

Individual faculty information

1. Name & Designation: Dr Manish Kumar Shukla

2. Highest qualifications: PhD

3. Specialization/ Area of interest:

- a. Frozen semen technology
- b. Embryo transfer technology
- c. Infertility in farm and companion animals

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

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a. Name & Designation : Dr Manish Kumar Shukla, Associate Professor

b. Academic qualification

Degree	Institute/University	Year	Subject
PhD	Nanaji Deshmukh Veterinary Science University, Jabalpur-482001, Madhya Pradesh, India	2016	Veterinary Gynaecology & Obstetrics
MVSc	G.B. Pant University of Agriculture & Technology, Pantnagar-263153, Uttarakhand, India	2003	Veterinary Gynaecology & Obstetrics
BVSc & AH	College of Veterinary Sciences, Khanapara, Assam Agricultural University, Jorhat-785001, Assam, India	2000	Veterinary Science & A.H.

c. Professional position held:

Designation	Period	University / Institution
Associate Professor (Veterinary Gynaecology and Obstetrics)	15-06-2018 to till date.	Sardar Vallabhbhai Patel University of Agriculture & Technology, Meerut-250110, Uttar Pradesh, India
Assistant Professor (Veterinary Gynaecology and Obstetrics)	18-06-2008 to 14-06-2018.	Nanaji Deshmukh Veterinary Science University, Jabalpur-482001, Madhya Pradesh, India
Assistant Professor (Veterinary Gynaecology and Obstetrics)	03-10-2006 to 14-06-2008	Sardar Krushinagar Dantiwada Agricultural University, Sardar Krushinagar-385506, Gujarat, India
Scientist-I (R&D)	21-12-2004 to 27-09-2006	National Dairy Development Board, Anand, Gujarat, India
Assistant Manager	08-12-2003 to 07-12-2004	Animal Breeding Center, Salon (A unit of Animal Breeding Research Organization) Managed by NDDB



Teaching Associate	19-08-2002 to 30-11-2003	G.B. Pant University of Agriculture & Technology, Pantnagar-263153, Uttarakhand, India
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d. Number of publication along with ten best publications in APA format:

Books: 7	Booklets : 4
Book Chapters: 05	Laboratory/ Training Manuals: 7
Research Papers (national journal) –42	Research papers (international journals)–10
Review articles – 3	Lead papers/ Invited lectures: 18
Papers presented- 40	Technical/ Popular articles- 55

Ten Best Publications

1. Suresh, A., Shukla, M. K., Kumar, D., Shrivastava, O. P., & Verma, N. (2021). Simulated physiological oocyte maturation (SPOM) improves developmental competence of in vitro produced goat embryos. *Theriogenology*, 172: 193-199.
2. Shukla, M. K., & Misra, A. K. (2014). Caffeine as a semen additive to improve Murrah buffalo (*Bubalus bubalis*) semen cryopreservation. *Buffalo Bulletin*, 33(32): 6.
3. Shukla, M. K., Khan, M. J. Z., Pathan, M. M., Siddiquee, G. M., & Latif, A. (2009). Biochemical profile of uncastrated male Kutchi camel during the breeding season. *J Camel Pract Res*, 16(1): 213-215.
4. Shukla, M. K., Misra, A. K., & Gupta, H. P. (2009). Studies on some biochemical constituents of Murrah buffalo (*Bubalus bubalis*) seminal plasma. *Buffalo Bull*, 28(3): 123-126.
5. Shukla, M. K., & Misra, A. K. (2008). GnRH treatment and double insemination for management of repeat breeding crossbred cows of Tarai region. *Indian Journal of Animal Science*, 78 (12): 1378-1379.
6. Shukla, M. K., & Misra, A. K. (2007). Effect of Bradykinin on Murrah buffalo (*Bubalus bubalis*) semen cryopreservation. *Animal Reproduction Science*, 97(1-2): 175-179.
7. Shukla, M. K. (2006). Management of sub estrus in Murrah buffaloes in sub Himalayan terrains of India by Dinoprost therapy through intra vulvo submucosal route. *Buffalo Bulletin*, 25(3): 56.
8. Shukla, M. K. (2005). Correlation of microbial load of cryopreserved semen with quality of neat and cryopreserved murrah buffalo bull semen. *Buffalo Bulletin*, 24(4): 84-87.
9. Shukla, M. K., & Misra, A. K. (2005). Effect of antioxidants alpha-tocopherol, ascorbic acid and n-propyl gallate on Murrah semen cryopreservation. *Buffalo Journal*, 21(1): 27.
10. Shukla, M. S., & Mishra, A. K. (2005). Correlation between seminal characteristics in Murrah bulls. *Indian J. Anim. Sci*, 75(3): 263-266.

e. Student guided/ Co- guided

Student	Guided (Number)	Co- guided (Number)
PG	03	08
PhD	NIL	02

f. Research project

Name of position	Name of project	Funding agency
Principal Investigator	Development of follicle stimulating hormone eluting nano-suspension for multiple ovulation and embryo transfer for ex-situ conservation of elite Sahiwal cattle	UPCAR, Lucknow
	Establishment of embryo transfer laboratory for conservation of elite Sahiwal cows	RKVY
	Development of novel formulation for prevention and control of teat and udder infection in cattle	DBT, New Delhi

	Establishment of Embryo transfer laboratory	DADF, Govt. of India
	Evolving potential strategies for non surgical contraception in male dogs	MPCST, Bhopal
As Co-PI	Production of high quality embryos by OPU-IVF technology for improving productivity and conservation of indigenous breeds of cattle and buffalo	RKVY
	Farmers First	ICAR
	Establishment of advanced centre for diagnosis and therapeutics of animal infertility	RKVY

g. Award/ Recognition

- ‘Distinguished scientist award’ of Agro-environment development society 2018.
- Best Oral presentation of research paper during XXVIth Annual Congress of Society of Andrology: India at MIET, Meerut, October 26-28, 2018.
- Best Teacher Award (Third) 2016 of the university, NDVSU, Jabalpur
- Best Teacher Award 2014 (Jabalpur Campus), NDVSU, Jabalpur
- Young achiever award-2011 by Society for development of human and nature, Solan
- Hari Ohm Ashram Prerit Bhaikaka Smarak Trust award 2006-07 for Best Research Paper published.