

CURRICULUM-VITAE

Dr. HITESHWAR SINGH YADAV

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Career Objectives:

To utilize and share the knowledge acquired during my education, for the sake and welfare of animals and humans in order to support some part in national economic development and to enhance my personal and professional skills and work towards achieving the goal of the organization.

Academic Qualification:

Qualification	School/College/University/Board	Year of Passing	Grade point / %	Division
10 th class	Modern Public School, Bhiwadi, Alwar (RAJ)	2006	82.20%	I
12 th class	Modern Public School, Bhiwadi, Alwar (RAJ)	2008	77.20%	I
B.V.Sc. & A.H.	College of Veterinary and Animal Science, Bikaner	2015	7.03	I
M.V.Sc in Veterinary Pathology	College of Veterinary and Animal Science, Bikaner	2018	8.86	I
PhD in Veterinary Pathology	Indian Veterinary Research Institute, Izatnagar, Bareilly, U.P., India	2023	8.022	I
NET Qualified (Veterinary Pathology)	Agricultural Scientists Recruitment Board	2021	-	

Strength:

- Ability to interact with different types of people.
- Punctuality of time and regularity of work.
- Dedication to reach the goal.

PROFESSIONAL SKILLS

- 1- Teaching students of B.V.Sc & A.H, M.V.Sc and AHDP
- 2- Treating animals for different diseases.
- 3- Assisted in surgical procedure for large & small animals.
- 4- Post-mortem of large & small animals.
- 5- Diagnosis of various diseases by histopathological examination in laboratory.
- 6- Knowledge of molecular biology techniques, PCR, Cloning, Expression, SDS-Page, Western Blotting, Protein Bulk Production, IHC

PROFESSIONAL MEMBERSHIPS

- Registered Veterinary Practitioner under Veterinary Council of India.
- Life member of Indian Association of Veterinary Pathologists (IAVP)
- Life member of Indian Society for Advancement of Canine Practice
- Life member of Agricultural Technology Development Society

WORK EXPERIENCE:

- Worked as Vice president, Central student union office of Rajasthan University of Veterinary and Animal Sciences, Bikaner.
- Six months compulsory internship programme attended at different locations of Bikaner & Jaipur, Rajasthan.
- Worked as M.V.Sc. scholar in Pathology department, CVAS, Bikaner (Urinary System of Buffaloes).
- 1 Year and 4 months of work experience as Teaching Associate in CVAS, Navania, Udaipur (RAJUVAS, Bikaner).
- Worked as PhD scholar in Pathology division, Indian Veterinary Research Institute, Bareilly (Retroviruses of Small Ruminants).
- Working as JRF in SERB-DST funded research project titled "Molecular characterization of small ruminant lentiviruses (SRL Vs) and development of multiple antigenic construct based diagnostics for SRL Vs using computational biology tools" at Division of Pathology, ICAR-IVRI, Izatnagar

Particulars of Prizes, medals, Scholarships, etc. in Academic field

A. Scholarships-

1. Scholarship during Master's degree
2. ICAR- IVRI SRF during PhD degree program

B. Medals-

1. Vice Chancellor's gold medal in Master's degree

C. Prizes-

1. Received Young Scientist Award -2023 during the Veterinary Pathology Congress-2023.
2. Received Young Scientist Award -2023 in 6th International conference (Strategies and Challenges in Agricultural and Life Sciences for Food Security and Sustainable Environment).
3. Received Molecular Oncology Young Scientist Award -2024 during the Veterinary Pathology Congress-2024.
4. Received 2nd Prize in poster competition in one day International Webinar entitled Pathology for one health organized by local chapter of Indian Association of Veterinary Pathologists
5. Received 3rd Prize in oral presentation competition in one day International Webinar entitled Pathology for one health organized by local chapter of Indian Association of Veterinary Pathologists
6. 1st Prize in All India Monthly Article Writing organized by E-pashupalan

List of Publications

A) Research Articles:

1. **Hiteshwar Singh Yadav**, Indu Vyas, Hemant Dadhich, Manisha Mathur, Rupali Shringi and Shiv Kumar Sharma. 2019. Histopathological studies on glomerulonephritis in buffaloes. *Veterinary Practitioner*, Vol. 20 No. 1 Page No. 29-30.
2. **Hiteshwar Singh Yadav**, Shiv Kumar Sharma, Naresh Singh Kuntal, Peer Rayees Aziz and Shantanu Kumar Kuldeep. 2019. A study on babesiosis in HF cattle. *Journal of Entomology and Zoology Studies*. 7(3): 624-626
3. Naresh Singh Kuntal, Shiv Kumar Sharma, **Hiteshwar Singh Yadav**, Shantanu Kumar Kuldeep and Peer Rayees Aziz. 2019. Diagnostico-therapeutic management of theileriosis affected cross-bred cattle. *Journal of Entomology and Zoology Studies*. 7(3): 510-512
4. Sunita Meena, G. C. Gahlot, U. Pannu, Durga Devi, Hemlata Chouhan, M. Ashraf and **Hiteshwar Singh Yadav**. 2019. Polymorphisms in Exon-1 and Partial Intron-1 of Growth Hormone Gene and its Association with Body Weight Traits in Broiler. *International Journal of Livestock Research*. 9(4): 114-119.
5. Peer Rayees Aziz, Shiv Kumar Sharma, Shantanu Kumar Kuldeep, **Hiteshwar Singh Yadav** and Naresh Kuntal. 2019. Hemato-biochemical and electrolyte alterations in a flock of goats affected with peste des petits ruminants. *The Pharma Innovation Journal*. 8(4): 318-321

6. Shweta Valecha, N. Roopa, **Hiteswar Singh Yadav**, Rajendra Singh, Vidya Singh and Pawan Kumar. 2023. Co-infection of maedi visna virus (MVV) with jaagsiekte sheep retrovirus (JSRV) and mycoplasma in Indian sheep and goats. *Indian J. Vet. Pathol.*, 47(1) : 13-17.
7. **Hiteswar Singh Yadav**, Neha, Vinay Kumar S.D., Chandra Pratap Singh, Chandrakanta Jana, Vidya Singh and Pawan Kumar. 2023. Mixed infection of ovine pulmonary adenocarcinoma and maedi in sheep – A case study. *Indian Journal of Veterinary Pathology*. Accepted for Publication on 10.08.2023, IJVP 1660.
8. Chandra Pratap Singh, Vinay Kumar S.D., **Hiteswar Singh Yadav**, Neha, S. Babu, Pawan Kumar and Vidya Singh. 2023. A case of Paratuberculosis (Johne's disease) in Vrindavani cattle. *Indian Journal of Veterinary Pathology*. Accepted for Publication on 17.04.2023. IJVP-1639.
9. **Hiteswar Singh Yadav**, Hemant Dadhich, Manisha Mathur, Manisha Mehra, Shesh Asopa and Indu Vyas. 2024. Histopathological findings of lower urinary tract affections in buffaloes. *International Journal of Veterinary Sciences and Animal Husbandry*. 9(1):411-414. DOI: <https://doi.org/10.22271/veterinary.2024.v9.i1f.904>
10. **Hiteswar Singh Yadav**, Hemant Dadhich, Manisha Mathur, Manisha Mehra, Shesh Asopa and Indu Vyas. 2024. Occurrence and pathology of renal lesions in buffaloes. *International Journal of Veterinary Sciences and Animal Husbandry*. 9(1):415-422. DOI: <https://doi.org/10.22271/veterinary.2024.v9.i1f.907>
11. **Hiteswar Singh Yadav**, Neha, Vinay Kumar SD, Vidya Singh and Pawan Kumar. 2024. Detection of Maedi Visna Virus (MVV) in milk samples of Indian goats. *International Journal of Advanced Biochemistry Research*. 8(1S):143-145. DOI: <https://doi.org/10.33545/26174693.2024.v8.i1Sc.356>
12. **Hiteswar Singh Yadav**, Neha, Vinay Kumar SD, Diwakar Singh Rana, CP Singh, Vidya Singh and Pawan Kumar. 2024. A study on co-infection of bovine parainfluenza 3 virus (BPI3V) and bovine respiratory syncytial virus (BRSV) in cattle. *International Journal of Advanced Biochemistry Research*. 8(1S): 636-639. DOI: <https://doi.org/10.33545/26174693.2024.v8.i1Si.385>
13. Shobha Burdak, Indu Vyas, Hemant Dadhich, Shesh Asopa, Manisha Mehra, **Hiteswar Singh Yadav** and Nikhil Pal Bajia. 2024. Pathological Studies on Granulomatous Nephritis in Pig. *Biological Forum – An International Journal*. 16(1): 79-81
14. Valecha, S., **Yadav, H. S.**, Roopa, N., Vinaykumar, S. D., Bhardwaj, M., Singh, V., & Kumar, P. 2024. Distribution of maedi-visna virus in different organs of the spontaneously affected small ruminants in India. *Iranian Journal of Veterinary*

B. Review articles-

1. Shantanu Kumar Kuldeep, Sandhya Morwal, Deepika Goklaney, Sunita Meena, Naresh Singh Kuntal and **Hiteshwar Singh Yadav**. 2019. Blood transfusion in veterinary clinical practice: A review. *Journal of Entomology and Zoology Studies*. 7(1): 1459-1461.
2. Dinesh, Jigarji C. Thakor, **Hiteshwar Singh Yadav**, R. Manikandan, S. Anbazhagan, E. Kalaiselvan, R. Pradeep, Rajpal Shesherao Khillare and Monalisa Sahoo. 2020. Capture Myopathy: An Important Non-infectious Disease of Wild Animals M. *International Journal of Current Microbiology and Applied Sciences*. 9(4): 952-962

C. Book chapters-

1. **Hiteshwar Singh Yadav** & Neha. 2024. Pathology of Diseases in Wildlife. Exploring the Veterinary Science: Insights & Innovations. 2: 310-319.
2. Vidya Singh, Charan Pratap Singh, Hiteshwar Singh, Neha, Vinay Kumar, Sourabh Babu, T. Yasotha, Pawan Kumar and Asok Kumar. 2022. Immunohistochemistry and Its Application in Research and Diagnosis. *Modern Immunological Techniques for Research in Life Science*. **19**: 151-156.
3. Pawan Kumar, Neha, **Hiteshwar Singh Yadav**, Vinay Kumar S.D., Monika Bhardwaj, Vidya Singh. 2023. Collection, transportation and processing of clinical samples for detection of viral pathogens. *Advanced Virological Techniques for Research in Life Science*. **4**:18-22.
4. Vidya Singh, Pawan Kumar, Yasotha T, Asok Kumar, Vinay Kumar S D, **Hiteshwar Singh Yadav**, Neha, Avantika Srivastav, Sreelakshmi P. 2023. Immunolocalization of antigen in tissue for differential diagnosis of animal diseases. *Advanced Virological Techniques for Research in Life Science*. **13**:61-68.

D. Popular articles-

1. **Hiteshwar Singh Yadav**. 2021. Role of extracellular vesicles (EVs) in viral transmission. *RAJUVAS E- Bulletin*. Volume II. MAY 2021. ISSUE: 3.
2. **Hiteshwar Singh Yadav**, Neha, Diwakar Singh Rana, Vinay Kumar S.D., Vidya Singh and Pawan Kumar. 2023. HEPA Filters and their Uses. *Agrospheres: e- Newsletter*. **4**(12): 51-52.
3. **Hiteshwar Singh Yadav**, Neha, M. Dinesh, Jigarji C. Thakor and Pawan Kumar. 2023. Importance of Ecotoxicological Field Investigation. *Sunshine Agriculture: e- Newsletter*. **3**(12): 40-41

4. Neha, **Hiteshwar Singh Yadav**, Diwakar Singh Rana, Vinay Kumar SD, Pawan Kumar and Vidya Singh. 2024. Milk Fever in Dairy Cattle. *Agrospheres: e- Newsletter*. **5**(1): 17-19.
5. Dinesh M, Diptimayee Sahoo, Jigarji C Thakor, **Hiteshwar Singh Yadav**, Manikandan R, Muthukumar A, Pradeep R and Keerthana J. 2020. Importance of artificial light in layer performance. *Poultry Manch*. **6**(7): 47-50.
6. Jigarji C Thakor, Dinesh M, Hiteshwar Singh Yadav, Manikandan R, Keerthana J. Muthukumar A and Pradeep R. 2020. Fatty liver haemorrhagic syndrome (FLHS) in poultry. *Poultry Punch*. **36**(11): 80-82.
7. Dinesh.M, Diptimayee Sahoo, Jigarji C Thakor, **Hiteshwar Singh Yadav**, Manikandan.R, Keerthana.J, Muthukumar.A, Pradeep.R and Monalisa Sahoo. 2020. A1 and A2 Milk: Truth vs Hype. *LAB 2 LAND*. **3**(1): 6-13.
8. Manikandan.R, Dinesh.M, Jigarji C Thakor, **Hiteshwar Singh Yadav**, Kalaiselvan.E, and Pradeep.R. Vibriosis: A Potential Hidden Disease in Animals. 2020. *Livestock Line*. **14**(5): 32-35.
9. Dr. Dinesh. M, Dr. Jigarji C Thakor, **Dr. Hiteshwar Singh Yadav**, Dr. Manikandan. R, Dr. Bindu. S and Dr. Monalisa Sahoo. 2021. Zoonotic importance of *Streptococcus suis* and its public health significance. *E-PASHUPALAN*. **2**(2): 1-9

Professional trainings attended

1. “Advances in Diagnosis and Medical Management of Farm Animal Diseases” organized by Department of Veterinary Clinical Medicine. Post Graduate Institute of Veterinary and Animal Sciences, Akola, Maharashtra, India during 25th Nov to 1st Dec, 2020.
2. “Advances in Clinico-pathological Diagnosis of Farm Animals Diseases: A Radical Approach in Doubling Farmers’ Income” organized by Department of Veterinary Pathology, College of Veterinary Science & A.H., Rewa (M.P.), India from 05th - 25th February, 2021.
3. “Investigative Approaches for Animal Disease Diagnosis” from 25th to 27th May, 2021 under National Agricultural Higher Education Project-Innovation Grant, organized by Bihar Animal Sciences University, Patna.
4. “Advanced Rapid Diagnostic Techniques for Infectious Diseases” organized under ICAR-NAHEP-CAAST Project entitled “Centre of Excellence for Advanced Research on Animal Food Safety” held during 7th - 15th September, 2023 at Dept. of VPH, MVC, Parel, Mumbai- 400012.
5. Skill development programme on “Good Laboratory Practices in R&D Laboratories” Organized during 10th to 19th October, 2023 at Facility for Research & Training on

Bioassays and Biosensors (Centre for Skill Development), Division of Veterinary
Biotechnology, ICAR-Indian Veterinary Research Institute (Deemed University),
Izatnagar (U.P.), India

Personal details:

- Name: : Hiteshwar Singh Yadav
- Father's Name: : Rajender Singh Yadav
- Mother's Name : Suresh Yadav
- Date of birth : 26th December, 1991
- Marital Status : Single
- Nationality : Indian
- Language Known : English and Hindi.
- Hobbies : Travelling, Reading Novels & Listening Music

Declaration:

I hereby declare that the facts enclosed above are true to my knowledge which I have mentioned for your kind consideration. Please consider my application.

Date: 26/09/2025

Place: Sikar

(Dr. Hiteshwar Singh Yadav)