

Research:

1. List of Research Projects: Completed & Ongoing

Sr. No.	Title of the Project	Name of PI/ Major Advisor/ Research Worker	Funding Agency	Total Cost of the project (Rs in Lakh)	Extra-mural (Funding agency)/ Intra-mural	Status (Completed/Ongoing)	Duration
1	Studies on pathogenesis of <i>L. monocytogenes</i> infection in Poultry & Development of Immunodiagnos tics	Dr. N.V. Kurkure	ICAR, New Delhi	19.86 lakh	Extra mural	complet ed	2004-2007
2	Epidemiological Studies on Classical Swine Fever in Central India & Goa	Dr. N.V. Kurkure	DBT, New Delhi	105.00 lakh	Extra mural	complet ed	2008-2012
3	DBT Network project on Brucellosis	Dr. N. V. Kurkure	DBT, New Delhi	114.70 lakh	Extra mural	complet ed	2012-15
4	Translation Centre for Molecular Epidemiology of <i>Listeria monocytogenes</i>	Dr. N. V. Kurkure	DBT, New Delhi	57.70 lakh	Extra mural	complet ed	2012-17
5	Exploiting encapsulated nanoparticles conjugated phytochemicals to combat antimicrobial resistance in poultry	Dr. N.V. Kurkure	ICAR-NASF, New Delhi	40.04 lakh	Extra mural	complet ed	2019-2023
6	Establishment of a consortium for one health to address zoonotic transboundary Diseases in India including	Dr. N.V. Kurkure	DBT, New Delhi	113.00 lakhs	Extra mural	Ongoin g	2022-25

	the North east region						
7	Pathogenomics and host pathogen interaction of <i>Brucella</i> infection	Dr. Madhuri Hedau	ICMR, New Delhi	84.29 lakh	Extra-mural	Ongoing	2022-25
8	Bacteriophage and one-health approach tackling AMR infections in humans, animals, and environment	Dr. Megha Kaore	ICMR, New Delhi	60.78 lakh	Extra-mural	Ongoing	2024-27
9	A Comparative One-Health Approach Tackling AMR Infections in UK and Indian Livestock	Dr. N.V. Kurkure	DBT, New Delhi	6.07 crore	Extra mural	Ongoing	2024-27

2. List of Private Agency Projects:

Sr no.	Title of the Project	Name of PI/ Major Advisor / Research Worker	Funding Agency	Total Cost of the project (Rs in Lakh)	Extra-mural (Funding agency)/ Intra-mural	Status (Completed/Ongoing)	Duration
1	“Performance, pathological and immuno-biochemical studies on efficacy of feed supplementation (Vimeral, Anabolite-P, Groviplek & Brotone) in commercial Broilers”	Dr. P.M. Sonkusale	Virbac Animal Health India Pvt. Ltd, Mumbai	2.77 lakh	Extra mural	completed	2013--14
2	“Pathological and immuno-biochemical studies on efficacy of polyherbal formulations in CCL ₄ induced fatty liver & kidney syndrome in broilers”	Dr. P.M. Sonkusale	Aurvet Ltd, H.P.	1.20 lakh	Extra mural	Completed	2015-16
3	Performance, pathological and immuno-biochemical studies on efficacy of detoxifier (Carniforcyl) during experimentally induced mycotoxicosis and chlorpyrifos toxicity in commercial broilers”	Dr. P.M. Sonkusale	Virbac Animal Health India Pvt. Ltd, Mumbai	1.87 lakh	Extra mural	Completed	2015-16
4	Evaluation of efficacy of phora on mycotoxin synthesis and preformed mycotoxin concentration in feed	Dr. Megha Kaore	Saife Vetmed Pvt. Ltd.	2.38 Lakh	Extra mural	Completed	2015-16

5	Evaluation of coxynil liquid on pathogenicity of sporulated oocyst in broilers	Dr. N. V. Kurkure	M/sGrowell India, Pune	1.24 lakh	Extra mural	Completed	2017-18
6	Evaluation of efficacy of Selisseo on growth performance and immune functions of commercial broilers	Dr. N. V. Kurkure	Adisseo, Bangalore	10.81 lakh	Extra mural	Completed	2018-19
7	To study the effect of aflatoxins and other mycotoxins at low concentration and effect of Toxt-Nil on immunity and histopathology of organs in commercial broilers	Dr. N. V. Kurkure	A2 livestock farms and research, Lohgad	4.99 lakh	Extra mural	Completed	2020-21
8	Evaluation of coccidiostat in broilers and its comparison with standard coccidiostats	Dr. Megha Kaore	Noble Vet Science, Pune	1.87 lakh	Extra mural	Completed	2020-21
	Effect of different combinations of preventive feed additives on pathology of <i>Emeria</i> infection in broilers	Dr. Madhuri Hedau	Saife Vetmed Pvt. Ltd., New Delhi	2.87 lakh	Extra-mural	Completed	2021-22
9	The Effect of Feeding a <i>Saccharomyces cerevisiae</i> Fermentation Product on the Immune Response to Vaccination in Commercial broilers	Dr. Madhuri Hedau	USAID Transform, Iowa, USA	9.16 lakh	Extra-mural	Completed	2023-25
10	Efficacy evaluation of herbal vitamin E supplements on improving performance and	Dr. P.M. Sonkusale	Aurvet Ltd, H.P.	3.00 lakh	Extra mural	Completed	2023-24

	health of commercial broilers						
11	Efficacy evaluation of some herbal formulations for control of Mycoplasmosis in commercial broilers	Dr. P.M. Sonkusa le	Aurvet Ltd, H.P.	3.00 lakh	Extra mural	Completed	2024-25
12	Effect of Feeding of immunowall on the Immune Response to Vaccination in Commercial broilers	Dr. Megha Kaore	Noble Vet Science, Pune	2.11 lakh	Extra mural	Ongoing	2024-25
13	Efficacy of commercial live and inactivated NDV vaccines against NDV Genotype XIII”	Dr. P.M. Sonkusa le	Hipra India Pvt. Ltd.	16.35 lakh	Extra mural	Ongoing	2024-25
14	Efficacy of Fortimas with or without herbs on the pathology of induced Fatty liver syndrome of broilers	Dr. Madhuri Hedau	Saife Vetmed Pvt. Ltd., New Delhi	2.54 lakh	Extra-mural	Ongoing	2024-25

3. Research Priorities:

Sr. No.	Research Area	Aim	Objective	Benefits of Farmers
1.	Molecular diagnosis and characterization of respiratory pathogens of poultry	To study the circulating strains of respiratory pathogens in poultry	To provide rapid and definitive diagnosis of respiratory pathogens of poultry	Provide definitive diagnosis of diseases which helps in proper treatment
2.	Pathology and molecular characterization of pathogens of animals and poultry	To detect and characterized pathogens of animals and poultry	To provide rapid and definitive diagnosis pathogens of animal and poultry	Provide definitive diagnosis of diseases which helps in proper treatment
3.	Efficacy of green synthesize nanoparticles against various pathogens of animals and poultry	To know the efficacy of green synthesize nanoparticles against various pathogens of animals and poultry	To study the pathogenicity and efficacy of green synthesize nanoparticles against various pathogens of animals and poultry	Generates the data regarding preventive therapeutics of green synthesize nanoparticles

4. Thesis:

Master:

Name of Department : Veterinary Pathology				
Sr. No.	Name of the Student	Title of Thesis	Year of Completion	Name of the Advisor
1	Febi Thomas	Effect of <i>Boerhaavia diffusa</i> Linn and <i>Butea frondosa</i> Koen in experimental ochratoxycosis of broilers.	2004	Dr. A.G. Bhandarkar
2	Vivek Pande	Pathology of experimentally induced T-2 Toxicosis in broilers	2005	Dr. N.N. Kukure
3	Shirish Narnaware	Ovarian pathology of Nagpuri buffalo under rural conditions	2005	Dr. Mrs. K. A. Sirothia
4	Ganjanan Tiple	Experimental Nimesulide Toxicity in Poultry	2006	Dr. A. G. Ganorkar
5	M.S. Hedau	Toxicopathology of some nonsteroidal anti-Inflammatory drugs in cockerels	2007	Dr. A. G. Bhandarkar
6	Sachin Raut	Effect of Chromium Supplementation in Broilers	2008	Dr. A. G. Ganorkar
7	Kailash Ingle	Effect of <i>Plumbago zeylanica</i> during experimental lead toxicity in rats	2008	Dr. Mrs. K. A. Sirothia
8	Mahaprabhu	Meloxicam toxicity in Wistar rats and ameliorative effect of <i>Ocimum sanctum</i>	2009	Dr. A. G. Bhandarkar
9	Babulal Jangir	Toxicological and genotoxic effects of acrylamide toxicity in Wistar rats	2009	Dr. N. V. Kurkure
10	Santosh Rahangdale	Toxicocopathological effects of acrylamide and ameliorative effect of vitamin C in male Wistar rats	2010	Dr. N. V. Kurkure
11	Dr. Vasudha Kadam	Toxicopathology of monosodium glutamate in male Wistar rats	2010	Dr. Mrs. K. A. Sirothia
12	Baijnath Prajapati	Micro and nano-zinc particulate subacute toxicity in male wistar rats	2011	Dr. N. V. Kurkure
13	Vandana Hedau	Sub-acute toxicopathology of monosodium glutamate in female wistar rats	2011	Dr. Mrs. Kirti Sirothia
14	Megha Kaore	Pathogenecity and molecular characterization of Newcastle disease virus encountered in and around Nagpur	2012	Dr. A. G. Bhandarkar
15	Chintamani Chavan	Immunohistochemical characterisation of mammary gland tumors in dogs	2012	Dr. N. V. Kurkure
16	Bhupesh Kamdi	Etio-pathological studies on Chicken Infectious Anemia	2013	Dr. A. G. Bhandarkar
17	Pankaj Kulurkar	Assessment of cytokine expression in <i>Listeria monocytogenes</i> challenged mice	2013	Dr. N. V. Kurkure
18	Sachin Raut	Pathology of <i>Salmonella enteri</i> challenge infection in broilers	2014	Dr. N. V. Kurkure

		and it's amelioration by <i>Bacillus subtilis</i> supplementation		
19	Rahul Pande	Effect of <i>Bacillus subtilis</i> as probiotic on pathology of <i>Clostridium perfringens</i> in broiler	2014	Dr. A. G. Bhandarkar
20	Priyanka Pal	Effect of <i>Curcuma longa</i> on experimental ochratoxycosis in male rats	2015	Dr. N.V. Kurkure
21	Rahul Kale	Effect of <i>Bacillus subtilis</i> as probiotic on pathology of <i>E. coli</i> in broiler	2015	Dr. P.M. Sonkusale
22	Disha Ukey	Toxicopathological study of melamine in broilers	2016	Dr. Mrs. K. A. Sirothia
23	Nitish Joat	Assesment of cytokine expression of mice challenged with <i>Listeria monocytogenes</i>	2016	Dr. n.V. Kurkure
24	Dinesh Painkra	Effect of <i>Bacillus subtilis</i> as probiotic on pathology of <i>Emeria infection</i> in broiler	2016	Dr. P.M. Sonkusale
25	Sidharth Jamgade	Detection of <i>Theileria annulata</i> in cattle using PCR and ELISA	2017	Dr. N. V. Kurkure
26	Pratik Ingle Patil	Pathology and diagnosis o <i>Theileria annulata</i> and <i>Theileria orientalis</i> in buffaloes	2017	Dr. P.M. Sonkusale
27	Pankaj Gaokar	Characterization of cancer stem cells from canine mammary gland tumors and its correlation with metastatic markers	2018	Dr. N. V. Kurkure
28	Noopur Halmare	Evaluation of anti-cancer activity of <i>Tinospora cordifolia</i> on induced tumor in mice	2018	Dr. N. V. Kurkure
29	Akshay Chavan	Effect of <i>Tinospora cordiofolia</i> on Infectiuos Bursa Disease virus induced pathology in cockerels	2019	Dr. P.M. Sonkusale
30	Seema Shinde	Anti-cancer activity of <i>Tinospora cordiofolia</i> on induced mammary tumor in mice	2019	Dr. N. V. Kurkure
31	Mayuri Chelkar	Effect of essential oil mixture on <i>E. coli</i> induced pathology in broilers	2020	Dr. Madhuri Hedau
32	Shipra Panda	Effect of metal nano-particles on <i>E. coli</i> induced pathology in broilers	2020	Dr. N. V. Kurkure
33	Mahesh Dahake	Efficacy of zinc nanoparticle conjugated with <i>Tinospora cordifolia</i> on cytokine gene expression in infectious bursal disease virus induced infection in broilers	2021	Dr. Madhuri Hedau
34	Arul Pandiyan G	Pathology and molecular characterization of important	2021	Dr. Megha Kaore

		respiratory disease pathogens of Chicken		
35	Naina Singh	Transcriptomic analysis of <i>Brucella abortus</i> infection in cell line model	2022	Dr. Madhuri Hedau
36	Bankar Aniket Sarjerao	Prevalence and molecular diagnosis of bovine tuberculosis	2022	Dr. Megha Kaore
37	Sukirti Sharma	Molecular characterization and pathological studies associated with fowl adenovirus I in chicken	2023	Dr. Madhuri Hedau
38	Chaitanya S.	Pathology and molecular characterization of immunosuppressive viral pathogens in chickens	2023	Dr. P.M. Sonkusale

Doctoral: Ph.D.

Name of Department: Veterinary Pathology				
Sr. No.	Name of the Student	Title of Thesis	Year of Completion	Name of the Advisor
1	Dr. A. G. Ganorkar	Pathology of aflatoxicosis in broilers	2001	Dr. D. L. Paikne
2	Dr. N.V. Kurkure	A study on pathology of ochratoxicosis in broilers	2003	Dr. D. L. Paikne
3	Dr. Mrs. K. A. Sirothia	Pathological conditions in fresh water fish in Eastern Vidarbha region.	2008	Dr. P. S. Lonkar
4	Dr. Sneha Thorat	Study on host pathogen interaction of <i>Listeria monocytogenes</i> in cell culture, <i>Galleria mellonella</i> and mice	2020	Dr. N. V. Kurkure
5	Dr. Vaibhav Patil	Efficacy of essential oil on <i>Salmonella enterica</i> subspecies <i>enterica</i> serovar <i>gallinarum</i> in induced pathology in layer	2022	Dr. N. V. Kurkure

5. Research Papers Published: 139

List of Research Publications:

Sr. No	Authors	Year	Title of the research paper	Name of Journal	Volume; Page Nos.	NAAS rating if any
1	Kalorey. D. R. Kurkure, N. V., Sakhare, P. S. Warke, Shubhangi, Ingle, V. C. and Harne, S. D	2003	Bacteriological investigation of clinical samples of poultry in Nagpur region	Indian Journal of Poultry Science.	38 : 181-183.	5.30
2	Kalorey, D. R., Dakshinkar, N. P. Kurkure, N. V., Shubhangi Warke and Sakhare, P. S.	2004	Antibacterial activity of an herbal ear drop for pets.	The Veterinarian	28 : 16-23	-
3	N. V. Kurkure, A. G. Bhandarkar, A. G. Ganorkar, S. W. Kolte and D. R. Kalorey	2004	New Castle disease concurrent with caecal coccidiosis in cockerels.	Indian Journal of Veterinary Pathology.	28 : 58	4.90
4	D. R. Kalorey, N. V. Kurkure, J.S. Ramgaonkar, P. S. Sakhare, Shubhangi Warke, and N. K. Nigot	2005	Effect of polyherbal feed supplement "Growell" during induced aflatoxicosis, ochratoxicosis and combine mycotoxicoes in broilers.	Asian Australian J. Anim. Sci	18: 375-383.	5.00
5	Kalorey, D. R Sakhare, P. S. and Kurkure, N. V.	2005	Effect of Toxiroak on immunological response during induced mycotoxicosis in broilers	Indian Veterinar y Journal	82 : 486-489	4.99
6	N.V.Kurkure, S.W.Kolate, A.G.Ganorkar,	2005	Coccidiosis in kids	Ind. Vet. Med. J.	29:75 .	-

	S.S.Chopade, A.G.Bhandarkar.					
7	V.V.Pande, N.V.Kurkure, A.G.Bhandarkar.	2006	Effect of T2 toxin on growth, performance and haematobiochemical alteration in broiler.	Ind. J. of experimental biology.	44:86-88	6.70
8	N.V.Kurkure , V.V.Pande , F.Thomas , A.G.Bhandarkar.	2006	Seminoma in monorchid Guinea fowl (Numida meligris).	J. of Vet. Med. Association	53, 22-23.	-
9	N.V.Kurkure, S.W.Kolte, A.G.Bhandarkar, D.R.Kalorey.	2006	Evaluation of herbal coccidiostat 'Coxynil' in broiler.	Indian J. of Exprimen tal Biology.	44:740-744.	-
10	S.D.Narnaware, k.A. Sirothia and A.G.Bhandarkar	2007	Ovarian tumours in buffaloes (Bubalus bubalis).	Indian J. Vet. Pathol.	31(1):60-61.	4.90
11	B.S. Baviskar, P.J. Gawande, D.K. Maske, A.K.Jayrao and A.G.Bhandarkar	2007	Occurrence of Haemaphysalis ticks in leopard (Panthera pardus) at Nagpur.	Zoos' prints,	22(7):8-10.	-
12	P. S. Sakhare, S.G. Harne, D.R.Kalorey, S.R. Warke, A.G.Bhandarkar and N.V.Kurkure.	2007	Effect of Toxirock polyherbal feed supplement during induced aflatoxicosis and combined mycotoxicosis in broilers.	Venerinar ski Arhiv.	77(2: 129-146.	6.40
13	Bahar Baviskar, Kailas Ingle, Priya Gawande, Sachin Raut, Kirty Sirothia and Arun Bhandarkar	2008	First report on occurrence of Babesia infection in Rohi (Boselaphus tragocamelus) from Central India.	Zoo's print	Number 1829	-

14	Madhuri Hedau, S.S. Raut, A.G. Bhandarkar, A.G. Ganorkar and K.S. Ingle	2008	Cholangiocellular carcinoma in leopard (<i>Panthera pardus</i>).	Indian Journal of Veterinary Pathology	32(1):84-85.	4.97
15	Madhuri Hedau, A. G. Bhandarkar, S. S. Raut and Kirti Sirothia	2008	Experimental diclofenac toxicity in poultry: A pathological study.	Indian Journal of Veterinary Pathology,	32(2):263-266.	4.97
16	Madhuri Hedau, S. S. Raut, A. G. Bhandarkar and K. S. Ingle	2008	Haematobiochemical changes in experimental paracetamol toxicity in poultry	Indian Journal of Poultry Science	43(2):235-237	5.30
17	Madhuri Hedau, A.G. Bhandarkar, S.S. Raut and A.G. Ganorkar	2009	Haematobiochemical changes in experimental nimesulide toxicity in poultry	Indian Veterinary Journal	66:1113-1115	4.99
18	Narnaware, S. D., Sirothia, K.A., Gawande, T.R. and Banthia, V.V.	2009	Different pathological conditions in ovaries of Nagpuri buffaloes (<i>Bubalus bubalis</i>).	Indian Vet. Journal	86: 127-128	4.99
19	Poharkar A, Anuradha Reddy P, Gadge V.A. Kolte S. Kurkure N., Shivaji S	2009	Is malaria the cause for decline in the wild population of the Indian White-backed vulture	Current Science	96 (4). 553-558	7.10
20	Bitsaktsis C, Rawool DB, Li Y, Kurkure NV, Iglesias B, Gosselin EJ.	2009	Differential requirements for protection against mucosal challenge with <i>Francisella tularensis</i> in the presence versus absence of cholera toxin B	J. Immunology	182(8) 4899-909.	9.60

			and inactivated F. Tularensis.			
21	Madhuri Hedau and A.G. Bhandarkar,	2010	Histopathological changes in experimental paracetamol toxicity in poultry.	Royal Veterinary Journal of India	6(1):23-25.	-
22	Madhuri Hedau, S.S. Raut, A.G. Bhandarkar, N.V. Kurkure and A.G. Ganorkar	2010	Effect of <i>Moringa oleifera</i> leaf and <i>Butea frondosa</i> flower supplementation in cockrels	Indian Veterinary Journal	87:337-338	4.99
23	Chopade, N.A., Kurkure, N.V., Tembhurne, P.A., Bhandarkar, A. G and Kalorey D.R.	2010	Detection of 5'Non coding region (5'NCR) of swine fever virus in tissues by RT-PCR	Indian J. of Comparative Microbiol. Immunol. Infect. Dis.	31 : 69-70.	4.49
24	AR Sawarkar., CR Jangade, PD Thakre, PM Sonkusale and Pratibha Jumde.	2011	Anti-pyretic activity of <i>Hibiscus rosa sinensis</i> linn in rats. 2011.	Indian J. of Field Veterinarian	6 (4): 49-51	5.25
25	Chopade, N.A., N.V. Kurkure, P.A.Tembhurne, A.G. Bhandarkar, S.S. Rautmare and D.R. Kalorey	2011	Detection of swine fever virus in tissues by reverse transcriptase polymerase chain reaction from field outbreaks in Maharashtra.	Indian Veterinary Journal	88: 62-63.	4.99
26	PM Sonkusale, AR Sawarkar and PD Jumde.	2011	Haematobiochemical studies on induced ciprofloxacin toxicity in broilers (<i>Gallus Gallus Domesticus</i>).	Indian J. of Field Veterinarian	7 (1):52-55	5.25

27	Vivek pande, Nitin Kurkure, Bhandarkar Arun, Kalorey Dewanand and Yamini Nagamalleshwari	2011	Histopathological and electron microscopic changes in T-2 toxicosis in broiler chicks.	Indian Journal of Veterinary Pathology	35 : 21-26.	4.99
28	Pratibha Jumde, Deepika Malviya, PM Sonkusale and Prajкта Charde.	2011	Haemoprotozoan infection in stray dogs at Nagpur. 2011.	Indian J. of Field Veterinarian	7 (2): 55-56	5.25
29	P. Sonkusale, AG Bhandarkar, NV Kurkure, K Ravikant, S Maini and D Sood.	2011	Hepatoprotective activity of superliv liquid and repchol in CCl ₄ induced FLKS syndrome in broilers.	International J. of Poultry Science	10 (1): 49-55	-
30	AR Sawrakar, PM Sonkusale, NV Kurkure, CR Jangade, S Maini and K. Ravikant 2011.	2011	Experimental Afla and Ochratoxin induced mixed mycotoxicosis in broilers and its amelioration with herbomineral toxin binder "Toxiroak Gold".	International J. of Poultry Science	10 (7) : 560-566.	-
31	N. V. Kurkure, Madhuri Hedau, S. S. Raut, D. R. Kalorey and A. G. Bhandarkar	2011	Prevalence of Genotypic characterization of <i>Pasteurella multocida</i> isolated from an outbreak of fowl cholera	Indian Journal of Veterinary Pathology	35(1):48-51	4.97
32	Rahangdale, Baulal Jangir, Manoj Patil, Trupti Verma, Arun Bhandarkar, Prsahnt Sonkusale and Nitin Kurkure.	2012	Evaluation of protective effect of vitamin E on acrylamide induced testicular toxicity in Wistar rats.	Toxicology International,	19(2): 158-161	5.56

33	Jangir Babulal, Jaya Raut, Santosh Rahangdale, Manoj Patil, Arun Bhandarkar and Nitin Kurkure	2012	Effect of Acrylamide toxicity on male reproductive system of Wistar rats	Indian Journal of veterinary Pathology.	36 : 37-40	4.99
34	Raut S. S., A. G. Ganorkar, A. G. Bhandarkar, Babu Lala Jangir, R. Mahaprabhu and N. V. Kurkure	2012	Effect of trivalent chromium on hemato-biochemical and histopathological parameters at higher doses in broilers.	Indian Journal of Veterinar y Pathology .	36 : 73-79.	4.99
35	Chopade NA, Kaore MP, Chavan CA, Rautmare SS, Tembhurne PA, Bhandarkar AG and NV Kurkure	2013	Detection of capripoxvirus from field outbreak of Sheep pox in Maharashtra state by polymerase chain reaction.	Indian Veterinary Journal.	90(3):110-11.	4.99
36	B.P.Kamdi, N.G.Shrikhande, R. Pande, P.M. Sonkusale and A.G. Bhandarkar.	2013	Pathology of Snake bite in stray dog.	IOSR J. of Agriculture and Veterinary Science	5 (3): 27-28	-
37	Kolte S. W., Gahlod B. M., Chopde N. A. Khatoon S., Banubakode S. B., Kurkure N. V.	2013	Tropical bovine theileriosis in a crossbreed cow.	Indian Veterinary Journal	90: 101-102.	4.99
38	Khatoon S., Kolte S. W., Kurkure N. V, Chopde N. A., A. Jahan	2013	Detection of tropical bovine theileriosis by polymerase chain reaction	J. Parasitic diseases	DOI 10.1007/s12639-013-0270-0	5.79
39	Franzoni G, Kurkure NV, Edgar DS, Everett HE, Gerner W, Bodman-Smith KB, Crooke HR, Graham SP.	2013	Assessment of the Phenotype and Functionality of Porcine CD8 T Cell Responses	Clin Vaccine Immunol.	20 (10). 1604-16.	-

			following Vaccination with Live Attenuated Classical Swine Fever Virus and Virulent Virus Challenge.			
40	Jangir BL, Mahaprabhu R, Rahangadale S, Bhandarkar AG, Kurkure NV.	2013	Neurobehavioral alterations and histopathological changes in brain and spinal cord of rats intoxicated with acrylamide.	Toxicol Indust Health	PMI D 2419 3052	7.70
41	Franzoni G, Kurkure NV, Essler SE, Pedrera M, Everett HE, Bodman-Smith KB, Crooke HR, Graham SP.	2013	Proteome-wide screening reveals immunodominance in the CD8 T cell response against classical swine fever virus with antigen-specificity dependent on MHC class I haplotype expression.	PLoS One.	doi: 10.1371/journal.pone.0084246.	8.90
42	Kaore MP, Kurkure NV, Bulbule NR and Chawak MM	2014	A case of Marek's Disease in Duck.	Indian Journal of Veterinary Pathology	38 (4): 289-291	4.97
43	B.P. Kamdi, P.M.Sonkusale, S.W. Raut, R.K.Pande, A.G. Bhandarkar and N.V. Kurkure.	2014	Rare case of ovarian granulose cell tumor in Turkey (<i>Meleagris gallopavo</i>).	IOSR J. of Agriculture and Veterinary Science,	7 (3), 54-55	-
44	AR Sawarkar, PM Sonkusale, PD Thakare, CR Jangade.	2014	Ameliorative effect of herbominal toxin binder 'Vilocym' on mycotoxicosis in broilers.	Indian J. of Field Veterinarians	10 (2): 8-12.	5.25

45	Ajay D. Pathak, Zunjar B. Dubal, Swapnil Doijad, Abhay Raorane, Savio Rodrigues, Rajeshwar Naik, Shraddha Naik-Gaonkar, Dewanand R. Kaloirey, Nitin V. Kurkure, Rajesh Naik and Sukhadeo B. Barbuddhe	2014	Human brucellosis among pyrexia of unknown origin cases and occupationally exposed individuals in Goa Region, India.	Emerging Health Threats Journal.	http://dx.doi.org/10.3402/ehtj.v7.23846	-
46	BP Kamdi, PM Kulurkar, NV Kurkure, SW Kolte, R Pande, SW Raut, AG Bhandarkar, PM Sonkusale.	2014	Avitellina centripunctata infection in Nilgai Boselaphus tragocamelus	Indian J. of Field Veterinarians	10 (2): 52-53.	5.25
47	C.A. Chavan, M.P. Kaore, A.D. Ingle, N.V. Kurkure, S.B. Akhare and A.G. Bhandarkar	2014	Immunohistochemical study of a rare case of bovine ameloblastoma	Indian Journal of Veterinary Pathology	38(4) : 275-277	4.97
48	Polakshee G, Morla S, Kaore M, Kurkure NV and Kumar S.	2015	Complete genome sequence of a Newcastle Disease virus isolate from an outbreak in Central India.	Genome announcements.	3(1):e01418-14.	-
49	BP Kamdi, PM Sonkusale, SW Raut, RK Pande, AG Bhandarkar, NV Kurkure.	2015	Pathology and molecular diagnosis of chicken infectious anaemia in Rhode Island Red (RIR) flocks in natural outbreaks.	Indian J. of Vet. Pathology	39 (1):50-53.	4.97
50	PM Sonkusale, AR Sawarkar and PD Jumde.	2015	Hepatoprotective activity of Superliv liquid in CCL4 induced FLKS syndrome in	The Indian J. of Veterinary Sciences and Biotechnology	10 : 27-31	5.25

			commercial broilers.			
51	Rawool DB, Vergis J, Vijay D, Dhaka P, Negi M, Kumar M, Nair A, Poharkar KV, Kurkure NV, Kumar A, Malik SV, Barbuddhe SB.	2015	Evaluation of a PCR targeting fimbrial subunit gene (fimA) for rapid and reliable detection of Enteroaggregative Escherichia coli recovered from human and animal diarrhoeal cases.	J. Microbiol Methods	110:45-8. doi: 10.1016/j.mimet.2015.01.008. Epub	7.70
52	Husain AA, Daginawala HF, Warke SR, Kalorey DR, Kurkure NV, Purohit HJ, Taori GM, Kashyap RS	2015	Investigation of Immune Biomarkers Using Subcutaneous Model of M. tuberculosis Infection in BALB/c Mice: A Preliminary Report.	Immune Netw	15(2):83-90. doi: 10.4103/in.2015.15.2.83.	-
53	Gogoi P, Morla S, Kaore M, Kurkure NV, Kumar S	2015	Complete genome sequence of a Newcastle disease virus isolate from an outbreak in central India.	Genome Announc	pii: e01418-14. doi: 10.1128/genomeA.01418-14.	-
54	V. S. Dhoke, P. R. Pande, Madhuri Hedau, R. S. Ingole and M. V. Joshi	2016	Epithelioid hemangioma in a male Hound dog: A case report	The Indian Journal of Veterinary Sciences and Biotechnology	11(4):59-61	5.25
55	Kamdi B P, Kulurkar P M, Bhandarkar A G, Sonkusale P M, Tembhurne P A, Raut S	2016	Study of mortality in young chickens by Chicken infectious anaemia	Indian Journal of Poultry Science.	51(3):353-358	5.30

	W, Pande R K, Kurkure N V. 2016.		virus (CIAV) in Nagpur region			
56	PM Sonkusale, PN Inglepatil, SV Jamdade.	2016	Hepatoprotective role of AV/LCP/18 in CCl4 induced FLKS syndrome in commercial broilers	The Indian J. of Veterinary Science & Biotechnology	12(2): 55-58	5.25
57	Ravikumar, R. K.; Kinhekar, Amol S.; Ingle, V. C.; Sonkusale Prashant; Awandkar, Sudhakar P.; Tembhurne, Prabhakar A.; Kumar, Vipin	2016	Effect of heat stress on haematological and immunological parameters in broilers.	Indian J. of Veterinary Sciences & Biotechnology,	11: 40-42	5.25
58	A. S. Chandewar, R. S. Ingole, M. V. Joshi, Madhuri Hedau, S. W. Hajare and M. V. Ingawale	2016	Immunomodulatory effect of <i>Andrographis paniculata</i> during lead induced toxicity in broilers	The Indian Journal of Veterinary Sciences and Biotechnology,	12(2):70-74	5.25
59	Madhuri Hedau and A. G. Bhandarkar	2016	Pathology of meloxicam toxicity in cockerel birds	The Indian J. of Veterinary Sciences and Biotechnology,	11(3): 59-64	5.25
60	Madhuri Hedau, R. S. Ingole and S.W. Hajare	2016	Outbreak of <i>Cysticercus tenuicollis</i> in goat kids in Western Vidarbha, India	Journal of Veterinary Parasitology	30(2):101-103	5.00
61	Madhuri Hedau and B. P. Kamdi	2016	Tuberculosis in captive sloth bear (<i>Melursus urcinus</i>)	International Journal of Scientific Research and Management	4(12):4941-4943	-
62	Morla S, Shah M, Kaore M, Kurkure NV and Kumar S.	2016	Molecular characterization of genotype XIIIb Newcastle disease	Microbial pathogenesis	99:83-86.	9.80

			virus from central India during 2006–2012: Evidence of its panzootic potential.			
63	C.A. Chavan, M.P. Kaore, A.G. Bhandarkar, M.S. Dhakate ¹ , N.V. Kurkure	2016	Cytological, histological and immunohistochemical evaluation of canine mammary tumors	Indian Journal of Veterinary Pathology	40(2) : 139-143	4.97
64	R.A Kantale, M.A. Halburge, D. P. Ukey, M.P. Kaore, K.A. Sirothia	2016	Clove oil: a safe anesthetic for rohu fingerlings	International. Journal of applied and pure science and agriculture	146-148	-
65	N. V. Kurkure, R. T. Kale, D. K. Painkra, Deesha P. Ukey, N. N. Joat, P. M. Sonkusale, Megha P. Kaore	2017	Cellulitis in broiler chicken due to Escherichia coli: A case report	International Journal of Scientific Research	6(9): 553-555	3.25
66	Madhuri Hedau, N. V. Kurkure, B. L. Jangir, N. A. Chopade, D. R. Kalorey and A. G. Bhandarkar.	2017	Pathological diagnosis of an outbreak of pasteurellosis in buffaloes of Vidarbha region in India	Indian Journal of Veterinary Pathology	41(1):38-40	4.97
67	V. S. Dhoke, Madhuri Hedau and M. V. Joshi	2017	Cervico-vaginal multiple leiomyoma in a Labrador dog: A case report	The Indian Journal of Veterinary Sciences and Biotechnology	12(3):65-66	5.25
68	Madhuri Hedau, R. S. Ingole, Suvarna Sonwane and S. B. Tadavi	2017	Vulvar squamous cell carcinoma in a horse: A case report	International Journal of Scientific Research and Management	5(1):5086-5088	-

69	Vaishali Wankhede, Maduri Hedau, R. S. Ingole, S. W. Hajare, and M. R. Wade	2017	Histopathological alterations induced by subacute imidacloprid toxicity in Japanese quails and its amelioration by <i>Butea monosperma</i>	Journal of Pharmacognosy and Phytochemistry	6(3):252-257	-
70	Suvarna Sonwane, R. S. Ingole, Maduri Hedau, P. R. Rathod, S. W. Hajare, and M. V. Ingawale	2017	Ameliorative effect of <i>Andrographis paniculata</i> on haematobiochemical parameters in <i>E. coli</i> induced broilers	Journal of Pharmacognosy and Phytochemistry	6(6):2845-1288	-
71	Yogita Amrutkar, S. W. Hajare, M. V. Ingawale, N. M. Bhojanne, Madhuri Hedau and R. S. Ingole	2017	Anti-Inflammatory Activity of Ethanolic Leaf Extract of <i>Dalbergia Sissoo</i> In Vitro and In Vivo	Advances in Tissue Engineering and Regenerative Medicine,	2(3):28-32	-
72	S. B. Tadavi, Madhuri Hedau, R. S. Ingole, S. W. Hajare and M. R. Wade	2017	Clinical and haematological changes induced by chlorpyrifos and amelioration by cow urine distillate in broilers	Journal of entomology and zoology studies	5(6):1510-1513	-
73	PN Inglepatil, SV Jamadade, NN Joat, PM Sonkusale, NV Kurkure.	2017	<i>E. Coli</i> infection in cross breed Jersey calf – A case report.	Global J. for Research Analysis,	6(7) : 21-24	-
74	Pereira NC, Upadhye SV, Jadhao PT, Akhare SB, Salvekar SP and Sonkusale PM. 2018.	2018	Surgical Management of Canine Urolithiasis.	Journal of Bombay Veterinary College	25(2) : 65-71	-
75	Chougule A.J., Wade M., Manwar S. J., Kuralkar S.V., Khose K. K., Hedau Madhuri	2018	Effect of supplementation of heat stress alleviating agents	Indian Journal of Poultry Science	53(1): 82 - 87,	5.30

			on growth performance of broilers subjected to heat stress			
76	Madhuri Hedau, Vaishali Wankhede and M. R. Wade	2018	Effect of <i>Butea monosperma</i> feeding in ameliorationg the toxicity of imidacloprid in liver in Japanese quails	Indian Journal of Animal Research,	52(12): 1766-1769	6.40
77	Suvarna Sonwane, R. S. Ingole, Madhuri Hedau and D. K. Ingole	2018	Sarcocystosis with thin wall cyst in cardiac muscle of bullock: A case report	The Indian Journal of Veterinary Sciences and Biotechnology	13(4):74-77	5.25
78	Vaishali Wankhede, Madhuri Hedau, R. S. Ingole and S. W. Hajare	2018	Ameliorative efficacy of <i>Butea monosperma</i> leaf powder in imidacloprid intoxicated Japanese quails	Indian journal of Veterinary Pharmacology and Toxicology	17(1):11-13	-
79	P. V Godbole, S. W. Hajare, N. M. Bhojane, Madhuri Hedau, R. S. Ingole, M. V. Ingawale	2018	Effect of curcumin on hemato-biochemical alterations after induced <i>E. coli</i> infection in broilers	Journal of Pharmacogno sy and Phytochemist ry	7(1):484-486	-
80	U. N. Kulthe, R. S. Ingole, Maduri Hedau, S. W. Hajare, and M. V. Ingawale	2018	Protectivitive effect of <i>Andrographis paniculata</i> on haematobiochemica l profile during chlorpyrifos induced subacute	Journal of Pharmacogno sy and Phytochemist ry	7(1):1150-1153	-

			toxicity in Japanese quails			
81	Madhuri Hedau, R. S. Ingole, S. W. Hajare, M. V. Ingawale, S. V. Kuralkar and S. J. Manwar	2018	Effect of individual and combined toxicity of chlorpyrifos and acetamiprid on growth parameters in broilers	Journal of Entomology and Zoology Studies,	6(2):2784-2787	-
82	Deesha Ukey, M.P. Kaore, K.A. Sirothia, P.M. Sonkusale and N.V. Kurkure	2018	Toxicopathological study of melamine in broilers	Indian Journal of Veterinary Pathology	42(4): 261-266	4.97
83	Megha Kaore, K.P. Singh, Palanivelu M, Asok Kumar M., M.R. Reddy and N.V. Kurkure	2018	Patho-epidemiology of respiratory disease complex pathogens (RDPs) in commercial chicken	Indian Journal of Veterinary Pathology	42(4) : 231-238.	4.97
84	Sruthy S, Tumlam UM, Warke SR, VC Ingle, Bhojane GR and Hedau Madhuri	2019	VP6 gene based RT-PCR for detection of rotavirus associated with diarrhoea in bovine calves	Journal of Entomology and Zoology Studies	7(6):373-376	-
85	Pranjali Pore, R. S. Ingole, Madhuri Hedau, S.W. Hajare, M.V. Ingawale, K. K. Khose	2019	Effect of <i>Andrographis paniculata</i> on hematobiochemical profile during monensin induced toxicity in Japanese quails	Journal of Pharmacognosy and Phytochemistry	8(2):1465-1468	-
86	Suvarna R. Sonwane, R. S. Ingole, M. S. Hedau, S. W. Hajare and M. V. Ingawale	2019	The ameliorative effect of <i>Andrographis paniculata</i> on <i>E. coli</i> induced	Veterinarski arhiv.	89(4): 545-557	6.40

			pathology in broilers			
87	Gaonkar P, Halmare N, Jamdade S, Sonkusale PM and Kurkure NV.	2019	Feline Infectious Peritonitis in a male Persian cat.	Int. J. Curr. Microbiol. App. Sci.,	8(1): 1446-1453	-
88	Ade MJ, Ingle VC, Tembhurne PA Tumlam UM, Kadam AS, Bhojne GR and Sonkusale PM.	2019	Incidence and molecular characterization of <i>Rotaviruses</i> of cattle and buffalo calves in Amravati Region, Maharashtra.	The Indian Journal of Veterinary Sciences & Biotechnology.	14(3): 20-23	5.25
89	Thorat SR, Rawool DB, Sonkusale PM, Warke SR, Choudhari SP and Kurkure NV. 2019.	2019	Virulence Profiling of <i>Listeria Monocytogenes</i> isolated from different Sources.	Int. J. Curr. Microbiol. App. Sci.,	8(05): 2010-2017	-
90	D. D. Ghodke, R. S. Ingole, M. S. Hedau, P. R. Rathod, S. W. Hajare and K. K. Khose	2019	Ultrastructural pathology of liver due to subacute acephate toxicity in broiler chicken	Indian J. Vet. Pathol.	43(2):720-723	4.97
91	Poonam Bhosale, S. W. Hajare, R. S. Ingole, M.V. Ingawale, P. Rathod, M.S. Hedau and S. P. Waghmare	2019	Protective effect of <i>Curculigo orchioloides</i> on hematobiochemical alterations induced by cypermethrin subacute toxicity in Wistar rats	The Pharma Innovation Journal	8(7):482-485	-
92	Megha Kaore, Seema Shinde, and Nitin Kurkure	2019	Pathology and molecular characterization of pigeon paramyxovirus-1 from natural outbreaks in central India.	Indian Journal of Veterinary Pathology	43 (4): 299-302.	4.97

93	M.M. Raut, Megha Kaore, C.A. Chavan, S.W. Kolte and N.V. Kurkure	2019	Pathology and phylogenetic analysis of <i>Schistosoma nasale</i> infection in cattle in Nagpur area	Indian Journal of Veterinary Pathology	43(3) : 217-220	4.97
94	S.R. Thorat, S.S. Shinde, P.Y. Badwaik, M.J. Ashar, A.A. Chavan, P.P. Gaonkar, M.P. Kaore and N.V. Kurkure	2019	Pox in wild pigeon from Nagpur, Central India – A case report Indian Journal of Veterinary Pathology	Indian Journal of Veterinary Pathology	43(1) : 68-70	4.97
95	AJ Chougule, MR Wade, S. J. Manwar, Madhuri Hedau and Urvashi Verma	2020	Effect of certain heat stress alleviating agents on haematobiochemical parameter in broilers during heat stress	Journal of Pharmacognosy and phytochemistry	9(2):2107-2110	-
96	M. Chelkar, S. Panda, M. S. Hedau, N. V. Kurkure and S.W. Kolte	2020	Concurrent Infection of <i>Trichuris ovis</i> and <i>Eimeria ninakohlyakimovae</i> in Goat: A Case Report	International Journal of Current Microbiology and Applied Sciences	9(12):1-5	-
97	VI Borekar, AP Somkuwar, NV Kurkure, SW Bonde and Madhuri Hedau	2020	Safety evaluation of <i>Zingiber officinale</i> rhizomes extract in Wistar rats	The Pharma Innovation Journal	9(9): 118-122	-
98	Sunil Hajare, Madhuri Hedau, Maheshkumar Ingawale, Sunidhi, Ravikanth Kotagiri and Bhaskar Gangulys	2020	Evaluation of acute oral toxicity of an early chick nutrition supplement	Veterinary Research International	8(3):254-256	-
99	Sunil Hajare, Madhuri Hedau, Maheshkumar Ingawale, Sunidhi,	2020	Acute oral toxicity of a polyherbal respiratory tonic	International Journal of Animal and	7:8-9	-

	Ravikanth Kotagiri and Bhaskar Ganguly			Veterinary Sciences		
100	Megha Kaore, Sipra Panda, Mayuri Chelkar, S.W. Kolte and N.V. Kurkure	2020	Occurrence of cat lungworm (Aelurostrongylus abstrusus) in Indian wild cat (<i>Felis silvestris ornata</i>)	Indian Journal of Veterinary Pathology	44(4) : 265-267	4.97
101	Giri Devesh Kumar, Jolhe DK, Ghosh RC, Kashyap DK, Sonkusale PM and Gumasta Poornima.	2020	Pathomorphological alterations during obstructive urolithiasis in a buffalo calf (<i>Bubalus bubalis</i>).	Ruminant Science,	9(1):21-23	4.45
102	S. P. Awandkar, S. Kale , C. Sonekar , G. K. Gabhane , S. P. Chaudhari ² and N. V. Kurkure	2021	Gynaecological disorders associated with <i>Brucella melitensis</i> in goat flocks with potential risk of occupational zoonoses in Central India	Current Science	120 (12): 25-28	
103	Gumasta Poornima, Ghosh RC, Prajapati Deepak, Argade Shubhangi, Jolhe DK, Sahu Savita, Shukla Neha, Sonkusale, PM and Shrivastava S.	2021	Etiopathology of Staphylococcal pneumonia in goat kids (<i>Capra hircus</i>): A case study..	Ruminant Science, 10	(1): 197-200	4.45
104	Palanivelu, Saravanan Ramakrishnan, Shyma K. Latheef, Deepthi Kappala, Asok Kumar Mariappan, Megha Kaore, Karthikeyan Anbazhagan, Bhavani Puvvala, Karam Pal	2021	First description of natural concomitant infection of avian nephritis virus and infectious bronchitis virus reveals exacerbated inflammatory response and renal damage in broiler chicks	Microbial Pathogenesis	154: 104830	9.80

	Singh, and Kuldeep Dhama					
105	Munuswamy, Palanivelu, Karampal Singh, Asok Kumar Mariappan, Megha Kaore, Shyma K. Latheef, Karthikeyan Anbazhagan, Vidya Singh, Maddula Ramakoti Reddy, and Kuldeep Dhama	2021	Pathobiological and molecular studies on infectious Laryngotracheitis virus (ILTV) infection in commercial chicken flocks in India	Indian Journal of Veterinary Pathology	44: 7-14.	4.97
106	Megha Kaore, Madhuri Hedau, Sneha Thorat, Seema Shinde, V.M. Dhoot and N.V. Kurkure	2021	A case of primary pulmonary adenocarcinoma in a German Shepherd dog	Indian Journal of Veterinary Pathology	45(2) : 139-141, 2021	4.97
107	Megha Kaore, Seema Shinde, Sneha Thorat, Sipra Panda, Mayuri Chelkar and N. V. Kurkure	2021	Patho-morphological, Immunohistochemical and Virological Investigation of Natural Outbreak of Peste des Petits Ruminants (PPR) in Osmanabadi Goat	International Journal of Livestock Research	11 (5) 53-59	4.31
108	Mayuri Chelkar, Sipra Panda, Megha P. Kaore, Nitin Kurkure	2021	Histopathological characterization of Transmissible venereal tumor in a dog: a case Report	Indian Journal of Canine Practice	13(2): 77-78	2.70
109	Megha Kaore, Nitin Kurkure	2021	Avian Pathogenic E. Coli Alters the Transcriptome	International Journal of Animal Biotechnolog	7 (1): 25-30	-

			Profile of the Liver in Broiler Chicks	y and Applications		
110	Halmare N, Gaonkar PP, Sonkusale PM, Somkuwar AP, Ingle AD and Kurkure NV.	2021	Evaluation of anti-cancer activity of <i>Tinospora cordiofolia</i> on experimentally induced spontaneous fibrosarcoma in Swis albino mice.	Indian J. of Veterinary Pathology,.	45 (1): 15-23	4.97
111	Panda S, Bhate R, Nemade A, Thorat S, Chelkar M, Bhagwan M, Sonkusale PM, Tembhurne PA and Kurkure NV. 2021.	2021	Pathology and molecular investigation of Peste des Petis Ruminants outbreak in goats of Nagpur district	India. Indian J. of Veterinary Pathology,	45 (1): 66-68.	4.97
112	Kamble M, Sharda Raju, Dewangan Rukmani, Tiwari SK, Ali SL, Jolhe DK, Singh Mohan, Gumasta Poornima, Sonkusale PM and Kalim MO.	2021	Comparative evaluation of 28linic-physiological effect of total intravenous anaesthesia of etomidate in midazolam and dexmedetomidine premedication in dogs.	The Pharma Innovation Journal	10(11): 15-20, 2021	-
113	Pandiyani G. Arul, Dahake Mahesh, Patil Vaibhav, Kaore Megha, Hedau Madhuri, Kurkure N.K	2022	Pathology and molecular characterization of diphtheritic form of fowl pox in chicken: a case report	Indian Journal of Veterinary Pathology	46(2): 174-176.	4.97
114	PM Sonkusale, RC Ghosh, Deveshkumar Giri, Poornima Gumasta, Neha Shukla, Vivek Kumar, DK Jolhe, SD Hirpurkar and Savita Bisen.	2022	Pathology and molecular characterization of chicken parvovirus in desi chickens of Chhattisgarh.	The Pharma Innovation Journal	11(7): 1871-1875	--

115	PM Sonkusale, Vivek Kumar, Deveshkumar Giri, Poornima Gumasta, Neha Shukla, RC Ghosh, Savita Bisen, CS Sannat and DK Jolhe.	2022	Pathology of chicken infectious anemia with concurrent infections in chickens of Chhattisgarh	The Pharma Innovation Journal	11(8): 360-364	-
116	Devesh Kumar Giri, RC Ghosh, M Choudhary, DK Jolhe, PM Sonkusale, Savita Sahu, V Dilliwar, Poornima Gumasta and Neha Shukla	2022	Association of <i>Proteus mirabilis</i> with caprine pneumonia in Central India	The Pharma Innovation Journal	11(8): 1553-1558	-
117	P. M. Sonkusale, R. C. Ghosh, Devesh Kumar Giri, Vivek Kumar, Poornima Gumasta, Neha Shukla and Bisen Savita	2022	Pathology and Molecular Diagnosis of Chicken Infectious Anemia in Commercial Layers of Chhattisgarh.	International Journal of Livestock Research,	12(12), 13-17	4.31
118	Patil Vaibhav, Badar Shweta, Kaore Megha, Hedau Madhuri, Choudhary Sandeep, Kadam Mukund, Somkuwar Arju, Kurkure Nitin	2022	In vitro antimicrobial activity of essential oil alone and its combination against salmonella and its correlation with antibiotics	Indian Journal of Poultry Science	57(3): 295-300.	5.30
119	Khumali Debbarma, S.W. Kolte, S.G. Jadhav, M. Kaore, N.V. Kurkure and P. Gawande	2022	Diagnosis of canine babesiosis by conventional and molecular techniques	Journal of Veterinary Parasitology,	36(2)202 2:105-109	5.00
120	Vaibhav Patil, Shweta Badar, Megha Kaore, Madhuri Hedau, Sandeep Chaudhari, Deepak Rawool, Sukhadeo Barbuddhe, Jess Vergis and Nitin Kurkure	2022	In Vitro-Antibacterial Activity of Five Essential Oils against Salmonella enterica Subspecies enterica Serovar Typhimurium of	Acta Scientific Veterinary Sciences	61-69	-

			Poultry Origin and their Correlation with Antibiotics			
121	Vemula Prasastha Ram, Jyothsna Yasur, Padikkamannil Abishad, Chatragadda Ramesh, Diksha Purushottam Gourkhede, Arya Pokkittath, Varsha Unni, Jess Vergis, Satya Veer Singh Malik, Megha Kaore, Nitin Vasantrya Kurkure, Byrappa Kullaiiah, Sukhadeo Baliram Barbuddhe, Deepak Bhiwa Rawool	2023	Enhanced therapeutic efficacy of biogenic nanosilver-conjugated thymol: In vitro and in vivo evaluation against emerging multi-drug resistant microbes	Journal of Drug Delivery Science and Technology	122-134	11.00
122	Kamdi Bhupesh, Abhijit Barate, Pankaj Kulurkar, Megha Kaore, Arun Bhandarkar, Rahul Singh	2023	Pathology and molecular characterization of chicken infectious anemia virus and in silico antigen prediction	Animal Biotechnology	(2023) 1-8	9.70
123	Sonkusale, P. M., Ghosh, R. C., Giri, D. Kumar, V., Shukla, N., Gumasta, P. and Bisen, S.	2023	Pathology and Molecular Diagnosis of Velogenic Viscerotropic Newcastle Disease Virus in Desi Chickens of Chhattisgarh	Ind J Vet Sci and Biotech.	19 (1), 120-123.	5.25
124	Prashant M. Sonkusale, Shubhangi R. Warke, Chaitanya S, Sukirti Sharma, Mrunal V. Kamble, Bhushan M. Khati	2023	Pathology and Molecular Detection of Avian Colibacillosis in Commercial Chickens of Nagpur Region.	International Journal of Current Science Research and Review. Volume	06 (05) 2937-2940	-
125	Prashant M. Sonkusale, Shubhangi R. Warke,	2023	Pathological studies and molecular detection of salmonellosis in	International Journal of	10(5) 523-527.	-

	Chaitanya S and Sukirti Sharma.		desi chickens of Nagpur region.	Research and Review.		
126	Shubhangi Warke, Prashant Sonkusale, Sumedha S. Boabde.	2023	Prevalence study of biofilm marker <i>icaD</i> Gene among Coagulase Positive <i>Staphylococcus</i> of mastitic origin.	International Journal of Current Science Research and Review.	06 (06) 3140-3147	-
127	Kumar, V., Jolhe, D.K., Ghosh, R.C., Sonkusale, P.M. and Sharma, S.	2023	Pathology and Diagnosis of Ocular Squamous Cell Carcinoma in Bovines.	Ind J Vet Sci and Biotech.	19 (4), 43-49.	5.25
128	Gumasta, P., Ghosh, R.C., Jolhe, D.K., Giri, D.K., Shukla, N., Sonkusale, P.M. and Porte, C.	2023	Mycoplasma synoviae Based Molecular, Phylogenic and Pathological Studies in Chickens.	Indian Journal of Animal Research..	doi:10.18805/IJAR.B-5044	6.40
129	Savita Bisen, S Pal, KR Baghel, IL Raj, PM Sonkusale and Deepti Kiran Barwa.	2023	Gastrointestinal parasitism: Prevalence and associated determinants in Osmanabadi goats of Chhattisgarh plains	The Pharma Innovation Journal.	12(7): 2753-2757	-
130	Sonkusale, P., Ghosh, R. C., Giri, D. K., Kumar, V., Gumasta, P., Shukla, N., & Bisen, S. (2023).	2023	Pathology and Molecular Detection of Salmonellosis in Commercial Chickens of Chhattisgarh.	International Journal of Livestock Research,	13 (6), 36-40.	4.31
131	Kumar, V., Jolhe, D.K., Ghosh, R.C., Dewangan, R., Sonkusale, P.M. and Sharma, S.	2023	Pathomorphological and Immunohistochemical Studies on Bovine Horn Core Carcinoma.	Indian Journal of Animal Research.	DOI: 10.18805/IJAR.B-5206	6.40
132	Patil Vaibhav, Madhuri Hedau, Megha Kaore, Shweta Badar, Mukund	2023	Potential of cinnamaldehyde essential oil as a	Tropical Animal	55: 126-136.	7.70

	Kadam, Sandeep Chaudhari, Deepak Rawool, Sukhadeo Barbuddhe, Jess Vergis, and Nitin Kurkure		possible antimicrobial against fowl typhoid in layers	Health and Production		
133	Onkar Deshmukh, Rahul Diliprao Suryawanshi, Nitin Kurkure, Megha Kaore, Shweta Badar, Onkar Shinde, Sudhakar Awandkar, Nandkumar Gaikwad	2023	Molecular characterization of multidrug-resistant avian pathogenic Escherichia coli isolated from poultry and poultry products	Indian Journal of Animal Sciences	93(5): 431-436	6.40
134	Madhuri Hedau, Megha Kaore, Sunil W. Kolte and Nitin V. Kurkure	2024	Molecular and pathological investigation of spirochaetosis in a commercial layer flock – case report	Veterinarski Arhiv	94 (2):165- 172	6.40
135	Kolangath SM, Upadhye SV, Gawande AP, Bhadane BK, Pawshe MD, Kaore MP, Priyanka Mulmule and Kolangath RM	2024	First report of Cysticercus tenuicollis (Taenia hydatigena cysticerci) in an Indian Langur (Semnopithecus entellus)	International Journal of Advanced Biochemistry Research	SP-8(6): 281-285	5.29
136	Kolangath SM, Gawande AP, Dhoot VM, Bhadane BK, Pawshe MD, Kaore MP, Kolangath RM, and Upadhye SV	2024	Molecular evidence of Elephant Endotheliotropic Herpes Virus (EEHV) from Maharashtra, India	International Journal of Advanced Biochemistry Research	SP-8(3): 672-679	5.29
137	NH Jain, GA Fiske, SB Akhare, SV Upadhye, BK Bhadane, GR Bhojne, MP Kaore, KD Gaikwad and P Badwaik	2024	Prevalence of hepato-biliary affections in canines	International Journal of Veterinary Sciences and Animal Husbandry	9(5): 01- 04	4.61

138	Nitin V. Kurkure and Megha P. Kaore	2024	Control of Newcastle disease: Do we need to change vaccine candidate	Indian Journal of Veterinary Pathology	48(2) : 99-105	4.97
139	Waghmare S, Gupta M, Bahiram KB, Korde JP, Bhat R, Datar Y, Rajora P, Kadam MM, Kaore M, Kurkure NV	2025	Effects of organic acid blends on the growth performance, intestinal morphology, microbiota, and serum lipid parameters of broiler chickens	Poultry Science	104(1):1 04546.	9.80

List of Marathi and Popular articles published: 44

Sr. No	Authors	Year	Title	Name of the Journal/Magazine	Volume: Page Nos.
1	Dr. Madhuri Hedau	21 November 2008	Shelyakarita lasikarnache welapatrak	Agrowan, Sakal	15
2	Dr. Madhuri Hedau	22 November 2008	Dudhalu janawaranche lasikaran mahatwache	Agrowan, Sakal	15
3	Dr. Madhuri Hedau	13 December 2008	Janawaramadhil yakrut krumi badha	Agrowan, Sakal	15s
4	Dr. Madhuri Hedau	30 December to 05 January 2009	Janawaramadhil sarra rengalnara rog	Saptahik Krishikonnati	7
5	Dr. Madhuri Hedau	2 February 2009	Janawaratil Janta (krumi) badha	Agrowan, Sakal	15
6	Dr. P. M. Sonkusale	Feb, 2009	Shelipalnamadhe adhalnare samannya aajar ani gharguti upchar	Krushkkonnati	7
7	Dr. Madhuri Hedau	21 February 2009	Bakaryanmadhil Kharuj	Agrowan, Sakal	15
8	Dr. Madhuri Hedau	February 2009	Dudhalu janawaramadhil standah wa tyawaril pratibandhak upay	Baliraja	107-108
9	Dr. Madhuri Hedau	10 March 2009	Janawaranmadhil aajar : olakh aani Upaya	Agrowan, Sakal	13
10	Dr. Madhuri Hedau	31 March to 06 April 2009	Janawaranmadhil sansargik garbhapat samsya wa pratibandhak Upaya	Saptahik Krishikonnati	19
11	Dr. Madhuri Hedau	21 to 27 April, 2009	Janawaranmadhil Finnus kivva snoring disease	Saptahik Krishikonnati	19
12	Dr. Madhuri Hedau	1 May 2009	Kombadyanna ushnatepasun wachawa	Agrowan, Sakal	15

13	Dr. P.M. Sonkusale	Jan, 2010	Kombdyanmadhe burshimule honarya vishbadheche niwaran	Krushkkonnati	11
14	Dr. P.M. Sonkusale	Feb, 2011	Gaiche ultne- samasya wa upay	Krushkkonnati	13
15	Dr. Madhuri Hedau	06 August 2013	Pashurog nidanasathi karun ghya chachanya	Agrowan, Sakal	12
16	Dr. Madhuri Hedau	13 August 2013	Pavsalyat hoto sara, farya, gochid tap rogacha pradurbhav	Agrowan, Sakal	12
17	Dr. Madhuri Hedau	29 August 2013	Janavaratil sara rogache niyantran kase karave	Agrowan, Sakal	12
18	Dr. Madhuri Hedau	08 September 2013	Mendhyanmadhil niljivha aajarache kara niyantran	Agrowan, Sakal	12
19	Dr. Madhuri Hedau	22 September 2013	1Khursada –shelya mendhyatil ghatak rog	Agrowan, Sakal	12
20	Dr. Madhuri Hedau	07 October 2013	Mendyanmadhil niljivha aajarache niyantran kase karave	Agrowan, Sakal	10
21	Dr. Madhuri Hedau	27 November 2013	Janawarnchya prajanas hiwala faydyacha	Agrowan, Sakal	12
22	Dr. Madhuri Hedau	08 March 2014	Desh pataliwar dugdhavyavasayat mahilanchich aaghadi	Agrowan, Sakal	7
23	Dr. Madhuri Hedau	August 2014	Pavsalyat janawarachi kalji, poshan, aahar va uchit pratibandh aavashyak,	RCF, Shetipatrika	10
24	Dr. Madhuri Hedau	2014	Janawaratil pranisankramit jalputi rog	MAFSU ghadipatrika no 1/2014	-
25	Dr. Madhuri Hedau	2014	Pranisankramit jalputi rogacha shwananmadhe pratibandh	MAFSU ghadipatrika no 2/2014.	-

26	Dr. Madhuri Hedau	2015	Nirniralya roganchya nidanakarita prayogshalet pathvinyache vividh namune va pathavinyachya padhati	Mahitipustika PGIVAS, Akola on 'Pashuaarogya vyavasthapan va prathmopchar'	
27	Dr. Madhuri Hedau	2016	Parjivimule shelyana honare aajar	Mahitipustika PGIVAS, Akola on 'Shelipalan ek kifayatshir vyavasay'	
28	Dr. Madhuri Hedau	2017	Pakshyanmadhil vishanujanya raktakhsay	Krushipatrika	47(5):6
29	Dr. Madhuri Hedau	2017	Parjiwimule shelyana honare aajar	Mahitipustika, PGIVAS, Akola	-
30	Dr. Madhuri Hedau	27 September, 2017	Rabies: What kids need to know	Leaflet, PGIVAS, Akola	-
31	Dr. Madhuri Hedau	2017	Pashuvyavsthanat swatcha panyache mahatwa	Ghadipatrika, PGIVAS, kola	-
32	Dr. Madhuri Hedau	25 June 2018	Pakshanmadhil Vishanujanya Raktaskhay	Lokmat - Leading Dailies	-
33	Dr. Madhuri Hedau	2019	Plastic che pradushan tala, janawaranche aarogya sambhala	Krishi patrika, Dr. PDKV, Akola	-
34	Devesh Kumar Giri, RC Ghosh, Deepak Kumar Kashyap, PM Sonkusale, DK Jhole	Dec, 2021	Pashuo ke swastha parikshan ka mahatv	Chhattisgarh krushi Waniki	5(02): 19
35	Deveshkumar Giri, Deepak Kumar Kashyap, RC Ghosh, and PM Sonkusale	Sept, 2022	Bakario yevam bhedo ki mata mahamari (PPR) rog	Chhattisgarh krushi Waniki	5 (11): 25-27

36	Savita Bisen, PM Sonkusale and Sonali Prusti	Jan, 2023	Manushya me yeskariasis ka sankraman, karan, lakshan yeom upchar	Madya Bharat Krushak Bharti	26
37	PM Sonkusale, Deveshkumar Giri and RC Ghosh	Jan, 2023	Mavesio me lumpy twacha rog, lakshan, elaj yeom bachao ke upay	Chhattisgarh krushi Waniki	6 (03): 17
38	Deveshkumar Giri, Deepak Kumar Kashyap, PM Sonkusale, RC Ghosh	Feb, 2023	Pashuo me hone wali dast ki bimari va prabadhan	Chhattisgarh krushi Waniki	6 (04): 30
39	Savita Bisen, Sonal Prushti, PM Sonkusale	March, 2023	Kukkut palan me golkrumi samsya- Karan yevm niwaran	Madya Bharat Krushak Bharti,	21
40	Chaitanya S, Sukirti Sharma, PM Sonkusale	June, 2023	Emergence of Fowl Adenovirus associated with tracheitis	Poultry Planner	25 (6): 16-17
41	Chaitanya S., Sukirti Sharma, P.M. Sonkusale and BM Khati	July, 2023	Recent Advance in nanoparticle vaccines in poultry	Poultry Line	23(7) : 51-52
42	Savita Bisen, Sonali Prushti, PM. Sonkusale, Dilip Chaudhary	Oct, 2023	Mitti se prasarit krumi sankraman- karan yevm bachao	Madya Bharat Krushak Bharti,	28
43	Dr. Madhuri Hedau	16 January 2024	Aajarri Shelyache rognidan karanyakarita vividh namune va chachanya	Mahitipustika, MAFSU, Nagpur	-
44	Chaitanya S, Sukirti Sharma, PM Sonkusale, BM Khati	Jan, 2024	Avian metapneumovirus- A threat to Indian chickens.	Poultry Line, 24	(1):.16- 18

8. Research Priorities / Thematic areas: Department of Veterinary Pathology, NVC, Nagpur
 1. Pathology and molecular characterization of pathogens of animals and poultry
 2. Efficacy of green synthesized nanoparticles against various pathogens of animals and poultry