Sengupta and Dr. Siju S. J, Scientists attended International webinar on "Novel approaches and emerging issues in parasitic diseases of veterinary and medical importance" organized by Department of Veterinary Parasitology, Veterinary College, Bengaluru during 16-18<sup>th</sup> September, 2020.
13. Dr. V. Balamurugan, Principal Scientist attended the webinar in the BMC Series Fundamentals for Editors series, titled Finding Peer Reviewers on 23<sup>rd</sup> September, 2020.
14. Dr. S.J. Siju, Scientist attended International webinar on "An update on canine vector-borne parasitic diseases" organized by Department of Veterinary Parasitology, Madras Veterinary College, TANUVAS, Chennai on 24<sup>th</sup> September, 2020.
15. Dr. V. Balamurugan, Principal Scientist attended National webinar on "Biosafety issues related to COVID-19 testing and Zoonotic Diseases" organized by Department of Public Health, College of Veterinary Science and Animal Husbandry, DUVASU, Mathura on 28<sup>th</sup> September, 2020.

16. Dr. V. Balamurugan, Principal Scientist participated in the Rabies international webinar during 28-29<sup>th</sup> September, 2020.
17. Dr. V. Balamurugan, Dr. P. Krishnamoorthy, Dr. R. Sridevi, and Dr. S.J. Siju, Scientists attended webinar on “How to publish open access and succeed with your publication” organized by CeRA, ICAR-DKMA, New Delhi on 5<sup>th</sup> October, 2020.
18. Dr. V. Balamurugan, Principal Scientist attended multi-stakeholder national e-workshop on “PPR control & eradication in India” organized by the DAHD, GoI on 27<sup>th</sup> October, 2020.
19. Dr. S.J. Siju, Scientist attended International one health webinar on Relative contributions of the different sources of *Toxoplasma gondii*, a globally important pathogen of major public health concern organized by GADVASU, Ludhiana on 5<sup>th</sup> November, 2020.
20. Dr. V. Balamurugan, Principal Scientist attended PPR Global Eradication Programme 3<sup>rd</sup> PPR Global Research and Expertise Network (PPR GREN) virtual meeting during 9-12<sup>th</sup> November, 2020.
21. Dr. P. Krishnamoorthy, Senior Scientist participated in webinar on “J-Gate@CeRA online National Ambassador and Users orientation programme” on 9<sup>th</sup> November, 2020.
22. Dr. S.J. Siju, Scientist attended Online Training on “Analysis of Experimental Data using SAS” organized by ICAR-NAARM, Hyderabad during 9-17<sup>th</sup> November, 2020.
23. Dr. V. Balamurugan, Principal Scientist and Dr. P. Krishnamoorthy, Senior Scientist attended national webinar on “Transboundary and emerging infectious diseases: challenges in diagnosis and control” organized by Department of Veterinary Microbiology, Assam Agricultural University, Guwahati on 18<sup>th</sup> November, 2020.
24. Dr. J. Hiremath, Senior Scientist attended 9<sup>th</sup> Training Programme on ‘Financial Management in Scientific Organizations’ organized by Indian Institute of Public Administration, New Delhi during 23-27<sup>th</sup> November, 2020.
25. Dr. M. Nagalingam, Scientist attended online training programme on “Advanced Bioinformatics Tools and its Applications in Agriculture” organized by ICAR-NAARM, Hyderabad during 7-11<sup>th</sup> December, 2020.
26. Dr. V. Balamurugan, Principal Scientist attended online training on common zoonotic diseases in West Bengal under Intersectoral coordination programme for Prevention and Control of Zoonotic diseases on 16<sup>th</sup> December, 2020.
27. Dr. J. Hiremath, Senior Scientist attended strategy e-workshop on “Emergency Preparedness for Prevention of Transboundary Infectious Disease in Indian Livestock and Poultry” sponsored by National Academy of Agricultural Sciences on 19<sup>th</sup> December, 2020.
28. Dr. P. Krishnamoorthy and Dr. G.B.M. Reddy, Scientists attended the online International Veterinary Pathology Congress 2020 organized by Nagpur Veterinary College, Nagpur during 26-29<sup>th</sup> December,
1. Dr. B.R. Shome, Principal Scientist joined as Director (Acting), ICAR-NIVEDI, Bengaluru with effect from 13<sup>th</sup> October, 2020.

### **Joining/Promotion/Transfer**



**Distinguished visitors**

2. Dr. H.B. Chethan Kumar, Scientist (Veterinary Public Health) transferred from ICAR - Central Coastal Agricultural Research Institute, Goa and joined ICAR-NIVEDI on 20<sup>th</sup> August, 2020.
3. Dr. R. Sridevi, Scientist (Veterinary Microbiology) promoted to Senior Scientist under CAS with effect from 10<sup>th</sup> February, 2018.
4. Dr. Md. Mudassar Chanda, Scientist (Veterinary Microbiology) promoted to Senior Scientist under CAS with effect from 10<sup>th</sup> February, 2019.
5. Mr. N. Narayanaswamy, Assistant was promoted as Assistant Administrative Officer with effect from 1<sup>st</sup> July, 2020.
1. Dr. Sanjeev Kumar Balyan, Hon'ble Minister of State for FAH&D, New Delhi
2. Dr. Praveen Malik, Animal Husbandry Commissioner, DAHD, New Delhi
3. Dr. Praveen Kumar, Additional PS to Hon'ble Minister of State for FAH &D, New Delhi
4. Dr. T.N. Prakash Kammardi, Ex-Chairman of Karnataka Agricultural Prices Commission
5. Dr. B. Srinivas, Director, BAMUL, Bengaluru
6. Dr. Vijay Bhaskar, Senior Veterinarian and Deputy Manager, BAMUL, Bengaluru
7. Dr. Gangaiah, Chief Veterinary Officer and Deputy Manager, BAMUL, Bengaluru
8. Dr. Chithra Reddy, Gynaecologist, Mother Hood Hospital, Bengaluru

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