

Brief Profile

Dr. Rakesh Kumar

Assistant Professor

Department of Veterinary Pathology

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EDUCATIONAL QUALIFICATION

Programme	College /University	OGPA	Year
BVSc. & A.H	DGCN COVAS, CSKHPKV, Palampur, Himachal Pradesh		2013
M.V.Sc. (Veterinary Pathology)	ICAR-IVRI, Izatnagar, Bareilly, Uttar Pradesh		2015
PhD (Veterinary Pathology)	ICAR-IVRI, Izatnagar, Bareilly, Uttar Pradesh		2022

JOB PROFILE/PROFESSIONAL/ACADEMIC EXPERIENCE

- Joined as Assistant Professor in the Department of Veterinary Pathology, DGCN COVAS, CSKHPKV, Palampur on 20 April, 2017
- Worked as Assistant Professor at Banaras Hindu University (2017)

AWARDS/HONOURS/DISTINCTIONS

- Received “**Prof. S. Ramachandran Memorial Young Scientist award as Best Molecular Oncologist**” in International Veterinary Pathology Congress-2022 (IVPC-2022) during 17th November to 19th November, 2022.
- Received “**Young Scientist Award**” in the RSF Awards 2022 ceremony held virtually on 2th August 2022 by the Royal Science Forum, Salem, India.
- Received “**Best Oral Presentation Award**” on the topic “A report on Parasitic Diseases in Meat Animals of Western Himalayan Region” in the 2nd Virtual International Conference on Advances in Food and Agricultural Science and Technology, held on 27th and 28th August, 2022, virtually organized by Chemically Science Review and Letters, India.
- Received “**Best Oral Presentation Award**” on the topic “Effects of root extract of Saussurea lappa on chemical-induced liver damage in rats” in the 2nd Virtual International Conference on Advances in Food and Agricultural Science and Technology, held on 27th and 28th August, 2022, virtually organized by Chemically Science Review and Letters, India.
- Best poster presentation award (Chemical Science Review and Letters, 2022)
- Received 2nd best oral presentation (Chemical Science Review and Letters, 2022)
- Junior Research Fellowship (JRF) for MVSc. in Veterinary Pathology from ICAR-IVRI (2013)
- Qualified ICAR-SRF for PhD (2015)
- Institutional Scholarship for PhD ICAR-IVRI (2015)
- ICMR Scholarship for PhD at ICAR-IVRI (2016)
- Received ICMR Scholarship for PhD
- Qualified ICAR NET & UGC NET
- Best Poster Presentation Award-ICAR-IVRI

MEMBERSHIP OF SCIENTIFIC/PROFSSIONAL SOCIETIES

- ❑ Indian Association of Veterinary Pathologists (IAVP), Life Member, India
- ❑ Association of Animal Scientists (AAS), Life Member, Jabalpur, Madhya Pradesh, India
- ❑ Himachal Veterinary Council (HVC)
- ❑ Veterinary Council of India (VCI)

AREA OF EXPERTISE

- ❑ Veterinary Pathology, Oncology, Toxicopathology, Ethnoveterinary Science

RESEARCH PROJECTS

Sr. No.	Title of the Project	PI or Co-PI	Funding source	Budget (Lakhs)	Year and Status
1.	Refresher course on Post-mortem Diagnosis with emphasis on Veterolegal investigations	Principal Investigator	RKVY	9.5	2021, Completed
2.	All India network programme (AINP) on Neonatal mortality” in the Department	Co-principal Investigator	ICAR	13.00	2018, Completed
3.	Outreach Programme on Ethno Veterinary Medicine	Co-principal Investigator	ICAR	17.00	2018, Completed
4.	AICRP on poultry Breeding	Co-principal Investigator	ICAR	85.00	2021, Completed
5.	Strengthening the Animal Cancer Diagnostic Laboratory	Co-principal Investigator	State Govt (TSP)	18.0	2023, Completed

PUBLICATIONS PROFILE

Number of:

- **Research papers:** 50; **Extension lectures/Resource person:** 35; **Popular articles:** 35; **Books:** 3; **Chapters/Extension articles:** 15
- **Citation Index:** 390; **h-index:** 6; **i10-index-** 7;
- **G Scholar link:** <https://scholar.google.co.in/citations?hl=en&tzom=-330&user=eL6j34kAAAJ>

PUBLICATIONS

S. No	Authors	Manuscript title	Journal	Naas rating
1.	1Rakesh Kumar, Cut MeurahYeni, NikenAsriUtami, et al.	SARS-CoV-2 infection during pregnancy and pregnancy-related conditions: concerns, challenges, management and mitigation strategies-a narrative review. 2021.14: 863-875	Journal of Infection and Public Health	13.5
2.	2Kuldeep hama, Shailesh Kumar Patel, Rakesh Kumar et al.	Geriatric population during COVID-19 pandemic: problems, considerations, exigencies and beyond Head Title: Geriatrics during COVID-19 pandemic. 2020.8: 574198	Frontiers in public health	12.461
3.	3Kuldeep Dhama, Shailesh Kumar	The role of disinfectants and sanitizers during COVID-19 pandemic: advantage	Environmental Science and	11.190

	Patel, Rakesh Kumar et al.	and deleterious effects on humans and environment. 2021	Pollution Research	
4.	Rakesh Kumar , Sharma R, Rajendra D. Patil et al.	Sub-chronic toxicopathological study of lantadenes of <i>Lantana camara</i> weed in Guinea pigs. 2018 . 14: 129	BMC Veterinary Research	8.74
5.	Jog Raj, Hunor Farkas, Zdenka Jakovcevic, Marko Vasiljevic, Rakesh Kumar and Rajesh Kumar Asrani.	Effects of supplemented multicomponent mycotoxin detoxifying agent in laying hens fed aflatoxin B1 and T2-toxin contaminated feeds. 102(8), 102795. 2023.	Poultry Science	10.2
6.	Chahota R, Sharma P, Rakesh Kumar , Gupta T, Sharma M.	Investigation of an outbreak of sheep pox among native sheep breeds in the Western Himalayas of India. 2022 Feb;46(1):101-107.	Vet Res Commun.	8.82
7.	Rakesh Kumar , Shailesh Kumar Patel, Jigyasa Rana and Talha Bin Emran. 2023.	Tomato flu: need to look beyond the frame. 6:e132	International Journal of Surgery: Global Health.	-----
8.	Abhishek Verma, Rakesh Kumar , Smriti Jamwal, Ankita, Rajendra Damu Patil, Rajesh Kumar Asrani	A case report on chronic renal disease in a captive wild Leopard <i>Panthera pardus</i> (Mammalia: Carnivora)	Journal of Threatened Taxa	5.64
9.	Rakesh Kumar , Poonam, Anmo IBisht, Abhishek	Pathomorphology of canine oral cavity affections: A report of four cases. 2022. 61(S1-2)	Haryana Vet.	5.58
10.	Rakesh Kumar* , Ishita Gupta, Anmol Bisht, Abhishek Kumar, Sonali Mishra, Vipin K Gupta and Rajesh Kumar Asrani	Occurrence of Newcastle disease in backyard poultry: A pathomorphological study. 2022. 46(4): 339-341	Indian Journal of Veterinary Pathology.	5.54
11.	Rakesh Kumar , Mridul Soni, Sahil Choudhary, Rahul Singh, Nitin Virmani, V.K. Gupta and B.N. Tripathi et al.	Cytopathological, ultrasonographic and hematological studies on the ameliorative effects of <i>Saussurea costus</i> (Falc.) Lipsch root extract against DMBA induced mammary tumors in female Sprague Dawley rats. 46 (1): 59-69. 2022.	Indian J. Vet. Pathol.	5.54
12.	Rakesh Kumar* , Rupali Masand, Abhishek Kumar, R.K. Asrani and V.K. Gupta.	Study on incidence, gross and histopathological changes on commonly occurring pathological conditions in rabbits (<i>Oryctolagus Cuniculus</i>) of Himachal Pradesh, India. 2022. 61(1), 9-13	Haryana Vet.	5.58

13. 9.	Rakesh Kumar* , Anmol Bisht, Rajesh Kumar Asrani et al.	Pathomorphological study on parasitic conditions in meat animals in Himachal Pradesh. 2021. 310-314.	Indian J. Vet. Pathol.	5.54
14. 10	Mridul Soni, Rakesh Kumar* , Sahil Choudhary, Rahul Singh, Anmol Bisht, S.P Tayagi	Osteosarcoma in Hind Limb of a Geriatric Dog: A Pathological Study. 2022. 61(1), 157-158.	Haryana Vet.	5.58
15.	Kumar* , Mridul Soni, Rahul Singh, Sahil Chodhary and R.K Asrani	. Subcutaneous myxoma of the neck in a dog: A case report. 2023. 47(1): 105-106.	Indian Journal of Veterinary Pathology	5.54
16.	Smriti Jamwal, Rakesh Kumar , R.K Asrani et al.	Fibrocystic Disease of Mammary Gland in a Guinea Pig: A Case Report.	Indian Journal of Veterinary Pathology	5.58
17. 11	Sahil Choudhary, Mridul Soni, Rakesh Kumar* , Ankur Sharma, Rahul Singh, R.D Patil & R. Asrani.	Pathomorphological study on Lantana toxicity in a Jersey cattle: A case Report. IJLR. 12(4).	IJLR	-----
18.	Rakesh Kumar* , Mridul Soni et al.	A pathological report on rupture of crop associated with parasitism in a hill prinia (<i>Priniasuperciliaris</i>). AS Veterinary Science Journal.	Acta scientific	----
19. 13	Rakesh Kumar , D Sharma et al.	Pathological study of acute fasciolosis in a buffalo. 2021. 14(6): 224-228	Buffalo Bulletin	6.11
20. 14	Shailesh Kumar Patel, Rakesh Kumar et al.	Budesonide: A promising candidate therapeutic for early COVID-19. 2021	Annals of Medicine and Surgery	7.35
21. 5	Rakesh Kumar* , Bisht et al.	Investigations on Mortality in Grass Carp (<i>Ctenopharyngodonidella</i>) Reared under Captive Farming System. 2021. 10(05):127-131.	International Journal of Livestock Reserach.	5.38
22. 16	Rakesh Kumar* , Bisht et al.	Concurrent parasitic infection in four spontaneous cases of free ranging common myna (<i>Acridotherestrictis</i>). 2021.44(4): 271-274	Indian Journal of Veterinary Pathology	5.54
23. 17	RK Asrani, Rakesh Kumar .	Clinical and pathoanatomical effects of mycotoxins in animals. 2021	Mycotoxinsite	----
24. 18	Rakesh Kumar , Moudgil et al.	Parasitic enteritis in the free ranging common Myna <i>Acridotherestrictis</i> (Aves: Passeriformes: Sternidae). 2020. 12(15): 17168-17170	Journal of Threatened Taxa	5.64
25. 19	Rakesh Kumar , Kumar et al.	Clinico-pathological characterization of chronic renal diseases in geriatric dogs. 2020.44(2): 123-128.	Indian Journal of Veterinary Pathology	5.54
26. 20	Rakesh Kumar , Rupali M, Patil, RK Asrani	A case study on pathomorphological findings in intestinal obstruction by enterolith in a horse. 2020. 59(1):142-	Haryana Veterinarian	5.58

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27. 21	Rakesh Kumar, Pallavi Bhardwaj, Shraya Thakur et al.	Tea (<i>Camellia sinensis</i>): A wonderful medicinal herb with multiple health benefits. 2020 . 9 (34): 454-463.	Chemical Science Review and Letters	4.75
28. 22	Anmol Bisht, Rakesh Kumar* , Abhishek Kumar et al.	Clinico-Pathological Study of Chronic Nephropathy Associated with Prostatic Hyperplasia in a Dog. 2020 . 10(8): 205-208.	International Journal of Livestock Research	5.36
29. 23	Rakesh Kumar* , Gulshan Bhardwaj, Devina Sharma et al.	Studies on spontaneously occurring pathological conditions in goats of North Western Himalayan Region. 2020.9(1) : 7-13	Ruminant Science	5.00
30. 24	Rakesh Kumar , A. D. Moudgil, A. Sharma et al.	Concurrent Helminthosis Engendered Gastroenteritis in a Leopard <i>Panthera Pardus</i> . 2019 . 56(4): 323-328	Helminthologia	6.67
31. 25	Sharma R, Chauhan S, Rakesh Kumar , et al.	Apocrine adenoma in canine- a case report. 2019. 58(1):138-139.	Haryana Veterinarian	5.58
32. 26	Rakesh Kumar , K Bhardwaj, R Masand	Pathological investigation on haemonchosis in Chegu goats of Himachal Pradesh. 2018 . 42(4): 299-302.	Indian Journal of Veterinary Pathology	5.54
33. 7	Rakesh Kumar , R, Masand R Gupta VK and Asrani.	Pathology of Cutaneous Mastocytoma in a Dog: Research Note. 2018 . 6(4):77-79.	Veterinary Research international	4.58
34. 28	Atul Kumar, Devina Sharma and Rakesh Kumar	Zoonoses at the Human-Avian Interface: A Review. 2017.2 : 1, 005	BAOJ Veterinary Science	----
35. 29	Pavan Kumar Yadav, Rakesh Kumar et al.	Recent trends in control of ectoparasites: A review. 2017 . 5(2): 808-813	Journal of Entomology and Zoology studies	5.53
36. 0	Sharma R, Kapoor D, Rakesh Kumar	A rare case of verminous pneumonia in domestic rabbit . 2017 . 41(3): 716-717	Journal of Parasitic Diseases	-----
37. 31	Rakesh Kumar and Patil R	Cryptic etiopathological conditions of equine nervous system with special emphasis on viral diseases. 2017 . EISSN: 2231-0916.	Veterinary World	5.71
38. 32	Sharma R, Rakesh Kumar , Mal G, Patil RD et al.	Association of lantadenes contents and Lantana camara weed toxicity in ruminants of Himachal Pradesh, India. 2017 . 6(2): 289-292	Ruminant Science	5.47
39. 33	Rakesh Kumar , Balena V et al.	Nervous System associated pathological conditions in equines: The true Rivals. 2017 . 6(21): 644-652	Chemical Science Review and Letters	4.75
40. 34	Rakesh Kumar , Manu Kurian et al.	Paratuberculosis (Johne's Disease): A Real Threat to Livestock and Livestock Owners . 2017 . 1(1).	Indian Journal of Hospital Infection	-----

41. 35	Rakesh Kumar	Bacterial Immunity and Host Defense Mechanisms. 2017 .1(5)	JOJ Immuno Virology.	
42. 36	Rakesh Kumar, Balena V and Patel SK	Vesicular Diseases in Livestock with Special Reference to Foot and Mouth Disease. 2016 . 11(1): 417-422.	Journal of Pure and Applied Microbiology.	5.05
43. 37	Balena VR, Patel, SK, Rakesh Kumar et al.	Recent trends in spontaneous cases of hemorrhagic septicaemic diseases of bovines. 2016 .11(1): 417-422.	Journal of Pure and Applied Microbiology	5.05
44. 38	R Samoon, Rakesh Kumar* , Y Ahmed et al.	Gross and Histopathological Characterisation of Pulmonary Lesions in Goats. 2016 . 18(1): 70-72.	Journal of Immunology and Immunopathology	4.64
45. 39	Rakesh Kumar* ,Katiyar R, Kumar S et al.	Lantana camara: an alien weed, its impact on animal health and strategies to control. 2016 . 4(3S).	Journal of Experimental Biology and Agricultural Sciences	-----
46. 40	Rakesh Kumar and Sharma R.	Spontaneous cardiopathy in a guinea pig . 2016 . 5(2): 843 – 845.	International Journal of Science, Environment and Technology	3.98
47. 41	R. Kumar* , V. Balena V, Katiyar R et al. 016.	A case report on Dystrophic calcification in goat. 2016 .7: 133-135	Journal of Livestock Science	4.93
48. 42	Rakesh Kumar* , Rahul Katiyar, Surender Kumar et al.	Coccidiosis in a goat kid. 2016 . 5(2): 839-842.	International Journal of Science, Environment and Technology	3.98
49. 43	Rakesh Kumar, SK Patel, SR Reddy BV, R Singh.	Pathomorphological alterations in liver of goats in Bareilly region–A brief study. 2015 . 4(1):181-184.	Ruminant Science	5.47
50. 44	Rakesh Kumar, Patel SK, Reddy VR et al.	Apoptosis and Other Alternate Mechanisms of Cell Death. 2015 . 10(10): 646-668	Asian Journal of Animal and Veterinary Advances	-----

DECLARATION:

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

RAKESH KUMAR