

INLEAD POST DOCTORAL FELLOWSHIP IN LIVESTOCK DISEASE EPIDEMIOLOGY & MODELLING 2027-28

Empowering the Next Generation of Epidemiologists to Combat Livestock Diseases Through Advanced Modelling and Research Excellence



**SUPPORTED BY
Gates Foundation**

Application Period

19/09/2026 To 19/10/2026

About ICAR NIVEDI

ICAR-NIVEDI is a premier institute under the Ministry of Agriculture and Farmers Welfare, dedicated to advancing research in veterinary epidemiology, disease informatics and nationwide livestock disease surveillance. Operating through a network of collaborating centres, the institute collects comprehensive disease data and develops predictive models to forecast disease risk across the country. NIVEDI's contributions include playing a pivotal role in rinderpest eradication, creating NADRES – India's key animal disease forecasting system and developing need-based diagnostic kits alongside economic impact assessments of major livestock diseases. The institute maintains a National Livestock Serum Repository housing over one lakh samples to support diagnostic validation and retrospective disease studies and holds multiple patents and technologies. With robust national and international collaborations, NIVEDI provides specialized training in epidemiology, diagnostics, GIS, biosafety and biosecurity, while fostering entrepreneurship through its Naavic incubation centre and supporting SC/ST communities through livestock-based livelihood programs. Looking ahead, the institute's priorities include strengthening disease forecasting capabilities, expanding simulation modelling, developing comprehensive risk maps, enhancing One Health surveillance and assessing economic losses and climate linked disease emergence all aligned with its vision of achieving a disease-free livestock sector that contributes to food security, animal welfare and rural economic growth.

About the Gates Foundation INLEAD Fellowship Program

ICAR-NIVEDI is offering the Post doc. Fellowship as a strategic investment in building national capacity in livestock disease epidemiology, disease modelling and digital surveillance. The fellowship is designed to create a highly skilled, future-ready workforce capable of addressing the complex challenges posed by endemic, emerging and re-emerging livestock diseases that impact animal health, farmer livelihoods, food security and public health. The INLEAD Fellowship provides fully funded support for Post-doctoral program, enabling meritorious students to pursue advanced research without financial constraints. By offering comprehensive monthly fellowships along with substantial research contingency grants, ICAR-NIVEDI ensures that fellows can focus on high-quality research, field investigations, data analysis and scientific dissemination aligned with national priorities.

A key strength of the fellowship is its strong mentorship framework, which brings together experts from ICAR-NIVEDI along with internationally reputed institutions such as Penn State University and the University of Warwick. This multi-institutional mentorship model exposes fellows to global best practices, interdisciplinary perspectives and cutting-edge research methodologies in epidemiology, modelling and One Health sciences. The fellowship also offers hands-on engagement with India's national disease surveillance and digital livestock systems, including NADRES, NADICC and the National Digital Livestock Mission through this initiative, ICAR-NIVEDI aims to create an excellent career pathway for young professionals into research, academia, national and international health organisations and policy advisory roles in epidemiology, One Health and digital livestock systems. The fellowship also promotes research excellence, innovation, ethical conduct and strong linkage between academic research and real-world disease control needs

Eligibility Criteria and Guidelines for INLEAD Post doctoral Fellowship in Livestock Disease Epidemiology and Modelling

The INLEAD Post-Doctoral Fellowship (PDF) in Livestock Disease Epidemiology and Modelling is a full-time research fellowship programme aimed at attracting highly qualified researchers to undertake advanced research in livestock disease epidemiology, disease modelling, risk assessment, surveillance systems, artificial intelligence applications in animal health, and other allied areas relevant to animal health and production.

THE FELLOWSHIP SEEKS TO:

- Strengthen national capacity in livestock disease epidemiology and modelling.
- Promote high-quality interdisciplinary research.
- Generate evidence-based scientific outputs for livestock disease prevention and control.
- Enhance scientific collaboration and innovation in animal health research.
- Develop future leaders in veterinary epidemiology and disease modelling.
- The fellowship shall be implemented at ICAR-NIVEDI under the INLEAD programme and shall be governed by the provisions contained in these guidelines.

Eligibility Criteria

- The applicant should be an Indian citizen.
- The candidate must possess a Ph.D. degree in any of the relevant disciplines in Veterinary Sciences / Agricultural Sciences / Medical Sciences / Mathematics / Statistics / Biostatistics / Computer Science / Bioinformatics / Data Science / Life Sciences or similar disciplines from a recognized University.
- The selected candidate shall join the fellowship within two months from the date of issue of the selection letter.

Age Limit

- The upper age limit shall be 40 years as on the last date of application. For In-service candidates, the upper age limit will be 45 years.
- In-service candidates shall submit a No Objection Certificate (NOC) from their employer.



Selection Process/ Screening Process

The selection process shall be conducted in two stages

Level 1: Application

Screening

- The initial shortlisting of the candidates will be based on the following criteria;
- Academic excellence (Percentage/CGPA in UG, PG & Ph.D. degree program)
- Achievements in academic activities (Publications/ awards in National level & International level)
- Plan of work (including the proposed project details, below 2000 words) to be submitted by the applicant. (give more weightage)

Level 2: Interview & Presentation

- Shortlisted candidates will be intimated to appear for an interview conducted by a duly constituted Selection Committee at ICAR-NIVEDI. The decision of the Selection Committee shall be final, and no correspondence will be entertained in this regard.
- The Selection Committee will assess: Subject knowledge, Research aptitude, Scientific achievements, Relevance and quality of proposed research, Communication and presentation (expected to be ready with a presentation based on the plan of work).
- The recommendations of the Selection Committee shall be final and binding.
- A waiting list may be prepared and operated in case selected candidates fail to join within the prescribed period.

Fellowship Tenure, Governance and Research Contingency

Fellowship Tenure, Governance and Research Contingency

- The tenure of the fellowship shall be two years without any discontinuation / temporary dropping, subject to satisfactory performance and adherence to fellowship terms and conditions. Once selected, the offer of fellowship shall remain valid for two months from the date of issuance of the Selection Letter. No extension shall be granted beyond this period under any circumstances & offer will be given to the waitlisted candidates.
- The fellowship will become effective from the date of joining the PDF program.
- Each selected candidate will receive a fellowship amount of Rs. 75,000 per month (consolidated), for a maximum duration of 24 months (2 years), subject to satisfactory performance and half-yearly progress report (Fellowship will be paid monthly, based on a satisfactory report by the mentor). In addition, each fellow shall be eligible for an annual research contingency grant of up to Rupees. Two Lakhs Fifty thousand (INR 2,50,000).
- The contingency fund shall be utilized exclusively for research-related expenditures (e.g., consumables, fieldwork, data analysis tools, scientific publications and travel related to project work), in compliance with the norms of ICAR-NIVEDI.



Research Supervision and Advisory Support

- The selected PDF will work with the faculty nominated by ICAR-NIVEDI as mentor/s. Mentors can be from any national and international institutions
- The selected candidates are required to carry out their research in ICAR-NIVEDI or any other place to be decided, depending upon the requirement of the project.
- The candidates may be required to conduct field investigations depending on the research requirements of their approved topic.
- The selected PDFs are expected to publish the research findings in peer-reviewed journals.

Roles, Responsibilities and Deliverables

- The selected candidates are required to submit half-yearly (from the Date of joining progress reports to mentor/s, and final consolidated research findings will be submitted to ICAR-NIVEDI.
- Utilization of the research contingency fund must be exclusively for project-related expenses and aligned with the approved budget and financial regulations of ICAR-NIVEDI.
- The selected candidates must adhere to the rules and regulations of host institution, including rules on attendance, data handling, authorship ethics, and intellectual property rights.
- The Post doctoral fellows will be eligible to avail Casual Leaves, restricted Holidays and Gazetted holidays as per the rule of host Institution.

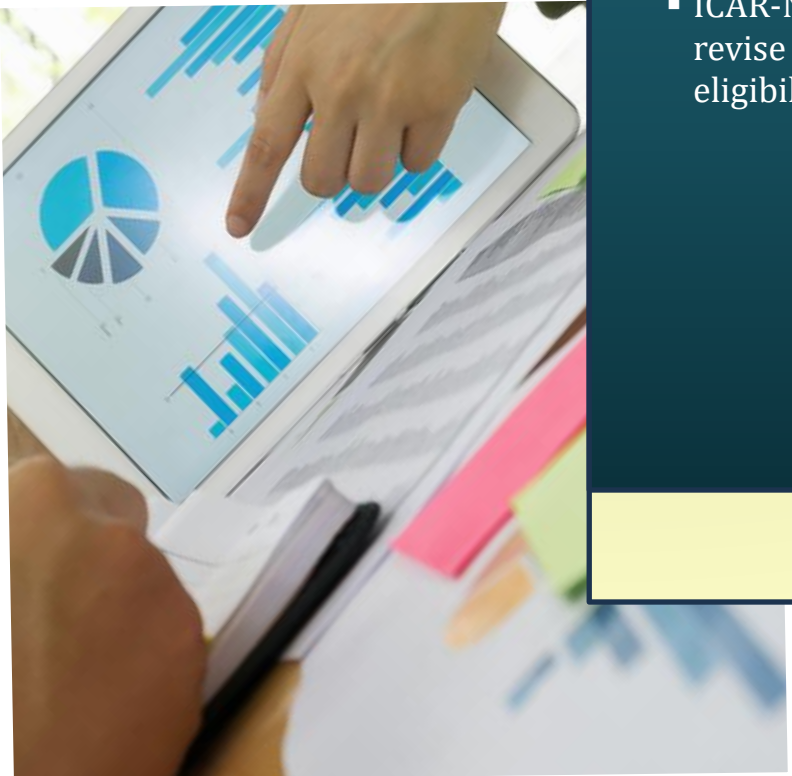
Termination and Discontinuation

ICAR-NIVEDI reserves the right to terminate the fellowship at any point for:

- If any fellow wishes to discontinue the fellowship, he/she shall inform ICAR-NIVEDI with a notice period of one month.
- The institute will not incur any expenditure from the date of termination of the project or the date of resignation of the Fellow.
- ICAR-NIVEDI reserves the right to terminate the Fellowship at any stage if it is convinced that satisfactory progress is not being made by the awardees. ICAR-NIVEDI also reserves this right in case of any misconduct, non-performance, plagiarism, ethical violations, or breach of institutional rules. .

Amendment Clause

- ICAR-NIVEDI reserves the right to revise the guidelines and modify the eligibility conditions at its discretion



Confidentiality

- Fellows and their affiliated institutions shall maintain the confidentiality of all unpublished research data, findings, and proprietary information generated during the fellowship period, except as required by law or with prior written consent of ICAR-NIVEDI.



Data policy

- All data collected or generated through research, educational or allied activities conducted at the institute using ICAR resources shall be deemed the property of ICAR.
- This includes data arising from post doctoral fellow's research work by the Institute/ICAR.
- The Director is the competent authority to implement this policy.
- Fellows shall comply with ICAR Data Policy and Intellectual Property Management Guidelines.
- Fellows shall maintain confidentiality of unpublished research data and findings.



General Guidelines

- The fellow is expected to protect the Intellectual Property Rights (IPR) generated or likely to be generated during his/her tenure.
- The Institute/Council will have the appropriate share on the patents/protections/knowledge generated as per the “ICAR Guidelines for Intellectual Property Management and Technology Transfer/Commercialization” (<https://icar.org.in/en/intellectual-property-technology-management-iptm-unit>) as amended from time to time.
- If the fellow enters into any other IP agreement, the same will be appropriately communicated to and shared with the Council. In all publications arising out of the PDF project, the support from the INLEAD-GF project, ICAR, and ICAR-NIVEDI should be duly acknowledged.
- The Director, ICAR-NIVEDI will be the final authority in resolving and taking decisions on any situation/conflict, and his decision shall be binding on all parties concerned.
- For any dispute, the applicable law will be Indian law under the jurisdiction of Courts in Bengaluru only.
- For any grievance or concern, please approach the competent authority at **ICAR-NIVEDI**.



**INLEAD Post doctoral Fellowship Application Form
(2027-28)
QR Code**

https://nivedi.res.in/inlead_postdoc_fellow2026/





**ICAR - National Institute of Veterinary Epidemiology and Disease Informatics
(NIVEDI)**

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