

Name of the teacher/Scientist: **Dr. SHWETA RAJORIYA**

SHWETA RAJORIYA

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PROFILE

A Ph.D. in Animal Biochemistry from Indian Veterinary Research Institute (ICAR- IVRI) with a strong emphasis on human breast cancer research. Vast experience in performing regular research in oncology and assisting in finding various antibodies for cancer. Sound knowledge of science and health research. Wide knowledge of molecular and biochemical research, Ability to identify and resolve all problems, Ability to deliver all projects on time. Ability to analyzing high-dimensional data. Ability to lead a team of clinical researchers effectively. Excellent communication skills in both oral and written forms.

Motivating and talented professor since last 13 years driven to inspire students to pursue academic and professional excellence consistently try to strive to create a challenging and engaging learning environment in which multiple students become lifelong scholars and learners, exceptional track record research success with multiple published articles including Annals of oncology with impact factor 32.976. Presented research papers in many reputed national and international conferences including organized by European Society for Medical Oncology ESMO and received travel grant sponsored by ESMO Molecular Analysis of Precision Oncology 2022 (MAP 2022) Cancer Congress 2022 for Amsterdam, Netherlands.

EDUCATION

- Ph. D. in Animal Biochemistry (September 2019)
Indian Veterinary Research Institute (ICAR-IVRI) Bareilly, India
- Masters of Veterinary Science & A. H. in Animal Biochemistry (2010)
Rajmata Sindhiya Krishi Vishwavidyalay, Gwalior, India
- Bachelors of Veterinary Science & A. H. (2008)
Jawaharlal Nehru Krishi Vishwavidyalaya, Jabalpur, India

TEACHING EXPERIENCE:

Working as an Assistant Professor in the Department of Veterinary Physiology & Biochemistry at Nanaji Deshmukh Veterinary Science University, Jabalpur M.P. from 01.03.2012. Sincerely engaged in teaching to B. V.sc. & A.H., M. V.Sc. & A.H. and Ph. D. students.

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LIST OF PUBLICATIONS

A. Research Article

1. S. Rajoriya, R. Rajoriya, S. Tiwari, R.S. Gupta, A. Jha and V. Gupta” A Study on Serum Protein Profile at Different Lactation Stages in Upgraded Murrah Buffaloes” *Asian Journal of Microbiology, Biotechnology and Environmental Science*, 24, No. (2): 305-307
2. Vandana Gupta, Shweta Rajoriya, Megha Pandey and Amit Kumar Jha (2022) Surviving attribute of Psychrotolerant life forms: Ice binding proteins, *Asian Journal of Microbiology, Biotechnology and Environmental Science*, 24(3) : 480-483.
3. Jyotsana Shakkarpude, Aditya Mishra, Deepika D. Caesar, Anand Kumar Jain, C.P.S. Solanki, Sanju Mandal, Danveer S. Yadav, Archana Jain, Aamrapali Bhimte, Rajesh K.Vandre, Shweta Rajoriya, Kapil Sharma, Shivank P. Singh and Akanksha Singh (2022) Dietary Betaine's Impact On Nutritional Parameters In Postpartum Murrah Buffaloes *Annals of Forest Research* 65(1): 7033-7046.
4. **Rajoriya, S.**, Kumar, N. P., Karthik, K.V., Kumar, A., Saini, M. and Kataria, M. (2019). Study on effect of eugenol on anti-metastatic activity and expression of MMPS in TNBC MDA MB: 231 cell line. *J Pharmacogn Phytochem*, **8**(4): 788-794. (NAAS rating 5.2)
5. Gupta, V., Pandey, M., Nayak, A., **Rajoriya, S.** and Bordoloi, S. (2019). Polyacrylamide gel electrophoresis and silver staining for detection of rotavirus in goat fecal samples. *J Pharmacogn Phytochem*, **8**(3): 472-475. (NAAS rating 5.2)
6. Nandha Kumar P, Mishra S. R., **S. Rajoriya**, Karthik, K.V and Meena Kataria (2018) “Cloning and expression of canine MMP11 protein in eukaryotic expression system ” *Indian Journal of Veterinary Pathology*, 42 (2): 127-129.
7. Rajoriya, R., Tomar, S. S., Saha D. N., **Rajoriya S.**, and Kumar A. (2015). “Studies on some genetic and nongenetic factors affecting lactation period in Gir cows. *The Indian journal of Veterinary Sciences and Biotechnology* 10(4):32-35pg
8. **S. Rajoriya**, S. Tiwari, R. S. Gupta and R. Rajoriya (2014) “Effect of lactation stages on some lipid parameters in upgraded Murrah buffaloes”, *Ind. J. V. S. B* , **10** (3): 15-17.
9. Ravi Rajoriya, S. S. Tomar, D. N. Saha, **S. Rajoriya** and A. Kumar (2014) “Effect of some genetic and non genetic factors on dry period in Gir cows” *The Indian J. Field Vet.*, **10** (2): 82-85.
10. Ravi Rajoriya, S. S. Tomar, Amit Kumar and **Shweta Rajoriya** (2014) “Effect of some genetic and non genetic factors on Lactation Yield in Gir cows” *J. Interacad.*, **18** (4): 580-583.

11. Ravi Rajoriya, S. S. Tomar, **Shweta Rajoriya** and Amit Kumar (2014) “Effect of genetic and environmental factors on Peak Yield in Gir cows” *Environment & Ecology*, **33** (4): 1608-1616.

12. Ravi Rajoriya, S. S. Tomar, D. N. Saha, **S. Rajoriya** and A. Kumar (2014) “Studies on some genetic and nongenetic factors affecting on lactation period in Gir cows” *The Indian J. Field Vet.*, No. (1358/2014).

B. Review Article:

1. N. Vashishth, M. Shivhare, S. S. Mahor, H.K.Mehta, J. Sakkarpude, R. Aich, S. Rajoriya, A. Pandey and S. Upadhyay (2022) MMPS: Biology and its applications in veterinary science, *Annals of Forest Research* ,65(1): 5672-5684.

2. **S. Rajoriya**, R. Rajoriya, R. Vandre, V. Gupta, S. Shukla and S. Meshram (2014) “Heat Shock Protein: A Review”, *DHR-IJBLS*, **5** (3): 393-411.

3. V. Gupta, S. Gupta, N. Katare, A. Sengar, S. Shukla, V. Bassaser, **S. Rajoriya**, S. Singh and R. Rajoriya (2014) “ Biomedical waste managment: An insight approach” *J. Interacad.*, **18** (4): 725-739.

4. R. Vandre, A.K. Sharma, G. R. Gowane, R. Rajoriya, **S. Rajoriya**, R. K. Sinha, A. Kumar M. Shivhare, D. D. Caser and S. K. Meshram (2014) “Polymorphism and disease resistance possessions of MHC Class II BoLA genes” *DHR-IJBLS* , **5** (2): 362-372.

5. Rajoriya, R., **S. Rajoriya** and N. Kumar (2013) “Transgenic animals: Prospects for improving livestock productivity” *J.bioinnov* pp: 240-259 (An open access online Journal www.jbino.com)

C. Abstract:

1. **S. Rajoriya**, Nandha K. P., M. Saini, A. Kumar and M. Kataria (2022) 100P - Study on the effect of ursolic acid on MMPs and antimetastatic activity in TNBC cells, *Annals of Oncology* **33** (suppl_8): S1383-S1430. 10.1016/annonc/annonc1095

2. **S. Rajoriya**, Nandha K. P., M. Saini, A. Kumar and M. Kataria (2022) 59P - Berberine Chloride inhibits TNBC cell metastasis by downregulating expression of matrix metalloproteinases Molecular Analysis for Precision Oncology Virtual Congress 2021, *Annals of Oncology* (2021) **32** (suppl_6): S1345-S1371. 10.1016/annonc/annonc740

3. **Shweta Rajoria** (2021) Antimetastatic activity of apigenin in human breast carcinoma cells by regulation of different MMPs gene expression, *Annals of Oncology*, Volume 32, Supplement 1, 2021, Page S18 <https://doi.org/10.1016/j.annonc.2021.01.060> ESMO Targeted Anticancer Therapies Virtual Congress (TAT) organized by European Society for Medical Oncology during 1-2 March 2021

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4. Chouhan, A., **Rajoriya, S.** Aich, R., Rawat, K., Jain, A., Bhimte, A., Shakkarpude, J., Kushwah, N. and Kumar, A (2022) “Biomarkers of canine mammary tumours” at National Symposium and Conference on “ Innovative Approach Anda Stratagies Of Animal Biochemistry And biotechnology Towards Holistich Development In Animal Healthand Productivity organized by Society of Veterinary Biochemists and Biotechnologists of India (SVBBI) at College of Veterinary Science & A.H., Jabalpur, NDVSU, M.P. on 5th-6th January 2023
5. Arun Mourya, Bresh Singh, Anand Jain, R K Garg, Shashi Pradhan and Shweta Rajoriya (2023) “Prevalence of subclinical mastitis in Cows in and around Jabalpur, Madhya Pradesh” at 6th International Conference on Veterinary and Livestock" during July 28-29, 2023 at Goa, India organized by Conference Mind.
6. **Shweta Rajoria**, Sumit Ranjan Mishra, Karthik, K.V and Meena Kataria (2021)“ In Silico Docking Analysis of Capsacine, Eugenol, Piperine with different Matrix Metalloprateases involved in Metastasis”. XXIX Annual conference on “Recent approach to escalate livestock productivity under current socio-economic scenario” organized by Bihar Veterinary College, Bihar Animal Sciences University, Patna during February 25 & 26, 2021.
7. **Rajoriya, S.**, Kumar, N. P., Kumar, A., Saini, M. and Kataria, M. (2020)“In Vitro studies on antimetastatic activity of curcumin in TNBC MDA MB-231 cell line model”. Presented in Ist Veterinary and Animal Science Congress & National Symposium on “Sustainable Scientific Strategies for Improving Health and Productivity of Livestock” organized by the College of Veterinary Science& A. H., Mhow, NDVSU, Jabalpur during March 06 & 08, 2020.
8. Karthik, K.V., Shweta Rajoriya, Nandha Kumar P., Mohini Saini, Ajay Kumar and Meena Kataria (2018) entitled “Effect of eugenol on MMPs genes in the human breast cancer cell line” at III convention of Veterinary Biochemistry and Biotechnologists of India and National Symposium on “Bridging biochemical interventions and environmental remediations for one health improvement” scheduled 2- 3 November 2018 at L. L. R. U., Hisar.
9. Nandha Kumar, Shweta Rajoriya and Meena Kataria (2018) entitled “Single mega primer for assembling two DNA fragments in overlapping extension PCR” at III convention of Veterinary Biochemistry and Biotechnologists of India and National Symposium on “Bridging biochemical interventions and environmental remediations for one health improvement” scheduled 2- 3 November 2018 at L. L. R. U., Hisar
10. **Shweta Rajoriya**, R. Rajoriya, R. Vandre, V. Gupta, S. Meshram and S. Shukla (2014) entitled “Leptin: hormone for enhancing livestock performance”. IXth National conference on “Current trends and future challenges in enviornmental science, biotechnology, AYUSH, & biomedicine

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for human welfare and sustainable development” scheduled from April 26th & 27th, 2014 at Govt. New Science College, Rewa (M. P.).

11. **Shweta Rajoriya**, R. Rajoriya, V. Gupta, R. Vandre, , S. K. Shukla and S. Singh (2014) entitled “ Transgenic animals: Bioreactors”, MPCST sponsored national seminar, 2014 on “ Novel drug delivery strategies: A changing and ahallenging global scenario” scheduled on 15th November, at Guru Ramdas Khalsa Institute of science and Technology, Pharmacy, Jabalpur (M.P.)
12. R. Rajoriya, **Shweta Rajoriya**, R. Vandre, V. Gupta, S. Shukla and S. Meshram (2014) entitled “Nanosensors: prospects for medicinal use”. IXth National conference on “Current trends and future challenges in enviornmental science, biotechnology, AYUSH, & biomedicine for human welfare and sustainable development” scheduled from April 26th & 27th, 2014 at Govt. New Science College, Rewa (M. P.).
13. R. Vandre, R. Rajoriya, **Shweta Rajoriya**, Somesh Meshram, Madu Shivhare and D. D. Ceasar (2014) entitled “Gene therapy based on RNA interference: Applications and future of RNAi technology”. IXth National conference on “Current trends and future challenges in enviornmental science, biotechnology, AYUSH, & biomedicine for human welfare and sustainable development” scheduled from April 26th & 27th, 2014 at Govt. New Science College, Rewa (M. P.).
14. V. Gupta, S. Gupta, M. Pandey, A, Sengar, **Shweta Rajoriya** and R. Rajoriya (2014) entitled “Biomedical waste management”. IXth National conference on “Current trends and future challenges in enviornmental science, biotechnology, AYUSH, & biomedicine for human welfare and sustainable development” scheduled from April 26th & 27th, 2014 at Govt. New Science College, Rewa (M. P.).
15. V. Gupta, S. Shukla, S. Gupta, and **Shweta Rajoriya** (2014) entitled “ DNA vaccines delivery meethods: an insight”, MPCST sponsored national seminar, 2014 on “ Novel drug delivery strategies: A changing and ahallenging global scenario” scheduled on 15th November, at Guru Ramdas Khalsa Institute of science and Technology, Pharmacy, Jabalpur (M.P.)
16. Vandana Gupta, Sourabh Gupta, **Shweta Rajoriya** and Ravi Rajoriya entitled “Plasmid diversity and transferable antimicrobial drug resistance, in *e. coli* isolates from calf diarrhea”. 2nd SVSBT National Seminar scheduled from March 06-07, 2014 at College of Veterinary Science, Mathura on Biotechnological approaches to challenges in animal health and production.

D. **Book Chapters:**

1. Rashmi Choudhary, Danveer S. Yadav, Supriya Shukla, G.P. Jatav, Nidhi Shrivastava, **Shweta Rajoriya**, Nidhi S. Choudhary entitled "Lumpy Skin Disease: An Emerging Havoc to

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Livestock" In: "Recent Research Trends in Veterinary Sciences and Animal Husbandry
Volume – 13, pg 37-55, Akinik Publication New Delhi. **ISBN NO.**

2. Ravi Rajoriya and **Shweta Rajoriy** (2015) Genetic improvement and conservation of high yielding indigenous dairy animals Vindhya Mahila Sahakarita Mudranalay, Rewa (M. P.)
3. Kavita Rawat, **Shweta Rajoriya**, Deepika D. Caesar, Anil K. Singh (2015) Impact of free radicals and antioxidant on male fertility Vindhya Mahila Sahakarita Mudranalay, Rewa (M. P.)

E. LEAD PAPER:

1. Aich, R., **Rajoriya, S.** and Rawat, K. (2023). Acute phase proteins as early biomarkers of diseases. Published by Department of Veterinary Physiology and Biochemistry, College of Veterinary Science & A.H., Jabalpur, NDVSU, M.P. Page no. 95-96 (In: Khan, M.H., Mandal, S., Gattani, A., Jesse, D., Singh, P., Patel, P., Jain, A.K. (Eds) 2022 “ Innovative Approach And Strategies of Animal Biochemistry And biotechnology Towards Holistich Development In Animal Health and Productivity Compendium of National Symposium and Conference organized by Society of Veterinary Biochemists and Biotechnologists of India (SVBBI) at College of Veterinary Science & A.H., Jabalpur, NDVSU, M.P. on 5th-6th January 2023 **ISBN No.** 978-81-95989-669

F. PRACTICAL MANUAL:

SN	Manual	ISBN/ ISSN No.	Publisher
1.	Veterinary Biochemistry: A Laboratory Manual Paper-I (Unit I and III)	ISBN 978-93-90660-01-8 E-ISBN 978-93-90660-09-4	Satish Serial Publishing House, Delhi
2.	Veterinary Biochemistry: A Laboratory Manual Paper-II (Unit-II)	ISBN 978-93-90660-17-9 E-ISBN 978-93-90660-25-4	Satish Serial Publishing House, Delhi
3.	Veterinary Physiology: A Practical Manual Paper-I (Unit I and II)	ISBN 978-93-90660-79-7 E-ISBN 978-93-90660-83-4	Satish Serial Publishing House, Delhi
4.	Veterinary Physiology: A Practical Manual Paper-II (Unit III and IV)	ISBN 978-93-90660-91-9 E-ISBN 978-93-90660-99-5	Satish Serial Publishing House, Delhi
5.	Clinical Biochemistry of Animals: A Laboratory Manual	ISBN 978-93-94023-72-7 E-ISBN 978-93-94023-74-1	International Books & Periodical Supply Service, Delhi
6.	Techniques in Biochemistry (VBC 602)		
7.	Veterinary Clinical Biochemistry & Laboratory Diagnosis- I (VLD-411)		
8.	Veterinary Clinical Biochemistry & Laboratory		

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	Diagnosis- II (VLD-421)		
9.	Animal Biotechnology- (VLD- 321)		
10.	Enzymology (BCT- 603)		
11.	Diagnostic Techniques in Clinical Biochemistry (BCT-704)		
12.	Molecular Biochemistry (BCT-607)		

F. POPULAR ARTICLE:

1. Dr. Gayatri Devangan, Dr. Shweta Rajoriya, Dr. Swati Koli and Dr. Neetu Rajput (2023) “Muhpaka Khrpaka rog ka herbal upchar” Pashudhan Praharee, 18 July 2023.
2. Dr. Gayatri Devangan, Dr. Swati Koli, Dr. Shweta Rajoriya, Dr. Neetu Rajput, Dr. Kavita Rawat and Dr. Jyotsana Shakkarpude (2023). “ Roganurodhi pratirodh: one health siddhant” Pashudhan Praharee, 05 May 2023
3. Dr. Jyotsana Shakkarpude, Dr Nishtha Kushwah, Dr. Archana Jain, Dr. Aamrapali Bhimte Dr. R. Aich, **Dr. Shweta Rajoriya**, Dr. Kavita Rawat, Dr. Madh uShivhare and Dr. Gayatri Devangan (2023) “Kutton me madhumeh” Pashudhan Praharee, 07 March 2023.
4. Dr. Kavita Rawat , Dr. Archana Jain, Dr. Jyotsana Shakkarpude , Dr. R. Aich, **Dr. Shweta Rajoriya**, Dr. Aamrapali Bhimte, Dr Nishtha Kushwah , Dr. Naresh Kurechiya and Dr. Joycee Jogi(2022) “Bater palan sambandhit rochak tathya” Pashu sandesh, 19 Nov 2022.
5. Dr Nishtha Kushwah, Dr. Jyotsana Shakkarpude, , Dr. Archana Jain, Dr. Aamrapali Bhimte Dr. Kavita Rawat, , **Dr. Shweta Rajoriya** and Dr. R. Aich (2023) “Ruminal microflora aur sambandhit microbial pachan” Pashu sandesh, 28 Feb, 2023.
6. Dr. Danveer Singh Yadav, Dr. Rashmi Choudhary, **Dr. Shweta Rajoriya** and Dr. Nawal singh Rawat (2022) “ Pashuon me rakt mutanan rog, lakshan evam Nidan”, Pashudhan Praharee, 20 April 2022.
7. Dr. Danveer Singh Yadav, Dr. Rashmi Choudhary, **Dr. Shweta Rajoriya** and Dr. Nawal singh Rawat (2022) “ PPR rog(Pestes des petitis ruminants/ Kala chhera)”, Pashudhan Praharee, 24 April 2022
8. **Dr. Shweta Rajoriya**, Dr. R. Rajoriya, Dr. R. Aich, Dr. Aamrapali Bhimte, Dr. Jyotsana Shakkarpude and Dr. Archana Jain (2021) “Suar palan : ek labhdayak vyavsay” Pashudhan Praharee, 23 Dec 2021.
9. **Dr. Shweta Rajoriya**, Dr. R. Aich, Dr. Aamrapali Bhimte, Dr. Jyotsana Shakkarpude and Dr. Archana Jain (2021) “Bakariyon me fadakiya ya enterotoximea” Pashudhan Praharee, 27 Dec 2021.

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10. **Dr. Shweta Rajoriya**, Dr. R. Aich, Dr. Aamrapali Bhimte, Dr. Jyotsana Shakkarpude and Dr. Archana Jain (2021) “Bhedon me ruminal acidosis” *Pashudhan Praharee*, 24 Nov 2021.
11. Dr. R. Aich, **Dr. Shweta Rajoriya**, Dr. Archana Jain, Dr. Jyotsana Shakkarpude and Dr. Aamrapali Bhimte (2021) “Pashu rog nidan me tivra charan protein” *Pashudhan Praharee*, 23 Oct 2021.
12. Dr. R. Aich, **Dr. Shweta Rajoriya**, Dr. Archana Jain, Dr. Jyotsana Shakkarpude and Dr. Aamrapali Bhimte (2021) Pashuo me carbohydrate gadbadi ka pata lagane wale parikshan *Pashudhan Praharee* 16 Oct 2021
13. Dr. R. Aich, **Dr. Shweta Rajoriya**, Dr. Aamrapali Bhimte, Dr. Archana Jain, and Dr. Jyotsana Shakkarpude (2021) Pashuo me kitosis aur uska upchar, *Pashudhan Praharee* 16 Oct 2021
14. Dr. R. Aich, **Dr. Shweta Rajoriya**, Dr. Archana Jain, Dr. Jyotsana Shakkarpude and Dr. Aamrapali Bhimte (2021) Janvaron me acid base balance me gadbadi aur iska kshtipurti 23 Oct 2021
15. Aamrapali Bhimte, Archana Jain, Jyotsana Shakkarpude, **Shweta Rajoriya** and Ranjit Aich (2021) “Fluoride Toxicity: A Major Global Problem” in *Domestic Animals Raksha Technical Review*, Vol 9 (1): 67-69
16. Jain, A., Shakkarpude, J., Bhimte, A., **Rajoriya, S.** and Aich, R. (2021). Billi ki meow (awaj) ke karan. *Pashudhan Praharee*, 26th April, 2021.
17. Dr. Shweta Rajoriya, Dr. Ravi Rajoriya, Dr. A. Patil, Dr. Somesh Meshram, Dr. Vandana Gupta (2021)” Bovine Leukosis: Maveshiyo ka samany cancer” *Pashudhan Praharee*, 7 January 2021.
18. Dr. Jyotsana Shakkarpude, Dr. Archana Jain, Dr. Aamrapali Bhimte, Dr. R. Aich and Dr. **Shweta Rajoriya** (2021) Bal shukar Araktata- Piglet anaemia, *Pashudhan Praharee*, 13 March 2021.
19. **Dr. Shewta Rajoriya**, Dr. Ravi Rajoriya, Dr. A. Patil, Dr. Somesh Meshram, Dr. Vandana Gupta (2021)” Bovine Leukosis: Maveshiyo ka samany cancer” *Pashudhan Praharee*, 7 January 2021.
20. Dr. Jyotsana Shakkarpude, Dr. Archana Jain, Dr. Aamrapali Bhimte, Dr. R. Aich and Dr. **Shweta Rajoriya** (2021) Bal shukar Araktata- Piglet anaemia, *Pashudhan Praharee*, 13 March 2021.
21. Dr. Somesh Meshram , Dr. P. K. Singh, Dr. N. S. Rawat, **Dr. Shewta Rajoriya** , Dr. Madhu Shivhare, (2020)” Bakri ke dudh ki upayogita aur Labh” *Madhya Bharat Krishak Bharati*, Feb (2020): 35 P
22. **Dr. Shweta Rajoriya**, Dr. Ravi Rajoriya Dr. J. S. Rajoriya and Dr. Payal Jain (2016) “ Navjat Bachhadon me safed dast aur Bachav” *Madhya Bharat Krishak Bharti*, Jan: 24P.

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23. Jitendra Singh Rajoriya, **Shewta Rajoriya**, Amit Kumar Jha, B. K. Ojha, Hari R. and Rajesh Vandre (2016) "Pashuon ki pramukh bimariyan avam bachav" *Madhya Bharat Krishak Bharti*, Jan: 24P
24. Anita Tewari, **Shweta Rajoriya**, Y.A. Chatur and Anuradha Nema (2016). "Foodservice packaging industry: Safety and sanitation" *Processed food industry*, March 24 P.
25. Dr. Payal Jain, **Dr. Shweta Rajoriya** and Dr. Ravi Rajoriya (2016). " Sardiyon me pashuon ka prabandhan" *Madhya Bharat Krishak Bharti*, Feb: 27.
26. Dr. A. Kumar, Dr. S. S. Bhadauriya, Dr. S.S. Tomar Dr. M.S. Jamra, **Dr. Shweta Rajoriya**, Dr. Pankaj Jain, Dr. Rajesh Kumar and Dr. P. K. Ram (2016). Magnasium Tetany: Ek upapachayi rog. *Krishak Aradhana* , 7 March pg 5.
27. Dr. Somesh Meshram , Dr. Madhu Shivhare, Dr. Deepika D. Ceaser , Dr. Rajesh Vandre , Dr. Shewta Rajoriya, **Dr. Ravi Rajoriya** and Dr. N. S. Rawat (2014)" Probiotics ki upayogita aur Labh" *Madhya Bharat Krishak Bharati*, Sept: 20 P
28. Dr. Sanjay Shukla, **Dr. Ravi Rajoriya**, Dr. Swatantra Singh, Dr. Shweta Rajoriya and Dr. Vandana Gupta (2014) "Bhedon me mahamari ki pehchan, lakshan evam upchar" *Madhya Bharat Krishak Bharati*, July- Aug, 44P.
29. Dr. Sanjay Shukla, **Dr. Ravi Rajoriya**, Dr. Vandana Gupta, Dr. Shweta Rajoriya and Dr. Swatantra Singh (2014) " Khurpaka evam muhpaka: Dudharu janvaron ki mahamaari, Oct-Nov. , 38 P.
30. Dr. Rajesh Vandre , Dr. Deepak Upadhyay, Dr. Aamod Kumar, **Dr. Ravi Rajoriya** , Dr. Shewta Rajoriya and Dr. Somesh Meshram (2014) "Bakriyon me PPR: Kara aur nidan" *Madhya Bharat Krishak Bharati*, Dec. : 23P
31. Dr. Rajesh Vandre, Dr. Madhu Shivhare, Dr. Somesh Meshram, Dr. N. S. Rawat, Dr. N. Singh, **Dr. Ravi Rajoriya** , Dr. Shewta Rajoriya and J. Shivhare (2014) "Muhpaka –khurpaka rog karan, bachav evam upchar" *Krishak Aradhana*, 22 Dec- 04 Jan: 5P
32. Dr. Ravi Rajoria, **Dr. Shewta Rajoria**, Dr. Rajesh Vandre, Dr. Somesh Meshram and Dr. Baleswari kurmi (2013) "Pashuo main Janan kshamata vradhi ke upay" *Madhya Bharat Krishak Bharati* Dec: 34P.
33. Dr. Somesh Meshram , Dr. Deepika D. Ceaser , Dr. Madhu Shivhare , Dr. Rajesh Vandre, **Dr. Shewta Rajoriya** and Dr. Ravi Rajoriya (2014)" Kukkut Mans , Ghundvatta aur Labha" *Madhya Bharat Krishak Bharati*, Feb, : 36P.
34. Dr. Somesh Meshram , Dr. Deepika D. Ceaser , Dr. Madhu Shivhare , Dr. Neelam Tandia, Dr. Rajesh Vandre, **Dr. Shewta Rajoriya** and Dr. Ravi Rajoria (2014) "Bater palan: Gramin Anchal me rojgar ka ek vikalp" *Madhya Bharat Krishak Bharati*, March: 32p.

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35. Dr. Rajesh Vandre , Dr. Ravi Rajoriya , Dr. Somesh Meshram, Dr. Madhu Shivhare, Dr. Deepika D. Ceaser, **Dr. Shewta Rajoria** and Dr. Neelam Tandia (2014) "Acche Guy ka chayan" *Krashak Aradhna weekly news paper* Jan: 8P.
36. **Dr. Shewta Rajoriya**, Dr. Ravi Rajoriya, Dr. Baleswari kurmi, Dr. Rajesh Vandre and Dr. Somesh Meshram (2013) "Azola: Ek sadabhar hara chara" *Madhya Bharat Krishak Bharati* Sep: 29P.
37. Dr. Baleswari kurmi, , Dr. manu Dixit, Dr. Neelam Kurmi, **Dr. Shewta Rajoriya**, Dr. Ravi Rajoriya (2014), Billion se insano me failta toxoplasmosis, *Madhya Bharat Krishak Bharati* Sep: 30P.
38. Dr. Rajesh Vandre , Dr. Ravi Rajoriya , **Dr. Shewta Rajoriya** , Dr. Somesh Meshram , Dr. Deepika D. Ceaser and Dr. Madhu Shivhare (2013) "Pashuo me Swasthya ki Dekhbhal aur Rogo ki Roktham" *Madhya Bharat Krishak Bharati*, Dec.- Jan. :38P.
39. **Dr. Shweta Rajoriya**, Dr. Ravi Rajoriya, Dr. Vandana Gupta (2014), Bakriyon ki mahamaari: Ek bhayavah rog, *Krishak Aradhana*, 10 March – 17 March, 6P.

G. TRAINING COMPENDIUM:

1. Shweta Rajoriya, Dr. Rashmi Choudhary, Dr. Madhu Shivhare and Dr. Jyotsana Shakkarpude (2023) hay banana v mahatva: Vyavsay In: Prashikshsan margdarshika –I Chara Utpadan Evam Silage Nirman pg 13-20
2. ICAR –sponsored 10 days Short Training Course entitled" Use of flame photometer in evaluation of metabolic profile test in dairy animals" in Recent Advances in Diagnosis and Therapeutic Approach to Metabolic and Deficiency Diseases in Dairy Cattle organised by Department of Veterinary Medicine, College of Veterinary Science and Animal Husbandry, Mhow, NDVSU (M.P.)
3. ICAR –sponsored 10 days Short Training Course entitled" Biochemical basis of ketosis and it's management in animals" in Recent Advances in Diagnosis and Therapeutic Approach to Metabolic and Deficiency Diseases in Dairy Cattle organised by Department of Veterinary Medicine, College of Veterinary Science and Animal Husbandry, Mhow, NDVSU (M.P.)

TRAINING/ CONFERENCE/WEBINAR/ CAMPS ORGANIZED:

1. Programme Coordinator for one day seminar cum exhibition on "Swatantrata sangaram mai janjatiya naykon ka yogdan" organised by NCST, Bhopal and CVSC & A.H., Mhow (M.P.) on 18th May 2023
2. Organizing Secretary ~ 6th International Conference on Veterinary and Livestock" during July 28-29, 2023 at Goa, India organized by Conference Mind.
3. Organizer of "Health camp at Harniyakhedi" on World Health Day on 10.04.23.

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4. Organized as Course Director: 21 days international e-training cum orientation program “Technological advancement and Integration in improving animal health, production and Reproduction vis- a – vis climate change” organized by Department of Veterinary Physiology and Biochemistry, College of Veterinary Science & A.H., Mhow (M.P.), Nanaji Deshmukh Veterinary Science University, Jabalpur (M.P.) during 05th to 25th July, 2022.
5. CO-Organizing Secretary- 1st International conference (Hybrid Mode) on “Global initiative in Research, Innovation and Sustainability Development of Agriculture and Allied Sciences” 2022 Organized by Guru Kashi University, Chandigarh from 06-08 June 2022
6. Organizing committee members: 21 days international training cum workshop program "A futuristic approach towards Smart Agriculture & Sustainable Urban Farming" 30 April to 20 May organized by Agro Environmental Education & Farmers Welfare Society (A.E.E.F.W.S.) and Just agriculture magazine (online mode)
7. Registration committee: one day National seminar program “Antimicrobial Resistance: A One Health Perspective” organized by Department of Veterinary Pharmacology and Toxicology, College of Veterinary Science & A.H., Mhow (M.P.), Nanaji Deshmukh Veterinary Science University, Jabalpur (M.P.) during 21st March, 2023 b) Conference/ Webinar attended:
8. Organized as Course Co-ordinator: 21 days international e-training cum orientation program on "Physio-biochemical and Biotechnological Approaches for optimization of Health and Reproduction in Animals" organized by Department of Veterinary Physiology and Biochemistry, College of Veterinary Science & A.H., Mhow (M.P.), Nanaji Deshmukh Veterinary Science University, Jabalpur (M.P.) during 01-21 December, 2020.
9. Organized National Webinar as Co-ordinating Secretary: National Webinar on "Implications of COVID-19 on Animal Health and Food Security" organised from 28th - 29th May 2020 by College of Veterinary Science and Animal Husbandry Mhow, NDVSU, Jabalpur.
10. Organized as **Course Director**: 21 days international e-training cum orientation program “Physiological and Biotechnological Interventions for the Improvement of Production, Reproduction and Health Status in Animals” organized by Department of Veterinary Physiology and Biochemistry, College of Veterinary Science & A.H., Mhow (M.P.), Nanaji Deshmukh Veterinary Science University, Jabalpur (M.P.) during November 16 to December 06, 2021
11. Organized Quiz as Co- Organizing Secretary on World Environment Day 2020 -5th June organized by College of Veterinary Science and Animal Husbandry Mhow, NDVSU, Jabalpur

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12. Organized Quiz as Co- Organizing Secretary on International Yoga Day 2020 -21st June organized by College of Veterinary Science and Animal Husbandry Mhow, NDVSU, Jabalpur
13. Member of reception committee of Ist Veterinary and Animal Science Congress & National Symposium on “Sustainable Scientific Strategies for Improving Health and Productivity of Livestock” organized by the College of Veterinary Science & A. H., Mhow, NDVSU, Jabalpur during March 06 & 08, 2020.
14. Member of registration committee of XVII Annual Convention of Society for conservation of Domestic Animal Biodiversity & National Symposium on “Enhancement of Farmers Income through Management of Animal Genetics Resources” organized by the College of Veterinary Science & A. H., Mhow, NDVSU, Jabalpur during February 10 & 11, 2020.
15. Committee Member of valedictory function committee for training on “ Lab animal experiments and application in biomedical research “ organized by Co. V. Sc. & A. H. Rewa sponsored by MPCST, Bhopal organized from 04 – 08 November 2015
16. Committee Member of valedictory function committee for ASCAD training for VAS on “Recent advances in farm animal reproduction” organized from 09.03.2015- 14.03.2015 at Govt. College of Veterinary Science & A. H., Rewa (M.P.)
17. Organised health camp as organizer in Harnayakhedi village on World Health Day on 10/04/23“
18. “Pashu Aushdhalay Harsola ka bhrman” Rashtriya Gokul Mission MAITRY- VI Training organized by Department of Veterinary Gynecology and Obstetrics, College of Veterinary Science & A. H., Mhow (M.P.) NDVSU, Jabalpur, M.P. on 10.12.2022

CONFERENCE ATTENDED:

1. ESMO Molecular Analysis of Precision Oncology 2022 (MAP 2022) Cancer Congress 2022 organized by European Society for Medical Oncology during 14 – 16 October 2022 in Amsterdam, Netherlands (Hybrid mode)
2. ESMO Gyenaecological Cancer Congress 2022 organized by European Society for Medical Oncology during 17-18 June 2022 at Valencia Spain (Hybrid mode)
3. 6th International Conference on Veterinary and Livestock" during July 28-29, 2023 at Goa, India organized by Conference Mind.
4. ESMO Targeted Anticancer Therapies Virtual Congress (TAT) organized by European Society for Medical Oncology during 7 to 9 March 2022

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5. 2 days National Webinar entitled “ Unlocking Entrepreneurship through National Education Policy 2020” organized by Just Agriculture & SKUAST, Kashmir during 21-22 Sep, 2022
6. One day seminar “Charting the spatial landscape of cancer hallmarks” organized by Biotechniques on 09.September 2022
7. ESMO Breast Cancer Virtual Congress 2021 organized by European Society for Medical Oncology during 5 - 8 May 2021
8. ESMO Congress 2021 organized by European Society for Medical Oncology during 16-21 September 2021 at Valencia Spain (Hybrid mode)
9. ESMO Gynaecological Cancer Congress 2021 organized by European Society for Medical Oncology during 25-26 June 2021 at virtual mode.
10. Two- Day International Webinar on “Frontiers in Cellular and Molecular Biology” organized by Department of Biochemistry and IQAC on 21st and 22nd July 2021.
11. National Webinar organized by the Department of Poultry Science in collaboration with Training & Placement Cell, College of Veterinary Science, AAU, Khanapara under the aegis of NAHEP during 12-14 July, 2021.
12. National Webinar on ‘Eggs and Poultry Meat in New Normal’ conducted by College of Veterinary Science & Animal Husbandry, Rewa (M.P.) on 8-4-2021.
13. Molecular Analysis for Precision Oncology Virtual Congress MAP-2021 by European Society for Medical Oncology during 7 - 9 October 2021.
14. XXIX Annual conference on “Recent approach to escalate livestock productivity under current socio-economic scenario” organized by Bihar Veterinary College, Bihar Animal Sciences University, Patna during February 25 & 26, 2021.
15. ESMO Targeted Anticancer Therapies Virtual Congress (TAT) organized by European Society for Medical Oncology during 1-2 March 2021
16. XXIX Annual conference on “Recent approach to escalate livestock productivity under current socio-economic scenario” organized by Bihar Veterinary College, Bihar Animal Sciences University, Patna during February 25 & 26, 2021.
17. ESMO Academy 2020 Virtual Meeting 2020 organized by European Society for Medical Oncology during 21 - 22 August 2020
18. International e-Conference on “Expanding Horizons in Physio-Biochemical and Molecular Approaches for Improving Livestock Health and Production” Organized by the Department of Veterinary Physiology and Biochemistry, Veterinary College and Research Institute, Orathanadu during 19th -20th October 2020.
19. International e-Conference on “Expanding Horizons in Physio-Biochemical and Molecular Approaches for Improving Livestock Health and Production” Organized by the Department

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of Veterinary Physiology and Biochemistry, Veterinary College and Research Institute, Orathanadu during 19th -20th October 2020.

20. 1st Veterinary and Animal Science Congress & National Symposium on “Sustainable Scientific Strategies for Improving Health and Productivity of Livestock” organized by the College of Veterinary Science & A. H., Mhow, NDVSU, Jabalpur during March 06 & 08, 2020.
21. XVII Annual Convention of Society for conservation of Domestic Animal Biodiversity & National Symposium on “Enhancement of Farmers Income through Management of Animal Genetics Resources” organized by the College of Veterinary Science & A. H., Mhow, NDVSU, Jabalpur during February 10 & 11, 2020.
22. VIIIth National conference on Biotechnology, Biodiversity and Environment “Recent advances in Biodiversity conservation, Biotechnology and environment management research” organised at Modern Science college, APS University REWA (M. P.), from 19.04.2013 to 20.04.2013.
23. A National Conference on Biotechnology for Common Man: Present & Future Prospects organised by Department of Biotechnology at Tata College Jamodi Kurd, Sidhi (M.P.), from 29.03.2014 to 30.03.2014.
24. 2nd SVSBT National Seminar on “Biotechnological approaches to challenges in animal health and production” organised at College of Veterinary Science Mathura (U.P.) scheduled from March 06-07, 2014.

PAPER PRESENTED:

1. **Shweta Rajoriya** (2021) Antimetastatic activity of apigenin in human breast carcinoma cells by regulation of different MMPs gene expression, *Annals of Oncology*, Volume 32, Supplement 1, 2021, Page S18 <https://doi.org/10.1016/j.annonc.2021.01.060> ESMO Targeted Anticancer Therapies Virtual Congress (TAT) organized by European Society for Medical Oncology during 1-2 March 2021
2. Arun Mourya, Brejesh Singh, Anand Jain, R K Garg, Shashi Pradhan and **Shweta Rajoriya** (2023) “Prevalence of subclinical mastitis in Cows in and around Jabalpur, Madhya Pradesh” at 6th International Conference on Veterinary and Livestock" during July 28-29, 2023 at Goa, India organized by Conference Mind.
3. **Shweta Rajoriya**, Sumit Ranjan Mishra, Karthik, K.V and Meena Kataria (2021) “ In Silico Docking Analysis of Capsacine, Eugenol, Piperine with different Matrix Metalloprotease involved in Metastasis”. XXIX Annual conference on “Recent approach to escalate livestock

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productivity under current socio-economic scenario” organized by Bihar Veterinary College, Bihar Animal Sciences University, Patna during February 25 & 26, 2021.

4. **Shweta Rajoriya** (2021) Antimetastatic activity of apigenin in human breast carcinoma cells by regulation of different MMPs gene expression, *Annals of Oncology*, Volume 32, Supplement 1, 2021, Page S18 <https://doi.org/10.1016/j.annonc.2021.01.060> ESMO Targeted Anticancer Therapies Virtual Congress (TAT) organized by European Society for Medical Oncology during 1-2 March 2021
5. **Rajoriya, S.**, Kumar, N. P., Kumar, A., Saini, M. and Kataria, M. (2020) “In Vitro studies on antimetastatic activity of curcumin in TNBC MDA MB-231 cell line model”. Presented in 1st Veterinary and Animal Science Congress & National Symposium on “Sustainable Scientific Strategies for Improving Health and Productivity of Livestock” organized by the College of Veterinary Science & A. H., Mhow, NDVSU, Jabalpur during March 06 & 08, 2020

TRAININGS ATTENDED

1. 21 days international e-training cum orientation program “Technological advancement and Integration in improving animal health, production and Reproduction vis- a – vis climate change” organized by Department of Veterinary Physiology and Biochemistry, College of Veterinary Science & A.H., Mhow (M.P.), Nanaji Deshmukh Veterinary Science University, Jabalpur (M.P.) during 05th to 25th July, 2022.
2. **21 days Training:** 21 days international e-training cum orientation program “Physiological and Biotechnological Interventions for the Improvement of Production, Reproduction and Health Status in Animals” organized by Department of Veterinary Physiology and Biochemistry, College of Veterinary Science & A.H., Mhow (M.P.), Nanaji Deshmukh Veterinary Science University, Jabalpur (M.P.) during November 16 to December 06, 2021.
3. **21 days Training:** “Recent Advances in Disease Diagnosis & Vaccines” organized by Department of Veterinary Microbiology, College of Veterinary Science & Animal Husbandry, Jabalpur (M.P.) from July 27-August 16, 2021.
4. **21 days Training:** International e-training cum orientation program on "Physio-biochemical and Biotechnological Approaches for optimization of Health and Reproduction in Animals" organized by Department of Veterinary Physiology and Biochemistry, College of Veterinary Science & A.H., Mhow (M.P.), Nanaji Deshmukh Veterinary Science University, Jabalpur (M.P.) during 01-21 December, 2020.
5. **21 days Training:** DBT-sponsored 21 Days online training course on “Skill Development on Advanced Bioinformatics in Genome Analysis of Livestock and Pets” to be organized by College of Animal Biotechnology and PMU-CRC-GADVASU, Department of

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Bioinformatics, College of Animal Biotechnology, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana Punjab from 5th to 25th March 2021.

6. **11 days Training: 11 days training** program on "Advance diagnostic approaches: A preparation to combat new challenges of veterinary Science" organized by College of Veterinary Science & A.H., Mhow (M.P.), Nanaji Deshmukh Veterinary Science University, Jabalpur (M.P.) during 19-31 October, 2020.
7. **7 days Short term course:** National E short term course on "Astrobiology: Planets and Life" from 29th June- 05th July 2020 organized by Institute of Biological SCIENCE, SAGE University, Indore, M.P.,India.
8. **3 days Summer training programme:** Summer training programme on "Naturopathy Phase II" from 24th - 27th July 2020 organized by Institute of Biological Science, SAGE University, Indore, M.P.,India.
9. **National workshop:** National workshop on "An insight to research proposal, statistical techniques and intellectual property rights" from 26th - 28th June 2020 organized by College of Veterinary Science and Animal Husbandry Mhow, NDVSU, Jabalpur.
10. **3 days Training:** DBT-sponsored 3 Days online training course on "Advances in mammary tumor diagnosis treatment" to be organized by College of Animal Biotechnology, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana Punjab from 15th to 17th December 2020.
11. **21 days training:** ICAR-Sponsored Winter School on "**Practicability, Scope and Future Prospects of Ethnobotanicals in Minimizing Antibiotic Resistance**" from 26th of Sep. to 16th of Oct. 2018 at Division of Medicine ICAR- Indian Veterinary Research Institute Izatnagar, Bareilly-243 122(U.P), India.
12. **21 days training:** 01- 21 September 2017 ICAR SPONSORED CAFT short course ON "Upstream reproductive technologies for augmentation of livestock production at IVRI Izatnagar.

WEBINAR/ SEMINAR ATTENDED:

1. Two- Days webinar on "oncology updates" organized by International association of Oncology on 07 08 July 2023. (Hybrid mode)
2. Two- Days Australia- India sponsored International workshop on "Sustainable Livestock Production under Impending Climate Change" organized by ICAR- Indian Veterinary Research Institute, Izatanagar on 21st and 22nd December 2022. (Hybrid mode)
3. 3 Days National Workshop on "ORGANIC FARMING through Nutrition Security and Environment Sustainability" organized by JUST AGRICULTURE & NIFTEM, KUNDLI, HARYANA.

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4. National Webinar on "Implications of COVID-19 on Animal Health and Food Security" organised from 28th May to 29th May 2020 by College of Veterinary Science and Animal Husbandry Mhow, NDVSU, Jabalpur.
5. National Webinar on "Contemporary issues in teaching and extension during COVID-19 pandemic" organized from 30-31 May 2020 by College of Veterinary Science and Animal Husbandry Mhow, NDVSU, Jabalpur.
6. Webinar on "Post COVID-19 animal husbandry & meat technology sector" organised from 21-23 May 2020 by College of Veterinary Science and Animal Husbandry Mhow, NDVSU, Jabalpur.
7. Seminar on "Epidemiological approaches to mitigate challenges faced by field veterinarian" organized from 28th – 30th January 2021 by College of Veterinary Science and Animal Husbandry Rewa, NDVSU, Jabalpur.
8. Webinar on "Prostate cancer localized" organized 29th August 2020 by International Training and Research in Uro-Oncology and Eurology.
9. International Webinar on "Technological advances to revolutionize cancer diagnostics" organised on 7th August 2020 by College of Veterinary Science and Animal Husbandry Anjoraw, CKVU, Durg
10. National Webinar on "Dairy industry in India: opportunities and challenges in perspective of COVID-19 pandemic" organized on 30th June 2020 by College of Veterinary Science and Animal Husbandry Rewa, NDVSU, Jabalpur.
11. National Webinar on "Monoclonal antibodies as therapeutics" organized on 29th June 2020 by College of Veterinary Science and Animal Husbandry Rewa, NDVSU, Jabalpur.
12. International Webinar on "upgrading the 100 years old TB Vaccine by exploiting the apoptotic pathway execution" organized on 27th June 2020 by College of Veterinary Science and Animal Husbandry Rewa, NDVSU, Jabalpur.
13. National Webinar on "Prospects of Animal Husbandry sector in milieu of Aatmanirbhar Bhara" organized on 27th June 2020 by College of Veterinary Science & Animal Husbandry, ANDUAT, Kumarganj Ayodhya
14. International Webinar on "Corona Pandemic, Dislocation and Livelihood Challenges: Multilevel Perspectives on Concerns and Coping Strategies" held on June 4th 2020 by Department of Geography Government Arts College, Sikar, Rajasthan (India)
15. Webinar on "Future Energy Challenges In Green Technology" held on June 9th 2020 by GIET, Bhubaneshwar.
16. National Webinar on "Aquascaping" organized on 22nd May 2020 by College of Fishery Science, NDVSU, Jabalpur.

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17. National Webinar on "Eggs and poultry meat in new normal" organized on 08th April 2020 by College of Veterinary Science and Animal Husbandry Rewa, NDVSU, Jabalpur.

18. Attended MPCST sponsored national seminar, 2014 on "Novel drug delivery strategies: A changing and challenging global scenario" scheduled on 15th November, at Guru Ramdas Khalsa Institute of science and Technology, Pharmacy, Jabalpur (M.P.).

NO. OF STUDENTS GUIDED (PG): Completed:

1. **Major Guide:** 1. Arti Chouhan- MVSc, Vety. Biochemistry
- 2.. **Minor Guide:** 1. Rakhi Verma - Ph.D., Vety. Anatomy
 2. Sakshi Singh - MVSc, Vety. Medicine
 3. Akanksha Singh - MVSc, Vety. Medicine
 4. Jayshree- MVSc, Animal Nutrition
 5. Harsh- MVSc, Animal Nutrition
 6. Pallakonda Sachin - MVSc, Animal Nutrition
 7. Anshika Tiwari MVSc, Animal Nutrition

AWARDS AND HONOURS RECEIVED:

1. Ram Singh Memorial National Animal Welfare Award 2023" by Pashudhan Prahari magazine
2. Dr. C. M. Sing Veterinary Science Excellence Award 2022" by Pashudhan Prahari magazine
3. Best Women Scientist Award ~ 6th International Conference on Veterinary and Livestock" during July 28-29, 2023 at Goa, India organized by Conference Mind.
4. Received Travel Grant for the MAP 2022, 14 – 16 October 2022 in Amsterdam, Netherlands maximum amount of EUR 800 granted by European Society for Medical Oncology
5. Young professor of the year award 2021 awarded by Education sensation.
6. Member of Editorial Board of "European Journal of Biotechnology and Bioscience" journal.
7. Member of Editorial Board of "Just agriculture" Magazine.
8. Appointed as reviewer of *Journal of interacademia*
9. Third prize for oral presentation of abstract entitled "In Vitro studies on antimetastatic activity of curcumin in TNBC MDA MB-231 cell line model". Presented in Ist Veterinary and Animal Science Congress & National Symposium on "Sustainable Scientific Strategies

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for Improving Health and Productivity of Livestock” organized by the College of Veterinary Science & A. H., Mhow, NDVSU, Jabalpur during March 06 & 08, 2020

10. Qualified **ICAR NET II 2014**

11. Qualified **UGC NET June 2012**

GUEST SPEAKER/ LECTURE DELIVERED:

1. “Chaynit prajanan dwara deshi naslon ka sanrakshan evam vikas” Rashtriya Gokul Mission MAITRY 1 Training organized by Department of Veterinary Gynecology and Obstetrics, College of Veterinary Science & A. H., Mhow (M.P.) NDVSU, Jabalpur, M.P. on 09.08..2023
2. “Murgipalan: Biosecurity” in 3 days poultry training program under Schedule Caste Subplan organized College of Veterinary Science & A. H., Mhow (M.P.) NDVSU, Jabalpur, M.P. on 02.02.2023.
3. Delivered lecture on “Poultry farming” at 26.04.2022 at State Animal Husbandry Training Institute Bhopal.
4. “Murgiyon me vatavaran ka prabhav” in 3 days poultry training program under Schedule Caste Subplan organized College of Veterinary Science & A. H., Mhow (M.P.) NDVSU, Jabalpur, M.P. on 15.03.2023.
5. “Murgiyon me prayogik tikakaran” Kukkut palan prashikshan Programe organized by College of Veterinary Science & A. H., Mhow (M.P.) NDVSU, Jabalpur, M.P. on 28.09.2022
6. “HAY Banana evam Mahatva: Vyavsay” in 3 days Chara utpadan evam silage nirman prashikshan organized by Department of Livestock and Production, College of Veterinary Science & A. H., Mhow (M.P.) NDVSU, Jabalpur, M.P. on 20.12.2022.
7. “Pashuo me garmiyon ke lakshan” Rashtriya Gokul Mission MAITRY- VI Training organized by Department of Veterinary Gynecology and Obstetrics, College of Veterinary Science & A. H., Mhow (M.P.) NDVSU, Jabalpur, M.P. on 26.09.2022
8. “Pashuo me garmiyon ke lakshan” Rashtriya Gokul Mission MAITRY- VI Training organized by Department of Veterinary Gynecology and Obstetrics, College of Veterinary Science & A. H., Mhow (M.P.) NDVSU, Jabalpur, M.P. on 05.09.2022
9. “Pashuo me garmiyon ke lakshan” Rashtriya Gokul Mission MAITRY- VII Training organized by Department of Veterinary Gynecology and Obstetrics, College of Veterinary Science & A. H., Mhow (M.P.) NDVSU, Jabalpur, M.P. on 03.11.2022

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10. “Pashuo me garmiyon ke lakshan” Rashtriya Gokul Mission MAITRY- X Training organized by Department of Veterinary Gynecology and Obstetrics, College of Veterinary Science & A. H., Mhow (M.P.) NDVSU, Jabalpur, M.P. on 09.02.2023
11. “Chaynit prajanan dwara deshi naslon ka sanrakshan evam vikas” Rashtriya Gokul Mission MAITRY- X Training organized by Department of Veterinary Gynecology and Obstetrics, College of Veterinary Science & A. H., Mhow (M.P.) NDVSU, Jabalpur, M.P. on 14.02.2023
12. Coordinated visit to DI, TVCC and CIF lab, CVSc, Mhow at 3 days workshop “Necropsy techniques and disease diagnosis of domestic, wild animals and poultry” organized by Department of Veterinary Pathology, CVSc, Mhow from 7-9 Dec 2022.
13. Presentation as Invited Guest Lecture on “MMPs: Prognostic markers ” at International e-training cum orientation program on "Physio-biochemical and Biotechnological Approaches for optimization of Health and Reproduction in Animals" organized by Department of Veterinary Physiology and Biochemistry, College of Veterinary Science & A.H., Mhow (M.P.), Nanaji Deshmukh Veterinary Science University, Jabalpur (M.P.) during 01-21 December, 2020.
14. Delivered lecture on “Sukron me metabolic rog evam physiology ki jankaari” at the training organized from 18.03.2015- 24.03.2015 at Govt. College of Veterinary Science & A. H., Rewa (M.P.) under the project entitled “Madhya Pradesh ke krishkon hetu sukar palan ke prashikshan Kendra ki sthapana”
15. Presentation as Invited Guest Lecture on “Transgenic animals: prospects for animal welfare” at National Conference on Biotechnology for Common Man: Present & Future Prospects organised by Department of Biotechnology at Tata College Jamodi Kurd, Sidhi (M.P.), from 29.03.2014 to 30.03.2014.
16. “Bakariyon me tikakaran” Rashtriya Pashudhan Mission Programme organized by Department of Livestock Production and Management, College of Veterinary Science & A. H., Mhow (M.P.) NDVSU, Jabalpur, M.P. on 25.11.2021.
17. “Sukar palan vyavsay ka mahattav” Pig Farming Training Programme organized by Department of Livestock Production and Management, College of Veterinary Science & A. H., Mhow (M.P.) NDVSU, Jabalpur, M.P. on 08.12.2021.
18. “Pashuo me garmiyon ke lakshan” Rashtriya Gokul Mission MAITRY Training organized by Department of Veterinary Gynecology and Obstetrics, College of Veterinary Science & A. H., Mhow (M.P.) NDVSU, Jabalpur, M.P. on 14.01.2022
19. “Pashuo me garmiyon ke lakshan” Rashtriya Gokul Mission MAITRY Training organized by Department of Veterinary Gynecology and Obstetrics, College of Veterinary Science & A. H., Mhow (M.P.) NDVSU, Jabalpur, M.P. on 24.02.2022

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20. "Pashuo me garmiyon ke lakshan" Rashtriya Gokul Mission MAITRY Training organized by Department of Veterinary Gynecology and Obstetrics, College of Veterinary Science & A. H., Mhow (M.P.) NDVSU, Jabalpur, M.P. on 05.08.2021.
21. "Rabi mausam ke hare chare ka bhandaran, sangrahan evam sanraakshana" in 3 days silage making training organized by Department of Animal Nutrition, College of Veterinary Science & A. H., Mhow (M.P.) NDVSU, Jabalpur, M.P. under the Rashtriya Pashudan Missoin Programme on 23.03.2022.
22. "Murgifarm par jaiv suraksha" in 3 days poultry training programme Rashtriya Pashudhan Mission Programme organized by Department of Livestock Production and Management, College of Veterinary Science & A. H., Mhow (M.P.) NDVSU, Jabalpur, M.P. on 25.02.2022.

RADIO TALK:

1. Delivered one radio talk at Radio Station, Indore on the topic "Dudharu pashuon ka ahara evam dekhbhal" broadcasted on 24.04.2023.
2. Delivered one radio talk at Radio Station, Indore on the topic "garmiyon me pakshiyon ki dekhbhal (tota)" broadcasted on 26.04.2023.
3. Delivered one radio talk at Radio Station, Indore on the topic "Pakshiyon ke vyvhar ko kese pahchane" broadcasted on 11.01.2022.
4. Delivered one radio talk at Radio Station, Indore on the topic "Pashuon ka samanya evam asamanya vyavhar kaise pahchane" broadcasted on 14.01.2022.
5. Delivered one radio talk at Radio Station Rewa on the topic "Ando ka vaigyanik Bhnadran" broadcasted on 17.06.2019
6. Delivered one radio talk at Radio Station Rewa on the topic "Dudharu pashuon ki uchit dekhrekh evam prabandhan" broadcasted on 02.05.2015

ACADEMIC/ EXTRACURRICULAR ACTIVITIES

1. Worked as Examination In-charge, Co. V. Sc. & A. H. Mhow, Session 2022-23
2. Examination In-charge Cell Session 2021-22 at Co. V. Sc. & A. H. Mhow
3. In-charge Examination Cell Session 2015-16 at Co. V. Sc. & A. H. Rewa
4. Hostel warden Girls Hostel Session 2015-16 at Co. V. Sc. & A. H. Rewa
5. Member of interview committee for selection of JRF for project entitled "Use of traditional ingredients to improve the functional value of meat products developed from Kadakanath" scheduled on 02.08.23.
6. In-charge HOD of Department of Veterinary Physiology and Biochemistry Session 15-16
7. Worked as tabulator for B V Sc & A. H. Fourth year Session 2022-23
8. Member of Literary Committee Session, Co. V. Sc. & A. H. Mhow, Session 2022-23

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9. Member of committee to celebrate anniversaries of freedom fighters and great personalities of India round the year, Co. V. Sc. & A. H. Mhow, Session 2022-23
10. Member of result Moderation committee for First year Session 2022-23, Co. V. Sc. & A. H. Mhow
11. Member of committee for verification of documents for admission in PG/PhD Session 2022-23
12. Member of Souvenir publication committee of Diamond Jubilee Celebration of College of Veterinary Science & A. H., Mhow on 11- 12 January 2023
13. Member of Stage committee of Diamond Jubilee Celebration of College of Veterinary Science & A. H., Mhow on 11- 12 January 2023
14. 31st World Veterinary Day 2022- Committee of caps and bags distribution
15. Inter class sports programme from 19th to 22nd November 2022- Girls Carom
16. 68th foundation day of CVSc, Mhow- Reception committee
17. Member of essay writing competition committee for Azadi ka amrit Mahotsav "Har ghar tiranga abhiyan, 13-15th August 2022
18. Interclass cultural and literary events- conducted Quiz
19. Organized Animal health camp for tribal beneficiaries in Awaldaman on 31.03.2021
20. Appointed as Chairman for maintenance and Poultry Farm by Registrar, NDVSU, Jabalpur
21. Member of Literary Committee Session, Co. V. Sc. & A. H. Rewa,
22. Worked for physical verification of Veterinary Parasitology Department
23. Member of student placement cell 2019-20 at Co.V. Sc. & A. H., Rewa
24. Organized Carom (Girls), and Table Tennis (Girls) as convenor at annual college sports 2019 at Co.V. Sc. & A. H., Rewa.
25. Organized Badminton (Girls) and Athletics as convenor at annual college sports 2019 at Co.V. Sc. & A. H., Rewa.
26. Member of Cultural committee Republic day celebration 2019 at Co.V. Sc. & A. H., Rewa
27. Member of Student Placement Cell Session, Co. V. Sc. & A. H. Rewa, Session 2019-20
28. Member of Academic Committee
29. Secretary of Women welfare committee Session 2015-16.
30. Member of Academic Committee Session 2015-16
31. Member of Disciplinary Committee Session 2015-16
32. Member of fee Committee Session 2015-16
33. Member of Anti- ragging Committee Session 2015-16
34. Member of Cultural and Literary activities committee Session 2015-16.
35. Member of Student Welfare Committee Session 2015-16.

Name of the teacher/Scientist: **Dr. SHWETA RAJORIYA**

36. Member of verification of original documents committee for B. V. Sc. & A. H., Session 2015-16
37. Member of Admission committee for First year B. V. Sc. & A. H., Session 2015-16
38. Appointed as verification officer for Physical verification of AGB, Co. V. Sc. & A. H. Rewa Session 2015-16.
39. Organized cultural functions 2016 as member of Cultural and Literary activities committee
40. Member of Stage decoration committee, Disciplinary committee, Accomodation committee, Sports organizing committee at Intercollege sports meet 2016 organized at Co.V. Sc. & A. H., Rewa.
41. Secretary of Women welfare committee Session 2015-16.
42. Member of Academic Committee Session 2015-16
43. Member of Disciplinary Committee Session 2015-16
44. Member of fee Committee Session 2015-16
45. Member of Anti- ragging Committee Session 2015-16
46. Member of Cultural and Literary activities committee Session 2015-16.
47. Member of Student Welfare Committee Session 2015-16.
48. Member of verification of original documents committee for B. V. Sc. & A. H., 2015-16
49. Member of Admission committee for First year B. V. Sc. & A. H., Session 2015-16
50. Appointed as verification officer for Physical verification of AGB, Co. V. Sc. & A. H. Rewa Session 2015-16
51. Member of transcript formation of First year Session 2014-15.
52. Member of result moderation committee Session 2014-15.
53. Member of National Scheme Services from Session 2014-15.
54. Organized cultural functions 2015 as member of Cultural and Literary activities committee
55. Organized "Animal Health Camp" as member at village Silpara, Rewa (M.P.) on 24.03.2015.
56. Organized special camp of National Scheme Services Session 2014-15 from

MEMBERSHIP OF SOCIETIES

1. Member of European Society for Medical Oncology (ESMO)
2. Life member of Indian Association of Women Veterinarians (IAWV)
3. Life member of Association of Animal Scientist (AAS)
4. Life member of Society of Veterinary Science and Biotechnology (SVBT)