


	<hr/> <p><b>Dr. Raisbhai M Rajpura,</b>  <b>M. V. Sc., Ph. D (Poultry Science)</b>  <b>Assistant Professor</b>  Dept. of Animal Science,  B. A. College of Agriculture,  Anand Agricultural University,  Anand, Gujarat - 388 110, INDIA  +91 9408423121  <a href="mailto:raisvet@gmail.com">raisvet@gmail.com</a>, <a href="mailto:raisvet@aau.in">raisvet@aau.in</a></p> 
<p>—  <b>Personal Information</b></p>	<hr/> <p>Date of Birth: 23<sup>rd</sup> May, 1983</p>
<p>—  <b>In Brief</b></p>	<hr/> <p>I, Dr. Raisbhai M Rajpura, M. V. Sc., Ph. D. (Poultry Science) working as Assistant Professor at Anand Agricultural University, Anand, Gujarat and involved in teaching &amp; research activities of Livestock &amp; Poultry Science subject includes Management, Nutrition &amp; Feeding, Farm, Hatchery &amp; Health care Management. My expertise is managing commercial broiler, layer and broiler breeder birds with precise nutrition and management for better and cost effective production focusing primarily on immunity, health care and welfare issues of birds. I, published various scientific research articles in national and international journals and also published popular articles and book chapters in local language for livestock &amp; poultry farming community.</p>
<p>—  <b>Experience</b></p>	<hr/> <p><b>1. Assistant Professor at Anand Agricultural University, Anand, Gujarat - 388 110</b>  27<sup>th</sup> March 2012 - Present,  At university, my major role and responsibilities as Assistant Professor are:</p> <ul style="list-style-type: none"> <li>• Under Graduate teaching of Livestock &amp; Poultry Science subject.</li> <li>• Post Graduate teaching of Poultry Science subject</li> <li>• Advisor/ Guiding to Post Graduate - M. V. Sc. (Poultry Science) students.</li> <li>• Plan and frame out the research program for M. V. Sc. (Poultry Science) students.</li> <li>• Involved in research activities related to Poultry Science at university level</li> <li>• Presently handling two prestigious project of the Anand Agricultural University as Co-PI.</li> </ul>

	<ul style="list-style-type: none"> <li>o ICAR-World Bank funded project on “Establishing a Centre for Agricultural Market Intelligence Under National Agricultural Higher Education Project (NAHEP)- Centre for Advanced Agricultural Science and Technology (CAAST). In this project I look after the market structure and activities of Poultry Sector. Under this project a webinar on “Market Dynamic in Poultry Sector: Perspective and challenges” was organized during 17-18 September, 2020 and also organized a lecture series on “Incredible Chicken Egg” on 9<sup>th</sup> October, 2020 as a celebration of World Egg Day.</li> <li>o Working as Co-PI in Project of “One Health Poultry Hub”, funded by UK Research and Innovation (UKRI) through the Global Challenges Research Fund (GCRF). Under this project we looking towards safer poultry production.</li> </ul> <p><b>2. Assistant Professor at Sardarkrushinagar Dantiwada Agricultural University, Gujarat – 385 506</b>  From 9<sup>th</sup> April 2010 to 26<sup>th</sup> March 2012  At university, my major role and responsibilities was</p> <ul style="list-style-type: none"> <li>• Under Graduate teaching of Livestock &amp; Poultry Science subject.</li> <li>• Involved in research activities related to Poultry Science at university level</li> </ul> <p><b>3. Veterinary Officer at Venkys (India) Limited (VH Group) Pune, Maharashtra - 411 030</b>  From 20<sup>th</sup> August 2008 to 04<sup>th</sup> April 2010  At Venkys broiler breeder farm my major role and responsibilities was</p> <ul style="list-style-type: none"> <li>• Nutrition, health care and routine management of Vencobb broiler breeder flocks of different age groups.</li> <li>• Advise and instruct the farm supervisors for management of Vencobb broiler breeder flocks for maximum performance.</li> <li>• Monitor routine farm management work and farm activities.</li> <li>• Human resource management at farm level.</li> </ul>
<p>—  <b>Education</b></p>	<hr/> <p><b>Ph. D (Poultry Science) - 2019</b>  Anand Agricultural University, Anand, Gujarat India – 388 110  <b>Thesis Topic:</b> Effect of varying dietary crude protein and tryptophan levels on production performance of white leghorn birds.  <b>Credit Seminar 1:</b> Mycotoxins: Prevalence, Effects and Counteracting Strategies in Poultry  <b>Credit Seminar 2:</b> Gut Health in Poultry: Issues, Challenges and Way Forward</p> <p><b>M. V. Sc. (Poultry Science) - 2009</b></p>

	<p>Anand Agricultural University, Anand, Gujarat India – 388 110  <b>Thesis Topic:</b> Effect of varying levels of energy and protein on growth performance of coloured crossbred broilers.  <b>Credit Seminar:</b> Automation: Need of Indian Poultry Farming</p> <p><b>B. V. Sc. &amp; A. H. (Veterinary Science &amp; Animal Husbandry) - 2006</b>  Sardarkrushinagar Dantiwada Agricultural University,  Sardarkrushinagar, Gujarat India - 385 506</p>
<p>—  <b>Short Term Research Projects Handled</b></p>	<ol style="list-style-type: none"> <li>1. Health and Bio-security measures adopted by commercial poultry farmers of Anand taluka (2015- Completed)</li> <li>2. Effect of tryptophan supplementation at two levels of crude protein in layer ration on production performance of White Leghorn birds (2017- Completed).</li> <li>3. Comparative study of efficacy of different methods of probiotic application on broiler performance (2020-Completed).</li> <li>4. Exploring Chicken Microbiome, its Microbial resistant (AMR) gene profile and production potential in response to antibiotics and feed additives (2020 Continue)).</li> <li>5. Replacement of maize with wheat on broiler performance (2020-Completed).</li> </ol>
<p>—  <b>Publications (Research Articles in National &amp; International Journals)</b></p>	<hr/> <ol style="list-style-type: none"> <li>1. <b>Rajpura, R. M.</b>, Savaliya, F. P., Khanna K. and Patel, A. B. (2010). Growth and feed efficiency in coloured crossbred broiler reared on different dietary energy and protein levels. Indian Journal of Poultry Science 45(2)</li> <li>2. <b>Rajpura, R. M.</b>, Savaliya, F. P., Khanna K. and Paleja H. I. (2010). Effect of varying levels of energy and protein on nutrient utilization of coloured crossbred broilers. Indian Journal of Poultry Science.45(2)</li> <li>3. Chauhan, H. D., Prajapati, K. B. <b>Rajpura, R. M.</b> and Modi, R. J. (2011). Feed and water intake of Kankrej cows under different housing systems. Indian Journal of Dairy Science 64 (2), 176</li> <li>4. Ghasura R. S., Sheikh A. S., Aswar B. K, <b>Rajpura R. M.</b> and Charan Rohit (2012) Constraint analysis of poultry farm entrepreneurs in Banaskantha district. Wayamba Journal of Animal Science ISSN: 2012-578X; P P390-393</li> <li>5. Ghasura R. S., Sheikh A. S., Aswar B. K., <b>Rajpura R. M.</b>, and Charan Rohit (2013) Constraints Faced by Poultry Farm Entrepreneurs in Banaskantha District, Gujarat <b>International Journal of Rural Studies (IJRS)</b>, 20 (2) 1-5.</li> <li>6. Khorajiya, J. H., Mathakiya, R. A., Joshi, B. P., Prajapati, K. S., Acharya, A. T. and <b>Rajpura, R. M.</b> (2015) Isolation, identification,</li> </ol>

biological characterization and patho-epidemiology of genotype-XIII Newcastle disease virus outbreak in commercial vaccinated broiler farms. *Indian Journal of Poultry Science*, 50(2), 132-137.

7. Patel, Y. G., Trivedi, M. M., **Rajpura, R. M.**, Savaliya, F. P. and Monika, P. (2016). Udder and teat measurements and their relation with milk production in crossbred cows. *Int. J. Environ. Sci. Technol.* 5 (5), 3048-3054.
8. Khatri, S.B., Trivedi, M. M., Patel, Y. G. and **Rajpura, R. M** (2017). Udder and teat measurements and their relation with Milk production in buffaloes. *International Journal of Advanced Biological Research*, 7 (3), 582-584 ISSN 2250 – 3579
9. Bhedi, K. R., Nayak, J. B., Brahmabhatt, M. N., Roy, A., Mathakiya, R. A. and **Rajpura R. M.** (2018). Detection and Molecular Characterization of Methicillin-Resistant *Staphylococcus aureus* Obtained from Poultry and Poultry House Environment of Anand District, Gujarat, India. *International Journal of Current Microbiology and Applied Sciences*: 7 (02) 867-872. ISSN: 2319-7706
10. Patel, Y.G., Trivedi, M. M. and **Rajpura, R. M.** (2020). Relationship Between Incidences of Subclinical Mastitis With Udder & Leg Hygiene Score in Crossbred Cows. *International Journal of Science, Environment and Technology*. 9 (4), 660-665
11. Palak Tripathi, Patel, A. B., Bhagora, N. J., Savaliya, F. P., Mishra, R. K., **Rajpura, R. M.** (2020). Effect of Dietary Supplementation of Protease Enzyme on Performance of Commercial Broiler Chicken. *Ind. J. Vet. Sci. and Biotech*, 16 (2,3,4) DOI: 10.21887/ijvsbt.16. (2,3 & 4).14
12. Bhagat, V. R., Mishra, R. K., Patel, A. B., **Rajpura, R. M.**, Bhagora, N. J. & Savaliya, F. P. (2020). Effect of Varying Levels of Dietary Protein and Energy on Performance of Commercial Broiler Chicken. *Ind. J. Vet. Sci. and Biotech*, 16 (2,3,4) DOI: 10.21887/ijvsbt.16. (2,3, &4).18
13. Islam, M. M., Shah, S. V., Patel, Y. G. & **Rajpura, R M.** (2020) Effect of different feeding regimes on productive performances of HF × Kankrej crossbred cows. *Indian Journal of Animal Sciences* 90 (11): 1509–1512.
14. Ghasura, A. S., Savaliya, F. P., **Rajpura, R. M.**, Patel, A. B., Bhagora, N. J., & Patel, N. M. (2021). Effect of Dietary Supplementation of Choline from Different Sources on Performance and Economics of Commercial Broiler Chicken. *The Indian Journal of Veterinary Sciences and Biotechnology*, 17(2), 82.
15. Patel J.V., Trivedi M.M., **Rajpura R. M.**, Pandya P. R. And Modi R.J (2022). Effect of Chemical Amendments of Litter on the Performance Index and Economic Parameters of Commercial Broiler Chicken. *International Journal of Agriculture Sciences*, 14 (10) :11768-11770.

	<p>16. Patel, J. V., Trivedi, M. M., <b>Rajpura, R. M.</b>, &amp; Modi, R. J. (2023). Effect of Chemically Altered Litter on Welfare Parameters of Commercial Broiler Chicken. <i>Indian Journal of Veterinary Sciences &amp; Biotechnology</i>, 19(1), 27-31.</p>
<p>— <b>Publications (Lead Paper)</b></p>	<hr/> <ol style="list-style-type: none"> <li>1. R. M. Rajpura &amp; F. P. Savaliya (2019). Gut health in poultry: issues, challenges and way forward, lead paper presented at national seminar on “biotechnological Advances for improving Animal Health and Productivity” VII Annual Convention of SVSBT &amp; National Seminar on “Biotechnological Advances for improving Animal Health and Productivity during 5-6 December, 2019 organized by Dept. of Animal Biotechnology, College of Veterinary Science &amp; AH, NAU, Navsari in Collaboration with SVSBT, Indore</li> <li>2. R. M. Rajpura (2022). Intestinal barrier dysfunction, enterococcus infection &amp; spondylitis in broiler and broiler breeders. Lead Paper at Vets in Poultry 4<sup>th</sup> AGM &amp; Symposium held at Lonaval, Maharashtra during 27-28th August, 2022.</li> <li>3. R. M. Rajpura (2023). Cellular Energy: Novel approach to reduce feed cost and improve performance through Guanidinoacetic acid in Poultry. Published at World Veterinary Poultry Association (India) Conference on Recent advance in Avian Disease and Management: a global Perspective, scheduled from 24th – 25th February, 2023 at CoVSc. &amp; AH., NDVSU, Jabalpur (M.P.), India</li> </ol>
<p>— <b>Seminar/ Webinar/ Lectures Organized</b></p>	<hr/> <ol style="list-style-type: none"> <li>1. Organized Two days’ webinar on “Market Dynamic in Poultry Sector: Perspective and challenges” organized by Dr. R. M. Rajpura as Co-PI in collaboration with NAHEP – CAAST during 17-18 September, 2020.</li> <li>2. Organized One-day lecture series on “Incredible Chicken Egg” on 9<sup>th</sup> October, 2020 as a celebration of World Egg Day -2020 organized by Dr. R. M. Rajpura, Department of Animal Science, BACA as Co-PI in collaboration with NAHEP –CAAST Project, AAU, Anand.</li> <li>3. Organized One-day lecture series on “Goodness of Chicken Egg: Nature’s Perfect Food” as a celebration of World Egg Day - 2022 organized by Dr. R. M. Rajpura Department of Animal Science, BACA and NAHEP-CAAST Project, AAU, Anand on 14/10/2022</li> </ol>
<p>— <b>Awards</b></p>	<hr/> <ul style="list-style-type: none"> <li>• Received a Padmshree DR. B. V. RAO Poultry Entrepreneurs awards of “<b>Global Poultry Academic Award</b>” for recognition of outstanding professional work &amp; significant contribution for the advancement of poultry sector in India on world Egg Day 9<sup>th</sup> October 2020. Award given by Pashudhan Praharee.</li> </ul>

	<ul style="list-style-type: none"> <li>• A best oral paper presentation awarded to a research paper entitled “Effect of probiotic application as an alternative to antibiotics on performance of commercial broilers as to establish no antibiotic ever production concept” authored by Patel, H. V., <b>Rajpura, R. M.</b>, Koringa, P. G., Paleja, H. I., Savaliya, F. P., Vahora, S. G. Patel A. B. and Parmar D. J. BY 23<sup>rd</sup> Indian Veterinary Congress and National Symposium on Advances in tackling antimicrobial resistance and ensuring food safety under one health perspective during February, 3-4, 2023 held at College of Veterinary Science &amp; A H, Kamdhenu University, Anand Gujarat.</li> </ul>
<p>— <b>Lectures/ Seminar Presented</b></p>	<hr/> <p><b>Various Lectures/Seminar Presented at Academics or at farmer’s levels, some are as bellow:</b></p> <ul style="list-style-type: none"> <li>• Mycotoxins: Prevalence, Effects and Counteracting Strategies in Poultry</li> <li>• Gut Health in Poultry: Issues, Challenges and Way Forward</li> <li>• Enzymes in Poultry Nutrition</li> <li>• Trace Mineral Nutrition in Poultry</li> <li>• Commercial Layer Management</li> <li>• Commercial Broiler Management</li> <li>• Summer stress Management in Poultry</li> <li>• Winter Management for Commercial broiler chicken</li> <li>• Automation: Need of Indian Poultry Farming</li> </ul>
<p>— <b>Skills</b></p>	<hr/> <ul style="list-style-type: none"> <li>• Poultry Feed Formulation through least cost feed formulation.</li> <li>• Presently using Poultry least cost feed formulation software FAAS-Bestmix &amp; ECO-MIX</li> <li>• Computer skill in MS Office (Word, Excel, PowerPoint) for routine work and presentation.</li> </ul>
<p>— <b>Memberships</b></p>	<hr/> <ul style="list-style-type: none"> <li>• Indian Poultry Science Association</li> <li>• Worlds Poultry Science Association – India Branch</li> <li>• Vets in Poultry – VIP &amp; Regional Head (Gujarat)</li> <li>• International Network for Family Poultry Development (INFPD)</li> <li>• Indian Society of Animal Production and Management</li> </ul>