

CURRICULUM VITAE



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Employment Record:

Sr No	Designation of the post held	Period	Full address of the office/firm or institution
1	Assistant Professor	28 February 2024 to till date	C.V.A.S., Bikaner, RAJUVAS
2	Assistant Professor	6 December 2017 to 27 February 2024	C.V.A.S., Navania, Vallabhnagar, Udaipur, (RAJUVAS, Bikaner)
3.	Assistant Professor	20 June 2014 to 5 December 2017	Veterinary University Training and Research Centre (V.U.T.R.C.) Churu, (RAJUVAS, Bikaner)
4.	Assistant Professor	28 April 2009 to 19 June 2014	Apollo College of Veterinary Medicine, Jaipur, Rajasthan

Educational qualifications:

Examination/ Degree	Year of Passing	% age/OGPA
Ph.D. (Vet. Microbiology)	2022	88.4% (8.84 on 10.00 basis)
M. V. Sc. (Vet. Microbiology)	2009	78.8% (7.88 on 10.00 basis)
B. V. Sc. & A. H	2006	71.48% (7.14 on 10.00 basis)
12 th	2000	73.25 %
10 th	1998	70.67%

TRAINING COURSES ATTENDED:

1. Participation in **10 days** ICAR sponsored short course on “Advances in GIS applications in epidemiological analysis of livestock diseases in India” organized by ICAR-NIVEDI, Yelahanka, Bengaluru, Karnataka from 7th February 2024 to 16 January, 2024.
2. Participation in **21 days** ICAR sponsored winter school training programme on “Mitigation strategies to manage AMR and Zoonosis to ensure food safety” organized by GBPUAT, Pantnagar, Uttarakhand from 18 December 2023 to 7 January, 2024.
3. Participation in **eight days** training programme on “Multivariate Data Analysis” (online mode) organized by ICAR-NAARM, Hyderabad during 20-27 March, 2023.
4. Participation in **eight days** online training on “National Training Programme for Faculty Development” organized by ICAR-NAARM, Hyderabad during 04-11 February 2022.
5. Participation in DBT sponsored **one-day** online training on “SNP Data analysis for detecting parentage in animals” organized by the College of animal biotechnology and DBT-CRCN project monitoring unit of GADVASU, Ludhiana on 23rd September 2021.
6. Participation in **six days** online training on “Design thinking in research and education with focus on veterinary sciences” organized by ICAR-NAARM, Hyderabad during 22-27 March 2021.
7. Participation in **21 days** online training on “Recent techniques in nucleic acid based diagnostics and cell culture” from January 11th -31st 2021 organized by the Department of Animal Biotechnology, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar, Haryana.
8. Participation in the DBT sponsored **seven days** training programme on “Skill development in viral disease diagnosis and prophylaxis” from Jan 5-11, 2021 under the DBT-Canine Research Centre & Networks (CRCN) funded research project “Molecular characterization of Canine Distemper Virus (CDV) field isolates for the selection of suitable vaccine candidate(s)” organized by college of biotechnology, GADVASU, Ludhiana.
9. Participation in **eight weeks** online course on “fundamentals of agricultural extension” conducted by agMOOCs (30 June 2020)
10. Participation in **21 days course** on “COVID-19: Tackling the novel coronavirus” conducted by the London School of Hygiene and tropical medicine and UK public health. (June 2020)
11. Participation in the **orientation training programme** on “**Teaching methodology**” from 28th March to 17th April 2019 (21 days) organized by the Directorate of Extension Education, RAJUVAS, Bikaner (Raj.)
12. Participation in **ICAR sponsored summer school** on “**Skill development through technological intervention for doubling the farmer income**” 30th July to 19st August 2018 (21 days) organized by the Directorate of Research, MPUAT, Udaipur (Raj.)
13. Participation in **ICAR 28th CAFT Course** on “**Development of validated assays and accreditation of diagnostic laboratories**” from February 3rd-23rd 2016 (21 days) organized by the Department of Veterinary Microbiology, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar, Haryana.
14. Participation in **ICAR-sponsored Winter School** on “**Recent concepts in Veterinary Laboratory Diagnosis**” 12th October 2010 to 1st November 2010 (21 days) organized by the Department of Veterinary Pathology, College of Veterinary Sciences, GADVASU, Ludhiana.
15. Participation in **Summer School** on “**Research Methodology in Immunology**” from 2nd July to 31st July 2007 (30 days) organized by the immunological section, Department of Veterinary Microbiology, College of Veterinary Sciences, CCS HAU, Hisar
16. Attended two training under the RKVY project milk quality testing and safety on 21st December 2015 and RKVY project Capacity building on animal feed technology on 22nd December 2015 at PGIVER, Jaipur.

17. Participation in 12 days training on “Advance training course on Pet animal practice” organized by Students Counseling & Placement Centre, CCS HAU held from 18th July to 29th July 2006.
18. Participation in 15 days training on “Training in Poultry health and management” organized by Students Counseling & Placement Centre, CCS HAU held from 3rd July to 17th July 2006.

CONFERENCE/ SEMINAR/WORKSHOPS ATTENDED:

1. Participated and presented a paper at XXXVIth Annual Convention of Indian Association of Veterinary Microbiologists, Immunologists and Specialist in Infectious Diseases (IAVMI) and national conference on “Impact of one health a national prosperity” organized by the Department of Veterinary Microbiology, College of Veterinary and Animal Science, Navania, Vallabh Nagar from June 6-7, 2024.
2. Participated and presented a paper at XXXVth Annual Convention and National Conference of the Indian Association of Veterinary Microbiologists, Immunologists and Specialist in Infectious Diseases (IAVMI) on “Novel Approaches in animal health for realizing one health mission” organized by the Department of Veterinary Microbiology, Dr. GC Negi College of Veterinary and Animal Sciences, CSKHPKV, Palampur, H.P. from April 7-8, 2023.
3. Participated and presented a paper at the 23rd Indian Veterinary Congress & 30th Annual Conference of **IAAVR** & National Symposium on ‘Advances in Tackling Antimicrobial Resistance and Ensuring Food Safety under One Health Perspective’ organized by the department of veterinary public health and Epidemiology, college of veterinary and Animal science and animal husbandry, Kamdhenu University Anand, Gujarat from February 3-4, 2023.
4. Participated in XXXVI annual convention of IAVA and international symposium on advancements in anatomical studies: the stepping stone in transforming livestock and wildlife sector while achieving the global sustainable development organized by the Department of veterinary Anatomy, College of Veterinary and Animal Science, Navania, Vallabh Nagar, Udaipur, from 20-22 December 2022.
5. Participated and presented a paper at the National congress on canine practice & symposium on “Newer concepts and approaches in small animal practice and welfare and XVIIIth annual convention of the Indian Society for Advancements of canine practice by College of Veterinary and Animal Science, Navania, Vallabh Nagar, Udaipur from during 22-24 September 2022.
6. Participated and presented a paper in “22nd Indian Veterinary Congress and XXIX Annual Conference of **IAAVR**” & National Symposium on “Advancements in veterinary medical research contributing to one health for the betterment of animal and public health and their welfare” organized by the Department of Veterinary microbiology, College of Veterinary and Animal Science, Navania, Vallabh Nagar, Udaipur from April 8th & 9th, 2022.
7. Participation in the National webinar on “Veterinary Genomics and Bioinformatics as career option for veterinary graduates” organized by LIKES, RAJUVAS, Bikaner on 03-09-2021.
8. Participation in the International Symposium on “Harnessing the potentials of genome editing tools to augment the productivity and health of farm animals” organized by the Animal biotechnology centre of ICAR- NDRI, Karnal on July 19-20, 2021.
9. ISSP from 19-20 Feb 2021 in GADVASU
10. Participation in the National workshop on “Diversifying Dairy Farming towards Entrepreneurship: ways to boost the dairy sector and its sustainability” organized by DEE, Sri Karan Narendra Agriculture University, Jobner on 16-1-2021.
11. Participation in the National webinar on “Gender in Livestock Sector” organized by LIKES, RAJUVAS, Bikaner on 12-1-2021.
12. Participation in the National webinar on “Advancement of Veterinary Diagnostics- A Journey in Veterinary Pathology” organized by RAJUVAS, Bikaner and the Indian Association of veterinary pathologists on 14-10-2020.

13. Participation in a live international webinar on “One health approach for prevention & control of emerging Zoonoses & Rabies in India” organized by the department of veterinary medicine, PGIVER, Jaipur on 28th Sep 2020.
14. Participation in the National webinar on “How to develop yourself for career (not job) in veterinary and animal husbandry domain” organized by LIKES center of PGIVER, RAJUVAS, Bikaner on 26-9-2020.
15. Participation in a live webinar on “Management of haemoprotozoan diseases in large ruminants” organized by Alembic Pharmaceuticals Ltd on 13th Sept 2020
16. Participation in an online international seminar on “Diagnostic Veterinary Pathology” organized Department of veterinary pathology, Madras veterinary college on September 12, 2020
17. Participation in the International webinar on “Jumping of virus from one species to another” organized by the association of microbiologist of India on September 6, 2020
18. Participation in the webinar on “Microbiome, Immunity and Vaccine” organized by IAVMI on August 30, 2020
19. Participation in the webinar on “Blending Local and Global Knowledge and Innovation System: Translating NEP (New Education Policy)” Goals into Practice organized by the LIKES center of PGIVER on 29-8-2020.
20. Participation in the webinar on “Post pandemic challenges and opportunities in Animal health” organized by the college of Veterinary and Animal Sciences, Meerut, Uttar Pradesh on August 14, 2020.
21. Participation in the national webinar on “Animal Production Medicine in Anthropocene Epoch” organized by Veterinary Internal and Preventive medicine society on August 13, 2020.
22. Participation in International e-conference on “Immunology in 21st century for Improvising one-Health” organized by the college of Biotechnology, SVPUAT, Meerut, India and Department of Animal Husbandry and DAHD, Govt. of India, New Delhi during 7th- 8th August 2020.
23. Participation in a live webinar on “Clinical uses antibacterial in veterinary practices: An overview” organized by Alembic Pharmaceuticals Ltd on 25th July 2020.
24. Participation in an online sensational Workshop cum webinar program on “Agriculture knowledge management in the networked digital environment” jointly organized by the National Knowledge Management Centre for Agricultural Education and Research, ICAR-Indian Veterinary Research Institute, Izatnagar (UP) & Maharana Pratap University of Agriculture and Technology, Udaipur (Rajasthan) on 15th July, 2020.
25. Participation in a national webinar on “Lumpy skin disease in animals” organized by the college of Veterinary and animal sciences in collaboration with the veterinary internal and preventive medicine society on July 5, 2020.
26. Participation in the online Workshop program on “Best practice for teaching online” organized by ABP Education on July 4, 2020.
27. Participation in the two days virtual colloquium on “Covid-19 pandemic and animal agriculture: interactions, threats and economic impacts” organized by the Faculty of Veterinary Sciences & Animal Husbandry, SKUAST- Jammu RS Pura from 25-26, 2020
28. Participation in national webinar on “Traditional Agriculture: Self-reliant Bharat” organized by Kshitij Foundation and Agrivision during 20-21 June 2020.
29. Participation in national webinar series (12 sessions) on “Knowledge Generation in Education during COVID-19 Pandemic – Qualitative Research held from 1st June to 6th, 2020” organized by Bombay Teachers Training College. HSNC University, Mumbai & Department of Education, University of Mumbai.
30. Participation in webinar series on “Steering Dairy sector to face challenges” organized by the Indian dairy association Kerala chapter and the College of dairy science and technology, Mannuthy, Trissur during May 2020.
31. Participation in national webinar on “Contemporary issue in teaching and extension during COVID-19 pandemic” organized by college of veterinary science and animal husbandry, Mhow, NDVSU, M.P. from May 30-31, 2020.

32. Participation in the national webinar on “Implication of Covid-19 on animal health and food security” organized by the college of veterinary science and animal husbandry, Mhow, M.P. from May 28-29, 2020.
33. Participation in the national webcon on “Agricultural production and support system managing covid-19 pandemic: experience sharing and strategies” which was organized by Chandra Sekhar Azad University of Agriculture and Technology, Kanpur from May 6-8, 2020.
34. Participation in an online Workshop program on “Intellectual property rights (IPR)” organized by Gujarat University and GUSEC on 30 April 2020.
35. Participation in four-day online national seminar on “Environmental protection for improving animal and human health” organized by Indian Veterinary Association, Kerala, in association with Kerala Veterinary and Animal Sciences University (KVASU) and IVA, CVAS, Mannuthy from 24th April to 27th April 2020.
36. Participated and presented a paper in “37th annual Convention & national symposium on “Holistic approach in Veterinary medicine for better animal Health to meet challenges of one health mission” which was held at the College of veterinary science, Bikaner, RAJUVAS from Feb 1-3, 2019.
37. Participated and presented a paper in “VI Annual Convention of Society of Veterinary Science & Biotechnology and National Symposium on “Newer Concepts and Approaches for Improvement in animal health and Production” which was held at the College of Veterinary and Animal Science, Navania, Vallabhnagar, Udaipur from Dec.13-14, 2018.
38. Participated and presented a paper in XXVII national congress of veterinary parasitology and national symposium on technologies for sustainable parasite control and redressal of detection methods for upliftment of rural economy which was held at CVAS, Navania, Udaipur from 12-14 Feb 2018.
39. Participation in National Workshop on “5 F and Hydroponics towards Sustainable Development of Farmers” at RAJUVAS, Bikaner on 28 Feb. 2016.
40. Participated and presented a paper in “National Seminar on “Translational Research in Biotechnology for Improving Animal Health and Production” & 3rd Annual Meeting of the Society of Veterinary Science and Biotechnology which was held at the College of Veterinary and Animal Science, RAJUVAS, Bikaner, from Oct 7-8, 2015.
41. Participated and presented a paper in “12th Indian Veterinary Congress and XIX Annual Conference of **IAAVR**” & National Symposium on “Changing scenario in Veterinary Vaccinology and Diagnostics in India in reference to national standards” organized by the College of Veterinary Science & Animal Husbandry, Mhow, M.P.P.C.V.V., Jabalpur (M.P.) during 20th & 21st, 2012.
42. Participated and presented a paper in “XVIII Annual Conference of **IAAVR**” & National Symposium on “Veterinary Science & Educating on Move: Critical Gaps & Needs” organized by Apollo College of Veterinary Medicine, Jaipur during 11th -12th February 2011.
43. Participated workshop on ‘Rabies and its prevention’ held on 7th September 2007 on first world Rabies Day 2007 organized by the Department of Veterinary Public Health, COVS, CCS HAU, Hisar Haryana.

TRAINING / CONFERENCE/ SEMINAR/WORKSHOP ORGANIZED:

1. **Act as co-organizing secretary in XXXVIth Annual Convention of Indian Association of Veterinary Microbiologists, Immunologists and Specialist in Infectious Diseases (IAVMI)** and national conference on “Impact of one health a national prosperity” organized by the Department of Veterinary Microbiology, College of Veterinary and Animal Science, Navania, Vallabhnagar from June 6-7, 2024.
2. **Act as co-organizing secretary “22nd Indian Veterinary Congress and XXIX Annual Conference of IAAVR”** & National Symposium on “Advancements in veterinary medical research contributing to one health for betterment of animal and public health and their welfare” organized by the Department of veterinary microbiology, College of Veterinary

Science & Animal Science, Navania, Vallabhnagar, Udaipur, held during April 8th & 9th 2022.

3. Act as course coordinators of five-day workshop on “Diagnosis of animal disease using conventional and molecular diagnostic methods for students of SC category” organized by College of Veterinary Science & Animal Science, Navania, Vallabhnagar, Udaipur, RAJUVAS Bikaner held from March 21st to 25th, 2022.

Project

1. Principal investigator (PI) of ICAR-All India Network Project on Antimicrobial Resistance (AINP-AMR) of Fisheries and Livestock project (also known as Indian Network for fisheries and animals’ antimicrobials- INFAAR).
2. Officer In-charge (O/I) of Apex Centre for Animal Disease Investigation, Monitoring and Surveillance.

Published Scientific papers

1. Gurjar, T., **Singathia, R.**, Sharma, D. K., Gaurav, A., Solanki, S., Kumari, M. Gautam, L., and K. Rathore (2024). *E. coli* in diarrhoeic lambs: Prevalence, virulence, and antibiotic resistance. *Polish Journal of Veterinary Sciences*. 27 (3): 451-457
2. Sain, A., Sharma, D. K., **Singathia, R.**, Gaurav, A. and Rathore, K. (2024). Antimicrobial resistance virulence genes profile of Non typhoidal Salmonella species isolated from poultry enteritis in India. *Tropical animal health and production*. 56(2):91. DOI= 10.1007/S11250-024-03932-0
3. **Singathia, R.**, Sharma, D. K., Gaura A., Sain A. and Rathore, K. (2024). Relative expression of toll-like receptors, cytokines, and acute phase protein by real-time PCR in milk somatic cells of subclinical mastitis affected cattle. *Indian Journal of Animal Research*. 58(5):780-784 DOI= 10.18805/IJAR.B-5124
4. Sharma, D.K., Joseph, B., **Singathia, R.**, Gaurav, A. and Kumar, V (2024). Inflammasome activation and pro-inflammatory cytokine genes expression following exposure of PPRV in vero cells. *Indian Journal of Animal Research*. 58(5):834-840 DOI = 10.18805/IJAR.B-5102
5. **Singathia, R.**, Sharma, D.K., Sain, A., Rathore, K., Purohit, K., Sharma, S.K. and Joshi, M. (2023). Molecular detection of bacteria associated with the subclinical mastitis in cattle and their antibiogram. *Haryana Vet*. 62(2):24-28.
6. Suthar, P., Sharma, D. K., **Singathia, R.**, Patidar, C. and Saraswat, A. (2023). Molecular Detection and Phylogenetic Analysis of Chicken Parvovirus Associated with Poultry Enteritis. *Journal of Animal Research*. **13(3)**: 381-385.
7. Suthar, P., Sharma, D. K., Solanki, S. **Singathia, R.**, Patidar, C., Saraswat, A., Purva, M., and Singh, G. (2023). Detection and phylogenetic analysis of Fowl adenovirus-I associated with poultry enteritis *Indian journal of Poultry Science*. **58(1)**: 63-67.
8. Poonam, Kumari, M., Rathore, A., **Singathia, R.**, Purohit, K., Singh, G., Saini, A., Gunjan and Rashmi (2023). The effect of temperature on clearing of tissue with natural alternatives to xylene in tissue processing. *The Haryana Veterinarian*. **62(1)**: 147-150.
9. Chaudhary, A., Devi, D., Singh, G., **Singathia, R.**, Khinchi, R. K., Purohit, K., Doot, M. and Solanki, S., (2023). Molecular analysis of antibiotic resistance against Salmonella spp. isolated from calf diarrhea. *Cattle Practice*. 31(3):
10. **Singathia, R.**, Sharma, D.K. Solanki, S., Gaurav, A. and Rathore, K. (2022). Prevalence of subclinical mastitis in cattle in and around Udaipur district of Rajasthan. *Veterinary Practitioner*. **23(2)**: 296-298
11. Chaudhary, A., Solanki, S., Sharma, D., **Singathia, R.**, Rathore, K, Sain, A. and Devi, D. (2022). Isolation, identification, molecular characterization and antibiogram studies of Salmonella spp. isolated from calf diarrhea in and around Udaipur (Rajasthan). *The Pharma Innovation Journal* 11(2): 1413-1417.

12. Patidar, C., Sharma, D. K., **Singathia, R.**, Suthar, P., Saraswat, A., Singh, G., Purva, M. and Sain, A. (2022). Molecular Detection and Phylogenetic Analysis of Chicken Astrovirus Associated with Poultry Enteritis. *Indian Journal of Animal Research*. 56 (1)84-89.
13. Solanki, S. Sharma, D.K., **Singathia, R.**, and Devi, D. (2021). Prevalence of bovine subclinical mastitis in Sirohi district of Rajasthan. *The Pharma Innovation Journal* 10(7): 174-177.
14. Patidar, C., Sharma, D.K., **Singathia, R.**, Suthar, P., Saraswat, A., Joshi, M. and Purohit, K. (2021). Molecular detection of avian coronavirus (Infectious bronchitis virus) associated with poultry enteritis. *Indian Journal of Poultry Science*, 56(2):173-179.
15. Sharma, D.K., **Singathia, R.**, Rathore, K. and Sain, A. (2021). Bovine Brucellosis Outbreaks and their Successful Management by Adulthood Vaccination at Udaipur Region of Southern Rajasthan. *International Journal of Livestock Research*, 11(5):11-16.
16. Saraswat, A., Sharma, D.K., Joseph, B., **Singathia, R.**, Patidar, C., Suthar, P. and Singh, G. (2021). Molecular survey of enteric viruses associated with poultry enteritis in southern Rajasthan, India. *International journal of livestock research*. 11(1):75-81
17. Sharma, D.K., Joseph, B., **Singathia, R.**, Dadhich, R., Gaurav, A., Sharma, S.K., Nagda, R.K., Kumar, V. and Sokhal, K. (2020). Expression profile of 1L-1 β in pestedes petits ruminants (PPR) vaccinate goats. *Asian Jr. of Microbiol. Biotech. Env. Sc.* 22(4): 637-641.
18. Sharma, D.K., **Singathia, R.**, Bhatnagar, C.S., Manne, V. and Meena, S. (2020). Acute anaplasmosis in a holstein-fresian cross breed cattle: A case report. *International Journal of Chemical Studies*. 8(1):1154-1156.
19. Sharma, D.K., Joseph, B., **Singathia, R.**, Nagda, R.K., Sharma, M. and Barolia, S.K. (2019). Standardization of quantitative real time PCR (QRT-PCR) for detection of inflammasome following exposure of PPR vaccine in goats. *Asian Jr. of Microbiol. Biotech. Env. Sc.* 21(3): 779-784.
20. Yadav, R., Gupta, S.R., Sain, M., **Singathia, R.**, Kachhawa, J.P., Nayak, T.C., Ahuja, A. and Singh, A.P. (2019). Antimicrobial sensitivity pattern of bacterial species isolated from various dermatological disorders in dogs. *Journal of canine development and research* (13):16-22.
21. Malik, V., Sandeep, **Singathia, R.**, Kumar, R. and Yadav, R. (2017). Prevalence of dermatological disorders complicated with bacterial infections in dogs. *Journal of canine development and research*. 2017 (13):11-17.
22. Gattani, A., Kumar, A, **Singathia, R.**, Gupta, S.R. and Yadav, R. (2017). Thyrotropin deficiency and secondary hypothyroidism in a dog. *Journal of canine development and research*. (13):29-32.
23. Dutta, P., Borah, M.K., Gangil, R. and **Singathia, R.** (2015). Gross/Histopathological impact of Salmonella Gallinarum isolated from layer chickens in Jaipur and their antibiogram assay. *International Journal of Advanced Veterinary Science and Technology*. 2015(4): 153-159.
24. **Singathia, R.**, Gupta, S. R., Yadav, R., Gupta, Y., and Lakhotia, R.L. (2014). Prevalence of canine dermatophytosis in semi-arid Jaipur Rajasthan. *The Haryana Veterinarian*. **53(1)**: 43-45.
25. **Singathia, R.**, Gupta, S. R., Yadav, R., and Lakhotia, R.L. (2013). Antibiogram profile of bacteria isolated from canine pyometra. *Veterinary Practitioner*. **14(2)**:242-243.
26. **Singathia, R.**, Gupta, S., Yadav, R., Dutta, P., Gangil, R. and Lakhotia, R.L. (2013). Concurrent *Sarcoptes scabiei* var. *cuniculi* and *Microsporum gypseum* infestation in Rabbits. *Journal of Veterinary Parasitology*. 27(1): 22-24.
27. Borah, M.K., **Singathia, R.**, Gogoi, R., Jangir, B. L., Joshi, G. D. and Sharma G. D. (2013). Candidiasis in Turkey (Meleagris gallopavo). *Veterinary Practitioner*. **14(1)**: 90-92
28. **Singathia, R.**, Gattani, A., Joshi, G., Gupta, S. R., and Lakhotia, R.L. (2012). Preliminary observation on hepatic involvement in brucellosis affected cattle. *The Haryana Veterinarian*. **51**: 63-64.
29. **Singathia, R.**, Dutta, P., Yadav, R., Gupta, S., Gangil, R. and Lakhotia, R.L. (2012) Current update on rabies diagnosis. *International Journal for Agro Veterinary and Medical Sciences*. **6(4)**: 229-240.

30. **Singathia, R.** (2012). Role of Vitamin E and Se in mastitis- A review. *Journal of Remount Veterinary Corps* .**51(1)**:1-13.
31. Joshi, G., **Singathia, R.**, Gattani, A., Yadav R. and Lakhotia, R. L (2012). Micro-biochemical studies of canine parvovirus infection in puppies. *Veterinary Practitioner*. **13(2)**: 347-348.
32. **Singathia, R.**, Mishra, R., Yadav, R., Dutta, P., Gangil, R. and Lakhotia, R.L. (2011). Therapeutic management of ulcerative Lymphangitis in a mare. *The Haryana Veterinarian*.**50**:103-104.
33. Joshi, G., **Singathia, R.**, Lakhotia, R. L. and Yadav R. (2011). Ringworm (*Microsporum gypseum*) infection in equine- A case report. *Veterinary Practitioner*. **12(1)**:121.
34. Jangir, B., Borah, M.K., Joshi, G., **Singathia, R.**, Dutta, P., Gogoi, R., and Sharma, G.D. (2011). Aspergillosis in Kadaknath. *The Indian Veterinary Journal*. **88(7)**:83-84
35. Sharma, D. K., Joshi, G., **Singathia, R.**, and Lakhotia, R. L. (2010). Fungal infection in cattle in a Gaushala at Jaipur. *Haryana Veterinarian*. **49**: 62-63
36. Sharma, D. K., Joshi, G., **Singathia, R.**, and Lakhotia, R. L. (2010). Multi-drug-Resistant Bacterial Pathogen from Repeat Breeding Mares. *Journal of Remount Veterinary Corps*. **49(4)**: 223-225
37. Sharma, D. K., Joshi, G., **Singathia, R.**, and Lakhotia, R. L. (2009). Zoonothroposis of *Microsporum gypseum* infection. *Haryana Veterinarian*. **48**:108-109.
38. Gangil, R., Dutta, P., Tripathi, R., **Singathia, R.** and Lakhotia, R. L. (2012). Incidence of dermatophytosis in canine cases presented at Apollo Veterinary College, Rajasthan, India. *Veterinary world*. **5(11)**: 682-684

Published Popular article

1. Virendra Singh, **Rajesh Singathia** and Rewani, S.K. (Oct-Dec. 2022). Management strategies for increasing milk production in Dairy cattle. *Intensive Agriculture*. PP.30-31.
2. Virendra Singh and **Rajesh Singathia (Jan 2022)**. Pashuo me gal ghotu rog. *Krishi Bharti*. PP.24
3. Virendra Singh, **Rajesh Singathia**, and Sunil Rajoria (Dec, 2020). Hare chare se banaye postik silage. *Pashupalan naye ayam*. PP.5
4. Sunil Rajoria, **Rajesh Singathia** and Virendra Singh, (July, 2019). Pashao me tikakaran ki mahtv. *Pashudhan Gyan*. PP.7-8.
5. Virendra Singh, **Rajesh Singathia**, and Sunil Rajoria (February, 2019). Nawjat bacchro ke liye khish ka mahtav. *Krishi Bharti*. PP.25
6. Virendra Singh, Sunil Rajoria, and **Rajesh Singathia** (January, 2019). Polithin; Pashuo ke liye abhishap. *Pashudhan Gyan*. PP.16-17
7. Sunil Rajoria, **Rajesh Singathia**, Virendra Singh, (January, 2019). ICT kranti dwara pashupalan me nayi sambhwnaye. *Pashu Palan Naye Ayam*. PP.5.
8. Subhash Kharb and **Rajesh Singathia** (August 2018). Post- partum uterine infections in bovine. *Livestock line*. 12 (4):13-16
9. Virendra Singh, **Rajesh Singathia** and Sunil Rajoria. (2018). Pashupalko ke arthik swavblamban ke liye yojnaye. PP- 27
10. **Rajesh Singathia**, Sushil Kumar Meena, Sita Ram Gupta and Manohar Sain (February 2018). Bakrio me plague rog. *Pashu Palan Naye Ayam*. PP.4-5.
11. Sudeep Solanki, Sandhya Morwal and **Rajesh Singathia** (January 2018). Pashuo me aphra: Karan and Bachav. *Pashudhan Gyan*. PP.12-13
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37. Sunil Rajoria, Virendra Ola, **Rajesh Singathia** and Hemant Jedia (2018). Role of veterinary sciences in doubling farmer income. PP67. In the compendium of “VI Annual Convention of Society of Veterinary Science & Biotechnology and National Symposium on “Newer Concepts and Approaches for improvement in animal health and production” which was held at college of veterinary and Animal science, Navania, Vallabhnagar, Udaipur from Dec.13-14, 2018.
38. Virendra Singh, Sunil Rajoria and **Rajesh Singathia** (2018). Increasing farmer income through livestock. PP81. In the compendium of “VI Annual Convention of Society of Veterinary Science & Biotechnology and National Symposium on “Newer Concepts and Approaches for improvement in animal health and production” which was held at college of veterinary and Animal science, Navania, Vallabhnagar, Udaipur from Dec.13-14, 2018.
39. Virendra Singh, Sunil Rajoria and **Rajesh Singathia** (2018). Livestock production through extension education. PP85. In the compendium of “VI Annual Convention of Society of Veterinary Science & Biotechnology and National Symposium on “Newer Concepts and Approaches for improvement in animal health and production” which was held at college of veterinary and Animal science, Navania, Vallabhnagar, Udaipur from Dec.13-14, 2018.
40. Chaman Patidar, Bincy Joseph, Deepak Sharma, Sudeep Solanki, **Rajesh Singathia** and Prabhu Ram Suthar (2018). Phage display of protein and peptides. PP128. In the compendium of “VI Annual Convention of Society of Veterinary Science & Biotechnology and National Symposium on “Newer Concepts and Approaches for improvement in animal health and production” which was held at College of veterinary and Animal science, Navania, Vallabhnagar, Udaipur from Dec.13-14, 2018.

41. Prabhu Ram Suthar, Bincy Joseph, Deepak Sharma, Sudeep Solanki, **Rajesh Singathia** and Chaman Patidar (2018). Immune checkpoint blockade therapy for cancer. PP121. In the compendium of “VI Annual Convention of Society of Veterinary Science & Biotechnology and National Symposium on “Newer Concepts and Approaches for improvement in animal health and production” which was held at College of veterinary and Animal science, Navania, Vallabh Nagar, Udaipur from Dec.13-14, 2018.
42. **Rajesh Singathia**, Bincy Joseph, Deepak Kumar Sharma and Sudeep Solanki (2018). CRISPR-Cas. PP142. In the compendium of “VI Annual Convention of Society of Veterinary Science & Biotechnology and National Symposium on “Newer Concepts and Approaches for improvement in animal health and production” which was held at College of veterinary and Animal science, Navania, Vallabh Nagar, Udaipur from Dec.13-14, 2018.
43. Deepak Kumar Sharma, Bincy Joseph, and **Rajesh Singathia** (2018). *Peste des Petites: A major Challenge for Africa and southern asia*. PP145. In the compendium of “VI Annual Convention of Society of Veterinary Science & Biotechnology and National Symposium on “Newer Concepts and Approaches for improvement in animal health and production” which was held at College of veterinary and Animal science, Navania, Vallabh Nagar, Udaipur from Dec.13-14, 2018.
44. Muskan Kaushal, Virendra Singh, D.K. Sharma, Bincy Joseph, **Rajesh Singathia**, Sudeep Solanki, Amit Sarsawat and Kamal Sokhal (2018). Microscopic and molecular detection of caprine anaplasmosis in an organized farm of Chittorgarh district of Rajasthan. PP135. In the compendium of XXVII national congress of veterinary parasitology and national symposium on “Technologies for sustainable parasite control and redressal of detection methods for upliftment of rural economy from 12-14 Feb 2018 at CVAS, Navania, Udaipur.
45. C.S. Bhatnagar, V. Manne, Savita Meena, B. Bhardwaj, D.K. Sharma, **Rajesh Singathia** and Kamal Sokhal. (2018). Outbreak of Hemoprotozoan Diseases (Concurrent Infection) In Mewari Horse. PP230. In the compendium of XXVII national congress of veterinary parasitology and national symposium on technologies for sustainable parasite control and redressal of detection methods for upliftment of rural economy from 12-14 Feb 2018 at CVAS, Navania, Udaipur
46. **Rajesh Singathia**, Rajendra Yadav, and Sita Ram Gupta (2017). Antibio gram of bacteria isolated from the nasal swabs of Calves. PP-85. In the compendium of 17th Indian Veterinary Congress and XXIV annual conference of IAAVR and national symposium on “Newer generation vaccine, diagnostics for improvement of animal health and productivity vis-à-vis genomic interventions for the social benefit” which was held at IVRI, Izatnagar on April 8-9, 2017
47. Tamoli, S.K., **Singathia, R.** and Saharan, P.K. (2016). Accidental electrocution in a buffalo. In the compendium of “national conference on new horizon of veterinary and medical forensic medicine which was held at College of veterinary and animal Science, RAJUVAS Bikaner, from March 5-6, 2016.
48. **Rajesh Singathia**, Ravindra Sharma, Satish Kumar Batra. (2015). Systemic humoral immune response against Newcastle disease virus in chickens. In the compendium of “National Seminar on “Translational Research in Biotechnology for Improving Animal Health and Production” & 3rd Annual Meeting of Society of Veterinary Science and Biotechnology which was held at College of veterinary and animal Science, RAJUVAS Bikaner, from Oct 7-8, 2015.
49. **Singathia, R.**, Gupta, S., Yadav, R., Dutta, P., Gangil, R., Lakhota, R.L. (2012). Bacteriology and antibiogram profile of Canine Pyometra. Abstract published in Compendium of in the 9th convention of ISCAP organized at Bikaner during 9-11 feb 2012. pp:227
50. **Singathia R.**, Joshi G., Lakhota R. L. and Madhukar R. (2012). Bacteriological examination of drinking water from different sources of Jaipur city. Abstract is accepted for publication in the XIXth annual conference of IAAVR at Mhow, M.P. during 20th -21th April, 2012.pp:94

51. **Singathia, R.**, Joshi, G., Yadav, R. and Lakhota, R. L (2012). Antibioqram of Bacteria Isolated from Calf Diarrhoea. Abstract is accepted for publication in the XIXth annual conference of IAAVR at Mhow, M.P. during 20th -21th April, 2012.pp:129
52. Jain, A., Narwariya, J., **Singathia, R.**, Hirde, V. (2012). Rapid detection of Aflatoxin in cattle feedby pressure mini column technique. Abstract is published in the symposium and XVII annual convention of ISVIB at Bikaner, Rajasthan, during 29th -31st Dec, 2010.pp:245
53. **Singathia, R.**, Gupta, S., Yadav, R., Dutta, P., Gangil, R., Lakhota, R.L. and Sharma, R.L. (2011). Concurrent infestation of *Microsporium gypseum* and *Sarcoptes scabiei* var. *cuniculi* in rabbits. Abstract published in Compendium of IVth International conference on “The Challenges Ahead” organized by DUVASU and LASA (Laboratory animal scientists association), at Matura during 17-18 Feb., 2011. pp 46.
54. Joshi, G., **Singathia, R.**, and Lakhota, R. L (2011). Bacteriological Examination of Veterinary Clinical Set Up. Abstract published in 11th Indian veterinary congress & XVIII annual conference of IAAVR & national symposium on veterinary science and education on move: critical gaps and needs at Jaipur during 11th -12th February, 2011. pp:69.
55. Joshi, G., **Singathia, R.**, Gattani, A., Yadav R. and Lakhota, R. L. (2010). Micro – biochemical studies of canine *parvovirus* infection in dogs. Abstract is published in the international symposium and XVII annual convention of ISVIB at Bikaner, Rajasthan, during 29th -31st Dec, 2010.pp:97.
56. Joshi, G., Gattani, A., **Singathia, R.** (2010). Involvement of liver in bovine brucellosis. Abstract published in XXIVth World buiatrics congress at Santiago, Chile during 14th -18th Nov, 201.
57. Sharma, D. K., Joshi, G., **Singathia, R.**, Lakhota, R. L. and Bargujar, J. (2010). Multi-drug-Resistant Bacterial Pathogen from Repeat Breeding Mares. Abstract published in International Conference on “Protecting Animal Health: Facilitating Trade in Livestock and Livestock Products” and XXIV Annual Convention of Veterinary Microbiologists, Immunologists and Specialists in Infectious Diseases at Raipur during January 27-29, 2010. pp:172
58. Sharma, D. K., Joshi, G., **Singathia, R.**, and Lakhota, R. L. (2009) Anthroozoonosis of *Microsporium gypseum* infection. Abstract published in VIII Conference of Indian Association of Veterinary Public Health Specialists and National Symposium on *Transboundry Zoonotic diseases: Challenges and Strategies* during November 6-7, 2009.pp:28
59. **Singathia, R.**, Batra, S.K. and Sharma, R. (2008). New Castle disease infection induces down regulation of T- lymphocytes. Abstract published in Compendium of XVIII National conference of Indian virological society, Chandigarh. pp:58
60. **Singathia, R.**, Batra, S.K. and Sharma, R. (2008). Kinetics of immune response in Newcastle disease in virus infection. Abstract published in Compendium of XVIII National conference of Indian Virological Society, Chandigarh. Pp:61.

Manuals

1. Manuals of General Veterinary Microbiology (VMC-211)
2. Manuals of Veterinary Immunology and Serology (VMC-221)
3. Manuals of Veterinary Bacteriology and Mycology (VMC-311)
4. Manuals of Systematic Veterinary Virology (VMC-321)
5. A laboratory manual on Veterinary Microbiology (Part-I)
6. A laboratory manual on Veterinary Microbiology (Part-II)
7. Manual on “Chote Romthy pashuo ka veghanik parbandhan ev pashu rog nidhan parshikashan sandrishka” published in December, 2019.
8. Course compendium for the five days’ workshop on “Skill development in laboratory diagnosis of livestock diseases through advance tools and techniques” from 13-17 December, 2021.
9. Compendium for the five days’ workshop on “Diagnosis of Animal Diseases using conventional and molecular diagnostic methods for student of SC category” from 21-25 March, 2022.

EXERT LECTURE:

1. In e-certificate course veterinary laboratory diagnosis

COMPUTER SKILLS:

Basic computer diploma by *IECS* computer education recognized by *DoEACC*.

MEMBERSHIPS:

- 1) Life member of the Indian Association of Veterinary Microbiologists, Immunologists and Specialists in infectious diseases (IAVMI) (Regd. No.- 214/80-81)
- 2) Life member of the Society of Veterinary Sciences and Biotechnology (SVSBT) (LM -202)
- 3) Life member of the Indian Association for the Advancement of Veterinary Research (IAAVR) (Sl. No. 100)
- 4) Life member of the Indian Society of Advancement of canine practice (ISACP) (Registration No- R-242/3270/2022)
- 5) Life member of Veterinary Practitioner Journal published biannually from Bikaner (No./VP/2012/34096)
- 6) Life member of the Veterinary Council of India. (VCI/003976)
- 7) Registered Veterinary Practitioner under Indian Veterinary Council act.1984 by Rajasthan State Veterinary Council (Registration No. 4067).
- 8) Editorial Board member of the International Journal of Microbiology and Biotechnology
- 9) Editorial Board member of the International Journal of Immunology
- 10) Editorial board member of the International Journal of Entomology Research
- 11) Member of the scientific advisory board and Reviewer of International Journal of Livestock Research
- 12) Reviewer for the International Journal of Microbiology and Biotechnology
- 13) Reviewer of the Journal of Pure and applied microbiology

ACHIEVEMENTS:

1. **Certificate of Appreciation** in recognition of outstanding special contributions as an organizing committee member in “22nd Indian Veterinary Congress and XXIX Annual Conference of IAAVR” & National Symposium on “Advancements in veterinary medical research contributing to one health for betterment of animal and public health and their welfare” organized by Department of veterinary microbiology, College of Veterinary Science & Animal Science, Navania, Vallabh Nagar, Udaipur, RAJUVAS Bikaner held during April 8th & 9th, 2022
2. **Certificate of appreciation** by **Honorable Vice-Chancellor** of RAJUVAS on **15 August 2020**.
3. **Certificate of Appreciation** for participation COVID- 19 online self-knowledge assessment quiz conducted by Bihar veterinary college, Bihar Animal Sciences University, Patna

4. **Certificate of Appreciation** for acting as a member of the scientific advisory board by the International Journal of Livestock Research (ISSN2277-1964, Dated: - 31/3/2019)
5. **Certificate of Appreciation** for efficiently rendered valuable services as a member organizing committee in conducting the XXVII national congress of veterinary parasitology and national symposium on technologies for sustainable parasite control and redressal of detection methods for upliftment of rural economy which was held at CVAS, Navania, Udaipur from 12-14 Feb 2018.
6. Certificate of appreciation for creating the content of ahav av ustr palan topic under M-RAJUVAS android and IOS educational mobile application for veterinary & animal sciences and Kiosk information system for farmers/Livestock owners.
7. **First prize in poster presentation** at the IAAVR conference.
8. **Certificate of Excellence** for winning E care Se essay college competition on “**Role of Vitamin E and Selenium in mastitis**” held from 1st Jan to 10th March 2008.
9. Merit Scholar throughout the M.V.Sc. Degree programme.

EXTRACURRICULAR ACTIVITIES/PARTICIPATION:

- Attended two years NSS at University level in B.V.Sc & A.H. programme
- Participation in National Integration Camp held at Palampur (HP) organized by Ministry of Sports and Youth Affairs, Government of India held from 17th Nov. to 23rd Nov.
- Merit Certificate of National Service Scheme.
- Participated in various functions organized by the College Cultural Society.
- Participated in Blood Donation Camp organized by Zonal Hospital Dharmshala (HP)
- Attended ten days of NSS Camp.



(Rajesh Singathia)