

## Know more about Professor R K ASRANI

**FULL Name:** Rajesh Kumar Asrani

**Present Positions:**

1. Librarian, CSK HPKV, Palampur continuing since 3.07.2023
2. Head, Department of Veterinary Pathology, DGCN COVAS, CSKHPKV, Palampur continuing since 19.05.2021
3. Head (Addl. Charge), Department of Livestock Products Technology, DGCN COVAS, CSKHPKV, Palampur continuing since 02.03.2022

**DATE of Birth:** 11<sup>th</sup> October, 1965

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### Employment history:

January 2009 to till date	<p>Professor, Department of Veterinary Pathology, COVAS, CSK HPKV, Palampur from Jan 2009 to till date during which held/presently holding following positions</p> <ul style="list-style-type: none"><li>• <b>Head</b>, Department of Veterinary Pathology continuing since 19.05.2021</li><li>• <b>Head</b> (Addl. Charge), Department of Livestock Products Technology continuing since 02.03.2022</li><li>• <b>Librarian</b> (Addl. Charge), CSKHPKV, Palampur continuing since 03.07.2023</li><li>• <b>Associate Director (Research)</b>, CSKHPKV, Palampur from 05.05.2023 to 2.07.2023.</li><li>• <b>Associate Director (Extension Education)</b>, CSKHPKV, Palampur from 01.03.2023 to 04.05.2023.</li></ul> <p><i>Other Management responsibilities successfully handled</i></p> <ul style="list-style-type: none"><li>• <b>Co-coordinator (Veterinary Pharmacist Cell) from 2015 to 2024</b> to supervise the conduct of annual examination of over 4000 students of Veterinary Pharmacists across the state in at least 25 different examination centers</li><li>• <b>Coordinator (Admissions) continuing since 2022</b> and have successfully supervised the admission process of UG and PG programmes in all the constituent colleges of the university</li></ul>
December 2006- December 2008	Selected as Brain Pool Fellow by the <b>Korean Federation of Science and Technology (KOFST)</b> , South Korea and worked as <b>Visiting Professor</b> in the Department of Veterinary Pathology at Chonnam National University, Gwangju, South Korea for 2 years

September 2001 to December 2008	Associate Professor, Department of Veterinary Pathology, COVAS, CSK HPKV, Palampur including two years period spent in S. Korea as Visiting Professor
February 1994 to September 2001	Assistant Professor, Department of Veterinary Pathology, COVAS, CSK HPKV, Palampur
April 1995	Visiting Scientist, University of Strathclyde, Glasgow, UK
September 1992 to January 1994	Assistant Scientist-Department of Veterinary Microbiology, CSK HPKV, Palampur under the United States Department of Agriculture (USDA)-ICAR funded Research project
August 1991 to September 1992	Scientist- National Avian Health Labs, Gurgaon, India under the United States Department of Agriculture (USDA)-ICAR funded Research project

### Academic qualifications:

Degree	Institute/ University	Year	Subject(s) with major field	Fellowship/ Scholarship	Division/ Grade/ Marks	Remarks
BVSc& AH (Hons)	College of Veterinary Sciences, HAU, Hisar	1984-89	Vety. Sciences	Merit	First/ 3.66/4.00 80.37%	---
MVSc	College of Veterinary Sciences, HAU, Hisar	1989-91	Vety. Pathology	Merit	First/ 3.73/4.00 84.6%	---
PhD	College of Veterinary Sciences, HAU, Hisar	1997-2000	Vety. Pathology	Inservice candidate	First/ 4.0/4.090.0 %	---

### Major Achievements

On Reviewer Panel of many peer reviewed National and International journals	Toxins, Toxicology and Industrial Health, Journal of Applied Toxicology, Journal of Ethno-Pharmacology, International Journal of Livestock Production, African Journal of Biotechnology, Journal of Medicinal Plants Research, Indian Journal of Veterinary Pathology, Haryana Veterinarian
Member of Professional Societies	<ul style="list-style-type: none"> <li>Board of Directors, Asian Foundation for the Advancement of Veterinary and Animal Science, South Korea,</li> <li>Life Member -Indian Association of Veterinary Pathologists, Association of Avian Health Professionals and Society for Immunology and Immunopathology</li> <li>Member-Editorial Board, Indian Journal of Veterinary Pathology since 2015</li> <li>Editor- Veterinary Research International (2016-2021)</li> </ul>
Who's Who in Medicine and Healthcare	Earned a place among the most important contributors in field of Medicine and Healthcare (included in its 7 <sup>th</sup> edition)
Scientific Awards	Conferred with several awards/recognition from various Professional Associations/Institutes in my service career such as

	<ul style="list-style-type: none"> <li>• Young Scientist Award 1994,</li> <li>• Travel grant Awards- ICAR, New Delhi (1993),</li> <li>• Visiting Scientist 1995, University of Strathclyde, Glasgow, UK,</li> <li>• Selected for Travel Grant Award from Houghton Trust, UK (1995 &amp; 1997),</li> <li>• Selected for Travel Grant Award from British Poultry Science, UK (1999),</li> <li>• Ganti A Sastry Award 1997 from Indian Veterinary Association (IVA),</li> <li>• Certificate of Appreciation 1998 from USDA,</li> <li>• Young Scientist Scholarship from World Poultry Science Association, Canada (2000),</li> <li>• IAVP/Varsha Group Award 2001 for best contribution in Poultry Pathology,</li> <li>• P Rama Rao Award 2001 on best PhD thesis from Indian Association of Veterinary Pathologists (IAVP),</li> <li>• Gang Mana Sharma Award 2001 from IAVP,</li> <li>• C M Singh Award 2002 from IAVP,</li> <li>• SavitreeJebiahahSinha Award 2003 from IAVP,</li> <li>• Nemi Chand Jain and JawaharLalVegad Team Research Award 2006 from IAVP,</li> <li>• Brain Pool Fellow from Korean Federation of Science and Technology-2006 to work as Visiting Professor 2006-2008 at Chonnam National University, Gwangju, South Korea (then ranked among the top 200 Universities of the World),</li> <li>• Distinguished Professor Award 2008 from Asian Foundation for the Advancement of Veterinary and Animal Science, Korea</li> </ul>
Visits abroad	<ul style="list-style-type: none"> <li>• Australia (1993) to present research work (oral presentation),</li> <li>• UK (1995) on visiting assignment,</li> <li>• Hungary (1997) to present research work (oral presentation),</li> <li>• The Netherlands (1999) to present research work (oral presentation),</li> <li>• Canada (2000) to present research work (poster presentation),</li> <li>• Pakistan (2005) as part of delegation team form CSKHPKV led by Hon'ble Vice-Chancellor, CSKHPKV, Palampur,</li> <li>• South Korea (2006) on visiting assignment for 2 years after being selected as Brain Pool Fellow by KOFST,</li> <li>• Taiwan (2007) to attend Joint Meeting of the 3<sup>rd</sup> Meeting of the Asian Society of Veterinary Pathology (ASVP), Association of Asian Veterinary Schools (AAVS) and the 2<sup>nd</sup> Asian Conservation Medicine/Wildlife Pathology Workshop (ASZWM) at National Taiwan University, Taipei, from Chonnam National University, South Korea</li> </ul>
Major teaching initiatives	<ul style="list-style-type: none"> <li>• &gt; 32 years of experience in teaching Veterinary Pathology</li> <li>• MVSc students guided as Major Advisor = 18</li> <li>• PhD student guided (Co-guide with CSIR-IHBT, Palampur) = 1</li> <li>• MSc student guided (Co-guide with Ayurvedic College, Paprola) = 1</li> <li>• Advisory Committee member of MVSc and PhD students = 35</li> <li>• Conducted a nationwide survey on UG students from 11 SAU's of the</li> </ul>

	<p>country to understand the needs and constraints being faced by them in teaching methodology and practical exposure in the discipline of Veterinary Pathology.</p> <ul style="list-style-type: none"> <li>• An electronic product entitled, “<b>Illustrative and interactive Media on General Pathology for Veterinary and Medical students</b>” was developed under my supervision for both undergraduate and postgraduate teaching. An innovative product based on our novel idea has animated features to assist the students to understand the pathological changes in different disease conditions and includes self-exercises to facilitate teacher-student interaction. This product incorporates around 540 pictures and has printable text material comprising 30 to 40 pages in each chapter. In addition, it has refreshing pictures of tourist destinations of Himachal Pradesh donated by the Department of Tourism, HP and over 300 life quotes (Life’s good messages).</li> <li>• Member of the BSMA Committee of the ICAR on Para-Clinical Subjects to revise the academic regulations and PG course curriculum for MVSc and PhD programmes. A number of new courses have been introduced in the discipline of Veterinary Pathology.</li> <li>• Contributed in the development of department museum which is now stocked with over 1500 specimens of different disease conditions of livestock and poultry including wildlife for on the spot teaching of students and farmers.</li> <li>• Strengthened teaching labs of the department of Veterinary Pathology with latest technology Interactive Flat Panel Display System</li> </ul>
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Research Projects handled	PI or Co-PI/ Associated Scientist	Title of Project (s)	Period (From-To)	Amount / Budget	Funding agency
	Associated Scientist	Epidemiology and immuno-diagnosis of <i>Chlamydia psittaci</i> infections in sheep and goats	1992-1994	> 60 lakhs	USDA-ICAR
	Co-PI	Studies on etio-pathology of common diseases of Angora and broiler rabbits and its control in Himachal Pradesh	1998-2001	13.65 lakhs	ICAR
	Co-PI	“Outreach Programme on Ethno-Veterinary Medicine”	2010-2014	35 lakhs	ICAR
	PI	“Outreach Programme on Ethno-Veterinary Medicine”	2014-2018	54 lakhs	ICAR
	PI	Strengthening of Animal	2021-	18 lakhs	TSP-State

		Cancer Diagnostic Laboratory	2022		Govt.
	Co-PI	Refresher Course on Post mortem diagnosis with emphasis on vetero-legal investigations	2022-2023	9.5 lakhs	RKVY-State Govt.
	Co-PI	Evaluation of preventive effect of medicinal plants of Lahaul and Spiti region against development of mammary tumors in rats.	2023-2024	5.1 lakhs	HIMCO STE, State Govt.
	Co-PI	Hepatoprotective effects of some phyto-genic formulation in chicken model of fatty liver diseases	2024-2025	2.45 lakhs	Zenex Animal Health India Pvt. Ltd.
	Co-PI	Enhancement of socio-economic status of scheduled caste communities in Kangra, Chamba and Mandi districts of Himachal Pradesh through scientific advancements in livestock practices focusing on the equine population	2024-2025	9.15 lakhs	ICAR-NRCE, Hisar
Major Research Activities	<ul style="list-style-type: none"> <li>Hydropericardium syndrome (litchi disease) struck poultry for the first time in HP in the year 1997. The disease originated from Angara, Pakistan. Studied its disease pattern, pathology and the pathogenesis and developed an autogenous liver homogenate vaccine of which over 1.5 lakh doses were distributed to the poultry farmers of the state free of cost in the year 1997 to curtail the disease, studied susceptibility pattern of broiler chicken, Japanese quail, ducklings and pigeons to HPS. The work was published in the leading international journal (Veterinary Record) and was presented by myself at the international scientific platforms in Hungary and Canada and by my MVSc student at Turkey. The work has been widely cited within the country and abroad.</li> <li>Established international collaboration with the University of Missouri, Columbia, USA under which guided 6 MVSc students for their research work on various aspects of mycotoxins (common environmental pollutants), initiated work on fumonisins, moniliformin and ochratoxins, studied their interaction with each other and with pathogen <i>Salmonella Gallinarum</i>, published research papers in leading international journals of high impact</li> </ul>				

	<p>factor such as Avian Diseases, Avian Pathology and Poultry Science and has been presented by my MVSc student at Turkey.</p> <ul style="list-style-type: none"> <li>• Successfully handled ICAR research project, “Outreach Programme on Ethno-VeterinaryMedicine” with budget outlay of Rs 42 lakhs from Nov 14 to Aug 2018. Nearly 70 medicinal plant species have been identified in the Himalayan region based on information from the local people and the tribal population of Chamba and Lahaul&amp;Spiti district. <i>Saussurealappa</i> has shown promising effect in liver damage against <i>Salmonella</i> infections (Poultry typhoid). Ethno-Veterinary laboratory is established in the department which is now conducting research work on different medicinal plants. The work has been published in the leading international journals of high impact factor such as Journal of Ethnopharmacology, and has been presented by my student at the leading international platform in Scotland in the year 2018.</li> <li>• Worked in the USDA-ICAR project, “Epidemiology and immunodiagnosis of <i>Chlamydia psittaci</i> infections in sheep and goats”We have established association of <i>Chlamydia psittaci</i> with abortions/ pneumonia/ conjunctivitis/ enteritis in Gaddi sheep &amp; goats, cattle, buffaloes, equines, pigs and free flying birds and chickens from Himachal Pradesh, established Japanese quail as experimental model for pneumonic and abortion isolates of <i>Chlamydia psittaci</i> recovered from goat and other animal species. Published 15 Research papers as first author/co-author on <i>Chlamydia psittaci</i>. Received Young Scientist award 1994 on oral presentation from IAVP and Ganti A Sastry Award 1997 on the best paper published in Indian Veterinary Journal. The work was presented by me at the World Veterinary Poultry Association Congress at Hungary in 1997.</li> </ul>
Publications/ Presentations	<ul style="list-style-type: none"> <li>• <b>Research Publications &gt; 120</b>including 25 research papers in the top American, British and other European Journals</li> <li>• <b>Book Chapters = 10</b> including 4 chapters in international books published by Nova Publishers, Inc NY, USA, Academic Press, UK and Woodland Publishing, UK</li> <li>• <b>Laboratory Manuals = 5</b></li> <li>• <b>Documentary Film = 1</b> for Poultry farmers in association with CCS HAU, Hisar</li> <li>• <b>Interactive Electronic Media on General Pathology = 1</b> developedfor students of Veterinary Pathology and Medical students</li> <li>• <b>Compendium = 2</b></li> <li>• <b>Papers presented in symposia/workshop/conferences&gt; 60</b></li> <li>• <b>Lectures delivered in training courses/Farmers Meet etc&gt;100</b></li> <li>• <b>Popular articles = 30</b></li> </ul>
Publications in the leading international journals	<ul style="list-style-type: none"> <li>• Avian Diseases,</li> <li>• Avian Pathology</li> <li>• Poultry Science</li> <li>• Veterinary Record</li> <li>• Mycopathologia</li> <li>• Journal of Comparative Pathology</li> <li>• Journal of Ethnopharmacology</li> <li>• Helminthologia</li> </ul>

	<ul style="list-style-type: none"> <li>• Journal of Helminthology</li> <li>• Comparative Clinical Pathology</li> <li>• Annals of Phytomedicine</li> <li>• Environmental Toxicology</li> </ul>						
Worldwide Google Scholar citations of work of Dr R K Asrani as on 18.02.2025	<table border="1"> <thead> <tr> <th>Work Citations</th> <th>h-index</th> <th>i10-index</th> </tr> </thead> <tbody> <tr> <td>1337</td> <td>19</td> <td>29</td> </tr> </tbody> </table> <p><a href="https://scholar.google.co.in/citations?user=8Q8EI9wAAAAJ&amp;hl=en">https://scholar.google.co.in/citations?user=8Q8EI9wAAAAJ&amp;hl=en</a></p>	Work Citations	h-index	i10-index	1337	19	29
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1337	19	29					
External Examiner for MVSc and PhD students	<ul style="list-style-type: none"> <li>• &gt; 35 which includes thesis/oral comprehensive examination of PG/PhD students of LUVAS, Hisar (Haryana), IVRI-Izatnagar (UP), SKUAST-Jammu, SKUAST-Kashmir, RAJUVAS-Bikaner, GADVASU-Ludhiana, BASU-Patna</li> </ul>						
Success of students (As Major Guide)	<ul style="list-style-type: none"> <li>• Dr S Deshmukh and Dr Harsh Deep were selected as Pathologists with the leading National Private Concern “The Venketashwara Hatcheries, Pune” at its Poultry Disease Diagnostic Labs at Panchkula and Jalandhar in 2002 and 2003, respectively.</li> <li>• Dr S Deshmukh received SavitreeJebiahahSinha Award 2003 from Indian Association of Veterinary Pathologists during the Annual conference at Jabalpur (Madhya Pradesh) on the best poster presentation.</li> <li>• Dr S Deshmukh was selected as Pathologist at Drug Discovery Lab of Nicholas Piramal Research Center at Mumbai</li> <li>• DrSubhash Sharma presented MVSc research work conducted under my supervision at World Veterinary Poultry Congress held at Istanbul, Turkey from August 22 to 25, 2005.</li> <li>• Dr S Deshmukh presented MVSc research work conducted under my supervision at World Veterinary Poultry Congress held at Istanbul, Turkey from August 22 to 25, 2005.</li> <li>• Dr S Deshmukh and DrDeepa Sharma received Nemi Chand Jain and JawaharLalVegad Award 2006 for team research for outstanding work on mycotoxins from Indian Association of Veterinary Pathologists at Triputi, Andhra Pradesh.</li> <li>• Dr S Deshmukh was selected as Assistant Professor at GADVASU, Ludhiana in Jan 2007 where he is presently working as Associate Professor.</li> <li>• The following MVSc students guided by me as Major Advisor have cleared their ICAR NET examinations-DrSidharathDeshmukh, DrSubhash Chand Sharma, DrManzoor Ahmad Khan, DrVikramPatial, DrSuman Roy, DrTribhuvna Singh, DrHemlataGautam, DrShalini Thakur, DrRakshita Sharma, DrSahilChaudhary, DrMridulSoni</li> <li>• DrVikramPatial was selected as Assistant Professor, Faculty of Biological Sciences, CSIR-IHBT, Palampur in Oct 2013 where he is presently working as Scientist</li> <li>• DrSuman Roy, MVSc student was selected as Scientist C at Shriram Institute for Industrial Research, New Delhi on July 15, 2013 where he worked up to 30<sup>th</sup> April, 2014 and was later selected as Jr. Research Scientist-Pathology and Inhalation Toxicologist at Krish Biotech Research</li> </ul>						

	<p>Pvt. Ltd., Kolkata on 8<sup>th</sup> May, 2014 where he is presently working.</p> <ul style="list-style-type: none"> <li>• DrTribhuvna Singh was appointed as Farm Manager at Central Poultry Development Organization, Chandigarh.</li> <li>• DrHemlataGautam was selected as PhD Scholar at Saskatchewan University, Canada.</li> </ul>
<p>Major Extension Education activities</p>	<ul style="list-style-type: none"> <li>• I was given additional charge of Head, Department of LPT in March 2022. Under my leadership, first the milk plant of the department was made functional and a new initiative was taken to collect the milk from the farmers of the adjoining villages of Palampur to make available pure dairy products to the consumers. About 150 to 200 lts of milk collected from the farmers is being processed daily at the Milk Plant. Farmers are being paid up to Rs 48/- per lts depending upon the quality of milk. This model is successfully running at present. The milk products such as Pasteurized milk, Curd, Paneer, Khoa, Burfi and Shreekhand are being made available at present from its sale counter. The milk plant is generating income to the tune of Rs 45,000 to Rs 60,000/- per month depending upon the quantity of milk processed. The plant is also aimed at teaching Entrepreneurship skills to the students of BVSc and AH programmes, B. Tech (Food Technology) and the youth population of the state.</li> <li>• Delivered over 100 lectures in various training courses for farmers, attended 40 disease outbreaks in different parts of Himachal Pradesh to provide disease diagnostic services and health cover to livestock.</li> <li>• Contributed in the development of documentary film of 20 minutes duration on poultry farming in Hindi language for farmers</li> <li>• Established an excellent coordination with Veterinary Clinics and the Pathology related Diagnostic test reports are delivered to the clients (farmers/pet owners) within two hours of collection of samples. 36 autopsy samples, 51 biopsy and 487 clinical samples were processed for diagnosis by the department during the year 2022-23.</li> <li>• Organized a Refresher training course on <i>Veterinary Laboratory Diagnosis</i> for Veterinary Officers and Senior Veterinary Officers of state in 2001 in which 72 field veterinarians participated for updating their knowledge and skills in disease diagnosis.</li> <li>• Co-organized a National Symposium on “Recent Advances in diagnosis of diseases of Livestock, Poultry and Wildlife with special emphasis on hill area diseases’ in 2002 at CSKHPKV, Palampur. Over 200 delegates from all over the country participated.</li> <li>• Organized a workshop on “Prospects of quail farming in Himachal Pradesh and reform needs in the agricultural universities for revolution in the agricultural and animal husbandry sectors on May 28, 2012. Over 50 delegates from the state department of Animal Husbandry participated.</li> </ul>

	<p>DrTejPartap, Hon'ble Vice-Chancellor and Dr Ravi Kumar, Director, Central Poultry Breeding farm, Chandigarh inaugurated the workshop.</p> <ul style="list-style-type: none"> <li>OrganizedBSMA Committee Meeting of ICAR for Veterinary Para-Clinical Subjects for revision of PG Course Curricula and Academic regulations from Nov 12-13, 2018 which was inaugurated by Hon'ble Vice-Chancellor, CSKHPKV, Palampur in which 50 delegates from different parts of the country participated for deliberations on course curriculum and academic regulations.</li> <li>As a Course Director successfully conducted a training course with a multi-institutional and a multi-disciplinary approach for field Veterinarians on the topic "Post-mortem diagnosis with emphasis on veterolegal investigations". Established a net working with the faculty from Regional Forensic Laboratory, Dharamshala, Divisional Forest Office, Palampur, Advocates, faculty and staff from CSIR-IHBT, Palampur and the Department of Animal Husbandry, HP. This training was first of its kind in the state of HP in which 81 Veterinary Officers were given training during the period from 6<sup>th</sup> December 2022 to 3<sup>rd</sup> March 2023. The training course was inaugurated by Hon'ble Vice-Chancellor DrHarinder Kumar Chaudhary and lot of education material including colourful charts and posters were released during the occasions.</li> </ul>
<p>Resource fund generated from outside ICAR/University regular grants/funds</p>	<ul style="list-style-type: none"> <li>Initiated Revolving Fund Scheme of the Department of Veterinary Pathology and making all-out efforts to lead the department as self-dependent one.</li> <li>The Revolving Fund Scheme of the department of LPT has got a big booster under my supervision since March 2022 and the daily sale of the milk and milk products through sale counter is Rs 5000/- to Rs 10000/-. The department of LPT is now self-dependent in terms of its day to day requirements.</li> </ul>
<p><b>Linkages established (National/International)</b></p>	<ul style="list-style-type: none"> <li>Established international collaboration with the University of Missouri, Columbia, USA for research work on mycotoxins</li> <li>Established international collaboration with private sector after personal online meeting with the CEO of a Swedish Company, Patent Co. which has its branches in more than 70 countries and has submitted Academia-Industry project proposal entitled "Ameliorative efficacy of mycotoxin binder against experimentally induced combined Aflatoxin B1 and T2 toxicity in broiler birds" with budget outlay of around 12 lakhs for approval of ICAR, New Delhi. A MoU in this regard has been submitted by the university to the ICAR, New Delhi for necessary permission and approval.</li> </ul>
<p>Additional Major responsibilities successfully handled/</p>	<ul style="list-style-type: none"> <li>I have worked as<b>Co-coordinator (Vety Pharmacist Cell) from 2015 to 2024</b> and successfully supervisedthe conduct of Annual theory and practical examinations of Veterinary Pharmacist traineesat more than 25 such</li> </ul>

<p>handling (Administrative, Academic, Co-curricular, Monitoring, Management, Coordination, Reporting, Evaluation, Member of Committees, Participation in Meetings, Assignments etc.</p>	<p>institutes involving annual examination of over 4000 students in different examination centers of the state.</p> <ul style="list-style-type: none"> <li>• I have been working as <b>Coordinator (Admissions) since 2023</b> and have successfully supervised the admission process of UG and PG programmes in all the constituent colleges of the university.</li> <li>• I was appointed as a Member of Broad Subject Matter Area (BSMA) Committee of the ICAR on Para-Clinical Subjects vide ICAR letter F.No. 7/6/2017-EQR dated 4.04.2018 to revise the academic regulations and PG course curriculum for MVSc and PhD programmes. A number of new courses have been introduced which have been successfully implemented in the country such as <b><u>MVSc Courses</u></b>  VPL 606 NECROPSY CONFERENCE,  VPL 611 PATHOLOGY OF WILD/ZOO AND AQUATIC ANIMAL DISEASES,  <b><u>PhD Courses</u></b>  VPL 701 MOLECULAR AND ULTRASTRUCTURAL BASIS OF CELL INJURY  VPL 702 MOLECULAR BASIS OF INFLAMMATION  VPL 703 MOLECULAR BASIS OF NEOPLASIA,  VPL 707 PATHOLOGY OF IMPORTANT EMERGING AND RE-EMERGING DISEASES OF PETS AND LIVESTOCK</li> </ul> <ul style="list-style-type: none"> <li>• Served as <b>Hostel Warden</b> (UG and PG hostels of Veterinary College) from 30 March 2013 to 16 Sept 2014 and have remained associated in various capacities in the sports and co-curricular activities of the students. Contributed in the Infrastructure development in the Monal Hostel (UG and PG) included laying of new sewerage line, establishment of basketball court with poles, common room repair, tiling work in the A block, copper wiring in the entire hostel, new LED TV, 70 study chairs, 35 common room chairs, cleaning of water tanks after 10 years, clean and filtered water supply in the hostel, provision for washing machines in the hostels, got the design prepared for new UG block (Block C) of the hostel</li> <li>• I was appointed Incharge of the Committee to facilitate the smooth conduct of inspection of the general facilities of DGCN COVAS during the visit of VCI Inspectors from September 1-3, 2021. The committee was given the responsibility to figure out the modus operandi of the visit of inspectors and collect and collate the information with respect to the facilities created/provided and manpower available as per VCI regulations in DGCN COVAS. The assigned work was successfully accomplished.</li> </ul>
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	<ul style="list-style-type: none"> <li>• As Member of Selection committee, CSIR-IHBT, Palampur, Bihar Public Service Commission, Patna, Punjab Public Service Commission, Patiala, Banaras Hindu University, Varanasi, SKUAST-Jammu, LUVAS, Hisar and Gadvasu-Ludhiana successfully conducted the interviews for the post of Sr. Technical Officers, Veterinary doctors and Assistant Professors.</li> <li>• Appointed Chairman of the committee to devise the mechanism for admissions based on entrance tests NEET (UG) 2021 and AIEEA (UG) 2021 in the university and accordingly prepared the information for the Prospectus for entrance test based admission based on NEET (UG) 2021 and AIEEA (UG) 2021 and merit based admissions to College of Basic Sciences and College of Community Science of the university. I visited Ministry of Human Health and Family Welfare, New Delhi, National Testing Agency, New Delhi, ICAR, New Delhi and the Directorate of Medical Education and Research, Shimla in connection with successful execution of entrance test based admissions which were being introduced for the first time in the university. The university admissions were successfully conducted for the academic year 2021-22 based on the revised prospectus for various programmes of the university.</li> <li>• Nominated as a Member of the Committee for preparing the draft for overall/common Memorandum of understanding to be signed between CSK HPKV and CSIR-IHBT notified vide Registrar, CSK HPKV letter No. QSD.11-3(2)/CSK HPKV/Acad/29594-611 dated 23.6.2018.</li> <li>• Nominated as an Expert by the Education Division, ICAR for evaluating the short course entitled, “Recent approaches in Diagnostic Pathology and Oncology” to be held from 12.11.2018 to 2.12.2018 under the CAFT in Veterinary Pathology at GADVASU, Ludhiana.</li> <li>• I was appointed Co-Coordinator for conducting the Entrance Test-2021 for Masters’ programmes of the University by the Registrar, CSK HPKV, Palampur vide his office letter No. QSD. 7-2/Acad/CSKHPKV/2021/33068-81 dated 8.6.2021 and successfully accomplished the assigned task.</li> <li>• Member of the sub-Committee constituted by the Dean, PGS, CSK HPKV, Palampur vide his office letter No. QSD/1-34/2020/CSKHPKV/DPGS/Acad/366-78 dated 28.4.2021 to suggest the draft proposal on academic regulations, and structural changes to be made in academic regulations governing PG programme of the university</li> <li>• Chairman of the committee constituted by the Dean, PGS vide his office letter No. QSD/2-24 (ix)/CSKHPKV/DPGS/1406-09 dated 28.6.2021 to prepare a draft proposal on Palampur Veterinary Microbiology Alumni PG scholarship.</li> <li>• Chairman of the Committees for making arrangements during the Visit of Hon’ble Chancellor to the campus, NITI Aayog meeting, meeting during the visit of delegates from the University of Melbourne, meeting during the visit of 6<sup>th</sup> Deans Committee Chairman to the campus, Brain storming meeting on Intensification and sustenance of Pulses in North Hill Zone of India held on 24<sup>th</sup> Sept. 2021, Vice-Chancellor’s Doctoral breakfast for PhD scholars of the university</li> <li>• I was given a major responsibility to prepare a preliminary draft on roadmap</li> </ul>
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	<p>of CSKHPKV for National Education Policy-2020 based on reports from other quarters of the university</p> <ul style="list-style-type: none"> <li>• Assigned Additional charge of the Head, Department of Livestock Products Technology, CSKHPKV, Palampur vide Registrar office letter No. QSD.6-560/06-CSKHPKV (Estt.)/vol.II/16786-885 dated 28.2.2022 and still continuing with this additional responsibility</li> <li>• I am nominated member of the Academic Council of the university from DGCN COVAS for the period of two years w.e.f. 7.5.2022</li> <li>• I have successfully completed my 2 years tenure as Secretary, Board of Studies, DGCN COVAS after I was appointed in the year 2021.</li> <li>• I have successfully completed my tenure as Co-Coordinator, External and Internal examinations for BVSc and AH programme from September, 2009 to June 2011.</li> <li>• I was a member of the Committee from COVAS notified by the Government of Himachal Pradesh for better linkages between the Department of Animal Husbandry and the College of Veterinary and Animal Sciences.</li> <li>• Served as Professor Incharge, Games and Sports, Cultural and Literary Activities from the college for the year 2013-14 and for the year 2018-19.</li> <li>• I was appointed Convener, Anti Ragging Committee constituted by the SWO, CSK HPKV, Palampur to monitor the interaction of senior students for the year 2013-2014</li> <li>• Member of the Committee with Dean, COA as Chairman to formulate the application form for recruitment of Assistant Professor and equivalent positions as per revised score card as per the Registrar notification No. QSD.8-93/CSKHPKV/Rectt./2020/70761-67 dated 11.12.2020.</li> <li>• Chairman of the Committee to monitor, inspect and check the quality and quantity of milk being supplied to the consumers by the Livestock Farm Complex vide Dean, COVAS letter No. QSD.DCOVAS-CSKHPKV/VII-16(GA)-3914-33 dated 27.7.19.</li> <li>• Appointed member of the College level Collegiate Student Grievances Redressal Committee for resolving grievances of the students related to higher educational institutions notified by the Dean, DGCNCOVAS vide his office letter No. QSD.DCOVAS/VIII-24 (Acad)/3241-69 dated 5.8.2021</li> <li>• Invited as an Expert member to revise the ARS syllabus pertaining to Veterinary Pathology discipline for ASRB, ICAR, New Delhi.</li> <li>• Appointed Convener of the Anti-Ragging Committee notified by the office of the Dean, COVAS vide his office letter No. QSD/DCOVAS/VIII-9 (i)/Acad/9882-9911 dated 25.2.2022</li> <li>• Member of the committee notified by the office of the Registrar, CSKHPKV, Palampur vide his office letter No. QSD.6-27/CSKHPKV (GA) Vol-IV/12571-676 dated 11.2.2022 to assist the Nodal Officer of the University for making Contract/signing MoU with the TQ Cert Services and finalizing the formalities etc.</li> <li>• I was a member of the committee who revisited existing regulations governing affiliation of private institutions with CSKHPKV and actively contributed in placing the revised regulations for affiliations before</li> </ul>
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	<p>university authorities.</p> <ul style="list-style-type: none"> <li>Member of the Committee to review the University Information Brochure and Prospectus for Entrance based Admissions and Merit based admissions for the academic year 2022-23 notified vide Registrar office letter No. 7-2(2)/Acad/CSKHPKV/2022-23/30080-94 dated 20.4.2022</li> </ul>
<b>Miscellaneous Activities as President, Veterinary and Animal Science Teachers Association, DGCN COVAS</b>	<ul style="list-style-type: none"> <li>Organized World Veterinary Day 2019 to mark the celebration of the day (27th April, 2019) with blood Donation camp, mini marathon run and Cultural night 'Mehak" (the events in which Hon'ble Vice-Chancellor, CSK HPKV was invited as the Chief Guest) and the events such as Poetry competition, quiz show in which school kids participated, slogan writing competition, poster making competition and anti-rabies vaccination. The college function was graced by DrShri Kant Sharma, President, NAVS, New Delhi and former Vice-Chancellor, LUVAS, Hisar.</li> </ul>

**List of Publications (25 best)**

<b>Authors</b>	<b>Year</b>	<b>Title with full reference*</b>	<b>Journal with volume &amp; page number</b>	<b>NAASJournalID/Rating</b>
1. Rakesh Kumar, SahilChoudhary, MridulSoni, Rahul Singh, Sanjay Kumar and <b>R. K. Asrani</b>	<b>2024</b>	Augmentation of cytotoxicity and apoptotic activity in human breast cancer MCF-7 cells by <i>Saussureacostus</i> (Falc.) <i>Lipsch</i> roots.	Annals of Phytomedicine 13(2): 1-6, 2024.	7.7
2. Rakesh Kumar, Bhardwaj P, Soni M, Singh R, Choudhary S, Virmani N, <b>Asrani RK</b> ,Patial V, Sharma D, Gupta VK and Tripathi BN	<b>2024</b>	Modulation of mammary tumour progression using murine model by ethanol root extract of <i>Saussureacostus</i> (Falc.) <i>lipsch</i> .	Journal of Ethnopharmacology 319: 117302.	10.8
3. Jaikaria, Rakesh Kumar, <b>Asrani RK</b> ,Jamwal S, Verma A, Joshi GS, Bisen HK, Patial V, Sharma D, Kumar R, Kumar A,	<b>2024</b>	Unveiling the anticarcinogenic potential of <i>Inularacemos</i> a Hook. f. root extract against DMBA-induced mammary tumour in Sprague Dawley rats. 2024 Sep	EnvironmentalToxicology20. doi: 10.1002/tox.24419.	10.4

PatilRD.				
4. Moudgil AD, Moudgil P, <b>Asrani RK</b> and Agnihotri R K	<b>2019</b>	Hydatidosis in slaughtered sheep and goats in India: prevalence, genotypic characterization and pathological studies.	<b>Journal of Helminthology</b> 94, e27, 1–5. <a href="https://doi.org/10.1017/S0022149X18001219">https://doi.org/10.1017/S0022149X18001219</a> .	7.30
5. Kumar R, Moudgil AD, Sharma A, Sharma R, Patil RD, <b>Asrani RK</b>	<b>2019</b>	Concurrent helminthosis engendered gastroenteritis in a leopard <i>Pantherapardus</i>	<b>Helminthologia</b> , 56, 4: 323 – 328	7.10
6. Moudgil, A D, <b>Asrani R K</b> , Sharma R, Sharma D and Agnihotri, R	<b>2019</b>	Seasonal prevalence and pathology of hepatic parasitic afflictions of Gaddi (breed) goats in North Western Himalayas.	<b>Biological Rhythm Research</b> , 1-8.	7.00
7. Meenakshi Thakur, <b>R K Asrani</b> , Shalini Thakur, P K Sharma, R D Patil, BrijLal and Om Parkash	<b>2016</b>	Observations on traditional usage of ethnomedicinal plants in humans and animals of Kangra and Chamba districts of Himachal Pradesh in North-Western Himalaya, India	<b>Journal of Ethnopharmacology</b> 191: 280-300	10.8
8. ShailjaKatoch, Mandeep Sharma, L. K. Verma, <b>R.K. Asrani</b> , Sandeep Kumarand SubhashVerma.	<b>2015</b>	Experimental study of pathogenicity in rabbits following intranasal exposure to <i>Pasteurellamultocida</i> capsular type B.	<b>Journal of Comparative Pathology</b> 153:160-166	6.80
9. Patial, V., <b>Asrani, R.K.</b> , Patil, R.D., Ledoux, D.R. and Rottinghaus, G.E.	<b>2013</b>	Pathology of ochratoxin A–induced nephrotoxicity in Japanese quail and its protection by Sea buckthorn ( <i>Hippophaerhamnoides</i> L.)	<b>Avian Diseases</b> , 57:767–779	7.30
10. Deepa Sharma,	<b>2012</b>	Toxic Interaction Between	<b>Avian Diseases</b> ,	7.30

R. K. Asrani, D. R. Ledoux, G. E. Rottinghaus, V. K. Gupta		Fumonisin B <sub>1</sub> and Moniliformin for Cardiac Lesions in Japanese Quail.	56:545-554	
11. Gupta, S, Jindal, N., Khokhar, R. S., Asrani, R. K., Ledoux, D. R. & Rottinghaus, G. E.	2008	Individual and combined effects of ochratoxin A and <i>Salmonella entericaserovarGallinarum</i> on pathological changes in broiler chickens.	<b>Avian Pathology</b> 37: 265-272	8.50
12. Sharma, D., Asrani, R. K., Ledoux, D. R., Jindal, N., Rottinghaus, G. E. and Gupta, V. K.	2008	Individual and combined effects of fumonisin B <sub>1</sub> and moniliformin on clinicopathological and cell mediated immune response in Japanese quail.	<b>Poultry Science</b> 87: 1039-1051	9.80
13. Deshmukh, S., Asrani, R. K., Ledoux, D. R., Rottinghaus, G. E., Bermudez, A. J. and Gupta, V. K.	2007	Pathologic changes in extrahepatic organs and agglutinin response to <i>SalmonellaGallinarum</i> infection in Japanese quail fed <i>Fusariumverticillioides</i> culture material containing known levels of fumonisin B <sub>1</sub> .	<b>Avian Diseases</b> 51: 705-712	7.30
14. Asrani, R K, Katoch, R C, Gupta, V K, Deshmukh, S, Jindal, N, Ledoux, D R, Rottinghaus, G E, and Singh, S. P.	2006	Effects of feeding <i>Fusariumverticillioides</i> (formerly <i>F. moniliforme</i> ) culture material containing known levels of fumonisin B <sub>1</sub> in Japanese quail ( <i>Coturnixcoturnix Japonica</i> )	<b>Poultry Science</b> 86: 1129-1135.	9.80
15. Deshmukh, S., Asrani, R K, Ledoux, D R,	2005	Individual and combined effects of <i>Fusariummoniliforme</i> culture	<b>Avian Diseases</b> 49: 592-600	7.30

Jindal, N., Bermudez, A J, Rottinghaus, G E, Sharma, M and Singh, S P.		material, containing known levels of fumonisin B <sub>1</sub> , and <i>SalmonellaGallinarum</i> infection on liver of Japanese quail.		
16. Deshmukh, S., <b>Asrani, R K</b> , Jindal, N., Ledoux, D R, Rottinghaus, G E, Sharma, M and Singh, S P.	<b>2005</b>	Effects of <i>Fusariummoniliforme</i> culture material containing known levels of fumonisin B <sub>1</sub> on progress of <i>SalmonellaGallinarum</i> infection in Japanese quail: Clinical signs and hematologic studies.	<b>Avian Diseases</b> 49: 274-280	7.30
17. Kumar, A., Jindal, N., Shukla, C. L., <b>Asrani, R. K.</b> , Ledoux, D. R. and Rottinghaus, G. E.	<b>2004</b>	Pathological changes in broiler chickens fed ochratoxin A and inoculated with <i>Escherichia coli</i> .	<b>Avian Pathology</b> 33: 413-417.	8.50
18. Chahota, R, Sharma, M, Katoch R C, Verma S, Singh, M M, Kapoor, V and <b>Asrani, R K.</b>	<b>2003</b>	Brucellosis outbreak in an organized dairy farm involving cows and in contact human beings in Himachal Pradesh, India.	<b>VeterinarskiArhiv</b> 73 (2): 95-102. 2003.	6.40
19. <b>Asrani, R K</b> , Sadana, J R, Chand, P and Khatri, M.	<b>2002</b>	Imunohistochemical detection of <i>Listeria ivanovii</i> in formalin fixed paraffin embedded tissue sections.	<b>Indian Journal of Animal Sciences</b> 72: 652-655	6.20
20. <b>Asrani, R.K.</b> , Gupta, V. K., Sharma, S. K., Singh, S. P. and	<b>1997</b>	Hydropericardium-hepatopathy syndrome in Asian poultry	<b>Veterinary Record</b> 141:271-273	7.80

Katoch, R. C.				
21. Joshi, V B, Katoch, R C, Nagal, K B, Batta, M K, <b>Asrani, R K</b> & Sharma, M	<b>1997</b>	Serosurvey of <i>Chlamydia psittaci</i> infections among livestock and humans employing complement fixation test.	<b>Journal of Applied Animal Research</b> 11:163-168.	7.30
22. Batta, M K, Joshi, V B, <b>Asrani, R K</b> , Sharma, M, Katoch, R C & Nagal, K B.	<b>1996</b>	<i>Chlamydia psittaci</i> infections among migratory sheep and goats in Himachal Pradesh.	<b>Journal of Applied Animal Research</b> 9: 245-249. 1996.	7.30
<b>23. Asrani, R. K.</b> , Gupta, R. K. P., Sadana, J. R. and Pandita, A.	<b>1993</b>	Experimental candidiasis in Japanese quail: Pathological changes.	<b>Mycopathologia</b> 121: 83-89.	9.60
24. Sadana, J. R., <b>Asrani, R. K.</b> and Pandita, A.	<b>1992</b>	Effect of dietary aflatoxin B <sub>1</sub> on the growth response and haematologic changes of young Japanese quail.	<b>Mycopathologia</b> 118: 133-137.	9.60
<b>25. Pandita, A.</b> , Sadana, J. R. and <b>Asrani, R. K.</b>	<b>1991</b>	Studies on clinical signs and haematological alterations in pneumonic aspergillosis due to <i>Aspergillus flavus</i> in Japanese quail.	<b>Mycopathologia</b> 116:11 9-123	9.60

Date and Place: 18.2.2025/Palampur

(R K Asrani)