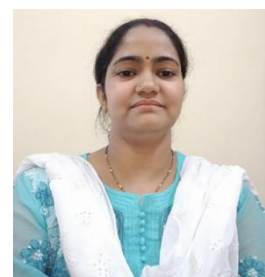


Curriculum Vitae

1. **Name:** Dr Chetna Gangwar
2. **Designation:** Scientist (Senior Scale)
3. **Address:** Animal Physiology and Reproduction Division, CIRG, Makhdoom, Farah, Mathura, U.P.
4. **Email:** Chetnaom82@gmail.com
5. **Date of Birth:** 10.11.1982
6. **Qualifications:** M.V.Sc and Ph.D.
7. **Year wise academic qualifications:**



Degree	Year	Subject	University/Institution	% of Marks
B.V.Sc. & A.H.	2006	Vety. Science	GBPUA&T, Pantnagar Uttarakhand	First Division with HONS, 85.17%
M.V.Sc.	2008	Animal Reproduction, Gynaecology & Obstetrics	GBPUA&T, Pantnagar Uttarakhand	First Division with HONS, 87.28%
Ph.D.	2017	Animal Reproduction, Gynaecology & Obstetrics	DUVASU, Mathura U.P.	First Division with HONS, 88.88%

8. **Discipline:** Animal Reproduction Gynaecology and Obstetrics.
9. **Interest areas:** Semen Biology; Semen Cryopreservation
10. **Ongoing Projects:**

S.No	Project Title	Role	Funding Agency
1.	Augmentation of buck fertility through use of 'polyherbal preparations	PI	ICAR-CIRG
2.	Conservation and phenotypic documentation of Mirzapuri goats	PI	UPCAR
3.	Production of Double Muscled-mass Farm Animal using CRISPR	Co-PI	NASF
4.	Production of clone goat embryos and assessment of their survival after in vivo transfer.	Co-PI	ICAR-CIRG
5.	Development of goat based integrated farming system Model	Co-PI	ICAR-CIRG
6.	Transfer of goat technologies for sustainable livelihood and enhancing farmer's Income	Co-PI	ICAR-CIRG
7.	Assessment of laparoscopic ovum pick-up (LOPU) technique for in-vitro embryo production in goats	Co-PI	ICAR-CIRG

11. Ten Best Research Publications

- i. **Gangwar C**, Mishra A K, Gururaj K, Kumar A, Kharche S D, Saraswat S, Kumar R & Ramachandran N, 2021. Semen quality and total microbial load: An association study in important Indian Goat breeds during different seasons. *Andrologia*, <https://doi.org/10.1111/and.13995>.
- ii. R. Ranjan, P. Singh, S.D. Kharche, **C. Gangwar**, N. Ramachandran, S.P. Singh, M.K. Singh. (2020). Effect of temperature humidity index on sexual behavior and semen quality in Barbari buck under Indian climatic condition. *Small Ruminant Research* (193) <https://doi.org/10.1016/j.smallrumres.2020.106263>.
- iii. **Gangwar C**, Kharche S D, Mishra A K, Saraswat S, Kumar N & Sikarwar A K, 2020. Effect of diluent sugars on capacitation status and acrosome reaction of spermatozoa in buck semen at refrigerated temperature. *Tropical Animal Health and Production* 52: 3409–3415.
- iv. **Gangwar C**, Gururaj K, Mishra A K, Kumar A, Pachoori A, Saraswat S, Singh N P and Kharche S D, 2020. Molecular detection of important abortion causing microorganisms in preputial swab of breeding bucks using PCR based assays. *Reproduction in Domestic Animal* 55 (11): 1520-1525.
- v. **Chetna Gangwar**, Ravindra Kumar, S.D. Kharche, S.K. Jindal, U.B Chaudhary and A.K. Mishra. 2019. The effect of Azolla supplementation in feed on semen freezability in bucks. *Indian Journal of Animal Sciences*- 89(4):42-45.
- vi. **Chetna Gangwar**, Atul Saxena, Akhil Patel, S P Singh, Sarvajeet Yadav, Ravindra Kumar and Vijay Singh. (2018) Effect of Reduced Glutathione Supplementation on cryopreservation induced Sperm cryoinjuries in Murrah Bull semen. *Animal reproduction science*. 192, 171–178.
- vii. **Chetna Gangwar**, S.D. Kharche, Satish Kumar and S.K. Jindal (2016). Cryopreservation of Goat Semen: Status and Prospects. *Indian Journal of Small Ruminants*, 22(1): 1-10
- viii. **Chetna Gangwar**, S.D.Kharche, Ravi Ranjan, Satish Kumar, A.K. Goel and S.K. Jindal (2015). Effect of vitamin C supplementation on freezability of Barbari buck semen. *Small Ruminant Research* (129) 104-107.
- ix. **Chetna Gangwar**, Ravindra Kumar, S P Singh, Shanker K Singh, M K Srivastava and Atul Saxena (2015). Serum metabolites and macro mineral profile of prepartum buffaloes affected with cervico-vaginal prolapse. *Indian Journal of Animal Sciences* 85(6): 575-577.

- x. **Chetna Gangwar**, R.Ranjan Satish Kumar, S.D. Karche, A.K.Goel, N.Ramachandran, and S.K.Jindal (2014). Use of chelating agent for optimum post thaw quality of buck Semen. Indian Journal of Animal Sciences 84 (8): 839-841.

12. Ten Best Awards

S.no	Award Name	Awarding Agency	Year
1.	Dr. Vallabh Mandokhot Memorial Award	NAVS	2021
2.	Best article award in e-Pashupalan	e-Pashupalan	2021
3.	Best oral presentation Award in the National Symposium and XIV Biennial Conference of Association of Public Health Veterinarians	APHV	2020
4.	Best oral presentation Award III in the VIPM Conference	VIPM	2019
5.	Best oral presentation Award in the Asian Regional Conference on Goats	ARCG	2018
6.	Excellent reviewer award	IJLR	2017
7.	Best reviewer award	JLRI	2017
8.	Best Hindi article award	NBAGR	2016
9.	Young Scientist Award in XXX annual convention of ISSAR	ISSAR	2014
10.	1st prize in Kisanmela	DUVASU	2014