

1. Name	:	Dr. Pratiksha Raghuwanshi
2. Designation	:	Professor
3. Contact Address	:	Division of Veterinary Physiology & Biochemistry, F.V.Sc. & A.H., SKUAST-J, R. S. Pura, Jammu-181102 (J&K)
4. E-mail	:	pratiksha.rastogi@gmail.com
5. Mobile Number	:	09419173831
6. Professional Experience	:	<p>16 years 10 months</p> <ul style="list-style-type: none"> ➤ Teaching Assistant, GBPUAT from January 2002 to June 2002. ➤ Assistant Professor, Division of Vety. Physiology & Biochemistry, SKUAST-Jammu, 2008 to 2012. ➤ Assistant Professor (Senior Scale), Division of Vety. Physiology & Biochemistry, SKUAST-Jammu, 2012 to 2017. ➤ Assistant Professor (Selection Grade), Division of Vety. Physiology & Biochemistry, SKUAST-Jammu, 2017 to 2020. ➤ Associate Professor, Division of Vety. Physiology & Biochemistry, SKUAST-Jammu, 2020 to 2023. ➤ Professor, Division of Vety. Physiology & Biochemistry, SKUAST-Jammu, 2023 till date.
7. Awards/ Honours/ Scholarships/ Fellowships	:	<ul style="list-style-type: none"> i. ICAR JRF for M. V. Sc. (2002) ii. ICMR-JRF for PhD (2004) iii. IVRI-SRF for PhD (2004) iv. CSIR-NET and JRF for PhD (2006) v. Best Poster presentation Award, IAVNAW (2013) vi. Third best poster presentation award, IAVNAW (2015) vii. Second best poster presentation award, SOCDAB (2016) viii. Best Poster presentation award, SBBS (2017) ix. Best Oral paper presentation award. SBBS (2017) x. Best poster presentation award, ANSI (2018) xi. Excellence in Teaching award by Society for Bioinformatics and Biological Sciences (2018). xii. Second best oral paper award, SIDAVES (2019) xiii. Best presentation award, ANSI (2019) xiv. Best Presentation award, I-E-CABS-2021 xv. Member, National Academy of Veterinary Sciences (2020-21) xvi. Best oral presentation awards at National conference of NAVNAW-2022.

		xvii. Second best poster presentation award awards at National conference of NAVNAW-2022 xviii. IDP-NAHEP International Training fellowship xix. Third best Oral Presentation Award at 3rd Biotechnology Conclave and National Conf. at GBPUAT, Pantnagar. Nov 20-22, 2023. xx. Best Poster Presentation award at 6th J&K Agricultural Sciences Congress on at SKUAST-J, Feb 8-10, 2024. xxi. Second best Poster Presentation Award at WVPA Conf. -2024 at NIANP, Bengaluru. Feb 15-16, 2024. xxii. Best Paper Presentation award at, SVBBICON 2025 at Mathura. xxiii. SVBBI senior Scientist of the year 2023 award.
8. Area of Specialization	:	Veterinary Biochemistry
9. Research Interests	:	Molecular Diagnostics, Protein chemistry & Clinical Biochemistry
10. Total Number of Publications	:	➤ Research articles: 24 ➤ Patents Granted: i. India Patent no. 439666: Haq, Z., Rastogi, A., Sharma, R.K., Raghuwanshi, P. , Kumar, S. 2018. Isolation of a fraction with prebiotic activity from rumen liquor. Granted on 20/07/2023 ii. Patent no. 499770: Chopan, F.A., Rastogi, A., Sharma, R.K., Raghuwanshi, P. Surfactant aided improved methodology of urea-ammoniation of straw. Granted on 16/01/2024 ➤ Popular articles: 06 ➤ Compendiums/Proceedings chapters: 51 ➤ Book Chapters: 25 ➤ Conference Proceeding: 45 ➤ Technical Bulletin: 01 ➤ Extension Publications (Pamphlets): 28 ➤ E-book: 01

11. Selected Publications (Best Five)	:	<ul style="list-style-type: none"> ➤ Singh, P., Raghuwanshi, P., Rastogi, A., Sharma, R. K., Kumar, A., Gupta, I., Basit, F.A., Kour, R. and Haq, Z. 2023. Supplementation of a Prebiotic Fraction Isolated from Rumen Liquor in Broiler Chicken Diets: Effects on Haematology, Hepatic Function Tests and Lipid Profile. <i>Agricultural Mechanization in Asia, Africa and Latin America</i>, 54: 06, 14285-14295, ISSN: 00845841. ➤ Zargar, R., Raghuwanshi, P. Koul, A. L., Rastogi, A. Khajuria, P., Wahid, A. and Kour, S. 2022. Hepatoprotective effect of seabuckthorn leaf-extract in lead acetate-intoxicated Wistar rats. <i>Drug and Chemical Toxicology</i>, 45:1, 476-480, DOI: 10.1080/01480545.2020.1775630. ➤ Khajuria, P., Raghuwanshi, P., Rastogi, A., Koul, A.L., Zargar, R. and Kour, S. (2018). Hepatoprotective effect of seabuckthorn leaf extract on streptozotocin induced diabetes mellitus in wistar rats. <i>Indian Journal of Animal Research</i>, 52 (12): 1745-1750. ➤ Khajuria, P., Raghuwanshi, P., Koul, A. L., Rastogi, A. Kour, S. and Singh, V.P. (2018). Effect of Dietary Cholesterol and Niacin Supplementation on Serum Enzymatic Alterations in Experimentally Induced Renal Dysfunction in Wistar Rats. <i>Journal of Animal Research</i>, 8(9): 579-586. ➤ Godara, R., Parveen, S., Katoch, R., Yadav, A., Verma, P.K., Katoch, M., Kaur, D, Ganai, A., Raghuwanshi, P. and Singh, N.K. 2014. Acaricidal activity of extract of <i>Artemisia absinthium</i> against <i>Rhipicephalus sanguineus</i> of dogs. <i>Parasitol. Research</i>, 113(2): 747-754.
12. Student Advisory		<p>PhD</p> <ul style="list-style-type: none"> ➤ Major Advisor- 03 (Two theses awarded “Best Thesis award”) ➤ Member advisory committee- 08 <p>M. V. Sc.</p> <ul style="list-style-type: none"> ➤ Major Advisor)- 04 ➤ Member advisory committee-19 <p>B. V. Sc. & A. H.-26</p>
13. No of Books/ Manuals/ Monographs	:	<ul style="list-style-type: none"> ➤ Teaching Manuals: 14 ➤ Training Manual: 02
14. Seminar/Workshops/Conferences attended		36

15. Extension Trainings associated with		10
16. Research Projects as PI/ Nodal Officer	:	Development of an Android App for diagnosis of common livestock diseases
17. Other Achievements if any (Please specify)	:	<ul style="list-style-type: none"> ➤ Developed farmer friendly android app “<i>Dudharoo</i>” for formulation of balanced ration of dairy animals. ➤ Developed android app ‘<i>VetValues</i>’, a reference guide for practicing veterinarians. ➤ Reviewer for National and International Journals: <ul style="list-style-type: none"> i. Journal of Animal Research ii. International Journal of Agriculture Sciences iii. The Haryana Veterinarian iv. Agricultural Science Research Journal v. South African Journal of Chemical Engineering vi. Pharmaceutical Biology vii. International Journal of Livestock Research viii. Journal of Drug and Chemical Toxicology ix. Journal of Diabetes Research, Egypt x. Andrologia, UK xi. Asian Journal of Research in Zoology, India xii. Asian journal of Biochemistry, Genetics and Molecular Biology, India xiii. Journal of advances in Medical and Pharmaceutical Sciences, India xiv. European Journal of Medicinal Plants, India. xv. Pharmaceutical Research International, India xvi. Plant cell Biotechnology and Molecular Biology, India. xvii. Asian Journal of Cardiology Research, India xviii. Asian Journal of Research in Biochemistry, India xix. Asian Journal of Research in Animal and Veterinary Sciences ➤ Associate Editor- International Journal of Agricultural Sciences (Bio Info Publications; Membership Id 919039AA02) (2017) ➤ Member Scientific Advisory Board, International Journal of Livestock Research, India. ➤ Associated as expert with a comprehensive and innovative online agricultural portal “Apni Kheti.” ➤ Member Editorial board, Society of Vety. Biochemists and Biotechnologists of India. ➤ Life membership of Scientific and Professional Societies: <ul style="list-style-type: none"> i. Indian Biophysical Society ii. Indian Academy of Vety. Nut. & Anim. Welfare (IAVNAW) iii. Animal Nutrition Society of India (ANSI)

	<ul style="list-style-type: none"> iv. Society for Integrated Development of Agriculture, Veterinary and Ecological Sciences (SIDAVES) v. Society for Bioinformatics and Biological Sciences (SBBS) vi. Indian Association of Women Veterinarians (IAWV) vii. Indian Society for Advancement of Canine Practice, India viii. Society for Community Mobilization for Sustainable development, India ix. Society of Veterinary Biochemists and Biotechnologists of India (SVBBI).
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