Dr. Ravi Dutt			
Designation	**Assistant Professor**		
	Department of Veterinary Gynaecology and Obstetrics College of Veterinary Sciences, Lala Lajpat Rai University of Veterinary and Animal Sciences (LUVAS), Hisar -125004 (Haryana) India Phone: 01662-256112(O) Mobile: +919416506409 E-mail: raviduttvets@luvas.edu.in		
Educational Qualifications	• 2021: PGD. Animal Welfare, IGNOU, New Delhi • 2013: Ph.D. Animal Reproduction, COVS, LUVAS, Hisar • 2009: M.V.Sc., Veterinary Gynaecology and Obstetrics, ICAR-IVRI, Izatnagar, Bareilly • 2007: B.V.Sc. & A.H., COVS, CCS HAU, Hisar		
Employment Details	• Assistant Professor, LUVAS: 23.04.2016 (A.N.)-continuing • Scientist, ICAR-CIRB Sub Campus Nabha, Punjab: 01.01.2015 to 17.12.2015 • Veterinary Surgeon, AHD Dept. Haryana: 08.08.2012 to 30.12.2014		
Research Interests	• Female Infertility and Ultrasonography • Semen Biology • Veterinary Obstetrics		
Students Guided	• As Major Advisor: 04 M.V.Sc. • As Co-Major Advisor: 1 Ph.D. student • As Co-Major Advisor: 2 M.V.Sc. student • As Member Advisory Committee: 11 students		
Research Projects Handled/Undergoing	• Establishment of Embryo Transfer-*In–vitro* Fertilization (IVF) Laboratory and production of High Genetic IVF Embryos from indigenous cattle breeds (RKVY). • ETT-IVF Project (RGM) • Ozone therapy in treatment of sub-clinical endometritis in repeat breeding buffaloes (Institutional Project) • Incidence and aetiology of various reproductive problems of ruminants in the state of Haryana and treatment thereof. (State Scheme) • Reproductive health management practices to enhance conception rate in dairy animals: Bridging laboratory research with field application. (IIT Ropar)		
Publications	**Total Research Papers Published:** 50 **>8.0 NAAS rating:** 03 **6-8 NAAS rating:** 22 **Google Scholar index** **Research Citations**: 739 **h-index**: 14 **i-10 index**: 21	**Book Chapters:** 07 **Training Manuals:** 08	**PopularArticles:** 21 **Conference Attended:** 08

- Dutt, R., Mehrotra, S., Hoque, M., Shanker, U., Singh, G., Agarwal, S.K., Das, G.K. & Singh, S.K. (2010). Effect of *Murraya koenigii* and *Aegle marmelos* combination on resumption of fertility in anestrus goats. J. Appl. Anim. Res. 38(2):249-252. https://doi.org/10.1080/09712119.2010.10539520 (NAAS rating 7.9)
- Arjun V, P. Kumar, P., Dutt, R., Kumar, A., Bala, R., Verma, N., Jerome A., Virmani, M., Patil, C., Singh, S. & Kumar, D. (2021). Is addition or removal of seminal plasma able to compensate for the dilution effect of buffalo semen?" Androl. 00:e14123. https://doi.org/10.1111/and.14123 (NAAS rating 8.0)
- Arjun, V., Kumar, P., Dutt, R., Kumar, A., Bala, R., Verma, N., Jerome, A., Virmani, M., Patil, C. S., Bhardwaj, S., Kumar, D. & Yadav, P. S. (2022). Effect of mitochondria-targeted antioxidant on the regulation of the mitochondrial function of sperm during cryopreservation. Androl. e14431. https://doi.org/10.1111/and.14431 (NAAS rating 8.0)
- Yadav, U., Dutt, R., Bansal, K., Gupta, A., Bala, R., Bhardwaj, S., Verma, N., Bishnoi, M., Kumar, D., Datta, T.K. & Kumar, P. (2023). Epsilon poly-lysine in buffalo semen extender: a step towards reducing the development of antibiotic resistance. Reprod. Domest. Anim. 00,1–10 https://doi.org/10.1111/rda.14399 (NAAS rating 7.7)
- Jinagal, S., Dutt, R., Sharma, M., Punetha, M., Saini, S., Thakur, S., Chaudhary, S., Kumar, P., Yadav, P.S., Datta, T.K. & Kumar, D. (2024). LPS induced mitochondrial dysfunction reduces oocyte maturation and developmental competence of buffalo embryos via ROS mediated TLR4 signalling. Americ. J. Reprod. Immunol. https://doi.org/10.1111/aji.13902 (NAAS rating 8.4)
- Jinagal, S., Dutt, R., Sharma, M., Punetha, M., Yadav, U., Bansal, K.N., Saini, S., Thakur, S., Chaudhary, S., Kumar, P., Yadav, P.S., Datta, T.K. & Kumar, D. (2026). Effect of LPS on in-vitro embryo development in *Bubalus bubalis*: A model for studying inflammatory pathways. Reprod. Domest. Anim 61:e70161. https://doi.org/10.1111/rda.70161 (NAAS rating 7.7)
- Singh, G., Pandey, A. K., Agnihotri, D., Chander, S., Chandolia, R.K. & Dutt, R. (2013). Survival and fertility rate in buffaloes following caesarean section and mutation with/without partial fetotomy. Ind. J. Anim. Sci. 83(3):251-253. https://doi.org/10.56093/ijans.v83i3.28076 (NAAS rating 6.3)
- Kumar, S., Malik, R.K., Sharma, R.K., Dutt, R. & Virmani, M. (2019). Cost effectiveness of Ovsynch protocol in different combinations for induction of estrus in anestrous Murrah buffaloes. Buff. Bull. 37 (4): 489-493. https://kuojs.lib.ku.ac.th/index.php/BufBu/article/view/131 (NAAS rating 6.2)
- Singh, G., Chandolia, R.K. Dutt, R., Dalal, J., Saini, A. & Malik, R.K. (2018). Two dimensional trans-rectal ultrasonographic studies in early pregnant Murrah buffaloes. Ind. J. Anim. Sci.. 88 (1): 59–64. https://doi.org/10.56093/ijans.v88i1.79487 (NAAS rating 6.3)
- Hariom, Singh, H., Dutt, R. & Ranga, L.C. (2021). Estrus and fertility responses in acyclic ewes treated with short, medium or long-term GnRH-PGF2α-GnRH protocols supplemented with intra-vaginal progesterone therapy. Ind. J. Anim. Sci. 91 (12):1045-1049 https://doi.org/10.56093/ijans.v91i12.119820 (NAAS rating 6.3)

IPRs granted	• **Nil**
Awards/ Fellowships/ Recognition received	• ICAR- JRF for MVSc degree at ICAR-IVRI, Bareilly (2007-2009). • Rajiv Gandhi National Fellowship, UGC for PhD Degree. (2010-2013) • N.C. Sharma Award -2019 (The Indian Society for Study of Animal Reproduction) • Dr. R. D. Sharma Memorial Award-2021(The Indian Society for Study of Animal Reproduction) • FIRST position in Oral presentation during 22nd Indian Veterinary Congress and XXIX Annual conference of IAAVR and National Symposium organized by Department of Veterinary Microbiology, College of Veterinary and Animal Science, Navania, Vallabhnagar, Udaipur (Rajasthan) held on April 8-9, 2022. • FIRST position in Poster presentation during 22nd Indian Veterinary Congress and XXIX Annual conference of IAAVR and National Symposium organized by Department of Veterinary Microbiology, College of Veterinary and Animal Science, Navania, Vallabhnagar, Udaipur (Rajasthan) held on April 8-9, 2022. • IAAVR Appreciation Award-2023 during 23rd Indian Veterinary Congress and 30th Annual Conference of Indian Association for Advancement of Veterinary Research (IAAVR), held at Anand (Gujarat) held on Feb. 3-4, 2023. • Best Scientist in Veterinary Research-2024 conferred by Agro Environmental Development Society at Uttaranchal University, Dehradun (U.K.) during Oct. 23-25., 2024 • Young Scientist Award conferred by Bio Vet Innovator Magazine on the occasion of World Veterinary day on 26.04.2025. • Best Teacher Award-2025 conferred by Agro Environmental Development Society at Maya Devi University, Dehradun (U.K.) during July 25-27, 2025. • Best (Second) Oral Presentation Award during XIInd Annual Convention of the Society for Veterinary Sciences and Biotechnology (SVSBT) and International conference on "Bridging Science and Society: Biotechnology for Sustainable one health" held at LUVAS Hisar on Dec. 3-5, 2025.
Membership of Professional Scientific Societies	• Indian Society for Buffalo Development • Indian Society for Study of Animal Reproduction • Indian Association for the Advancement of Veterinary Research • Indian Society for Advancement of Canine Practice • Indian Society for Sheep & Goat Production & Utilization • Society of Veterinary Science and Biotechnology • Agro Environmental Development Society.
Editorial board of Scientific Journal	• Nil
Reviewer of Scientific Journals	• Frontiers in Veterinary Science • Frontiers in Reproductive Health. • Tropical Animal Health and Production • Veterinary Research Communications • Small Ruminant Research • Asian Pacific Journal of Animal Reproduction • American Journal of Veterinary Research. • Ruminant Science • The Haryana Veterinarian • The Indian Journal of Animal Sciences. • International Journal of Livestock Research • Open Journal of Animal Sciences • Animal Reproduction Update • Indian Journal of Animal Health
Any Other (if any)	• President, Kabaddi