Dr. K.P. Suresh
M sc., Ph. D (Biostatistics)

EDUCATIONAL QUALIFICATION

- SSLC (1984): Sathanur High School (Rural), Magadi Taluk, Bangalore district, Karnataka State, India
- B.Sc (1989): Statistics, Economics, Mathematics -Government science college, Bangalore University, Bangalore, Karnataka
- M.Sc (1991): Statistics- Bangalore University, Karnataka
- Ph.D. (2007): Biostatistics, National Institute of Mental Health and Neurosciences (NIMHANS), Deemed University, Bangalore, Karnataka State. Thesis on **"**Evaluation of clustering Methods for pattern recognition of scholastic Improvement in Rural children".
- Agricultural Research Service (1994)- ASRB, New Delhi

SERVICE

- Principal Scientist, ICAR-NIVEDI, Bangalore, Karnataka from April 2014 till date
- Sr. Scientist, ICAR-NIVEDI, Bangalore, Karnataka, from April 2012– April 2014
- Scientist, ICAR-NIANP, Bangalore, Karnataka, from April 1997–April 2012
- Statistical Assistant, ALL INDIA RADIO, Dharwad, Karnataka from June 1992– April 1997

EXPERIENCE
(As a teacher, Statistician, Scientist, and Guide)

- 5 years' experience in data analysis of audience research data, All India Radio, Dharwad, Karnataka state
- 28 years of experience as a scientist in Biostatistics: Design, Data Analysis, and Interpretations at the National Institute of Animal Nutrition and Physiology, Bangalore, Karnataka State and Epidemiology, Disease modelling, Risk Mapping using Remote sensing in ICAR- National Institute of Veterinary Epidemiology and Disease Informatics
- 3 years teaching in statistics for postgraduate students, 1 year for undergraduate students at Kalpatharu college, Tiptur, Tumkur district, and 2 years for Postgraduate students of National Dairy Research Institute (Deemed University), Bangalore Southern center, Bangalore 560030.
- Member of the board of examiners to adjudicate the Ph. D thesis in Computer Science on" Prediction of Secondary structure of Proteins" for Bharathidasan University, Tamil Nadu.
- Guided One Ph.D. and about 26 M.Sc. Students in dissertation/thesis.

AWARDS AND HONOURS RECEIVED

Category	Count
Research/Review papers in refereed journals	202
Lectures	54
Abstracts	56
Copyrights	6
Books and Book chapters	9
Compendium	5
h-index	30
i-10 index	100

- ICAR Scientist Dr. K P Suresh Featured Among Top 2% Scientists Globally
    - Global Rank: **81,815** out of **6,700,311** researchers (excluding self-citations)
    - India Rank: **1,480** out of **6,239** scientists
    - ICAR Institutes Rank: **18** out of **91** scientists
    - Dairy & Animal Science Subfield Rank: **192** out of **72,794** authors
- The ICAR-National Institute of Veterinary Epidemiology and Disease Informatics (ICAR-NIVEDI), based in Bengaluru, has been honored with the prestigious **Gold Award at the National Awards for e-Governance 2024–25. This recognition was conferred by the Department of Administrative Reforms and Public Grievances (DARPG), Government of India,** under the category of "**Innovation by Use of AI and Other New Age Technologies for Providing Citizen Centric Services". Project Head: Dr. K.P Suresh, Team Members: Dr. Divakar Hemadri, Dr. Baldev Raj Gulati, Dr. S.S Patil.**
- Recognized by the B P International on Oct 20, 2023, for making an exceptional contribution to the book's peer-review process, enhancing its quality.
- Recognized by the International Journal of Plant & Soil science on Oct 5, 2023, for making an exceptional contribution to the journal's review process, enhancing its quality.
- Recognized by the B P International on September 23, 2023, for making an exceptional contribution to the book's peer-review process, enhancing its quality.
- Recognized by the International Journal of Environment and Climate Change on September 9, 2023, for making an exceptional contribution to the journal's review process, enhancing its quality.
- Recognized by the International Journal of Environment and Climate Change on August 5, 2023, for making an exceptional contribution to the journal's review process, enhancing its quality.
- Recognized by the International Journal of Environment and Climate Change on July 29, 2023, for making an exceptional contribution to the journal's review process, enhancing its quality.
- Recognized by the International Journal of Environment and Climate Change on May 6, 2023, for making an exceptional contribution to the journal's review process, enhancing its quality.
- Honored by the ICAR-NIVEDI for the Best Research Paper Award-2022 for the paper entitled "Prevalence of Japanese encephalitis (JE) virus in mosquitoes and animal of the Asian continent: A systematic review and meta-analysis".
- Professor Prasanta Chandra Mahalanobis (PC Mahalanobis) National Award (2022) for Outstanding Contributions Towards Development and Improvement of Indian official statistical System.

- Copyrights received for three mobile applications ANIP on GIP (SW-15776/2022) Bluetongue Forewarning (SW-15777/2022) and NER LDF.
- Stanford University World ranking top 2% scientists (2019) –Rank (1105), C-Score-3.03
- Honored by the office of District of statistical officer of Bangalore Rural and Urban district on the occasion 4th statistics day of India on 29th June, 2010.
- Worked as Expert in the committee for developing syllabus of Clinical Nutrition and Dietetics, Karnataka State Open University (KSOU), Mysore, Karnataka.
- Selected as External examiner for Ph. D thesis evaluation on "Prediction of Secondary Structure of Proteins" submitted to Bharathidasan University.
- Worked as Member of Board of studies for scrutinizing and approving Ph. D Synopsis of three Ph. D candidates at VHD College, Bangalore University, Bangalore.
- Honorary Biostatistician for Journal Human Reproduction Science, an official publication of Indian Society of Assisted Reproduction.
- Worked as Expert for Research Projects review meeting at National Institute of Unani Medicine (NIUM), Government of India, Bangalore.
- Honored as member of advisory committee for National conference on Contemporary Issues in Quality Assurance in Higher Education, 25–26th September 2009, organized by St. Anne`s Degree College for Women.
- Worked as Judge the paper presentation for two-day UGC sponsored National Conference on "Role of Home Science Education and Other Interdisciplinary subjects towards promoting health for all" on 23rd and 24th July 2009 organized by Smt. VHD central Institute of Home Science
- National Level award (ICAR) for Research on Kitchen waste as feed resources for milking animals in 2002, ICAR, New Delhi.
- National Award for Radio Listener survey in 1997, All India Radio, New Delhi.

EXPERIENCE IN CLINICAL RESEARCH AND DATA ANALYSIS

Member of the ethical committee and Data Safety Management Board for clinical trials. Analysis of data of clinical trials, thesis data over 10000 studies in clinical, behavioral, agricultural, animal science, etc.

EXPERIENCE IN ANIMAL NUTRITION AND PHYSIOLOGY

- Design, Data analysis, and Interpretations of Institute Projects/Trials.
- Involved in 7 projects as Principal Investigators (1 completed and 6 on-going).
- Involved as co-investigator in 2 projects and One inter-institutional project as Co-investigator.

KNOWLEDGE ON STATISTICAL SOFTWARE

- SAS, STATA, SPSS, SYSTAT, MINTAB, NCSS, MEDCALC, PRISM, STATISTICA.
- Analysis of data using SAS, STATA, SPSS, and, SYSTAT.
- Experience in using SAS /STATA codes FOR MORE THAN 8-9 YEARS.
- Attended training program at Indian Agricultural Statistics Institute (IASRI), New Delhi, from 8–20th March 1999 on topic "Computer and Graphical assisted Multivariate Data Analysis" with special reference to use of SAS software for statistical data analysis.

- Appointed as NODAL OFFICER at NIANP, Bangalore, for installation, maintenance, and Use of SAS for design and analysis under the National project "Strengthening Statistical Computing for National Agricultural Research System".
- Attended training program for 40 days on "SAS: A Comprehensive Overview" at GKVK, the University of Agricultural Science Bangalore from 9th August– 16th September 2010.
- Attended online "ArcGIS Pro: Essential Workflows" certified training from Esri India from Feb-7th to 9th 2024.

TRAINING UNDERGONE

- Attended training sessions on the topics of "AI-Led Digital Transformation in Agriculture, Building Climate Resilience in Agricultural Systems, Communication for Citizen Centricity, Data Storytelling, and GenAI for Everyone," conducted by the Department of Personnel Training, Karmayogi Bharath, on 31st May 2025.
- Attended training of "Big Data Analytics in Government- Basic" conducted by ISTM NewDelhi from 27-29th January 2025.
- Attended online "ArcGIS Pro: Essential Workflows" certified training from Esri India from Feb-7th to 9th 2024.
- Attended online NAHEP-CAAST sponsored training cum workshop on "Airborne Hyperspectral Remote sensing for Agricultural" organized by the division of Agricultural physics, ICAR-IARI, New Delhi from Jan 16-25, 2023.
- Attended Online Management Development Programme on "Leadership development" conducted by ICAR-NAARM, Hyderabad from 13-24th December 2021.
- Participated as course coordinator for SAARC Agriculture Centre (SAC) training on "Animal disease informatics and Biostatistics" held at ICAR- NIVEDI, Bangalore from 3rd-8th May 2018.
- Attended training of "ICTs for Improving Efficiency and Effectiveness in Agricultural Research, Education and Extension of NARES" on 15th November 2018 held at ICAR-IIHR, Bengaluru.
- Participated in Capacity building in-house workshop on "Sampling Plan for Residue monitoring in Animal Products" held on 12 and 13th, December 2018 and delivered a lecture on "Sample size estimation and sampling plan –An introduction" and "Sampling plan for residue monitoring in organized layer and broiler farms" at Izantnagar, UP.
- Participated in "Training on Next Generation Genomic Technologies (Next Generation Sequencing and Bioinformatics)" organized by TDU and Bengaluru Genomics Centre Pvt. Ltd, (BGC) from June 25-30th, 2018 at the Centre for Functional Genomics and Bioinformatics, TDU, Bengaluru.
- User Awareness Training Programme on J-Gate @CeRA at ICAR-NIVEDI on 15th November 2016.
- Attended workshop on, "Surveillance and Outbreak Investigations for Veterinaries" at Nagpur Veterinary College, November 2016.
- Attended training program for 40 days on "SAS: A Comprehensive Overview" at GKVK, University of Agricultural Sciences, Bangalore from 9th August– 16th September 2010.
- Attended workshop on "Management of Intellectual Property Rights in Biotechnology" organized by Biotech Consortia India Limited, Bangalore on 8-9th January 2009.
- Attended 21 days training program on "Multidisciplinary Computer course" at UGC-Academic Staff College, Bangalore University, Bangalore from 11.03.2008 to 1.04.2008.
- Attended 2 weeks training program on "Computer Intensive Techniques in Agricultural Surveys" from 2oth Jan-4th Feb 2000, IASRI, New Delhi.

- Attended 2 weeks training program on "Computer and Graphical Assisted Multivariate Data Analysis" from 8-20 March 1999, IASRI, New Delhi.
- Attended 4 months of Probationary training at NAARM, Hyderabad from January-April 1998

TRAINING CONDUCTED ON BIOSTATISTICS

- Two week from 7th to 16th February, 2024, ICAR short course training organized on "Advances in GIS applications in epidemiological analysis of livestock diseases in India" Sponsored by Agricultural Education Division, Indian Council of Agricultural Research, New Delhi.
- Two days training program on "Research Methodology and Biostatistics" at ICAR-NIVEDI, during the period on 13th – 14th July 2019. 45 participants attended the training program from all over India.
- Three days training program on Research Methodology, Epidemiology and Biostatistics was organized from 18–9th January, 2014 at NIVEDI. Bangalore. 40 participants attended the training program from all over India.
- Three days training program on Research Methodology, Epidemiology and Biostatistics was organized from 17–19th January, 2013 at NIVEDI. Bangalore. 80 participants attended the training program from all over India.
- Three days training program on Research Methodology, Epidemiology and Biostatistics was organized from 16–18th January, 2012 at NIVEDI. Bangalore. 40 participants attended the training program from all over India.
- Two days training program on Research Methodology, Data Management and Biostatistics was organized from 9–10th December, 2011 at NIANP. Bangalore. 95 participants attended the training program from all over India.
- Two days training program on Research Methodology, Data Management and Biostatistics was organized from 10–11th December, 2010 at NIANP. Bangalore. 117 participants attended the training program from all over India.
- Two days training program on Research Methodology, Data Management and Biostatistics was organized from 8-9th January, 2010 at NIANP. Bangalore. 115 participants attended the training program from all over India.
- Two days training Program on Data Management and Biostatistics was organized from 12-13th December 2008 at NIANP. 62 participants attended the training program
- One-week Training Program was organized on Data management and Biostatistics for staff of NU trust for Kidney foundation, Bangalore. 22-31 January 2008 at NIANP, Bangalore.
- One-week Training program was organized on Data Management and Biostatistics for Staff of Stempuetics Research Pvt Ltd, Bangalore, five Participants attended the training, 29th September to 4th October 2007 at NIANP, Bangalore.

PATENT/COPY-RIGHT OWNED

- EPIDEMIOLOGICAL CALCULATOR (EPI CAL) Web Application with dairy no. **6656/2022-CO/SW** with Registered number CR0834.
- BLUETONGUE FOREWARNING MOBILE APPLICATION (BT Mobile App) with **6655/2022-CO/SW** Registered Number CR0833.
- LIVESTOCK DISEASE FOREWARNING (LDF Mobile App) 6659/**2022-CO/SW** with file No. CR0835.
- ANIP on GIP Mobile Application with diary no. **6654/2022-CO/SW** and Registered Number is CR0832 has been approved under registrar of Copyright.
- ADVANCED ANIMAL DISEASE DIAGNOSIS AND MANAGEMENT CONSORTIUM (ADMaC Mobile App) with diary no. **6652/2022-CO/SW** and Registered with CR0831.
- North East Region Livestock Disease Forewarning (NERLDF Mobile App).

TECHNOLOGY/METHODOLOGY DEVELOPED

1. Bhatta, R., Malik, P. K., **Suresh, K. P.,** & Kotle, A. P. (2025, July 16). National inventory on the state-wise enteric methane emissions from Indian livestock [Technology development]. ICAR-NIANP.
2. Patil, S. S., **Suresh, K. P.,** Hemadri, D., & Roy, P. (2024, July 16). Indirect ELISA for the detection of antibodies against CSFV in pigs: Methodology [Technology development]. ICAR-NIVEDI.
3. **Suresh, K. P.,** Hemadri, D., Patil, S. S., Krishnamoorthy, P., & Siju, S. J. (2023, July 16). National Animal Disease Referral Expert System Version 2 (NADRES V2) (Code: **201715183910985**) [Technology development]. ICAR-NIVEDI.

PUBLICATIONS

1. Rani, S., Khatoon, M., Pyasi, S., Kumbhar, B. B., Patil, S. S., Barman, N., Pandey, R. K., & **Suresh, K. P.** (2025). Comprehensive Immunoinformatics Approach for Developing a Multi-Epitope Subunit Vaccine against Lumpy Skin Disease. Veterinary Vaccine, 100146. https://doi.org/10.1016/j.vetvac.2025.100146 (NAAS Score: NA)

2. **Puttahonnappa, S. K.,** Anandakumar, J., Barman, N. N., Rajkumar, R., Paramanandham, K., Patil, S. S., Lamba, S., Patil, A. V., & Gulati, B. R. (2025). Investigating environmental determinants and spatiotemporal dynamics of highly pathogenic avian influenza H5N1 outbreaks in India through machine learning. Scientific Reports, 15(1). https://doi.org/10.1038/s41598-025-96765-2 (NAAS Score: 9.80)

3. Hemadri, D., Hiremath, J., **Suresh, K. P.,** Jayaraman, J., Patil, S. S., Roy, P., & Sridevi, R. (2025). A countrywide survey of PRRS indicates widespread seroprevalence in India with age of the pig and zone as significant risk factors. VirusDisease. https://doi.org/10.1007/s13337-025-00937-7 (NAAS Score: 5.83)

4. Ramesh, V., **Suresh, K. P.,** Mambully, S., Rani, S., Patil, A. V., Anand, J., Sri, S. Y., & Balamurugan, V. (2025). Comparative transcriptomic and machine learning analysis identifies key genes and immune dysregulation in goats exposed to peste des petits ruminants' virus. Virus Genes. https://doi.org/10.1007/s11262-025-02188-6 (NAAS Score: 7.90)

5. Naik, N., Hiremath, J., Chethan Kumar H.B, Muruganantham, V., Venkataramappa, M., Velankar, A.., Manjunatha, **Kuralayanapalya Puttahonnappa, K. P. S.**, N. Shivasharanappa, Patil, S., & B.R. Gulati. (2025). Prevalence of classical swine fever, African swine fever, and Japanese encephalitis: a multi-disease study in Indian pigs. Veterinaria México OA, 12. https://doi.org/10.22201/fmvz.24486760e.2025.1469 (NAAS Score: NA).

6. Patil, S., Muruganantham, V., Venkataramappa, M., Velankar, A., Naik, N., Jogaiah, M., Mahadevaswamy, R. and **Suresh, K.P.** (2025). Analysis of Bovine Alphaherpesvirus-1 (BoAHV-1) Antibody Prevalence in Indian Buffalo Populations. Indian Journal of Animal Research. 1-6. doi: 10.18805/IJAR.B-5564. (NAAS Score: 6.40)

7. Sengupta, P. P., Jacob, S. S., **Suresh, K. P.,** Rajamani, S., & Maharana, S. M. (2025). Exploration of global trends of seroprevalence of human toxoplasmosis by scientometric analysis. *Experimental parasitology*, 108971. Advance online publication. https://doi.org/10.1016/j.exppara.2025.108971 (NAAS Score: 7.40)

8. Mambully, S., Ramesh, V., Rani, S., Khatoon, M., Jayashree, A., Patil, A. V., Palavesam, A., Sengupta, P. P., Patil, S. S., & **Suresh, K. P.** (2025). Genotype patterns and evolutionary rates: Uncovering Japanese encephalitis virus spread across Asia's climate regions. Acta Tropica, 107676. https://doi.org/10.1016/j.actatropica.2025.107676 (NAAS Score: 8.10)

9. Shome, R., Patil, S., Skariah, S., Maharana, S. M., Shanmugam, G., **Suresh, K. P.,** Nanditha, T. R., & Mohandoss, N. (2025). Bovine brucellosis sero-prevalence trend during 2011-14 and 2015-18 in Indian sub-continent. Veterinary research communications, 49(3), 164. https://doi.org/10.1007/s11259-025-10731-x (NAAS Score: 7.80)

10. Mahadevaswamy, R., Muruganantham, V., Ramesh, V., Mambully, S., **Suresh, K. P.,** Hiremath, J., Nayakvadi, S., Gulati, B., & Patil, S. (2025). Global population dynamics and evolutionary selection in classical swine fever virus complete genomes: insights from Bayesian coalescent analysis. Virus Genes. https://doi.org/10.1007/s11262-025-02154-2 (NAAS Score: 7.90)

11. Sagar, N., **Suresh, K.,** Sridhara, S., Patil, B., Archana, C., Sekar, Y. S., Naveesh, Y., Nandan, A., & Sushma, R. (2025). Precision detection of grapevine downy and powdery mildew diseased leaves and fruits using enhanced ResNet50 with batch normalization. Computers and Electronics in Agriculture, 232, 110144. https://doi.org/10.1016/j.compag.2025.110144 (NAAS score: 13.70)

12. Mallappa, A., **Suresh, K. P.,** Shome, R., Patil, S. S., Amachawadi, R. G., Mohan, K. S., Venkatesh, S. P., Ramesh, V., Sekar, Y. S., Thippeswamy, H., & Patil, A. V. (2025). Systematic review, Meta-analysis, and Pan-genome analytics predict the surging of Brucella melitensis by China and India-specific strains, elucidating the demand for enhanced preparedness. Journal of Infection and Public Health, 102693. https://doi.org/10.1016/j.jiph.2025.102693 (NAAS score: 10.70)

13. Hiremath, J. B., Swathi, M., Ramamoorthy, R., Shijili, M., Sharma, D., Hemadri, D., Chethankumar, H. B., **Suresh, K. P.,** Patil, S. S., Nayakvadi, S., Satheesha, S. P., Shome, B. R., & Gulati, B. R. (2025). First detection and molecular characterization of porcine epidemic diarrhea virus (PEDV) in India: evidence of a new variant in Karnataka. Virology journal, 22(1), 28. https://doi.org/10.1186/s12985-024-02606-5 (NAAS score: 10.00)

14. Rani, S., Ramesh, V., Khatoon, M., Shijili, M., Archana, C. A., Anand, J., Sagar, N., Sekar, Y. S., Patil, A. V., Palavesam, A., Barman, N. N., Patil, S. S., Hemadri, D., & **Suresh, K. P.** (2025). Identification of molecular and cellular infection response biomarkers associated with anthrax infection through comparative analysis of gene expression data. Computers in Biology and Medicine, 184, 109431. https://doi.org/10.1016/j.compbiomed.2024.109431 (NAAS score: 13.00)

15. Rani, S., Ramesh, V, Beelagi, M, S., Raaga, R., **Suresh, K.P.**, Barman, N.N., Patil, S.S. (2024). Genetic symphony: investigating codon usage bias and evolutionary dynamics in West Nile virus across diverse geographical regions. Explor Animal Medical Research, 14(2). DOI: 10.52635/eamr/14.2.187-200. (NAAS score: 6.00)

16. Sekar, Y.S., **Suresh, K.P.,** Subramaniam, S., Mambully, S., Rani, S., Khatoon, M., Chandrasekaran, D., Barman, N.N., & Patil, S.S. (2024). Genomic exploration of foot-

and-mouth disease signal molecules in Malnad Gidda and Hallikar breeds of Karnataka: A RNA-seq approach. The Indian Journal of Animal Sciences. DOI: https://doi.org/10.56093/ijans.v94i12.149541 (NAAS score: 6.20)

17. Bharathi I, U., Rani, S., Patil, S. S., Pandey, R. K., Ramesh, V., B, M., … Suresh, K. P. (2024). Gene expression meta-analysis identifies novel pathways of the avian influenza virus disease. Journal of Biomolecular Structure and Dynamics, 1–11. https://doi.org/10.1080/07391102.2024.2431662 (NAAS score:8.70)

18. Naveesh,Y.B., **Suresh, K.P.,** Sagar, N., Raaga,R., Chethan, A. J., Patil, S. S. , Krishnamoorthy, P. , Siju, S. J. (2024). Understanding Climate Change Perspectives and Adaptive Measures among Farmers in Koppala District of Karnataka. Agriculture Association of Textile Chemical and Critical Reviews Journal, 138-151. DOI: https://doi.org/10.21276/AATCCReview.2024.12.04.138 (NAAS Score: 6)

19. Anandakumar, J., **Suresh, K. P.,** Patil, A. V., Jagadeesh, C. A., Bylaiah, S., Patil, S. S., & Hemadri, D. (2024). Comprehensive Spatial-Temporal and Risk Factor Insights for Optimizing Livestock Anthrax Vaccination Strategies in Karnataka, India. Vaccines, 12(9), 1081. https://doi.org/10.3390/vaccines12091081 (NAAS score: 11.20)

20. Ramesh, V., **Suresh, K. P**., Mambully, S., Rani, S., Ojha, R., Kumar, K. V., & Balamurugan, V. (2024). Dynamic evolution of peste des petits ruminants virus in sheep and goat hosts across India reveals the swift surge of F gene. *VirusDisease*, 1-15. DOI: https://doi.org/10.1007/s13337-024-00890-x (NAAS score: 5.83)

21. Mn, Mamathashree, Swati Rani, **Suresh Kp,** Jayashree A, Archana Ca, Mehnaj Khatoon, Shijili M, Varsha R (2024): Phytochemical profiling of Acacia nilotica against SARS-CoV-2 inhibitory potentials: Synergistic influence of the identified phytochemicals based on molecular docking, in: International Journal of Advanced Biochemistry Research, vol. 8, no. 8S, pp. 1392–1407. DOI: 10.33545/26174693.2024.v8.i8Sr.2110 (NAAS score: 5.29)

22. Mn, Mamathashree, **Suresh Kp,** Swati Rani, Archana Ca, Yamini Sri S, Shijili M, Mehnaj Khatoon (2024): A comprehensive immuno-informatics analysis to design and evaluate a multi-epitope vaccine against the Japanese encephalitis virus, in: International Journal of Advanced Biochemistry Research, vol. 8, no. 8S, pp. 1369–1385. DOI: 10.33545/26174693.2024.v8.i8Sr.2092 (NAAS score: 5.29)

23. ASHWINI, M., **SURESH, K**. P., PATIL, S., HEMADRI, D., GULATI, B. R., BARMAN, N., & NAYAK, A. (2024). Comprehensive assessment of lumpy skin disease prevalence across Asia and African countries: A systematic review and meta-analysis. *The Indian Journal of Animal Sciences*, *94*(8), 659-664. https://doi.org/10.56093/ijans.v94i8.148945. (NAAS score: 6.20)

24. Sagar, N., **Suresh, K. P**., Naveesh, Y. B., Archana, C. A., Hemadri, D., Patil, S. S., ... & Chethan, A. J. (2024). Forest fire dynamics in India (2005–2022): Unveiling climatic Impacts, spatial Patterns, and interface with anthrax incidence. *Ecological Indicators*, *166*, 112454. https://doi.org/10.1016/j.ecolind.2024.112454. (NAAS score:13.00)

25. Shyamsundar, K. A., Rathnamma, D., Gulati, B. R., Isloor, S., Chandranaik, B. M., Sharada, R., Shivashankar, B. P., **Suresh, K. P.,** Ranganatha, S., & Patil, S. S. (2024).

Transmission patterns of malignant catarrhal fever in sheep and cattle in Karnataka, India. Veterinary research communications, 48(5), 3437–3443. https://doi.org/10.1007/s11259-024-10486-x (NAAS score:8.20)

26. Shyamsundar, K. A., Patil, S. S., Rathnamma, D., **Suresh, K. P.**, Ranganatha, S., Manjunatha, J.,& Akshatha, V. (2024). Therapeutic vaccine: A novel immunological approach. Indian J. Comp. Microbiol. Immunol. Infect. Dis., 45(2), 55-63.NAAS score : 4.49)

27. **Suresh, K. P.,** Jacob, S. S., Sengupta, P. P., Bari, T., Jagadish, D., Krishnamoorthy, P., & Patil, S. S. (2024). Evaluating environmental and remote sensing factors in theileriosis risk prediction for bovine in Kerala, India: navigating post-flood climate dynamics. *Current Science (00113891)*, *127*(3). DOI: 10.18520/cs/v127/i3/352-358 (NAAS score:7.00)

28. Rani, S., Khatoon, M., Hiremath, J., **Suresh, K. P**., Anandakumar, J., Barman, N. N., ... & Patil, S. S. (2024). Decoding bovine coronavirus immune targets: an epitope informatics approach. *Animal Diseases*, *4*(1), 15. https://doi.org/10.1186/s44149-024-00118-x (NAAS score: NA)

29. Raaga R., **KP, S**., Hemadri, D., Gulati, B. R., Chandrashekar, B., KP, R. K., SM, M. S., ... & KL, R. K. (2024). Unveiling Urban Canines: Leveraging Single-sight and Sight–resight Survey for Street Dog Population Estimation and Enhanced Rabies Surveillance in Metropolitan City of Bruhat Bengaluru Mahanagara Palike, Karnataka, India. *Journal of Scientific Research and Reports*, *30*(5), 854-867. https://doi.org/10.9734/jsrr/2024/v30i52003 (NAAS score:5.17)

30. Chaithra, N., Jayashree, A., Sahana, C., Shreevatsa, B., Rajendrasozhan, S., Dharmashekar, C., **Suresh, K. P.,** ... & Shivamallu, C. (2024). Progression-free survival estimation of docetaxel-based second-line treatment for advanced non-small cell lung cancer: a pooled analysis from 18 randomized control trials. *Frontiers in Oncology*, *14*. doi: 10.3389/fonc.2024.1298786 (NAAS score:10.70)

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45. **Suresh K.P** and Suranagi M.D. (2012). Recent trends in generating randomization schedule for animal science research using SAS. Training Manual on One- week training program on Data analysis using SAS conducted by Karnataka Veterinary Animal and Fishery Science University, Bidar 12-17 March 2012. Page 67-74
46. **Suresh K.P** and Gopinath Rao M. (2012). Introduction to correlation and regression using SAS. Training Manual on One- week training program on Data analysis using SAS conducted by Karnataka Veterinary Animal and Fishery Science University, Bidar 12-17 March 2012. Page 54-66.

47. **Suresh K.P** (2012). Clinical Research Methodology and Biostatistics. 17th National Conference, Indian Society for Assisted Reproduction. "Research Methodology and Biostatistics", Pre-congress workshop on 1st March 2012, 5-15
48. **Suresh K.P** (2012). An overview of Randomization technique: An unbiased assessment of outcome in clinical research. 17th National Conference, Indian Society for Assisted Reproduction. " Research Methodology and Biostatistics, Pre-congress workshop on 1st March 2012, 16-23
49. **Suresh K.P** (2012). Sample size estimation and power analysis for clinical research. 17th National Conference, Indian Society for Assisted Reproduction. "Research Methodology and Biostatistics, Pre-congress workshop on 1 March 2012, 24-36.
50. **Suresh K.P** (2012). Biostatistical methods for hypothesis testing. 17th National Conference, Indian Society for Assisted Reproduction. "Research Methodology and Biostatistics, Pre-congress workshop on 1st March 2012, 37-42.
51. David, C. G, **K.P. Suresh**, Ravi Kiran Gorti, R.U. Suganthi and I.J.Reddy (2011). Selection of quality moulting paradigm: A Meta analytic approach at the 28th Annual Conference and International symposium of the Indian Poultry Science Association, Bihar Veterinary College, Patna 22-24 December, 2011. Pp 78
52. David, C.G, P. Heartwin Amaldas, R.K. Gorti**, K.P. Suresh** and I.J. Reddy (2012). Enhancement of eggshell strength in ageing chicken: Plausible role of garlic at the 3rd Mediterranean summit of world's poultry science association and 6th international Poultry conference, Port marina, Alexandria, Egypt 26-29 March, 2012 (abstract accepted for poster presentation).
53. **Suresh K.P** (2011). Meta-analysis in Animal Nutrition and Physiology: Synthesis of research results (A New Application of Statistical tool in Biological science). National Conference on Advance in Statistical theory and Applications-ASTA-20111. 16-18, 2011, Bangalore University. Pp 20.
54. **Suresh K.P**, Ravikiran G, Giridhar K and Sampath KT (2011). Modeling and forecasting of livestock feed resources in India using climate variables.14th Biennial conference of ANSI, 3-5th November 2011.
55. **Suresh K.P**, Raghavendra Bhatta, Ravikiran G and Sampath KT (2011). Deriving Nutritive requirement for lactating cattle in India: A Meta-analysis. 14th Biennial conference of ANSI, 3-5th November 2011.
56. Ravikiran G, **Suresh K.P**, Griridhar K and Sampath KT (2011). Modeling the contribution of cereals crops to Livestock feed resources availability in India. 14th Biennial conference of ANSI, 3-5th November 2011.

OTHER PUBLICATION

NADRES Bulletin:

1. **Suresh K P,** Rajeswari Shome, Patil S S, Jagadish Hiremath, Krishnamoorthy P, S S. Jacob, Narayanan G and Baldev R Gulati, Vet-Alert Livestock Disease Risk Forewarning Bulletin – December 2025, ICAR-NIVEDI, Bengaluru,13(11).
2. **Suresh K P**, Rajeswari Shome, Hemadri D, Patil S S, Krishnamoorthy P, Siju S J and Gulati BR. Livestock Disease Risk Forewarning Bulletin–January to December 2024, ICARNIVEDI, Bengaluru, 12(1-12)
3. **Suresh K P,** Hemadri D, Patil S S, Krishnamoorthy P and Siju S J. Livestock Disease Risk Forewarning Bulletin –January to December 2023, ICAR-NIVEDI, Bengaluru, 11(1-12)
4. **Suresh K P**, Hemadri D, Patil S S, Krishnamoorthy P, Siju S J and Shome B R. Livestock Disease Risk Forewarning Bulletin – January to December 2022, ICAR-NIVEDI, Bengaluru, 10(1-12)
5. **Suresh K P,** Divakar Hemadri, Patil S S, Krishnamoorthy P, Siju Susan Jacob and B.R. Shome. Livestock Disease Forewarning Monthly Bulletin-January to December 2021, ICAR-NIVEDI, Bengaluru, volume 9(1-12)
6. **Suresh K P,** Hemadri D, Patil S S, Krishnamoorthy P, Siju S J and Roy P (2020). Livestock Disease Forewarning Monthly Bulletin-January to December 2020, Volume 8 (1-12) ICAR-NIVEDI, Bengaluru.

Sampling Plan:

1. **Suresh K P,** Patil S S, Gulati B R, Saravanan S, Mohapatra J K, Singh R P (2025), Sampling Plan for Seromonitoring of FMD in India under Livestock Health and Disease Control Programme (LHDCP): Round- VII (2025), ICAR-NIVEDI. Bengaluru
2. **Suresh K P,** Shome R., Patil S S., Nagalingam M., Nayak S. (2025), phase-Vsampling plan for seromonitoring of brucellosis in India under National BrucellosisControl Programme.
3. **Suresh, K.P.,** Patil S. S., Hiremath, J., and Shivasharanappa, N (2025). Action Plan for Monitoring of Classical Swine Fever during implementation of Control Programme (CSF-CP) under NADCP/LH&DC, Round III (2025).
4. **Suresh K P**, Patil S S, Gulati B R, Saravanan S, Mohapatra J K and Singh R P. Sampling Plan for Serosurveillance of FMD in India under Livestock Health & Disease Control Programme (LHDCP): 2025, ICAR-NIVEDI, Bengaluru.
5. **Suresh K P**, Patil S S, Saravanan S, Mohapatra J K, Singh R P (2024), Sampling Plan for Seromonitoring of FMD in India under Livestock Health and Disease Control Programme (LHDCP): Round- VI (2024), ICAR-NIVEDI, Bengaluru.
6. **Suresh K.P,** Rajeswari Shome, Patil S S, Nagalingam M, Sujit Nayak, Anirbhan Guha (2024), Phase- IV Sampling Plan for Seromonitoring of Brucellosis in India under National Brucellosis Control Programme (LHDCP)-2024, ICAR-NIVEDI, Bengaluru.
7. **Suresh K.P,** Rajeswari Shome, Divakar Hemadri, Patil S S, Nagalingam M, Sujit Nayak (2024), Sampling Plan for Serosurveillance of Brucellosis in India under Livestock Health & Disease Control Programme (LHDCP)-2024, ICAR-NIVEDI, Bengaluru.
8. **Suresh K P,** Hemadri D, Patil S S, Saravanan S, Mohapatra J K, Singh R P (2024), Sampling Plan for Seromonitoring of FMD in India under Livestock Health and Disease Control Programme (LHDCP): Round- V (2024), ICAR-NIVEDI, Bengaluru.
9. **Suresh K P,** Hemadri D, Patil S S, Saravanan S, Mohapatra J K and Singh R P (2024), Sampling Plan for Serosurveillance of FMD in India under Livestock Health & Disease Control Programme (LHDCP): 2024, ICAR-NIVEDI, Bengaluru.
10. **Suresh, K.P.,** Patil S.S., Hemadri, D., Hegde, R., and Dharanesh, N K (2024), Sampling Plan for Serosurveillance of FMD in small Ruminants in Karnataka under National Animal Disease Control Programme (NADCP): 2024, ICAR-NIVEDI, Bengaluru.
11. **Suresh, K.P.,** Patil S. S., Hiremath, J., and Shivasharanappa, N (2024), Action Plan for Monitoring of Classical swine fever during implementation of Control Programme (CSF-CP) under NADCP/LH&DC, Sampling Plan Round II (2024).
12. **Balamurugan V,** Vinod Kumar K, Govindaraj G, Suresh K P, and Hemadri D (2023), Status Paper on Peste des petits ruminants Indian Perspective, ICAR-NIVEDI, Bengaluru.
13. **Suresh K P,** Balamurugan V, Vinod Kumar K, Govindaraj G and Hemadri D (2023), Sampling Plan for serosurveillance and seromonitoring of PPR, ICAR-NIVEDI, Bengaluru.
14. **Balamurugan V,** Suresh K P, Govindaraj G, Hemadri D and B. R. Shome (2023), Action plan for monitoring of PPR in India, ICAR-NIVEDI, Bengaluru.
15. **Suresh K.P,** Rajeswari Shome, Divakar Hemadri, Patil S S, Nagalingam M, Sujit Nayak, Anirbhan Guha (2022), Sampling Plan for Seromonitoring of Brucellosis in India under National Brucellosis Control Programme Phase-II, ICAR-NIVEDI, Bengaluru.
16. Patil S. S., **Suresh, K.P.,** Hiremath, J., Shivasharanappa, N., Sridevi, R., Narayanan, G and Chethan Kumar, H.B (2022), Action Plan for Monitoring of Classical swine fever during implementation of Control Programme (CSF-CP), ICAR-NIVEDI, Bengaluru.
17. **Suresh, K.P.,** Patil S.S., Hemadri, D., Hegde, R., Gowtham, N., and Byregowda, S. M (2022)**,** Sampling Plan for Serosurveillance of FMD in small Ruminants in Karnataka under National Animal Disease Control Programme (NADCP), ICAR-NIVEDI, Bengaluru.
18. **Suresh K P,** Hemadri D, Patil S S, Saravanan S, Mohapatra J K and Singh R P (2022), Sampling Plan for Seromonitoring of FMD in India under National Animal Disease Control Programme (NADCP): Round- III, ICAR-NIVEDI, Bengaluru.

19. **Suresh K P,** Hemadri D, Patil S S, Saravanan S, Mohapatra J K and Singh R P (2022), Sampling Plan for Serosurveillance of FMD in India under National Animal Disease Control Programme (NADCP), ICAR-NIVEDI, Bengaluru.
20. **Suresh K P.** Patil S S, D Heamdri., Saravanan S, Mohapatra J K and Singh R P (2021), Sampling Plan for Seromonitoring of FMD in India under National Animal Disease Control Programme (NADCP): Round- II, ICAR-NIVEDI, Bengaluru.
21. **Suresh K P.** Patil S S, D Heamdri., Saravanan S, Mohapatra J K and Singh R P (2021), Sampling Plan for Seromonitoring of FMD in India under National Animal Disease Control Programme (NADCP): Round- I, ICAR-NIVEDI, Bengaluru.
22. **Suresh K P,** Patil S S, Divakar Hemadri, Parmiol Roy (2020), Sampling Plan for Seromonitoring of Brucellosis in India under National Brucellosis Control Programming, ICAR-NIVEDI, Bengaluru.
23. **Suresh K P,** Balamurugan V, Govindaraj G and Parimal Roy (2020), Sampling Plan for serosurveillance and seromonitoring of PPR in India under National PPR Control Programme (National PPR Control and Eradication Strategy), ICAR-NIVEDI, Bengaluru.
24. **Suresh K P.** Patil S S, Parmial Roy, Mohapatra J K. Saravanan S and Singh R K (2019), Sampling Plan for Serosurveillance and Seromonitoring of FMD in India under National FMD Control Programme (Volume I: Serosurveillance), ICAR-NIVEDI, Bengaluru.
25. **Suresh, K.P.,** Patil S.S., Hemadri, D., Hegde, R., and Dharanesh, N K. (2024), Sampling Plan for Serosurveillance of FMD in small Ruminants in Karnataka under National Animal Disease Control Programme (NADCP): 2024, ICAR-NIVEDI, Bengaluru.

CONFERENCES ATTENDED

1. Attended World Health Summit Regional Meeting 2025, Organized by NIMS University Jaipur, India at Bharat Mandapam Pragati Maidan, New Delhi from 25 April 2025 to 27 April 2025.
2. **K.P. Suresh,** Y.B. Naveesh, Madugu Yamini, C.A. Archana, Archana V. Patil, S.S. Patil, P. Krishnamoorthy and S.J. Siju. "Investigating environmental influence and spatiotemporal patterns of H5N1 Avian Influenza outbreaks in India using machine learning" and National Scientific Convention Cum XXII NAVS convocation "Challenges and priorities for optimal production of Livestock, Poultry, Healthcare, and Nutrition of Pets" 8th to 9th March 2025.
3. Attended the "International symposium on One Health and Emerging infectious diseases" hosted by sun pharma science foundation in collaboration with NIAB on 3rd Feb 2025
4. **Suresh K.P.,** Archana C.A., Naveesh Y.B., Madugu Yamini. "Implementation of Epiflow Modeling for Anthrax Spread through Shepherd Livestock Migration in Koppal District, Karnataka" and "National Conference on Augmenting Sustainable Production, Processing and Safety of Animal-Origin Foods: Challenges and Opportunities" 21st to 23rd November 2024. **(Oral Presentation awarded third prize).**
5. **Suresh K.P.,** Naveesh Y.B., Madugu Yamini., Archana C.A., Krishnamoorthy P., Siju S.J., Patil S.S. "Impact of climatic Events on Anthrax Suitability in Indian Subcontinent" and "National Conference on Augmenting Sustainable Production, Processing and Safety of Animal-Origin Foods: Challenges and Opportunities" 21st to 23rd November 2024. **(Poster Presentation awarded third prize).**
6. P. Krishnamoorthy, M. Nagalingam, T.V. Kalyan, **K.P. Suresh,** Rajeswari Shome, V. Balamurugan and Baldev R. Gulati. "Prevalence of bovine tuberculosis in cattle and buffaloes across different regions of India: a scientometric analysis" and XX Annual Conference of the Indian Association of Veterinary Public Health Specialists (IAVPHS) and National Symposium on "Integrating One Health: Bridging the Gap at Human-Animal-Environment Interfaces" 14th – 15th November 2024. (**Oral Presentation awarded First Prize**).
7. Swati Rani and **K P Suresh** (2024). Poster presentation on "Identification of Molecular Biomarkers and Pathways for Anthrax Diagnosis and Vaccine Development: A Pooled

Microarray Analysis approach" in BactiVac 5th Annual Network Meeting at Oxford University Clinical Research Unit of Ho Chi Minh City, Vietnam.

8. Attended 4th Karnataka State Conference IAPSM KARCON 2024 has participated as delegate and delivered a talk as Resource person on the topic "Symposium-Emerging animal anthrax hotspots in and around Karnataka- need to strengthen human health preparedness" held on 20th and 21st September 2024.
9. Attended "NIMHANS Alumni Conference 2024" on 13th & 14th July 2024, organized by NIMHANS Convention Centre, Bengaluru.
10. National conference attended entitled "Expert and Stakeholders Consultation Workshop for the Development of Poultry Action Plan" at the Department of Animal Husbandry & Dairying, Govt of India, New Delhi on 29th & 30th April 2024.
11. Swati Rani and **K P Suresh** (2023). Poster presentation on "Creating a Multi-Epitope Driven Subunit Vaccine for Effective Campylobacteriosis Protection" in BactiVac 4th Annual Network Meeting at University of Birmingham, UK.
12. International Conference on "Current Technologies & Opportunities in Bioscience (CTOB-2023). Lead speaker at the College of Agriculture, Karekere, Hassan in collaboration with COMBETT Institute, Bangalore from 27th - 29th March 2023
13. XXXVth Annual Covention & National Conference of Indian Association of Veterinary Microbiologists, Immunologists & Specialists in Infectiuos Diseases on Novel Approaches in Animal Health for Realizing One Health Mission organized by Department of Veterinary Microbiology Dr.G.C.Negi College of Veterinary & Animal Sciences, CSKHPKV, Palampur, (HP) - 176062, India from 7th - 8th April 2023.
14. P. Krishnamoorthy, H. K Lakshmi, S.J.Siju, **K.P.Suresh** and B.R.Shome (2022). Prevelance of gastrointestinal parasites in sheep and goats of India by using meta-analysis. Presented in International Veterinary Pathology Congress-2022 on Global Challenges in Rapid Diagnosis and Management of Animal and Poultry Diseases for improved Health and Production.
15. P. Krishnamoorthy, H.K Lakshmi, S.J.Siju, **K.P.Suresh** and B.R.Shome (2022). Gastrointestinal parasites prevalence in Pigs of India estimated by systematic review and meta-analysis. Presented in International Veterinary Pathology Congress-2022 on Global Challenges in Rapid Diagnosis and Management of Animal and Poultry Diseases for improved Health and Production.
16. Hiremath, J., Swathi, M., **Suresh, K.P.,** Patil, S.S., Hemadri, D and Shome, R (2022). Risk based surveillance for porcine respiratory and enteric coronaviruses, presented in the International conference on Coronaviruses: Past, Present and Future held at SKUAST, Shalimar, J&K, India from 10-11, May, 2022.
17. Patil, S.S., **Suresh, K.P.,** Shueb, M., Uma Bharathi, I., Beelagi, M.S and Chandan, S (2022). Analysis of the codon usage bias and evolutionary studies of glycoprotein envelope E2 gene of seven pestiviruses. Presented in 34th Annual Convention of IAVMI and National Conference on Current Trends in Immunodiagnostics &Vaccinology for health of Livestock and Poultry, held from 27-28, May 2022 organized by LUVAS, Hisar, Haryana.
18. Madhumitha B, Swati Rani, Uma Bharathi, I, Beelagi, M.S., Patil, S.S and **Suresh, K.P** (2022) In silico identification of mutational and stability analysis of spike protein in SARS-CoV-2. Presented in 34th Annual Convention of IAVMI and National Conference on Current Trends in Immunodiagnostics &Vaccinology for health of Livestock and Poultry, held from 27-28, May 2022 organized by LUVAS, Hisar, Haryana.
19. Swati Rani, Madhumitha B, Beelagi, M.S., Uma Bharathi I, Patil, S.S and **Suresh, K.P** (2022). In-Silico Validation of Potential Phytochemicals from Acacia farnesiana as Angiotensin-Converting Enzyme Inhibitors against SARS-Cov-2 Spike Protein. Presented in 34th Annual Convention of IAVMI and National Conference on Current Trends in Immunodiagnostics &Vaccinology for health of Livestock and Poultry, held from 27-28, May 2022 organized by LUVAS, Hisar, Haryana.
20. Patil, S.S., **Suresh, K.P**., Nayakavadi, S., Hiremath, J., Velankar, A., Channappagouda, S., Hemadri, D and Bibek Shome (2022). SEROPOSITIVITY OF INFECTIOUS BOVINE RHINOTRACHEITIS IN INDIA. Presented in International Conference on Advances in Agriculture & Food System Towards Sustainable Development Goals Jointly organized by

UAS, Bengaluru, All India Agricultural Students Association (AIASA), New Delhi and ICAR, New Delhi at UAS, Bengaluru from 22-24, August, 2022.

21. Nayak, A., **Suresh, K.P**., Patil, S.S and Dhanze, H (2022). Prevalence of brucellosis in livestock of african and asian continent: a systematic review and meta-analysis. Presented in International Conference on Advances in Agriculture & Food System towards Sustainable Development Goals Jointly organized by UAS, Bengaluru, All India Agricultural Students Association (AIASA), New Delhi and ICAR, New Delhi at UAS, Bengaluru from 22-24, August, 2022.
22. Patil, S.S., **Suresh, K.P**., Sathish Gowda, C.S., Narayanan, G., Velankar, A., Jacob, S.S., Nayakvadi, S and Jagadish Hiremath (2022). Seropositivity of Infectious Bovine Rhinotracheitis (IBR) in Indian Buffaloes. Presented in 7th International Conference on Opportunities and Challenges in Agriculture, Environmental & Biosciences for Global Development (OCAEBGD-2022) jointly organized by Don Bosco College of Agriculture, Goa, Agro Environmental Development Society (AEDS), Rampur, UP, College of Horticulture and Forestry, CAU, Pasighat, Arunachal Pradesh, School of Environment and Sustainable Development, Central University of Gujarat, Gandhinagar, Gujarat held at Conference Hall, St Joseph Vaz Spiritual Renewal Center Cruz Milagres, Old Goa, Goa from 29-31, October, 2022.
23. Sathish Gowda, C.S., Narayanan, G, Patil, S.S., **Suresh, K.P** and Govindaraj, G (2022). Economic Impact Assessment of Bluetongue Disease in Sheep: A Study in Karnataka. Presented in 7th International Conference on Opportunities and Challenges in Agriculture, Environmental & Biosciences for Global Development (OCAEBGD-2022) jointly organized by Don Bosco College of Agriculture, Goa, Agro Environmental Development Society (AEDS), Rampur, UP, College of Horticulture and Forestry, CAU, Pasighat, Arunachal Pradesh, School of Environment and Sustainable Development, Central University of Gujarat, Gandhinagar, Gujarat held at Conference Hall, St Joseph Vaz Spiritual Renewal Center Cruz Milagres, Old Goa, Goa from 29-31, October, 2022.
24. Narayanan, G., Sathish Gowda, C.S., Patil, S.S., **Suresh, K.P** and Govindaraj, G (2022). Animal Disease Control and Prevention: Biosecurity Preparedness Index to Implement OnFarm Biosecurity Practices for Maintaining Disease Free Livestock. Presented in 7th International Conference on Opportunities and Challenges in Agriculture, Environmental & Biosciences for Global Development (OCAEBGD-2022) jointly organized by Don Bosco College of Agriculture, Goa, Agro Environmental Development Society (AEDS), Rampur, UP, College of Horticulture and Forestry, CAU, Pasighat, Arunachal Pradesh, School of Environment and Sustainable Development, Central University of Gujarat, Gandhinagar, Gujarat held at Conference Hall, St Joseph Vaz Spiritual Renewal Center Cruz Milagres, Old Goa, Goa from 29-31, October, 2022.
25. Chandrashekar, S, Kollur, S.P., Shivamallu, C., Sathish Gowda, C.S., **Suresh K.P** and Patil, S.S (2022). Evaluating the Codon Usage Metrics and Phylogeographic reconstruction of Tomato yellow leaf curl virus (TYLCV) in different regions of Asian countries. Presented in 7th International Conference on Opportunities and Challenges in Agriculture, Environmental & Biosciences for Global Development (OCAEBGD-2022) jointly organized by Don Bosco College of Agriculture, Goa, Agro Environmental Development Society (AEDS), Rampur, UP, College of Horticulture and Forestry, CAU, Pasighat, Arunachal Pradesh, School of Environment and Sustainable Development, Central University of Gujarat, Gandhinagar, Gujarat held at Conference Hall, St Joseph Vaz Spiritual Renewal Center Cruz Milagres, Old Goa, Goa from 29-31, October, 2022.
26. Patil, S.S., Indrabalan, U.B., Shome, B.R., Nayakvadi, S. and **Suresh, K.P** (2022). Analysing the variations in codon usage patterns in the novel OXA-48 gene of Klebsiella pneumonia. Presented in International Symposium on 'Zoonotic and Transboundary Diseases: Breaking the Chain through Multidisciplinary Approach' organized by ICAR RC NEH Region, IAVPHS and ICAR, New Delhi at ICAR RC NEH Umiam, Meghalaya from 1-2 December, 2022.
27. Indrabalan, U.B., Beelagi, M.S., **Suresh, K.P**., Subramaniam, S., Shome, B.R. and Patil, S.S (2022). An Integrated Approach to Analyzing the Codon Usage Bias and Deciphering Evolutionary Dynamics of West Nile virus Disease in Various Continents: A Comparative

Study. Presented in International Symposium on 'Zoonotic and Transboundary Diseases: Breaking the Chain through Multidisciplinary Approach' organized by ICAR RC NEH Region, IAVPHS and ICAR, New Delhi at ICAR RC NEH Umiam, Meghalaya from 1-2 December, 2022.

28. Hiremath, J, B., Swathi, M., **Suresh, K.P.,** Chethan Kumar, H.B., Patil, S.S., Hemadri, D., Yogisharadhya, R., Nayakvadi, S and Shome, B.R (2022). Surveillance for Porcine Respiratory/Corona enteric viruses. Presented in International Symposium on 'Zoonotic and Transboundary Diseases: Breaking the Chain through Multidisciplinary Approach' organized by ICAR RC NEH Region, IAVPHS and ICAR, New Delhi at ICAR RC NEH Umiam, Meghalaya from 1-2 December, 2022.
29. Krishnamoorthy P, Sudhagar S, Siju SJ, **Suresh KP** and Shome BR. 2019. Spatial and temporal distribution analysis of dairy cattle ticks in Karnataka state, India. In: National congress of Veterinary Parasitology and XXVIII National symposium on Novel technologies and strategies for sustainable control of parasitic diseases of livestock, poultry and public health significance. 28-30th January 2019 at College of Veterinary Science, Tirupati, Andhra Pradesh. pp. 46.
30. Krishnamoorthy P, Sudhagar S, Siju SJ, **Suresh K.P** and Shome BR. (2019). Spatial and temporal distribution analysis of dairy cattle ticks in Kerala state, India. In National congress of Veterinary Parasitology held at College of Veterinary Science, Tirupati, Andhra Pradesh from 28-30th January 2019. Pp.46-47.
31. Dheeraj R, Rashmi R. Kurli, P.P. Sengupta, Siju Susan Jacob, C. P. Swarnkar, D. Singh, **K.P. Suresh** 2019. Suitability risk analysis of gastrointestinal parasitic disease-Haemonchosis in Rajasthan, India: "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 College of Veterinary Sciences, Tirupati, Andhra Pradesh from 28th to 30th January, 2019.
32. Rashmi R. Kurli, Dheeraj R, Siju Susan Jacob, P.Krishnamoorthy, D.Hemadri, **K.P. Suresh** 2019. Suitability risk analysis of Bluetongue in Karnataka, a Southern state of India.In: "XIV Agricultural Science Congress at New Delhi from February 20-23, 2019 on the theme "Innovations for Agricultural Transformation".
33. Attended national farmer's science congress-2018 on "Grassroots Innovations in farm production, value chain integration and market linkage for doubling farmers income organized by Bihar Agriculture University during 5th -7th May, 2018.
34. Krishnamoorthy P, Kanani A, Shah N, Shome BR, **Suresh KP** and Roy P. 2018. Spatial and temporal epidemiological analysis of ten livestock diseases of Gujarat state, India. In: Veterinary Pathology Congress 2018 and XXXV National symposium on Recent advances in Veterinary pathology and disease diagnosis for sustainable livestock and poultry production. 22-24th October 2018 at College of Veterinary Science and Animal Husbandry, Sardarkrushinagar, Gujarat, India. pp: 178.
35. Attended training program on "Innovation and Creativity through Knowledge Management" on 6th to 10th August, 2018 at Ooty, TN.
36. Attended Ten- day training programme on "Crop Improvement Data Analysis and its Interpretation" at the dept. of Genetics and plant breeding, UAS, GKVK, Bengaluru during 9th-18th October, 2018.
37. Attended "XIV Agricultural Science Congress at New Delhi from February 20-23, 2019 on the theme "Innovations for Agricultural Transformation" and presented posters entitled "Spatial Risk modelling of Haemorrhagic Septicaemia in Maharashtra state, India" and "Suitability risk analysis of Bluetongue in Karnataka".
38. Attended Commonwealth conference at NAINP, Audugodi conducted during 3-7, March 2019. Presented a poster entitled "Impact of Climate On Disease Dynamics of Anthrax and Forecasting Disease Outbreak in Karnataka" and an Oral Presentation on "A Spatial Risk Analysis and Prediction Modelling of Foot and Mouth Disease outbreaks in Karnataka, India".

TALKS DELIVERED AND SCIENTIFIC SEMINAR ATTENDED

1. Delivered a talk on “Workshop on Navigating Research Landscapes: Methodologies and Ethics” conducted by JSS Medical College, Mysuru, on 28th February 2025
2. Delivered a talk on “Research methodology, Disease Modeling and Meta-analysis in Mental Health” conducted by Dharwad Institute of Mental Health and Neurosciences (DIMHANS), Dharwad, on 24th February 2025.
3. Delivered Lecture on “Disease Mapping using QGIS and R, Hot Spot mapping using SATSCAN and R" on 13th February 2024 organized by ICAR-NIVEDI, Bengaluru
4. Delivered guest Lecture “Sampling Techniques, Sample Size Estimation & Sampling Plan” on 08th February 2024, organized by ICAR-NIVEDI, Bengaluru.
5. Attended Seminar on "Statistical Tools for Research" as a Resource Person to STC on Research Methodology on 20th January 2024, organized by MMTTC, Bangalore University, Bengaluru.
6. Delivered Lecture on “Applications of Big Data Analysis in Agriculture through the integration of Artificial Intelligence & Machine Learning” on 20th Jan 2024, organized by University of Agricultural Sciences, UAS, Dharwad, College of Agriculture, Karnataka.
7. Lecture delivered on "Disease Mapping using QGIS and R, Hot Spot mapping using SATSCAN and R" organized by ICAR-NIVEDI on 13th Feb 2024.
8. Invited talk on emergence and spread of trans-boundary animal diseases in india: mitigation strategies by XXXVth Annual Convention and National Conference of IAVMICON-23 on April 7 -8, 2023, Organized by Department of Veterinary Microbiology Dr. G.C. Negi College of Veterinary and Animal Sciences, CSKHPKV, Palampur, (HP)-176062, India
9. Invited talk on Climatic Risk Assessment and Early Warning Systems for Transboundary and Emerging Infectious Animal Diseases at International Satellite Symposium of VIROCON Brainstorming workshop on Transboundary and Emerging Infectious Zoonotic diseases of Livestock including Wildlife: Perspective and preparedness, February 16 2023
10. Design Technologies for Productivity Increase among Livestock presented by Dr.M.L.Madan, Padma Shri Awardee DDG (AS), ICAR; Vice Chancellor, DUVASU, Mathura & PDKV, Akola on 20 July 2022
11. Use of Modern Technology in Managing Human Wild Life Conflict by College of Veterinary Science in Assam on 14 July 2022
12. Online Lecture on "IPR Awareness Program" by "National Intellectual Property Awareness Mission (NIPAM)" of The Patent Office, Kolkata under the aegis of Azadi ka Amrit Mahotsav (AKAM) in association with ICAR-NIVEDI, Bengaluru on 12 July 2022
13. Attended Genome Editing in Vegetable Crops for Improvement of Quality & Stress Tolerance hosted by ICAR-IIVR, Varanasi 26 April 2022
14. Delivered a talk (Virtual) on “Modern epidemiological tools in disease investigation and their application” conducted by Dept. of veterinary microbiology college of veterinary sciences and animal husbandry central agricultural university, Mizoram, on 23rd September 2021.
15. Delivered a talk (Virtual) on “Artificial intelligence for livestock disease forewarning and NADRES” conducted by KVASU, Kerala on 21st September 2021.
16. Delivered a Lecture on “Role of Bio-Statistics in Research” on 5th January, 2019 at ICAR-NIVEDI, Bangalore.
17. Invited as expertise by RARS, ANGRAU, Tirupati to deliver a lecture on “Use of weather information for pest and disease forewarning” from 3rd to 5th December, 2018
18. Invited by ICAR-IIHR Bangalore as an invitee for a lecture on “Livestock disease modeling” in ICAR sponsored short course Training of “ICTs for Improving Efficiency and Effectiveness in Agricultural Research, Education and Extension of NARES on 15th, November, 2018
19. Invited to deliver a lecture in ICAR Sponsored short course “An update of molecular and advanced approaches for diagnosis of parasitic diseases in animals” on the topic “Sampling frame and sampling plan for disease surveillance” on 11th, January, 2019
20. Delivered a lecture on “Role of Biostatistics in Research” on 1st may, 2018 at ICAR-NIVEDI
21. Delivered the lecture on “Sampling frame and sampling plan for disease surveillance”, “Statistical analysis of results” and “Meta-analysis of disease prevalence” from 2-11th, 2019

in ICAR Sponsored short course “An update of molecular and advanced approaches for diagnosis of parasitic diseases in animals” held at ICAR-NIVEDI, Bengaluru

22. Invited as a Resource person to 58th Orientation Programme held from 3-31st, December, 2018 at UGC- Human Resource Development Centre, Bangalore University on the topic “Data analysis using online software”.
23. Invited as a resource person and delivered a lecture on “Research methodology and Biostatistics for generating quality data in model building” in the workshop on Application of Bioinformatics and Biostatistics in Agriculture Research HELD FROM 1ST TO 5TH March, 2018 organized by University of Horticultural sciences, Shivamogga.
24. Provided the training for faculty under Faculty Development Program for Biotechnology and Biochemistry Faculties related to the field of “Statistical tools in Research and Data Analysis in life science” at REVA University on 8th, December, 2019
25. Provided the lecture on Two stage sampling plan in the ILRI Training from 3rd – 5th, December, 2018.
26. Conducted training program and delivered the lectures on sampling plan and biostatistics in SAARC Agriculture Centre (SAC) training on “Animal disease informatics and Biostatistics” held at ICAR- NIVEDI, Bangalore from 3-8 May, 2018.
27. Training delivered on," Sampling techniques and data analysis using GIS", at Assam Agricultural University from 2- 4 March, 2017.
28. Attended workshop on, “Surveillance & outbreak investigations for veterinarians", at Nagpur Veterinary College 7-11 November, 2016.
29. Delivered talk on “Recent Methodology in Biostatistics” at workshop organized by MS Ramaiah Medical College, Bangalore on 23.7.2006.
30. Delivered talk on “Basics of Biostatistics” at workshop organized by Association of Physicians of India (API) Bhavan, Bangalore on 10.10.2006.
31. Delivered talk on “Basics of Biostatistics” at seminar organized by Vitala International Institute of Ophthalmology, Bangalore 10.02.2007.
32. Delivered talk on Introduction to Biostatistics and Research methodology at Lotus Clinical Research Academy Pvt. Limited, Bangalore on 14.6.2007.
33. Delivered talk on “Statistics on Immunodiagnostics” at workshop conducted by CHANRE, Bangalore; June 15, 2008.
34. Delivered talk on “Research methodology and Biostatistics” at workshop conducted by Jain college, Bangalore on August 8, 2008.
35. Delivered talk on “Data management and Biostatistics” at Workshop conducted by NIANP, Bangalore from 12-13th December 2008.
36. Delivered talk on “Research Methodology and Biostatistics” at Workshop conducted by Journal of Human Reproduction Science, Bangalore on 20-21 June, 2009.
37. Delivered talk on “Basics of Biostatistics” at workshop conducted by RECOUP Neuromusculoskeletal Rehabilitation Centre, Bangalore on 22-23 August 2009.
38. Delivered talk on “Research Methodology. Data Management and Biostatistics” at workshop conducted by NIANP, Bangalore from 8-9th January 2010.
39. Delivered talk on Role of statistics in Education, research and Industry at Seshadripuram College, on 20.3.2010 for the benefit of undergraduate students.
40. Attended national seminar on Animal Biotechnology organized by NIANP, Bangalore on November 2007.
41. Attended the seminar on “Clinical research and modalities” held at Hotel Atria, organized by Association of Contract Research Organizations on 30th June 2007.
42. Delivered talk on “Role of Biostatistics in Education, Research and Industry” at Seminar on conducted by Department of Physical sciences of Government Science College, Bangalore University, Bangalore on 19th October 2010.
43. Delivered talk on “Practical application of statistics in Medicine” at workshop conducted by Institute of Nephro-Urology, Victoria Hospital, Bangalore on 6th February 2011.
44. Delivered talk on, "Research Methodology, Data Management and Biostatistics”, at the training conducted by NIANP on 10-11th December 2010.

45. Delivered talk on "Research Methodology, Data Management and Biostatistics" at the workshop on "Clinical Research Methods" conducted by Department of Food Science and Nutrition, Mysore University, Mysore on 21-22 February, 2011.
46. Delivered talk on "Correlation, Regression, GLM and Mixed models using SAS" conducted by Department of Agricultural Statistics, GKVK, University of Agricultural Sciences, Bangalore on 8-13, November 2010, 13–18 December 2010 and 17-22 January 2011.
47. Presented abstract on "Meta-analysis in Animal Nutrition and Physiology: Synthesizing Research results (New Application of Statistical tools in Animal Sciences)" at Conference on National Priorities on Agricultural Priorities and Informatics ,23-24, December, 2010 at IASRI, New Delhi.
48. Delivered talk on "Biostatistical Tools in Monitoring Dairy trade. Winter school on Advances in Dairy Production, NDRI (SRS), 22 Nov -14 Dec 2010.
49. Delivered talk on "The Potential and Utility of software in the design of experiments for Biological research", at Seminar conducted by All India Pharmacy Teachers Association of India (ATPI), JN Medical College, KLE University, Belgaum, Karnataka on 8th January 2011.
50. Delivered talk on "Sample Size determination for clinical Studies" at Seminar organized by National Institute of Unani Medicine, NIUM, Bangalore on 10th March 2011.
51. Delivered talk on "Sample Size estimation and Synopsis writing" at seminar organized by Government Ayurvedic Medical College, Bangalore on 31st March 2011.
52. Delivered talk on "Meta-analysis in Animal Physiology: Synthesizing Research Results (New Application of Statistical tools in Animal Sciences) at Winter School on Functional Genomic Approaches for Enhancing Fertility on Livestock from 22nd November to 12th December 2011.
53. Delivered talk on, "Research Methodology, Data Management and Biostatistics" at the training conducted by NIANP on 9-10th December 2011.
54. Delivered talk on "Role statistics in Education, research and industry" at Brindhavan College, Bangalore on 14.1.2012
55. Delivered talk on "Research Methodology and Biostatistics" at Pre-workshop of ISAR, 17th National Conference on 1st March 2012.
56. Delivered talk on "Research methods and Biostatistics" in the workshop conducted by Karnataka State Open University on 31-3-2012.
57. Delivered talk on "Base SAS for application of Genomic data analysis" in the training program conducted by Department of Statistics, GKVK, Bangalore on 13-18, February 2012.
58. Delivered talk on "Correlation, Regression, GLM and Mixed models using SAS" conducted by Department of Agricultural Statistics, GKVK, University of Agricultural Sciences, Bangalore in August 2011.
59. Delivered talk on "Research methodology and Biostatistics" at the training conducted by Columbia Asia Hospital on 12th 2012.
60. Delivered talk on "Base SAS and data preparation" at training organized by department of statistics, GKVK, Bangalore on 13-18 February 2012, under the NIAP project "Strengthening statistical computing for NARS".
61. Delivered talk on "relevant theme on statistics" at the Regional Science & Planetarium Calicut on National Statistics Day (29th June 2023).
62. Delivered a lecture on "Research Methodology and Biostatics" at National Institute of Unani Medicine on 11th -16th September, 2023.
63. Delivered guest lecture on "Introduction & Applications of Big Data Analysis in Agriculture through the integration of AI & ML" on 2901-2024 at UAS, Dharwad, Karnataka.
64. Attend the National Symposium on " Animal virus, vaccines and immunity' (AVVI 2024) on 09-11 Feb 2024 at IVSAH, SOA Bhubaneswar and presented on "Application of AI and ML in animal disease surveillance"
65. Panel member for a panel discussion on One Health Approach to Zoonoses and Vector Borne Diseases at the One Health Winter Symposium 2024 conducted from 1st-3rd February 2024 at CMC, Vellore.

PERSONAL INFORMATION

FULL NAME	Kuralayanapalya Puttahonnappa Suresh
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