

Curriculum Vitae

Dr. VIJENDRA PAL SINGH

MVSc, Ph.D, FNAVS, FIAVMI

Dean, Veterinary and Animal Sciences

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Former Director- ICAR-National Institute of High Security Animal Diseases, Bhopal



WORK EXPERIENCE:

- Administrative and Research Management : 17 Years
- Research, Teaching and Training : 34 years

MAJOR ACHIEVEMENTS:

- As research experience -Development of diagnostic kits- Caprine Pleuropneumonia (CCPP) infection, Avian Influenza antibody detection, Porcine Reproductive and Respiratory Syndrome (PRRS) antibody detection.
- Development of vaccines- Caprine Pleuropneumonia for goats, Hemorrhagic Septicemia (HS) for cattle and buffalo and Avian Influenza for poultry.
- Eradication of Contagious Bovine Pleuropneumonia (CBPP) infection from India.
- Accreditation for ISO 9001:2015 (NIHSAD) and ISO 17025:2017 (Avian Influenza testing laboratory).
- Surveillance and epidemiology of endemic, emerging and exotic diseases of livestock and poultry.
- Investigation and reporting of Highly Pathogenic Avian Influenza (HPAI), PRRS and **new OIE notification** of Lumpy Skin Disease (LSD) in cattle and African Swine Fever (ASF) in pigs.
- Educational reforms in the Deemed University IVRI- new courses, inclusion of faculty of animal science institutes and linkages with SAUs/ SVUs.

PATENTS:

- Diagnostic kit against Caprine Pleuropneumonia,
- Low volume saponified vaccine against Hemorrhagic Septicemia,
- Attenuated *Pasteurella multocida* with determinant markers.

RESEARCH PROJECTS:

- Project Co-Ordinator : 2 Inter-disciplinary Network Programmes
- Project Investigator : 8 (2 outside funded), Co-Project Investigator: 12
- International Programmes : 3 (UK, Japan, Australia)
- As Director, ICAR-NIHSAD : 12 outside funded

TEACHINGS AND TRAININGS:

- Guiding of Post graduate students- As Adviser (MVSc/PhD) : 20 students

RESEARCH PUBLICATIONS:

- Published Research Papers in National and International Journals : 135 (International - 66)
- Short Communications/Popular Articles : 20
- Manuals, Monographs and Book Chapters : 21
- Invited Lectures/Keynote Speaker : 36
- Presentations in Symp/Conf/ Seminars : 215 (International – 59)

INFRASTRUCTURE DEVELOPMENT:

- **As Dean, RLBCAU, Jhansi**- Establishing the new College of Veterinary and Animal Sciences.
- **As Director, ICAR-NIHSAD**- Renovation and maintenance of the bio-containment laboratory, construction in the residential and office buildings.
- **As Jt. Director (Acad) cum Dean, ICAR-IVRI**- Facilitated modern laboratories, smart classrooms, hostels and online examination center.
- **As Head, B&M Division, IVRI**- Establishment of National Referral laboratory on Mycoplasma and Pasteurella laboratory.

AWARDS:

- Best teacher award for 2005-06 by Deemed University, IVRI, Izatnagar,
- Dr. C. M. Singh Best Research Paper Award for 2014,
- K.S. Nair Memorial award for 2000 by Indian Veterinary Association,
- Shyama Singh & Balamati Devi Memorial award for excellence in Animal Health Care and Cover for 2008 by Indian Association for Advancement in Veterinary Research,
- Dr. S. P. Singh Best Research Paper Award for 2013 by Indian Association of Veterinary Public Health Specialists,
- Travel Grant Award for the year 1992 by the Society of International organization of Mycoplasmaology (IOM), Iowa, USA.

RECOGNITIONS:

- Fellow of National Academy of Veterinary Sciences,
- Fellow of Indian Association of Veterinary Microbiologists, Immunologists and Specialists in Infectious Diseases (IAVMI),
- Fellow of Indian Association of Mycoplasmaologists.
- President of Society for Biosafety, India, President of Indian Association of Mycoplasmaologists (IAM).
- Vice President of Indian Association of Veterinary Microbiologists, Immunologists and Specialists in infectious Diseases (IAVMI).
- Member of Board of Directors –
- Asian Organization for Mycoplasmaology, Japan.
- Member of Board of Management, Academic and Research Councils, of different ICAR Institutes and Agricultural Universities.

INTERNATIONAL VISITS:

- Institute for Animal Health, Compton, U.K.,
- National Institute of Infectious Diseases, Tokyo, Japan.,
- Animal Health Research Institute & Animal Technology Institute, Taiwan,
- Veterinary Research Institute, Peradeniya, Sri Lanka.,
- Mordeun Research Institute, Edinburgh, U.K.,
- Bhutan and Thailand.

LIFE MEMBERSHIPS OF PROFESSIONAL SOCIETIES:

- Indian Association of Veterinary Microbiologists, Immunologists and specialists in Infections Diseases.
- Indian association for the Advancement of Veterinary Research.
- Indian association of Mycoplasmaologists.
- Indian Poultry Sciences Association.
- Society for Biosafety (India).
