

Individual faculty information

1. Name & Designation: Dr Akhil Patel

2. Highest qualifications: PhD

3. Specialization/ Area of interest: Veterinary Gynaecology & Obstetrics

4. Contact details (Mobile No & Email address):

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a. Name & Designation: Dr Akhil Patel, Assistant Professor

b. Academic qualification

Degree	Institute/University	Year	Subject
PhD	Uttar Pradesh Pandit Deen Dayal Upadhyay Veterinary University & Go Anusandhan Sansthan, Mathura-281001, Uttar Pradesh, India	2017	Veterinary Gynaecology & Obstetrics
MVSc	Uttar Pradesh Pandit Deen Dayal Upadhyay Veterinary University & Go Anusandhan Sansthan, Mathura-281001, Uttar Pradesh, India	2014	Veterinary Gynaecology & Obstetrics
BVSc & AH	Acharya Narendra Deva University of Agriculture & Technology, Kumarganj-224229, Ayodhya, Uttar Pradesh, India	2012	As per MSVE of Veterinary Council of India, New Delhi

c. Professional position held:

Designation	Period	University / Institution
Assistant Professor	05-05-2018 to till date	Sardar Vallabhbhai Patel University of Agriculture & Technology, Meerut-250110, Uttar Pradesh, India
Guest Faculty (Veterinary Gynaecology and Obstetrics)	26-07-2017 to 04-05-2018	Acharya Narendra Deva University of Agriculture & Technology, Kumarganj-224229, Ayodhya, Uttar Pradesh, India

d. Number of publication along with ten best publications in APA format:

Books: 01

Book Chapters: 08

Research Papers –16

Review articles – 2

Ten Best Publications

Booklets : 4

Laboratory/ Training Manuals: 5

Clinical article: 24

Technical/ Popular articles- 23

1. Gangwar, C., Saxena, A., **Patel, A.**, Singh, S. P., Yadav, S., Kumar, R. & Singh, V. (2018). Effect of reduced glutathione supplementation on cryopreservation induced sperm cryoinjuries in Murrah bull semen. *Animal Reproduction Science*, 192: 171-178.
2. Singh, V., Kumar, A., Yadava, C. L., **Patel, A.**, Yadav, B., Panday, V. & Saxena, A. (2018). Effect of season on certain seminal plasma enzymes profile at pre-freeze and post thaw period in the Haryana bull. *Ruminant Science*, 279.
3. Yadav, D., Kumar, V., **Patel, A.**, Yadav, S.S., Kumar, A., Kumar, B. & Saxena, A. (2018). Per-vaginal delivery of perosombis fetus along witharthrogryposis in she buffalo. *Buffalo Bulletin*, 37(3): 449-451.
4. Yadava, C. L., Saxena, A., Yadav, B., Singh, V., Reddy, A. V. S., **Patel, A.**, Kumar A. & Yadav, S. (2018). Effect of sericin supplementation on the semen quality of cryopreserved haryana bull semen. *Ruminant Science*, 7 (1): 93-96.
5. **Patel, A.**, Yadav, D., Agrawal, J. K. & Saxena, A. (2017). Dystocia Due to a Conjoined Twin Monster in a Non-Descript Buffalo. *Indian Vet. J*, 94(04): 68-69.
6. **Patel, A.**, Saxena, A., Yadav, S. S., Yadav, D., Agrawal, J. K. & Kumar, A. (2016). Extraction of dicephalus-dithoraco-disternopagus-tetrabrachiustetrapus-dicaudatus monster in buffalo-fetotomy: A case report. *Buffalo Bulletin*, 35(4): 513-516.
7. **Patel, A.**, Saxena, A., Yadav, S. S., Yadav, D., Kumar, A. & Kumar, A. (2016). Effect of butylated hydroxytoluene on sperm viability and acrosomal integrity in cryopreserved haryana bull semen. *Journal of Animal Research*, 6(6): 983-987.
8. Agrawal, J. K., Atul, S., Kharche, S. D., Juhi, P., Sikarwar, A. K. S., **Patel, A.**, Goel, A.K. & Jindal, S. K. (2016). A study on parthenogenetic activation and embryo production from in vitro matured caprine oocytes. *Ruminant Science*, 5(1): 21-24.
9. **Patel, A.**, Saxena, A., Swain, D. K., Yadav, D., Yadav, S. S., Kumar, A. & Kumar, A. (2015). Effect of supplementation of butylated hydroxytoluene on post-thaw sperm viability, motility and membrane integrity of Haryana bulls. *Veterinary World*, 8(6): 808-812.
10. Patel, A., Yadav, S. S., Yadav, D., Sonker, V., & Saxena, A. (2015). Dystocia due to schistosoma reflexus in a Haryana cow. *Int J Livest Res*, 5(4): 122-124.
11. **Patel, A.**, Yadav, D., Saxena, A. (2014). Management of dystocia due to fetal ascites in a buffalo. *Intas Polivet*. 15 (2): 344-345.

e. Student guided/ Co- guided

Student	Guided (Number)	Co- guided (Number)
PG	01	01
PhD	NIL	NIL

f. Research project

Name of position	Name of project	Funding agency
Co-PI	Mobile Veterinary clinical services for dairy animals in Western Uttar Pradesh	IFFCO, New Delhi
Co-PI	Establishment of Advance Centre for diagnosis and Therapeutics of Animal Infertility	RKVY
Co-PI	Establishment of embryo transfer laboratory for conservation of elite Sahiwal cows	RKVY
Co-PI	Establishment of semen analytical laboratory for semen certification and quality assurance of breeding cattle and buffalo semen certification of Western Uttar Pradesh	RKVY

g. Award/ Recognition

1. **Chancellor's Gold Medal** for holding 1st position in BVSc & AH
2. **Silver Medal** for holding 2nd position in MVSc
3. **Certificate of Merit** for 1st rank in Department of Veterinary Gynaecology & Obstetrics

4. ***National Fellowship of University Grant Commission*** for pursuing PhD
5. ***Young Scientist Award***
6. ***Scientist of the Year Award***
7. ***Neomec Project Shiksha Scholarship***
8. ***ICAR-ASRB NET-2014***