

Dr. RICHA KUMARI MANUBHAI PATEL

M.V. Sc. Scholar – Animal Reproduction, Gynaecology & Obstetrics

Date of Birth- 13/02/2001

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PROFESSIONAL PROFILE

I am a veterinarian, specializing in Animal Reproduction, Gynaecology, and Obstetrics with expertise in advanced reproductive techniques and clinical practice. My skills include semen analysis and semen cryopreservation, ELISA, with research experience focused on evaluating the effects of antioxidants on semen cryopreservation. In addition, I have extensive hands-on clinical exposure to routine obstetrical, gynaecological, and reproductive surgical cases, enabling me to integrate laboratory proficiency with practical veterinary applications. I seek to contribute my veterinary expertise by actively participating in *In Vitro Fertilization (IVF)* programs and semen station operations. Additionally, I have completed certification course in *In Vitro Fertilization (IVF)* and have received hands on experience for the same.

EDUCATION

- **College of Veterinary Sciences and Animal Husbandry, Kamdhenu University Anand, Gujarat -388001.**

Master of Veterinary Science – Animal Reproduction, Gynaecology & Obstetrics
(February 2024 – October 2025)

- **College of Veterinary Sciences and Animal Husbandry, Kamdhenu University, Navsari, Gujarat – 396450**
Bachelor of Veterinary Science and Animal Husbandry
(2018-2024)
OGPA- 7.587 (First Division)

REGISTRATION

Gujarat Veterinary Council (GVC)- Reg. No. – 5707

PUBLICATIONS/ PRESENTATIONS

- Popular article: 01
- Parmar, C. P., Devmurari, Y. J., Lunagariya, P. M., Pathan, M. M., **Patel, R. M.**, & Sarvaiya, N. P. (2025). **Evaluation of Efficacy of BovEasy Bovine Rapid Pregnancy Detection Kits in Crossbred Cattle.** *Indian Journal of Veterinary Sciences & Biotechnology*, 21(3), 28.
- Patel, K., Patel, B., Mahla, J., **Patel, R.**, Patel, K., Patel, C., Chaudhari, D., Chaudhari, M., & Patel, H. (2024). **Surgical management of inter digital fibroma in Cattle.** *International Journal of Veterinary Sciences and Animal Husbandry*, 9(2), 515–517.

Postgraduate Credit Seminar

- “Freeze-Drying and Micro-Insemination of Mammalian Sperm: An Overview”

PROFESSIONAL MEMBERSHIPS (Life member)

- The Indian Society for Study of Animal Reproduction (ISSAR) – LM 3655
- Society for Veterinary Sciences and Biotechnology (SVSBT) – LM 550

CERTIFICATIONS

- Hands on training on “*In Vitro* fertilization” by Gujarat Biotechnology Research Centre & Stegene Lab, Ahmedabad from 16th to 27th December, 2024.
- Participated in National Conference on “Biotechnology for Addressing Genomics, Disease, Nutrition, and Productivity of Animals at Gujarat Biotechnology University, Gandhinagar.
- Online Certificate on “Practical Use of Hormones in Large Animals” by Indian Veterinary Association, Thrissur on 10th May, 2024.

RESEARCH & PROFESSIONAL SKILLS

- Semen Analysis.
- Cryopreservation of semen.
- Computer Assisted Semen Analysis
- Pregnancy diagnosis in bovines
- ELISA
- Obstetrical management in small ruminants and companion animals.
- Reproductive surgical management- C-section, Spaying, Castration.

RESEARCH WORK

M.V.Sc. Research Title

- “Effect of Zinc Oxide Nanoparticles (ZnONPs) as an Extender Additive on Post-thaw Sperm Quality Parameters of Buffalo Bull Semen”

EXTRACURRICULAR ACTIVITIES & VOLUNTEERING

- **Wildlife Welfare Foundation, Navsari** – volunteered at uttarayan bird rescue camp.
- **National Service Scheme (NSS)**

LANGUAGES

Gujarati

English

Hindi

REFERENCES

Dr. K.K. Hadiya, Professor & Head, Veterinary clinical complex Bhuj
Email id: kiran123@kamdhenuuni.edu.in, Contact no: 9825484047

Dr. A.J. Dhami, Retired Professor & Head, COVSc & AH, Kamdhenu University, Anand
Email id: ajdhami59@gmail.com, Contact no: 9898262498

Dr. K.H. Parmar, Assistant Professor, COVSc & AH, Kamdhenu University, Anand
Email id: kiran123@kamdhenuuni.edu.in, Contact no: 9016617817

Date: 25/10/2025
Place: Anand



Patel Richakumari Manubhai