

### Faculty Profile Information

<b>Name</b>	Dr Ramesh Kumar Sharma
<b>Designation</b>	Professor & Head
<b>Contact Address</b>	Division of Animal Nutrition, Faculty of Veterinary Sc. & AH SKUAST-Jammu, R S Pura, Jammu, Pin- 181 102
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<b>Mobile</b>	9419160249, 7889765252
<b>Professional Experience</b>	<ul style="list-style-type: none"> <li>➤ 30 Years</li> <li>➤ Working at R. S. Pura Campus of Sher-e- Kashmir University of Agricultural Sc. &amp; Technology of J&amp;K and Jammu, with effect from March 05, 1990</li> <li>➤ Guided research of 03 PhD and 13 MVSc students as Major advisor and 17 PhD and more than 100 MVSc students as Member, Advisory committee.</li> </ul>
<b>Awards/honours/ scholarships/fellowships</b>	<ul style="list-style-type: none"> <li>➤ Recipient of Gold Medal for securing first position in BVSc &amp; AH programme of SKUAST (J&amp;K).</li> <li>➤ Recipient of Dr. S. P. Arora best paper award for paper “Nitrogen solubility and dietary protein fractions of various feedstuffs. <i>Indian J. Anim. Nutr.</i>, 14(3): 139-147.</li> <li>➤ Recipient of the best review paper award for the paper “Effect of dietary fat on reproduction in dairy cows: a review. <i>Intas Polivet</i>, 5(2): 240-247.</li> <li>➤ Recipient of Dr. S. K. Ranjhan Award for Best Doctoral Thesis in Animal Nutrition.</li> <li>➤ Recipient of ‘IVRI-SRF’ for Ph.D. and ‘RKSDJ’ merit scholarship for B. V. Sc. &amp; A.H.</li> <li>➤ Fellow of Animal Nutrition Association (2017-18), India</li> <li>➤ Fellow of National Academy of Veterinary Nutrition and Animal Welfare (2019), India</li> <li>➤ Recipient of 15 best paper awards at National/International conferences.</li> </ul>
<b>Area of specialization</b>	Animal Nutrition
<b>Research interests</b>	Unconventional feeds, Nutraceuticals; Feed Technology
<b>Total no. of publications (referred journals)</b>	53
<b>Selected publications (Best five)</b>	<ol style="list-style-type: none"> <li>1. Sharma, R. and Singh, B. 1997. Performance of calves fed low and high rumen undegradable concentrate mixtures. <i>Journal of Applied Animal Research</i>, 12(2): 187-196.</li> <li>2. Sahoo, A., Sharma, R. K., Kurade, N. P., Bhat, T.K. and Singh, B. 2004. Effect of tanniniferous top feed on parasitic load in calves in the North- West- Humid</li> </ol>

	<p>Himalayan region. <i>Journal of Applied Animal Research</i>, 12(2): 187-196.</p> <p>3. Singh, B., Sahoo, A., Sharma, R. K. and Bhat, T.K. (2005). Effect of polyethylene glycol on gas production parameters and nitrogen disappearance of some tree forages. <i>Animal Feed Science and Technology</i>., 123-124: 351-364.</p> <p>4. Sharma, R. K., Singh, B. and Sahoo, A. 2008. Exploring feeding values of oak (<i>Quercus incana</i>) leaves: nutrient intake and utilization in calves. <i>Livestock Science</i>, 118: 157-165.</p> <p>5. Ajitpal, Sharma, R. K., Kumar R. and Barman, K. 2010. Effect of replacement of concentrate mixture with iso-nitrogenous leaf meal mixture on growth, nutrient utilization and rumen fermentation in goats. <i>Small Ruminant Research</i>. 91: 132-140.</p>
<b>No. of Books/manuals/ Monographs</b>	Book : 01, Training Compendiums edited: 11, Teaching Manuals: 11, Technical Bulletins: 07 and Pamphlets: 13.
<b>Research Projects as PI/Nodal officer</b>	<ul style="list-style-type: none"> <li>➤ As PI: 'Nutritional Evaluation of Feedstuffs Available in Jammu' funded by Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (2007-14)</li> <li>➤ As Co-PI: Augmenting Utilization of Paddy Straw in Ruminant Ration (funded by Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (2013-2018)</li> <li>➤ As Co-PI: 'Quality Assessment of Milk and Milk Products Available in Local Markets of Jammu' (funded by Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu).</li> <li>➤ As PI: Development of commercial protocol for condensed tannins enriched multi-nutrient blocks', funded by RKVY (2015-2017).</li> </ul>
<b>Other achievements if any (Please specify)</b>	<ul style="list-style-type: none"> <li>➤ Organizing Secretary of VI Biennial Conference of Animal Nutrition Association on "<i>Strengthening Animal Nutrition Research for Food Security, Environment Protection and Poverty Alleviation</i>" September 15-17, 2006.</li> <li>➤ Course Coordinator of 21 days training programme on "<i>Advances in Animal Health &amp; Production with Special Reference to Northern Hilly Area</i>", February 25-March 17, 2005.</li> <li>➤ Course Director of ICAR Winter School on '<i>Quality Control of Feed Ingredients &amp; Compounded Feeds</i>' December 2-22, 2009.</li> <li>➤ Coordinator of Seminar on '<i>An update on goat nutrition</i></li> </ul>

	<p><i>and feeding</i>' with American Soybean Association-International Marketing on 7<sup>th</sup> July, 2009.</p> <ul style="list-style-type: none"> <li>➤ Convener of Seminar on '<i>Eco-friendly Livestock Production Systems</i>' in collaboration with Ministry of Environment &amp; Forests, Govt. of India on 14<sup>th</sup> March, 2013.</li> <li>➤ Organizing Secretary of 2<sup>nd</sup> National Conference of Indian Academy of Veterinary Nutrition and Animal Welfare on '<i>Nutrition-health interactions for optimum livestock production &amp; human welfare</i>' September 19 – 21, 2013.</li> <li>➤ Co-course Director for Twenty-one days training programme on '<i>Recent trends in optimization of livestock Health and Production with special emphasis to hilly areas</i>' November 29 - December 19, 2013.</li> <li>➤ Training Co-ordinator of Twelve Training programmes/Refresher courses for Veterinary Officers from Sheep and Animal Husbandry Departments, Jammu.</li> <li>➤ Patent Published: Surfactant aided improved methodology of urea-ammoniation of straw (application no. 201711044268 published on 12/01/2018)</li> <li>➤ Patent Published: Isolation of a fraction with prebiotic activity from rumen liquor (application no. 201811022602 published on 22/06/2018).</li> <li>➤ App development: Developed farmer friendly android app '<i>Dudharoo</i>' for formulation of balanced ration of dairy animals.</li> <li>➤ Designed and developed low-cost manually operated multi-nutrient block and densified complete feed block making machines.</li> </ul>
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