



**Dr. Fulsundar Rohan Diwakar**  
(Veterinary Pathologist)

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**Date of Birth:** 7<sup>th</sup> July 1999

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## Profile

Postgraduate scholar (MVSc) in Veterinary Pathology with hands-on experience in various pathological and microbiological techniques.

## Education

Certificate/ Degree	School [Board]/ University	Month/Year	Percentage/CGPA
Master of Veterinary Science in Pathology	Maharashtra Animal and Fishery Sciences University, Nagpur, India	March 2026	Thesis submitted
Post Graduate Diploma in Animal Welfare	Indira Gandhi National Open University	Feb 2026	Result declared
Bachelor of Veterinary Science and Animal Husbandry (BVSc and A.H)	Maharashtra Animal and Fishery Sciences University, Nagpur, India	2023	CGPA: 7.854 /10 First Division
Higher Secondary School Certificate	Shri Rajarshi Shahu Jr. Science College, Latur-413512, Maharashtra	2017	79.85 %
Secondary School Certificate	Shri Sant Namdev Vidyalaya, Latur, Maharashtra	2015	96.20 %

## Skills

- Good knowledge of small and large animal pathology
- Good experience in small as well as large animal practice, animal handling and sample collection
- Pathology – Expertise in gross examination and necropsy of large and small animals, histopathology, clinical pathology and clinical biochemistry.
- Molecular techniques – PCR, RT-PCR, qPCR, Elisa, DNA & RNA extraction from various samples
- Microbiology - Isolation and identification of microorganisms, Virus egg inoculation techniques, EID<sub>50</sub> calculation, MIC, antibiotic sensitivity test (Kirby-Bauer disc diffusion method), Vitek & CFU calculation
- Parasitology- faecal examination, EPG calculation, blood smear examination for Haemoprotozoa
- Bioinformatics -Experienced in sequence retrieval and analysis from NCBI, BLAST analysis, multiple sequence alignment, phylogenetic tree construction and gene expression data interpretation using bioinformatics and statistical tools
- Experienced in computer handling, including MS Office (Word, Excel, PowerPoint), statistical software for data analysis, digital record maintenance, and report preparation
- Good knowledge of Nanoparticle synthesis and their characterisation
- Research topic for MVSc thesis- Efficacy of green-synthesised nanosilver on fowl adenovirus induced pathology in broiler chickens.
- Good communication skills
- Time management

## Awards and Scholarships

- IAVP–Best poster presentation Award (2024) – 1<sup>st</sup> prize at IAVP West Zonal Conference, KNPCVS, Shirwal
- ISBD -Best post presentation award (2024) - 2<sup>nd</sup> Prize at ISBD conference, College of Veterinary Science and Animal Husbandry, Anand.
- Young scientist award- for research paper entitled “Efficacy of green synthesised nano-silver with entrapped cinnamaldehyde on chicken infectious anaemia virus induced pathology in cockerels” at AAHP VI Biennial Poultry Health conference and national symposium organised at NVC, Nagpur, Maharashtra.

## Trainings and Workshops

- Hands-on Training on “A Practical Approach for Detection of Zoonotic Pathogens, Residues and Frauds in Foods of Animal Origin” at ICAR – National Meat Research Institute (NMRI), Hyderabad (03–07 March 2025)
- Workshop on hands-on animal experiment methods, biology, and ethical considerations at National Institute of Animal Biotechnology, Hyderabad (03-06 Sept 2024)

- Winter school -Online 21 Days National Training Programme on Advancing Innovation & Sustainability for Excellence in Veterinary and Allied Science, organised by Meadow Agriculture (ongoing)

### Publications

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- Tikoo, M., Warke, S., Sonkusale, P., & **Fulsundar, R.** (2025). Isolation and Molecular Detection of Fowl Adenovirus causing Inclusion Body Hepatitis utilising Specific Pathogen- Free Embryonated Chicken Eggs. *Indian Journal of Veterinary Sciences and Biotechnology*, 21(4), 50-54. <https://doi.org/10.48165/ijvsbt.21.4.10>

### Extra-Curricular Activities

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- Member of National Social Services Scheme from 2019-21.
  - Participated as a volunteer in the Uttarayan save bird campaign 2022, organised by Jivdaya Charitable Trust from 17-1-22 to 23-1-22.
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