



NIVEDI PULSE

NIVEDI PULSE - September 2025

ICAR-NIVEDI Bags National e-Governance Award 2025 (Gold) for NADRES-V2

ICAR-NIVEDI has been conferred the National Award for e-Governance 2025 (Gold) by the Department of Administrative Reforms and Public Grievances (DARPG), Government of India. The award was presented by Dr. Jitendra Singh, Hon'ble Minister of State, during the 28th National Conference on e-Governance held in Visakhapatnam on 22 September 2025. NADRES-V2 was recognized under the category "Innovation by Use of AI and Other New Age Technologies for Providing Citizen-Centric Services." The system leverages GIS, Artificial Intelligence, and Machine Learning to forecast 15 major livestock diseases at district level and disseminates risk alerts to farmers and veterinarians through SMS and advisories. Out of 589 entries nationwide, only 10 initiatives received the Gold Award, including DigiYatra and the India Meteorological Department. The award was received on behalf of ICAR-NIVEDI by the NADRES

team comprising Dr. K.P. Suresh, Dr. Divakar Hemadri, and Dr. S.S. Patil, led by Director Dr. B.R. Gulati, the award, included a certificate, a trophy, and a cash prize of ₹10 lakh. ICAR-NIVEDI acknowledged the guidance of ICAR Headquarters and DAHD, GoI for their support in this achievement.



India and Brazil to Strengthen Agri-Tech Collaboration: ICAR–NIVEDI Hosts Maitri 2.0 Delegates in Bengaluru

From 29th September to 1st October 2025, ICAR–NIVEDI, through its NaaViC Agri-Business Incubation Centre, hosted a Brazilian delegation for Phase II of Maitri 2.0: India–Brazil Cross-Border Agri-Tech Incubators' Program, reinforcing collaboration between the two major agricultural nations.

The delegation included Dr. Carlos Nabil Ghobril, Dr. Hamilton Humberto Ramos, Dr. Ana Eugenia, Dr. Priscilla Rocha Silva Fagundes, Mr. Sergio Tutui, Mr. Angelo Mauricio, and others. Dr. Baldev R. Gulati, Director, highlighted ICAR–NIVEDI's contributions to livestock protection through advanced technologies, while Dr. Sathish B. Shivachandra, PI–CEO of NaaViC, presented opportunities in agri-tech and animal husbandry.

Experts including Dr. M. M. Chanda and Dr. G. B. Manjunath Reddy emphasized the economic importance of the sector and the need for joint solutions. Dr. S. N. Sushil, Director of ICAR–NBAIR, discussed the growing role of bio-inputs in Indian agriculture. At ICAR–IIHR, Dr. T. K. Behera, Director, showcased horticultural innovations and technology commercialization through ABI, BESST-HORT. Delegates engaged with incubatees and visited farms, gaining insights into India's agri-innovation ecosystem. The Brazilian team expressed strong interest in future collaboration, including co-incubation, student exchange, technology validation, and joint R&D, to be formalized through upcoming MoUs.



ICAR-NIVEDI Strengthens Global Leptospirosis Response through Specialized Training

ICAR-NIVEDI conducted a month-long International Training Programme on “Isolation and Identification of Leptospira Using Microbiological, Serological, and Molecular Biology Tools” for Ms. Yergalem Mahari Kibrom, Unit Head of Bacteriology, National Animal and Plant Health Laboratory, Eritrea. The training was held from 4th August to 3rd September 2025 at ICAR-NIVEDI's WOAHP Reference Laboratory for Leptospirosis in Bengaluru, under the International Atomic Energy Agency (IAEA) Fellowship Award. The programme combined lectures, demonstrations, hands-

on sessions, and field activities, covering biosafety, sample collection, bacteriological isolation, serological assays (MAT, ELISA, lateral flow, latex tests), molecular tools (PCR, real-time PCR), and advanced sequencing and genotyping. The training concluded with assessments and certification, with Ms. Yergalem demonstrating enhanced diagnostic skills. This initiative highlights ICAR-NIVEDI's role in strengthening global health security and capacity building under the One Health framework.

NIVEDI's PG Scholars of IVRI Bengaluru Education HUB Celebrate Teachers' Day

For the first time, PG scholars at IVRI Bengaluru Education Hub celebrated Teachers' Day on 4th September 2025 at ICAR-NIVEDI. The event included music performances, cake-cutting, and games, creating a joyful and memorable atmosphere. Director Dr. B.R. Gulati addressed the gathering, highlighting positive changes after NIVEDI's inclusion as an IVRI hub. Students expressed gratitude to their teachers through music, presentations, and tokens of appreciation, while faculty and scientists joined in fun activities. The celebration fostered bonding between students and

mentors and set the tone for an annual tradition at the institute.



ICAR-NIVEDI and IMD Sign MoU to Strengthen Climate-Based Livestock Disease Forecasting

On 16th September 2025, ICAR-NIVEDI and the India Meteorological Department (IMD) signed an MoU at the Ministry of Earth Sciences, New Delhi, during a strategy workshop on weather-driven advisories for agriculture and livestock. The agreement will integrate IMD's climate data with NIVEDI's NADRES system, improving disease predictions and advisories at block level. Leaders from MoES, IMD, and ICAR-NIVEDI

emphasized the importance of collaboration for accurate, science-based advisories that safeguard livestock health and farmers' livelihoods. Plans include setting up an automatic weather station at NIVEDI and strengthening API-based data sharing. This partnership is expected to significantly enhance prediction, prevention, and management of livestock diseases across the country.



Strengthening AMR Surveillance: Dr. Sweta Raghavan Delivers Guest Lecture at Seminar Club Event

On 17th September 2025, the Seminar Club hosted a lecture by Dr. Sweta Raghavan, AMR

Advisor for Karnataka, on the State Action Plan for Antimicrobial Resistance (AMR). She

emphasized the need for robust surveillance of antimicrobial use in livestock and highlighted coordinated efforts for combating AMR. The interactive session encouraged discussion with scientists and explored opportunities for collaboration in research, data exchange, and capacity building, contributing to the state's AMR containment strategies.



ICAR-NIVEDI Celebrates Hindi Saptah: A Week-Long Tribute to Language and Culture

From 14th–19th September 2025, ICAR-NIVEDI celebrated Hindi Saptah with essay writing, debates, poem recitation, and singing competitions. Staff and students actively participated, promoting Hindi as a medium of official communication while celebrating its cultural heritage.

The week fostered a spirit of unity and linguistic pride, encouraging younger professionals to embrace Hindi in scientific and daily communication. The celebrations reinforced NIVEDI's commitment to nurturing a multilingual and culturally cohesive workplace.



IMC Meeting Focuses on Infrastructure Development and Strengthening Human Resources

The 23rd Institute Management Committee (IMC) meeting was held on 19th September 2025 under the chairmanship of Dr. B.R. Gulati, Director, ICAR-NIVEDI. Senior officials and stakeholders convened to discuss proposals aimed at strengthening the institute's infrastructure and human resources. Eminent committee members included: Dr. K.C. Veeranna, Vice Chancellor, KVAFSU, Bidar; Dr. Divakar Hemadri, ADG (Animal Health), ICAR, New Delhi; Dr. Pallab Chaudhary, Joint Director, ICAR-IVRI, Bengaluru; Dr. Nitin Virmani, Head of Division, ICAR-NRC on Equines, Hisar; Other committee members and special invitees, including NIVEDI's species-specific disease epidemiology group leaders, also actively participated in the deliberations. Key recommendations of the meeting included: Disposal of obsolete items; Construction of new

laboratory facilities; Expansion of the administrative block; Planning of a walk-in cold room; Establishment of the AICRP on Livestock Epidemiology and Disease Informatics (LEAD); Strengthening cadre positions by filling vacant posts. These initiatives are expected to significantly enhance NIVEDI's research capacity, operational efficiency, and disease forecasting capabilities.



ICAR-NIVEDI Initiates 'Swachhata Hi Seva 2025' Campaign with Focus on Cleanliness, Sustainability, and Community Impact

ICAR-NIVEDI launched the Swachhata Hi Seva 2025 programme on 17th September, aligned with ICAR's national call under the theme "Swachhotsav" from 17th September to 2nd October 2025. Staff pledged 100 hours annually to cleanliness, while GIS mapping identified and prioritized waste accumulation spots. Collaborations with municipal bodies supported segregation and transportation of waste. Awareness drives in local languages targeted staff and kitchen managers, and a monitoring committee was formed to ensure accountability. Incentives and penalties were introduced to promote lasting behavioural change. Special attention was given to the welfare of sanitation

workers (Safai Mitras). The campaign reflects ICAR-NIVEDI's strong commitment to cleanliness, sustainability, and community impact.



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