

Brief Biodata			
Name	:	Dr. Ravinder Kumar	
Designation	:	Principal Scientist	
Discipline	:	Animal Genetics & Breeding	
Email	:	Ravinder774@gmail.com	
Mobile	:	9412830646	
★ <u>Education qualification</u> (Graduation on wards)			
Degree	Subject (s)		Institute
B.Sc (Agri.)	All subjects of Agriculture		CCS University, Meerut
M.Sc (Agri.)	Animal Husbandry & Dairying		CCS University, Meerut
PhD	Animal Husbandry & Dairying		CCS University, Meerut
NET	National Eligibility Test (2004)		Indian Council of Agriculture Research (ICAR)
❖ Area of research			
🇮🇳 Genetic Improvement of Livestock through Field Progeny Testing			
❖ Fellowships/Awards etc. (Not more than five)			
1.	President, Indian Society of Animal Production Management (ISAPM)		
2.	Distinguished Scientist Award		
3.	Best Poster Award		
4.	General Secretary, Society for Advancement of Agricultural Sciences (SAAS) Meerut		
5.	Member, Kendraya Vidhyalya Management Committee, Meerut		
❖ Patent / Technologies / Methodologies / System etc. (Not more than five) :			
1.	Developed India's first new synthetic cattle breed “Frieswal” at ICAR-CIRC, Meerut. Gazette notified by the Government of India. [F. No.-D-04/9/2024-IC-I] New Delhi, the 9th December, 2024		
2.	Methodology developed "Dung Utilization” for sustainable waste management at a commercial dairy Farm		
3.			
❖ Selected Publications: (Max. 20)			
1.	R. Kumar, R. Singh and Rajkumar (2007) Control of Anoestrous Problems in buffaloes through Locally Available Resources. <i>Italian Journal of Animal Science</i> , Vol.6, (Spl.2), 659-62.		
2.	Ravinder Kumar and Rajbir Singh (2010) Buffalo Production System in India. <i>Revista Veterinaria</i> Vol.21(Sup.1) 32-37		

3.	Jagdeep Kumar, Y. P. Singh, Sushil Kumar, Rajbir Singh, Ravinder Kumar* and Pradeep Kumar (2015) Genetic analysis of reproductive performance of Frieswal cattle at Military Farm, Ambala. <i>Veterinary World</i> 8(8): 1032-1037.
4.	Ravinder Kumar , Naresh Prasad, Anil Kumar, T V Raja and A K Das (2020) Cattle production system in Doab area of Uttar Pradesh. <i>Indian Journal of Animal Sciences</i> 90 (1): 90–93,
5.	Rajeev, Ravinder Kumar and Rajbir Singh (2020) Effect of non-genetic factors on first lactation production and reproduction traits in Frieswal Cattle. <i>Indian Journal of Animal Sciences</i> , 90 (12) : 1622–1627.
6.	Ravinder Kumar , H.L. Singh, A K Das, D. Divya, and Sushil Kumar, 2026. Performance of Commercial Cattle Dairy Farming in Meerut District of Uttar Pradesh. <i>Indian Journal of Animal Sciences</i> . 95(10): 953-959.
.....	A K Das, Abhijit Mitra, Ravinder Kumar , Umesh Singh, Sushil Kumar, T V Raja, Rani Alex, K. Anil Kumar A S Sirohi and Siddhartha Saha (2023) Genetic evaluation of Frieswal cattle for first lactation milk yield from smallholder dairy production systems in Kerala State of India. <i>Indian Journal of Animal Sciences</i> . 93 (2): 176–181
*	<u>Full list of Publications (in PDF)</u>
❖ On-going research projects	
1.	GENETIC IMPROVEMENT OF FRIESWAL CATTLE UNDER FIELD CONDITIONS- Field Progeny Testing of Frieswal Bulls. As- Principal Investigator
2.	Productivity Enhancement of Farmers' Cattle through Frieswal Cattle Breed under Field Conditions of the Western Part of Uttar Pradesh. As- Principal Investigator
3.	Optimisation of guide RNA for CRISPR/Cas9- mediated knockout of CD46 in cattle fibroblasts. As Co-Principal Investigator
❖	Research Scholar
1.	04 MSc Students
2.	01 PhD student