


CURRICULAM VITAE (CV)

PERSONAL DETAILS		
NAME	Dr. NEELAM KALASUA	
Date of BIRTH	27.09.1998	
NATIONALITY	INDIANs	
MARITAL STATUS	Unmarried	
QUALIFICATION	M.V.Sc. (Animal Reproduction Gynaecology and Obstetrics-ARGO)	
ADDRESS	Vill. Khandiobri, Block- Kherwara, District- Udaipur, Rajasthan (313803)	
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Educational Qualification

S.no	Degree	Year	Board/University	CGPA/Percentage
1	10 th	2013	CBSE	7.4
2	12 th	2015	RBSE	80.80
3	B.V.Sc.&A.H.	2023	RAJUVAS, Bikaner	8.08
4	M.V.Sc.	2025	IVRI, Izatnagar, Bareilly	8.04

AWARDS

- ✦ Awarded with Indian Council of Agricultural Research- Post Graduation (**JRF**) fellowship in M.V.Sc. Degree Programme (2023-25).
- ✦ Achieved **third best oral presentation** award for the paper entitled “Ultrasonographic luteal morphology based early pregnancy diagnosis in Chaugarkha goat” at the National Conference on Transforming Small Ruminant Production: Empowering Precision Farming and Genomic Innovations for Enhanced Productivity and Sustainable Development, 5-7 March, 2025.
- ✦ Achieved **third best poster presentation** award for the paper entitled “fetal estimation in Chaugarkha goat during early pregnancy” at the National Conference on Transforming Small Ruminant Production: Empowering Precision Farming and Genomic Innovations for Enhanced Productivity and Sustainable Development, 5-7 March, 2025.
- ✦ Awarded with Dr. C.M. Singh National Award of Excellence-2024, for participation in National level essay writing competition on the topic Role of Veterinarian & Livestock sector for “Viksit Bharat@ 2047.”
- ✦ Awarded with Dr. V. Kurien award of excellence 2024, for participation in National level essay writing competition held on World milk day, 1st June 2024 on the topic “Low productivity of Indian Dairy Animals : Challenges & Mitigation Strategies”
- ✦ **Qualified ICAR NET**

PROFESSIONAL AFFILIATION

1. Registered under Rajasthan state Veterinary Council, Jaipur (Reg.No. 3218)
2. Life membership of The Indian Society for study of Animal Reproduction (ISSAR).

PRESENT PROFILE

I have successfully completed my research work titled “**Characterization of Luteal Morphology for Early Pregnancy Diagnosis and Fetal Age Estimation in Chaugarkha Goat**” at ICAR–Indian Veterinary Research Institute, Izatnagar, Bareilly (U.P.) – 243122. This work was carried out under the esteemed guidance of **Dr. Nitish Singh Kharayat**, Scientist, Division of Animal Reproduction, ICAR–IVRI, Mukteshwar, Uttarakhand.

Research Paper

- Sundriyal, R., Kumar, P., Karikalan, M., Singh, V., Pawaiya, R. S., Kalasua, N., & Gautam, S. (2026). Spatiotemporal Pathogenesis and Tissue Tropism of a Virulent Goatpox Virus Mukteshwar Strain in the Goats. *Microbial Pathogenesis*, 108483.

WORKSHOP/ CERTIFICATION/ SEMINAR PARTICIPATED

- Participated in **3-days** online training on “**Use of Ultrasonography in Mare Reproduction**” organized by CoVSc & AH, KU, Sardarkrushinagar, Gujarat with Indian Society for Study of Animal Reproduction (ISSAR) held during 5th to 7th July, 2023.
- Participated in “**7th National Online Clinical Case Conference**” on “**Pragmatic Clinical Approach for Farm, Companion and Wild animals Health**” held at post Graduate Institute of Veterinary and Animal Sciences, Akola, India on 4th to 6th September, 2024.
- Participated in training programme on “**Breeding Soundness Evaluation of Bulls**” held at division of Animal Reproduction, ICAR-IVRI, Izatnagar, Bareilly, India on 9th -15th Oct. 2023.
- Attended **20 days** value added course on “**Radiographic Interpretation**” held at Division of surgery, ICAR-IVRI, Izatnagar, Bareilly, India on 23rd Dec 2023- 11th Jan 2024.
- Participated in online workshop on “**Introduction to Virtual Reality Modules**” under the NAHEP component-2 “**Resilient Agricultural Education System**” Project organized during 23rd-25th August, 2023.
- Participated in One Week Online Training on “**Recent Advances in Quality Assurance of Production and Processing of Animal Origin Foods**” organized under ICAR-NAHEP-CAAST-MAFSU Project entitled “Centre of Excellence for Advanced Research on Animal Food Safety” held during 26th - 30th December, 2023 at Dept. of VPH, Mumbai Veterinary College, Parel, Mumbai.
- Participated (Online Mode) in the International Training on “**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, Mumbai Veterinary College, Parel, Mumbai.

Participated (Online Mode) in massive Open online course on “**Commercial dairy Farming**” held during 1Feb-31 March, 2023 offered by ICAR-NDRI Karnal.

CASE REPORTS

- Sahu, U.K., Wargat,C., Biswas, N., Sharma, R., **Kalasua, N.**, & Kumar, B.(2024). Obstetrical Management of Dystocia due to Schistosoma Reflexus in A Murrah Buffalo. *Animal Reproduction Update*, 4(2), 26-28.

COMPENDIUM CHAPTER

1. Ultrasonographic estimation of gestational age in hill goat Chaugarkha during early pregnancy. **Neelam Kalasua**, Nitish Singh Kharayat, Madhusudan A.P., Gurav Amol Ramdas, Deepika Bisht, Ashutosh Fullar, Nidhi Sharma, Manish Solanki, Sushil kumar and Yashpal Singh malik. “Empowering Precision farming and Genomic Innovation for Enhanced productivity and sustainable development in Small Ruminants Sector”pp-165.
2. Ultrasonographic luteal morphology based early pregnancy diagnosis in Chaugarkha goat. **Neelam Kalasua**, Nitish Singh Kharayat, Madhusudan A.P., Gurav Amol Ramdas, Deepika Bisht, Ashutosh Fullar, Nidhi Sharma, Manish Solanki, Sushil kumar and Yashpal Singh malik. “Empowering Precision farming and Genomic Innovation for Enhanced productivity and sustainable development in Small Ruminants Sector .pp-168
3. COMBINED THICKNESS OF THE UTERUS AND PLACENTA IN THREE INDIGENOUS HORSE BREEDS. Omprakash Solanki, TR Talluri, Dinesh Jhamb, Sajjan kumar, **Neelam Kalasua**, Kalpesh Pargi and Madhu Meena. “Challenges in Enhancing Reproductive Efficiency of Livestock: An Indian perspective” pp-429.
4. Clinical management of Kumri in goats: A case series. Sushil kumar, N.Biswas, Anjali, D. Lakhnpal, **Neelam**. “Empowering Precision farming and Genomic Innovation for Enhanced productivity and sustainable development in Small Ruminants Sector .pp-178
5. Use of Ultrasonography for fertility management in sheep and goat. N.S Kharayat, Madhusudan A.P, **N. Kalasua**, S.K. Singh, D. Bisht and A.K. samal. “Advanced Reproductive ultrasonographic technique in diagnostic precision of reproductive health and disorders in farm and pet Animals.”pp58-66
6. Synthetic peptides and their role in Bioresearch. Nitish Singh Kharayat, Deepika Bisht, **Neelam Kalasua**, Gurav Amol Ramdas, Madhusudan A.P., Amir Kumar Samal, Ashutosh Fular and Sanjay Kumar Singh. “GENE BASED MOLECULAR AND BIOINFORMATICS TOOLS FOR RESEARCH AND BIOTECHNOLOGY.” pp69-81
7. Timely detection of estrus in hill Cattle and Buffaloes. Nitish Singh Kharayat, **Neelam Kalasua**, Madhusudan A.P., Gurav Amol, Nidhi Sharma and Ashutosh

- Fular. *In: Animal Reproduction and Breeding "Package of practice for Livestock Management in the Northwestern Himalayan states"*pp139
8. Artificial Insemination in Cattle and buffaloes. Nitish Singh Kharayat, **Neelam Kalasua**, Madhusudan A.P., Gurav Amol and Ashutosh Fular. *In: Animal Reproduction and Breeding "Package of practice for Livestock Management in the Northwestern Himalayan states"*pp143
 9. Diagnosis and Management of follicular cyst in Chaugarkha goat. **Kalasua N.**, Kharayat N.S., Madhusoodan A.P., Gurav A., Bisht D., Sharma N., and Fular A. *In: 7th National Online Clinical Case Conference: Pragmatic Clinical Approach for Farm, Companion and Wild Animals Health, 4th -6th September, 2024.* pp169

RESEARCH EXPERIENCES

1. Synchronization in small and large ruminants like goat and cattle and understanding of luteal morphology in goat using B-mode ultrasonography.
2. Early pregnancy diagnosis in small as well in large ruminants.
3. Experience in monitoring follicular dynamics and reproductive physiology through ultrasonography.
4. Diagnosis and monitoring of various reproductive disorders and health through B-mode ultrasonography.
5. Lab experience in performing ELISA test for hormone analysis.

SKILLS

1. Skilled in using **B-mode ultrasound** technology for accurate diagnosis of pregnancy.
2. Well understanding of **synchronizing** animals with various synchronization protocols.
3. Conversant with MS Word, MS Excel, MS PowerPoint.

STRENGTH

- ✚ Self-belief
- ✚ Motivating nature and positive attitude towards life.
- ✚ Good skills to work on any responsibility given.
- ✚ Interested in learning new things and applying them efficiently.

LANGUAGES KNOWN: I can read, speak and write English and Hindi

DECLARATION

I hereby solemnly declare that all the statements made in the above resume are true and correct to the best of my knowledge and belief.

Thank you!

Dr. Neelam Kalasua
Yours sincerely