

### Individual Faculty Information

1. Name and Designation : Dr. Vikas Sachan
2. Highest Qualification : PhD
3. Specialization / Area of Interest : Veterinary Gynaecology and Obstetrics, Andrology
4. Contact detail : 8936901169 ([vikas.vet23@gmail.com](mailto:vikas.vet23@gmail.com))
5. Brief profile



- a. Name and Designation : Dr. Vikas Sachan
- b. Academic qualification

Sr. No.	Degree	Institute / University	Year	Subject
1	PhD	DUVASU, Mathura	2021	Veterinary Gynaecology and Obstetrics
2	MVSc	DUVASU, Mathura	2013	Veterinary Gynaecology and Obstetrics
3	BVSC & AH	MAFSU, Maharashtra	2011	Veterinary Science and Animal Husbandry

- c. Professional positions

Sr. No.	Designation	Period	University/Institution
1	Assistant Professor	10.07.2014 to 14.03.2024	DUVASU, Mathura
2	Associate Professor	15.3.2024 to till	SVPUAT, Meerut

- d. Publications (Best 10 research publication) :

1. **Sachan V.**, Singh V. and Saxena A. (2019). Study on biochemical changes during periparturient prolapse in Murrah buffaloes. Haryana Vet. 58:98-101
2. **Sachan V.**, Singh V., Saxena A. and Mishra S. (2023). Effect of two thawing protocols on seminal characters of cryopreserved Harinan bull semen. Veterinary Practitioner, 24(1): 86-88.
3. **Sachan V.**, Singh V. and Saxena A. (2017). Influence of different level of egg yolk on cryopreservation of Haryana bull semen. International Journal of Livestock Research, 7(5): 146-154.
4. **Sachan V.**, Kumar B., Singh A.K., Yadav D.K. and Patel A. (2025). Morphometric Studies on Buffalo Ovary and Corpus Luteum during the Luteal Phase of Estrous Cycle and Pregnancy. Ind J Vet Sci and Biotech. 21(1): 121-123.
5. **Sachan V.**, Choudhury S., Swain D.K., Kumar A., Saxena A., Sharma P. and Singh A.K.. (2024). Characterization of membrane-associated non-genomic progesterone receptors in cattle bull spermatozoa. Indian Journal of Animal Sciences. 94(12): 1096-1099.
6. Yadav D.K., Kumar A., Gupta S., Sharma P., Kumar G., **Sachan V.**, Yadav B., Yadav S., Saxena A. and Swain D.K. (2023). Antioxidant additive melatonin in tris-based egg yolk extender improves post-thaw sperm attributes in Haryana bull. Animal Reproduction Science, 251. 107214.
7. Kumar B., Kumawat B.L., Khan F.A., Das G.K., Maurya S.K., Vandana C., Jai Singh, **Sachan V.**, Jan M.H. and Narayanan K. (2023). Comparative analysis of biochemical,

hormonal, and mineral compositions of preovulatory and cystic ovarian follicles in buffalo during the non-breeding season. *Zygote*, 31: 246-252.

8. Gupta S., Kumar A., Mahajan A., Sharma P., **Sachan V.**, Aggrawal J., Yadav S., Saxena A. and Swain D.K. (2021). Curcumin in a tris-based semen extender improves cryosurvival of Haryana bull spermatozoa. *Andrologia*. DOI: <https://doi.org/10.1111/and.14255>.
9. Singh G.V., Kumar A., **Sachan V.**, Agrawal J.K. and Saxena A. (2020). Effect of the Addition of Insulin Like Growth Factor-I (IGF-I) on Cryopreservation of Haryana Bull Semen. *Iranian Journal of Applied Animal Science*. 10(4): 611-614.
10. Kumar M., Kumar A., **Sachan V.**, Agarwal J.K., Saxena A., Singh A.k., Gupta S.K., Swain D.K. (2022). Effect of resveratrol supplementation on the semen quality of cryopreserved Haryana bull semen. *Ruminant Sciences*. 11(2):475-478.

e. Student Guided /Co-guided

Sr. No.	Student	Guided	Co-Guided
1	PG	01	01
2	PhD	01	01

f. Award/Recognition

Sr. No.	Name of the award /Recognition	Awarding organization	Year	National/International/Institutional/Professional society	Additional information
	Best Thesis	DUVASU, Mathura	2022	Institutional	Individually
	2 <sup>nd</sup> BEsrt Oral presentation	Indian Society for Study on Animal Reproduction, ISSAR	2024	Professional society	Individually
	MVSc silver medal	DUVASU, Mathura	2013	Institutional	Individually

**Overall Publications**

Research Articles	: 18
Review articles	: 3
Case articles	: 27
Short communications	: 6
Book Chapter	: 8
Book	: 01
Popular articles	: 25