

# Curriculum Vitae

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## Dr. Alok Kumar Chaurasiya

M.V.Sc. – Veterinary Pathology, ICAR-Indian Veterinary Research Institute (IVRI), Bareilly, India

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## Career Objective

Dedicated and academically accomplished veterinary professional with strong expertise in histopathology, postmortem techniques, and diagnostic assays, combined with practical proficiency in molecular techniques and bioinformatics. Seeking a position as Assistant Professor in a veterinary college to contribute to teaching, research, and institutional growth while nurturing the next generation of veterinary professionals.

## Personal Details

Name: Dr. Alok Kumar Chaurasiya

Date of Birth: 20/10/1998

Address: Village and post Gauhanna Kanoongo, Ayodhya, Uttar Pradesh – 224127, India.

## Educational Qualifications

Examination	Board/University	Year	Division/Grade	Percentage/OGPA
High School	Board of high school and intermediate education U.P.	2014	First Division	87.83% 527/600
Intermediate (10+2)	Board of high school and intermediate education U.P.	2016	First Division	71.4% 357/500
B.V.Sc. & A.H.	Nanaji Deshmukh veterinary science university Jabalpur, Madhya Pradesh	2023	Second Division	6.94/10
M.V.Sc. (Specialization: Veterinary Pathology)	ICAR-Indian Veterinary Research Institute (IVRI), Bareilly, Uttar Pradesh, India	2025	First class	7.035/10

## Areas of Expertise

1. Veterinary Pathology: Histopathology, cytopathology, gross and microscopic lesion interpretation, tissue processing and staining.
2. Diagnostic Techniques: Postmortem examination, disease diagnosis, sample collection and preservation.
3. Molecular Techniques: PCR, real-time PCR, gel electrophoresis, nucleic acid extraction.
4. Serological Techniques: ELISA, serum neutralization test, Western blot.
5. Skilled in using instruments like NanoDrop, Gel Doc, qPCR machine, centrifuges, CO<sub>2</sub> incubator, and biosafety cabinet.
6. Bioinformatics Tools: BLAST, FASTA, sequence query searches, multiple sequence alignment.
7. Scientific Writing: Research article preparation, thesis/dissertation writing, report drafting, and presentation skills.

## M.V.Sc. Research work

**Title: "Pathological and molecular characterization of porcine circovirus associated diseases in pigs".**

1. Conducted detailed Histopathological classification, Haematobiochemical analysis and Immunohistochemistry.
2. Experienced in designing and executing experiments related to molecular diagnostics, serology, and cloning.
3. Skilled in data analysis and interpretation using scientific and bioinformatics tools.
4. Prepared and presented scientific reports, posters, and manuscripts for academic and research dissemination.

## Teaching & Training

1. 10 Days Online Training on " Basics and Advances in Veterinary Clinical Diagnosis "
2. Programme Trainee – KARYASHALA in Veterinary Pathology, ICAR-IVRI.
3. Assisted in conducting practical classes for undergraduate students in Veterinary Pathology and allied subjects.
4. Provided hands-on training in postmortem techniques, histopathological slide preparation, and interpretation.
5. Guided junior students in basic molecular and diagnostic techniques.

## Publications & Presentations

1. Abstract & Poster presentation: "Pathological and molecular characterization of porcine circovirus associated diseases in pigs".
2. Abstract: "Pathology of porcine parvovirus 1 infection in domestic pigs and optimization of recombinase polymerase amplification assay for its diagnosis".

3. Abstract: "Pathological and Molecular Characterization of African Swine Fever virus in piglets".
4. Abstract: "Bridging Pathology and Practice: Fading Kitten Syndrome with Concurrent *Microsporum canis* Dermatitis and *E. coli* Peritonitis in Neonatal Persian Kittens".
5. Abstract & Poster presentation: "Dystocia Associated with Caprine Fetal Congenital Goiter: Obstetrical Incidence, Gross -Histopathological Findings, Endocrinological Alterations, and Risk Factor Analysis Study of Different Seasons on Developmental Competence of *In-Vitro* Derived Caprine Oocytes".

### Technical Skills

1. Histopathology, cytology, special staining, and immunohistochemistry.
2. Handling of spectrophotometer, thermal cycler, ELISA reader.
3. Sequence analysis and phylogenetic analysis using bioinformatics tools.
4. Data analysis using GraphPad Prism, MS Excel.

### Membership in Professional Organization

1. Veterinary Council of India (VCI)
2. Telangana State Veterinary Council
3. Indian Association of Veterinary Pathologists (IAVP)

### Professional Strengths

1. Strong analytical and observational skills in pathology and molecular research
2. Effective communication and teaching aptitude.
3. Skilled in scientific writing, documentation, and report preparation.
4. Ability to work independently as well as in collaborative team environments.

### Deceleration

I hereby declare that the information given above is true and correct to the best of my knowledge and belief.

Place: Bareilly

(Dr. Alok Kumar Chaurasiya)