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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)	Durati on

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)	Durati on

3. Research Priorities:

Sr. No.	Research Area	Aim	Objective	Benefits of Farmers



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4. Thesis:

Master:

Name of Department :				
Sr. No.	Name of the Student	Title of Thesis	Year of Completion	Name of the Advisor
1.	Charulu, N.S.,	Species differentiation of the commonly occurring coccidia in domestic fowls of Bombay region with particular reference to their relative pathogenicity	1962	Dr. Rao, S.R.
2.	Patwardhan, W.D.,	Incidence of endoparasitic fauna of rats in Bombay	1962	Dr. Rao, S.R.
3.	Narsapur, V.S.,	The comparative study of the infective larvae of common gastrointestinal bursate nematodes of sheep, goats and cattle	1962	Dr. Rao, S.R.
4.	Patil-Kulkarni, V.G.,	Helminth parasites of cats (<i>Felis domenstica</i>) in Bombay	1962	Dr. Rao, S.R.
5.	Ghafoor, M.A.,	A study	1962	Dr. Rao, S.R.



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		of <i>Haemonchus</i> species in cattle, sheep and goats of Maharashtra state		
6.	Deshpande, K.V.,	Study of ectoparasites of birds	1962	Dr. Rao, S.R.
7.	Reddy, R.K.,	Development of <i>Schistosoma spindale</i> (Montgomery, 1907) in the molluscan host as well as white mice with particular reference to histopathology of various organs	1964	Dr. Rao, S.R.
8.	Deodhar, N.S.,	Bionomics of the free living stages of <i>Mecistocirrus digitatus</i> (Von Linstow, 1906): A commonly occurring Trichostrongyle	1964	Dr. Rao, S.R.
9.	Kulkarni, S.R.,	Incidence of external parasitic infestations of dogs (<i>Canis familiaris</i>) together with observations on pathogenesis produced by the common forms	1964	Dr. Rao, S.R.



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10.	Niphadkar, S.M.,	Further observations on helminthic fauna of rats in Bombay	1964	Dr. Rao, S.R.
11.	Kulkarni, D.N.,	Migratory behaviour and distribution of the larvae of <i>Toxocara</i> (Werner, 1782) in different organs of Albino mice together with some observations of their histopathology	1964	Dr. Rao, S.R.
12.	Shivshankar,	Life history and bionomics of <i>Ctenocephalides felis</i> (Bouche, 1835)	1964	Dr. Rao, S.R.
13.	Shastri, U.V.,	Helminth parasites of domestic pigs (<i>Sus scrofa domestica</i>) in Bombay	1964	Dr. Rao, S.R.
14.	Sarde, M.R.,	Observations on the life history and bionomics of <i>Rhipicephalus sanguineus</i> under different temperatures and humidities	1968	Dr. Rao, S.R.
15.	Huilgol, N.S.,	Some observations on oribatid mites	1968	Dr. Rao, S.R.



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16.	Mhadekar, D.R.,	Development of <i>Ancylostoma caninum</i> (Ercolani, 1859) in laboratory hosts together with some observations on the biology of the free living stages of the parasites	1968	Dr. Niphadkar, S.M.
17.	Deshpande, M.G.,	Helminth parasites of dogs (<i>Canis familiaris</i>) in Bombay 1970	1970	Dr. Niphadkar, S.M.
18	Bhilegaonkar,N.G.,	Observations on gastrointestinal helminths of the domestic buffaloes in Bombay	1970	Dr. Niphadkar, S.M.
19.	Deshpande, M.S.,	Incidence of hydatidosis in animals slaughtered at Bombay abattoirs	1970	Dr. Niphadkar, S.M.
20.	Deshpande, V.S.,	Observation on the life history and bionomics of <i>Hyalomma anatolicum anatolicum</i> (Koch, 1844) under different temperature and humidity	1974	Dr. Deodhar, N.S.



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21.	Deshpande, K.B.,	Observations on the development and viability of different helminthic stages in sewage water in Bombay city	1974	Dr. Deodhar, N.S.
22.	Pardhan, M.H.,	Studies on the life cycle of <i>Trichinella spiralis</i> (Owen, 1835) Railliet, 1895, in rats	1978	Dr. Niphadkar, S.M.
23.	Khasnis, M.W.,	Evaluation of bio-efficiency of trypanocidal drugs in Albino rats	1983	Dr. Niphadkar, S.M.
24.	Raote, Y.V.,	Incidence of parasitic infestations on organized cattle farms in Bombay region	1983	Dr. Narsapur, V.S.
25.	Gatne, M.L.	Studies on immunodiagnosis of hydatidosis in bovines	1987	Dr. Narsapur, V.S.
26.	Tankhiwale, M.,	Studies on epidemiology of coccidiosis of broilers in Bombay region with special reference to <i>Eimeria necatrix</i> (Johnson, 1930)	1987	Dr. Narsapur, V.S.



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27.	Shahardhar, R.A.,	Studies on Ixodid ticks of bovines in Konkan region of Maharashtra state	1988	Dr. Narsapur, V.S.
28.	Shahrooz, M.,	Toxoplasmosis in animals together with some observations on its epidemiology	1988	Dr. Narsapur, V.S.
29.	Kolte, S.W.,	Experimental infection of <i>Toxocara canis</i> (Werner, 1782) with particular reference to immune response	1991	Dr. Narsapur, V.S.
30.	Patil, A.S.,	Studies on gastrointestinal parasites of sheep and goat	1991	Dr. Narsapur, V.S.
31.	Bhopale, S.T., .	Studies on the effects of mixed subclinical parasitic infections on immune response and pathogenicity in poultry	1992	Dr. Narsapur, V.S.
32.	Shinde, M.V.,	Immunodiagnosis of <i>Cysticercus cellulosae</i> in pigs together with observations on its	1992	Dr. Narsapur, V.S



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		incidence		
33.	Pethe, R.S.,	Observations on haematology, immune response and treatment of <i>Trichinella spiralis</i> in experimental animals	1992	Dr. Narsapur, V.S
34.	Chaudhari, P.R.,	Experimental studies on biology pathogenicity and immunogenicity of attenuated strains of <i>Eimeria tenella</i> (Raillet & Lucet, 1891) Pantham, 1909, together with a note on incidence of coccidiosis	1993	Dr. Narsapur, V.S
35.	Deore, M.B.,	Incidence of helminth parasites of poultry in Mumbai	1996	Dr. Deshpande, V.S.
36.	Patil, D.M.,	Behaviour of isolated strain of <i>Eimeria tenella</i> from Mumbai region	1996	Dr. Deshpande, V.S.
37.	Dhande, A.G.,	Epidemiology of gastrointestinal helminths in goats in Konkan	1997	Dr. Deshpande, V.S.



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		(Palghar and Nileli)		
38.	Fernandes, L.,	Survey of parasitic mange infestation in dogs with special reference to demodecosis and its chemotherapy	1998	Dr. Deshpande, V.S.
39.	Pawar, P.D.,	Epidemiological studies of tapeworm parasites in sheep and goats slaughtered at Deonar abattoir (Mumbai)	1999	Dr. Deshpande, V.S.
40.	Totalwar, G. G.	Prevalence of stomach worm infestation in ovine, caprine and bovine slaughtered at Deonar abattoir (Mumbai)	1999	Dr. Deshpande, V.S.
41.	Shetye, Y.J., .	Studies on the prevalence and chemotherapy of blood parasitic infestation in cattle and buffaloes in and around Mumbai	2000	Dr. Deshpande, V.S.
42.	Katyal, D.,	Studies on the prevalence of canine blood parasitic infections with special	2000	Dr. Deshpande, V.S.



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		reference to diagnosis and chemotherapy of <i>Ehrlichia canis</i>		
43.	Sutar, S.,	Studies on the gastrointestinal helminths of captive wild carnivores in Mumbai and Pune region	2001	Dr. Gatne, M.L.
44.	Sawant, S.B.,	Immunodiagnosis of <i>Haemonchus contortus</i> infection in sheep	2002	Dr. Deshpande, V.S.
45.	Chothe, R.R.,	Studies on antigenic profiles of tropical dog tick, <i>Rhipicephalus sanguineus</i>	2001	Dr. Gatne, M.L.
46.	Diniz, E.,	Prevalence and chemotherapy of helminthic infestations of goats (caprine) in Palghar (Maharashtra)	2001	Dr. Deshpande, V.S.
47.	Mallapur, G.,	Studies on ehrlichiosis in dogs of Mumbai	2002	Dr. Deshpande, V.S.



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48.	Ohol, P.Y.,	Studies on the prevalence and life cycle of <i>Oestrus ovis</i> in goats	2002	Dr. Deshpande, V.S.
49.	Gaurat, R.P.,	Studies on the helminthic parasites of domestic pigs (<i>Sus scrofa domestica</i>) in Maharashtra	2002	Dr. Gatne, M.L.
50.	Sawant, S.K.,	Prevalence of coccidiosis in Mumbai region and evaluation of herbal coccidiostats against experimentally induced caecal coccidiosis	2004	Dr. Deshpande, V.S.
51.	Pawar, S. D.	Studies on <i>Hepatozoon canis</i> infection in dogs in Mumbai	2004	Dr. Gatne, M.L.
52.	Shinde, N.G.,	Studies on parasites of pigeon (<i>Columba domestica</i>) in Mumbai with reference to chemotherapy of helminthosis	2005	Dr. Deshpande, V.S.
53.	Nair, G.C.,	Curative efficacy of toltrazuril against commonly occurring	2006	



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		pathogenic species of coccidia in broiler birds		
54.	Doijode, K.V.,	Prevalence of endo and ectoparasites of horse in Mumbai and Pune region	2006	Dr. Deshpande, V.S.
55.	Patil, S.B.,	Studies on helminth parasites of buffaloes (<i>Bubalus bubalis</i>) from Maharashtra slaughtered at Deonar abattoir	2007	Dr. Gatne, M.L.
56.	Birajdar, P.G.,	Epidemiology, clinical pathology and chemotherapy of trypanosomosis in buffaloes (<i>Bubalus bubalis</i>) in Mumbai region	2007	Dr. Gatne, M.L.
57.	Pednekar, R.P.,	Molecular characterization of hydatidosis in food animals of Maharashtra state	2008	Dr. Gatne, M.L.
58.	Ugalmugale, S.S.,	Studies on bovine tropical theileriosis with special reference to immune responses to vaccination	2009	Dr. Gatne, M.L.



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59.	Jadhav, V.T.,	Studies on immunoprophylactic efficacy of concealed gut antigen of <i>Boophilus microplus</i> (Bm95) against ixodid ticks of cattle	2009	Dr. Gatne, M.L.
60.	Parmar, C.B.,	Clinical and diagnostic analysis of canine ehrlichiosis	2010	Dr. Gatne, M.L.
61.	Migri, S.,	Diagnostic evaluation of <i>Trypanosoma evansi</i> infection in buffaloes by conventional and molecular tool	2011	Dr. Bharkad, G. P.
62.	Deshpande R.R.,	Seroprevalence of toxoplasmosis in ruminants slaughtered at Mumbai abattoir	2012	Dr. Jayraw, A.K.
63.	Belsare M.M.,	Canine gastro-intestinal parasitism in Mumbai and its Zoonotic risk assessment.	2012	Dr. Gatne, M.L.
64.	Taqween, N. M.;	Prevalence of GI parasites of Equids in Mumbai and	2012	Dr. Bharkad, G.



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		Pune region of Maharashtra with special reference to Mules (<i>Equus Mulus</i>)		P.
65.	Dhobi, R. R.,	<u>Helminthic infections of Rats in Mumbai and their Zoonotic significance</u>	2013	Dr. Bharkad, G. P.
66.	Lavanya K.V.,	Parasitological, clinical, haematological, biochemical, molecular and epidemiological characterization of <i>Trypanosoma evansi</i> in canines	2013	Dr. Gatne, M.L.
67.	Hingole A.C.,	Prevalence of <i>Cryptosporidium</i> Spp. Infection in Cattle and Buffalo Calves in and Around Mumbai Region	2013	Dr. Gatne, M.L.
68.	Malkar, S. V.,	<u>Survey of gastrointestinal parasites of domestic cats (<i>Felis catus</i>) in Mumbai region</u>	2013	Dr. Gatne, M.L.
69	Lopamudra kher	Canine vector borne	2014	Dr G. P.



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		haemoparasites in Mumbai and diagnostic evaluation of babesiosis using conventional and molecular tools,		Bharkad
70.	VijayKumar, J.,	<u>Studies on Antigenic profile of porcine metacestodes</u>	2014	Dr. Gatne, M.L
71.	Mishra, S.,	Prevalence treatment and economic aspect of Lice infestation in Poultry of Mumbai region	2015	Dr. Pednekar, R. P.
72.	Dadas, S. A.,	<u>Preliminary investigations to assess resistance by bovine ticks against commonly used acaricides in Maharashtra</u>	2015	Dr. Gudewar, J. G.
73.	Sathe, P. P.,	Assessment of Anthelmintic Resistance in Canine Hookworms in Mumbai	2019	Dr. Pednekar, R. P.
74.	Shilvant, M. N.,	<u>Metagenomic profile of pathogens associated with dog tick <i>Rhipicephalus sanguineus</i> from Mumbai</u>	2019	Dr. Bharkad, G.P.



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		<u>region</u>		
75.	Netkar, V. M.,	<u>Gastrointestinal parasitism in goat (<i>Capra hircus</i>) in Mumbai region and its redressal through multidisciplinary approach</u>	2019	Dr. Palampalle, H. Y.
76.	Patil, A.K.,	<u>Gastrointestinal parasitism in goats(<i>Capra hircus</i>) reared in the different Socio-economic strata of tribal area of redressal through multidisciplinary approach</u>	2019	Dr. Palampalle, H.Y.
77.	Sodhi, A.,	Status of Canine demodicosis by using different diagnostic methods and its correlation with endoparasitic infections in Dogs of Mumbai and Thane region of Maharashtra state	2021	Dr. Pednekar, R. P.
78.	Gholve, M. S.,	<u>Status of <i>Toxocara vitulorum</i> infection in</u>	2021	Dr. Kalwaghe, S.



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		<u>Murrah buffalo calves on organised farms of Mumbai region</u>		T.
79.	Mali, T. A.,	<u>Detection of acaricide resistance in dog tick <i>Rhipicephalus sanguineus</i> from Mumbai region</u>	2021	Dr. Bharkad, G. P.
80.	Narvenkar, S.,	Studies of dipteran pests of farm animals of Mumbai region	2022	Dr. Palampalle, H. Y.
81.	Naik, S. S.,	<u>In-Vitro evaluation of bacterial bio-control agents against dog tick, <i>Rhipicephalus sanguineus</i> (Acarina: Ixodidae) in Mumbai Region</u>	2022	Dr. Palampalle, H. Y.
82.	Hajare S.R.,	<u>Prevalence and haemato-biochemical characterization of canine babesiosis in and around Mumbai</u>	2023	Dr. Gudewar, J. G.
83.	Kubade, M.G.,	<u>Prevalence of Visceral schistosomosis in buffaloes slaughtered at Mumbai</u>	2023	Dr. Naringrekar, R. P.



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84.	Dhotare, S.R.,	<u>Status of <i>Sarcocystis</i> spp. Infection in Buffaloes Slaughtered at Mumbai Abattoir with its Economic Assessment</u>	2023	Dr. Palampalle, H. Y.
85.	Patil V.A,	<u>Prevalence of Gastrointestinal Parasites of Cats (<i>Felis catus</i>) in Mumbai region</u>	2024	Dr. Naringrekar, R. P.
86.	Kendre, B.P.,	<u>Prevalence of gastrointestinal helminths in dogs (<i>Canis lupus familiaris</i>) of Mumbai region and its therapeutic management</u>	2024	Dr. Gudewar, J.G.
87.	Chopde, A.E.,	<u>Prevalence of <i>Eimeria</i> spp. in Buffalo calves of Mumbai region and its therapeutic management by using common anticoccidials</u>	2024	Dr. Palampalle, H. Y.



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Doctoral:

Name of Department:				
Sr. No.	Name of the Student	Title of Thesis	Year of Completion	Name of the Advisor
1	Narsapur,V.S.,	<i>Ecological and biological studies on the Oribatid fauna of India (Bombay region) together with some observations on the life cycle of common Anoplocephalid tapeworms</i>	1971	Dr. Rao, S.R.
2	Ghafoor, M.A.,	<i>Studies on amphistome parasites of domesticated animals in Maharashtra state (India)</i>	1972	Dr. Rao, S.R.
3	Niphadkar,S.M.	<i>A study on the helminthic fauna of rats in Bombay with reference to domestic animals and public</i>	1975	Dr. Rao, S.R.



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		health		
4	Gatne, M.L.,	Studies on the antigenic profiles of hydatids in farm animals with particular emphasis on specific immunodiagnosis	2001	Dr. Narsapur, V.S.
5	Palampalle, H.Y.,	Studies on antigenic profiles of <i>Cysticercus cellulosae</i> in pig to develop specific immunodiagnostic test	2012	Dr. Gatne, M.L.
6	Shirale, S. Y.,	<u>Epidemiological diagnostic and chemotherapeutic valuation of Bubaline trypanosomosis in Mumbai region</u>	2019	Dr. Palampalle, H. Y.
7	Bharkad, G.P.,	<u>Assessment of acaricide resistance in Rhipicephalus Microplus of Maharashtra state and Novel non-chemical approaches for</u>	2019	Dr. Palampalle, H. Y.



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		<u>its control</u>		
8	Kalwaghe, S. T.,	<u>Prevalence of Gastrointestinal parasitism in small ruminants of Maharashtra with particular emphasis on assessment of anthelmintic resistance in Haemonchus contortus infection</u>	2020	Dr. Palampalle, H. Y.



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5. Research Papers Published:

List of Research Publications:

Sr. No.	Authors	Year	Title of the Research Paper	Name of the Journal	Volume; Page Nos.	NAAS Rating, if any
1.	Rao, S.R	19 32	On the internal anatomy of the first stage larva of <i>Monophilus quadricandatus</i> .	Proc. of 26 th Indian Sci. Congress, Zoology Abstracts.		
2.	Rao, S.R.	19 33	The external characters of the immature and mature stage	Proc. of 26 th Indian Sci. Congress, Zoology Abstracts.		



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			of <i>Monophilus quadricandatus</i> with special reference to the cercaria cestode.			
3.	Rao, S.R..	19 38	On the life history and biology of <i>Monophilus quadricandatus</i> .	Proc. of Indian Sci. Congress, Zoology Abstracts		
4.	Rao, S.R..	19 39	On the occurrence of <i>Monophilus quadricandatus</i> green (N. India). Proc. of 26 th Indian Sci. Congress, Zoology Abstracts	Proc. of 26 th Indian Sci. Congress, Zoology Abstracts		
5.	Rao, S.R.	19	Differentiation of	Proc. of 27 th Indian		



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		40	sex in the first larva of <i>Droschiella quadricandatus</i> .	Sci. Congress, Zoology Abstracts.		
6.	Rao, S.R.	19 41	On the post larval development of the female of <i>Droschiella quadricandatus</i> .	Proc. of 26 th Indian Sci. Congress, Zoology Abstracts.		
7.	Rao, S.R.	19 42	Development of the ovaries of the female <i>Droschiella quadricandatus</i> in the special reference to the genesis of the egg and its membrane.	Proc. of 27 th Indian Sci. Congress, Zoology Abstracts		
8.	Rao, S.R.	19	On the origin and	. Proc. of 27 th Indian		



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		42	development of the symbiotic organ or mysestom in the female of <i>Droschiella quadricandatus</i>	Sci. Congress, Zoology Abstracts.		
9.	Rao, S.R.	19 42	Life history and bionomics of <i>Pseudococcus saccaricola takh</i> (Homop- coccidae), a new pest of sugarcane.	Proc. of Indian Sci. Congress, Vol. XVI, p. 79-85.		
10.	Rao, S.R. (1943).		On a comparison of life history of <i>Droschiella stelbenque</i> with that of <i>Droschiella</i>	Proc. of 30 th Indian Sci. Congress, Zoology & Entomology	32, pp. 73.	



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			quadricandatus with a note on the distribution of the monophlebus of the Indian region.	Abstracts.		
11.	Rao, S.R.	19 43	A preliminary list of coccidia found on sugarcane in India	Proc. of 30 th Indian Sci. Congress, Zoology & Ent. Abstracts	53, pp.73 .	
12.	Rao, S.R.	19 43	Preliminary observation on the bionomics of Hunterallus hookeri . (Hymano ptera) an insect parasite of ticks together with a note on its	Proc. of 30 th Indian Sci. Congress, Med. & Vet. Sci. Abst.	15, pp. 97	



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			distribution.			
13.	Rao, S.R.	19 43	A note on the discovery of spleaus males in the pank mealy bug of sugarcane Tryinya Sacchar Lakhi.	Proc. of 30 th Indian Sci. Congress, Med. & Vet. Sci. Abst.	15, pp. 97	
14.	Rao, S.R.	19 46	On the validity of Ixodiphagus mysorensis achalicoid parasite of ticks.	Proc. of Indian Sci. Congress, Med. & Vety Sci. abstracts	48, pp.15 5.	
15.	Rao, S.R.	19 49	Acute dysenteric conditions due to Schistosoma infection in cattle in India.	Indian Sci. Congress, Allahabad		



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16.	Rao, S.R. (1949).	19 49	A short note on <i>Musca viscina</i> as a possible vector of <i>Thelazia rhodes</i> <i>ii.</i>	Indian Vet. J.,	25(6) :359 - 401.	4.99
17.	Rao, S.R.	19 49	Tick transmitted diseases and their methods of prevention	B.V.C. Mag.,	1: 33- 36.	2.8
18.	Rao, S.R.	19 49	Observations on the bionomics of <i>Hunterellus</i> <i>hookeri</i> (Hon.) on insect parasite of tick together with a note on its distribution.	B.V.C. Mag.,	pp. 11- 15	2.8



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19.	Rao, S.R.	19 51	Rhinosporidiosis in equines in Bombay state.	B.V.C. Mag.,	Vol. 2.	2.8
20.	Rao, S.R.	19 51	Organisation of the helminthological research in India.	Proc. of 9 th A.H. meeting of I.C.A.R.		
21.	Rao, S.R.	19 52	Schistosomiasis in dogs in Bombay state.	B.V.C. Mag.,	3: 32- 34	2.8
22.	Rao, S.R.	19 52	E. smitthi as a cause of red dysentery in cattle in Bombay state.	B.V.C. Mag.,	3: 35- 36	2.8
23.	Rao, S.R. and Hiregaudar, L.S.	19 52	Coccidiosis in cats and dogs in Bombay.	Indian Vet. J.,	24 (2): 109-	4.99



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					112.	
24.	Rao, S.R. and Hiregaudar, L.S.	19 53	Schistosomiasis in elephants in Bombay state	Proc. of Indian Sci. Congress Lucknow, Med. & Vet. Sci. Abst.		
25.	Rao, S.R.	19 53	Paludmas obass as a possible vector of human schistosomiasis in India.	Proc. of Indian Sci. Congress Lucknow, Med. & Vet. Sci. Abst.		
26.	Rao, S.R. and Hiregaudar, L.S.	19 54	Coccidiosis in sheep and goats in Bombay state.	Proc. of Indian Sci. Congress.		
27.	Rao, S.R., Hiregaudar, L.S. and Barve	19 54	A short note on amoebic dysentery in lioness in Bombay.	Proc. of Indian Sci. Congress.		



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28.	Rao, S.R. and Kalapasi, R.M.	19 54	Trichinella spiralis infection in cats.	Proc. of Indian Sci. Congress.		
29.	Rao, S.R. and Kalapasi, R.M.	19 54	An unusual record of a nematode in an avian kidney.	Cur. Sci.,	23: 1100 .	7.00
30.	Rao, S.R. and Hiregaudar, L.S.	19 54	Coccidial fauna of cattle in Bombay state with particular reference to a recent outbreak at Aarey milk colony with two sp. E. Bombay & E. khurodensis.	B.V.C. Mag.	5: 24- 28.	2.8
31.	Rao, S.R.	19	Ascariasis in calves	Proc. of A.H. Wing meeting,		



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		54		Ranchi.		
32.	Rao, S.R. and Bhatwadekar, M.Y.	19 55	Further observations on the species of coccidia affecting dogs and cats.	Proc. of Indian Sci. Cong		
33.	Rao, S.R. and Hiregaudar, L.S.	19 55	A note on a little known form of Taenia.	Cur. Sci		7.00
34.	Rao, S.R. and Hiregaudar, L.S.	19 55	A new species of Trombiculid mite from rat snake in Bombay.	Indian J. Ent., Vol. 17.		5.59
35.	Rao, S.R. and Hiregaudar, L.S.	19 55	A note on syringophillus bipectinatus, a quill mite of domestic	Indian Vet. J.		4.99



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			fowl in India.			
36.	Rao, S.R.	19 56	Coccidia and coccidiosis in bovines in India.	8 th Meeting of P.D. officers and Vet Research workers, I.V.R.I., Izatnagar		
37.	Rao, S.R. and Bhatwadekar, M.Y.	19 56	Morphology and development of Coenurus gaigeri Hall in an ewe with particular reference to the taxonomy of the genus Multiceps.	B.V.C. Mag.	6: 12- 16.1	2.8
38.	Rao, S.R. and Bhatwadekar, M.Y.	19 57	E. rayii sp., Nov. a new coccidium from dogs	B.V.C. Mag.	Vol. 6.	2.8



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			belonging to the genus Eimeria.			
39.	Rao, S.R. and Bhatwadekar, M.Y	19 57	Further observation on the species of coccidia affecting dogs and cats with particular reference to a new coccidium belonging to the genus Eimeria.	B.V.C. Mag.		2.8
40.	Rao, S.R. and Bhatwadekar, M.Y.	19 58	Oesophagostomum bhandari, a new species of Oesophagostomum from a goat in Vidarbha region.	B.V.C. Mag.	7: 6-8.	2.8



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41.	Rao, S.R. and Bhatwadekar, M.Y	19 58	On record of occurrence of T. actinoides, the fringed tapeworm of ruminants in India.	B.V.C. Mag.	Vol. 7	2.8
42.	Hiregaudar, L.S. (1959).	19 59	The study of Sclerostomes of equines from Cambridge.	B.V.C. Mag.	Vol. 8.	2.8
43.	Hiregaudar, L.S. and Rao, S.R.	19 59	Record of <i>Haemonchus</i> <i>placei</i> in goat in India.	Indian Zoological Cong., Jabalpur.		
44.	Rao, S.R. and Hiregaudar, L.S.	19 59	On some internal parasites of reptiles	Indian Zoological Cong.,		



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			in Bombay.	Jabalpur		
45.	Rao, S.R. and Bhatwadekar, M.Y.	19 60	Some records of coccidia of cattle in Bombay with a description of two new species.	B.V.C. Mag. Vol. 8.	2.8	
46.	Rao, S.R. and Hiregaudar, L.S.	19 60	Record of Amblyomma mudaliari of cattle with a key to the genus Amblyomma.	Indian Sci. Cong., Bombay.	2.8	
47.	Rao, S.R. and Hiregaudar, L.S.	19 60	Ticks as vectors of filarial infections.			
48.	Rao S.R. and Patil-kulkarni, V.G.	19 63	Helminth parasites of cats (<i>Felis domestica</i>) in	B.V.C. Mag.	2.8	



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			Bombay.			
49.	Rao, S.R. and Niphadkar, S.M.	19 64	Echinostoma rehmani, n. sp. a new parasite of dog in India.	B.V.C. Mag.	10:1 1.	2.8
50.	Rao,S.R., Hiregaudar, L.S. and Alwar, V.S.	19 64	On a new species of Lupoptena - L. indicum (Dupipara Hippoboscidae) from a barking deer (Montiacus muntjaczimm).			
51.	Rao, S.R., Hiregaudar, L.S. and Alwar, V.S.	19 64	Ticks of the genus Amblyomma occurring in India together with a description	Indian Vet. J.,	41(2)	4.99



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			of a new species- A. mudaliari N. sp.			
52.	Rao, S.R. and Niphadkar, S.M.	19 64	A new nematode Sakarri hukeri gen. et. sp. Nov. from sheep in India.	Indian Sci. Cong.		
53.	Rao, S.R., Reddy, R.K., Ghafoor, M.A. and Niphadkar, S.M.	19 64	On the occurrence of Onchocerca armillata in white cattle in Maharashtra state.	B.V.C. Mag.	11:7 1.	2.8
54.	Deodhar, N.S.	19 65	Effects of dessication on the eggs and larvae of M. digitatus.	Indian Vet. J., (12)	42 (12)	4.99
55.	Deodhar, N.S.,	19	Incidence	B.V.C. Mag.,	12	2.8



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	Purohit, B.L. and Sardeshpande, P.D.	65	of Tetrameres in poultry in Maharashtra state.			
56.	Rao, S.R., Patil- kulkarni, V.G., Ghafoor, M.A. and Niphadkar, S.M.	19 65	A note on the occurrence of Globidia in sheep in Maharashtra state.	B.V.C. Mag.,	Vol. 13.	2.8
57.	Deodhar, N.S.	19 66	Effects of temperature on the eggs of larvae of <i>M. digitatus</i> .	Indian Vet. J.,	43(3)	4.99
58.	Deodhar, N.S.	19 66	Studies on the migratory habits of the infective larvae of <i>M. digitatus</i> .	Indian Vet. J.,	43(6)	4.99



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59.	Deodhar, N.S.	19 66	Seasonal dynamics in the incidence of <i>M. digitatus</i> .	Indian Vet. J., 43(8)	4.99
60.	Ghafoor, M.A., Narsapur, V.S. and Patil- kulkarni, V.G.	19 66	A preliminary report on the gross economics of phenoxis treatment against ovine parasitic gastroenteritis in Maharashtra state.	B.V.C. Mag., Vol. 14.	2.8
61.	Hiregaudar, L.S. and Rao, S.R.	19 66	Further observations on the occurrence and distribution of <i>Eimeria bukidnonesis</i>	Indian Vet. J., 43 (9): 782- 85	4.99



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			<p><i>tubangui</i> (1931) in India with remarks on its synonymy with <i>Eimeria</i>. <i>khurodensis</i> (1954).</p> <p>.</p>			
62.	Niphadkar, S.M. and Rao, S.R.	19 67	<p>Natural occurrence of <i>Schistosoma spindale</i> in <i>Bandicota gegalensis</i> in <i>Bombay</i> together with a note on their possible role in the dissemination of <i>Schistosoma spindale</i> in domestic</p>	Indian Vet. J.	44 (7).	4.99



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			ruminants.			
63.	Niphadkar, S.M. and Rao, S.R.	19 66	Further observations on the helminthic fauna of rats in Bombay	Indian Vet. J., 43 (9): 844- 45	4.99	
64.	Deodhar, N.S., Patil-kulkarni, V.G. and Karyakarte, P.P.	19 67	On the occurrence of a new species of genus Artyfechinost omum in a dog in Bombay.	Indian J. Helminthol. 14(2) .		
65.	Deodhar, N.S. and Sardeshpande, P.D.	19 67	Capillaria infection in a guinea fowl.	B.V.C. Mag., Vol. 14.	2.8	
66.	Niphadkar, S.M. and Rao, S.R.	19 67	An unusual outbreak of caecal coccidiosis in chicks	B.V.C. Mag., Vol. 14.	2.8	



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			in Bombay			
67.	Patil-kulkarni, V.G., Narsapur, V.S. and Ghafoor, M.A.	19 67	Successful treatment of psoroptic mange in horses with malathion emulsion	Indian Vet. J.,	44 (1): 65- 67.	4.99
68.	Rao, S.R., Ghafoor, M.A. and Narspaur, V.S.	19 67	Cnemidocoptes pilae, a causative agent of scaly leg in budgerigar in India together with the description of the larval forms.	Indian Vet. J.,	44 (3): 206- 208.	4.99
69.	Rao, S.R. and Narspaur, V.S.	19 67	Crow (<i>Corous splendicus</i>), a new host record of the tropical fowl	Proc. Indian Sci. Cong. Assn. 54 th Session		



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			mite <i>Ornithonyssus bursa</i> .			
70.	Deodhar, N.S. and Narsapur, V.S.	19 68	Pneumonitis cysticercosa a new disease condition of goats caused by migrating <i>Cysticercus tenuicollis</i> in lungs	Indian Vet. J.,	45 (3): 202- 204.	4.99
71.	Deodhar, N.S. and Narsapur, V.S.	19 68	A letter on the collection of nematodes and trematodes from a pelican from the Bombay zoo	Indian Vet. J.,	45 (4)	4.99
72.	Deodhar, N.S. and Narsapur, V.S.		(1968). On the collection of three			



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			rare specimens of trematodes from pelicans. Indian Vet. J., 45 (4).			
73.	Deodhar, N.S., Narsapur, V.S. and Ajinkya, S.M.		(1968). A survey on the incidence of <i>Trichinella</i> and <i>Sarcosporidium</i> in pigs in Bombay. B.V.C. Mag., 15: 38-40.			
74.	Dabholkar, R.D., Ghafoor, M.A. and Narsapur, V.S.	19 68	On the occurrence of <i>Cysticercus</i> in the heart muscle of sheep, probably <i>Cysticercus ovis</i>	Indian Vet. J.,	Vol. 45	4.99



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75.	Narsapur, V.S., Ghafoor, M.A. and Niphadkar, S.M.	19 68	A report on the trial of phenothiazine H. 980/Casella in sheep.	Indian Vet. J.,	45 (2): 1010	4.99
76.	Niphadkar, S.M. and Madhekar, D.	19 68	Occurrence of trematodes of genus <i>Stictodora</i> in dogs	Indian Vet. J.,	45 (10): 880.	4.99
77.	Rao, S.R. and Niphadkar, S.M.	19 68	The first record of <i>Neoascaris</i> <i>mackerrasae</i> (Spre nt 1957) in rats in India.	Proc. Indian Sci. Cong. Assn. Part-III.		
78.	Niphadkar, S.M. and Rao, S.R.	19 69	Clinical trials of Veronex (Piperazine	Indian Vet. J.,	Vol. 45.	4.99



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			hexahydrate) on the gastrointestinal helminths of sheep.			
79.	Rao, S.R., Ghafoor, M.A. and Narsapur, V.S.	19 68	Observations on the species of Haemonchus occ urring in cattle of Maharashtra state.	B.V.C. Mag.,	15: 8 - 11.	2.8
80.	Rao, S.R. and Narsapur, V.S.	19 68	A preliminary report on the collection of <i>Pellonyssus</i> sp. from the sparrow nest.	Proc. Indian Sci. Cong. Assn. 55 th session.		
81.	Rao, S.R., Narsapur, V.S. and Ghafo or, M.A	19 68	A record of <i>Olveria indica</i> in Maharashtra state.	N.V.C. Mag.,	4:71 -74.	



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82.	Deodhar, N.S. and Sardeshpande, P.D.	19 69	Paragonimiasis in domestic cat.	Indian Vet. J.,	46 (7).	4.99
83.	Deodhar, N.S. and Sardeshpande, P.D.	19 69	Clinicopathological study of <i>Babesia</i> <i>gibsoni</i> in dog.	B.V.C. Mag.	Vol. 16.	2.8
84.	Niphadkar, S.M., Narsapur, V.S. and Murkibhavi, G.R.	19 69	Acute amoebic dysentery in a dog - a case report.	B.V.C. Mag.,	16:2 4- 26.	2.8
85.	Niphadkar, S.M. (1969).		Efficacy of Vermax (Piperazine hexahydrate) on <i>Ascaridia</i> <i>galli</i> in Deshi fowls.	B.V.C. Mag.,	16: 32.	2.8
86.	Niphadkar, S.M. and Rao, S.R.	19 69	On the occurrence of <i>Railletina</i> (R.) <i>celensis</i> (Janicki,	Indian Vet. J.,	46 (49):	4.99



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			1962) in rats in Bombay with special reference to its zoonotic importance.		816.	
87.	Ghafoor, M.A., Jagdish, S. and Narsapur, V.S	19 70	A note on demodectic mange and its treatment in cattle	Feed Farming Agriculture,	3(6): 1-2.	
88.	Niphadkar, S.M.	19 70	Incidence and histopathology of Gongylonema neoplasticum in cats.	Indian Sci. Cong., Khadakpur		
89.	Niphadkar, S.M.	19 70	Preliminary report on the use of tetramisole as an anthelmintic in	Indian Poultry Gazette,	54(3) : 85- 87.	



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			poultry.			
90.	Niphadkar, S.M. and Narsapur, V.S.	19 70	Field trials of Banminth (Pfizer) on gastrointestinal nematodes of imported Jersey cattle	Indian Vet. J., 47(7) : 566- 570.	4.99	
91.	Narsapur, V.S. and Rao, S.R.	19 70	Comparative study of the infective larvae of common gastrointestinal bursate nematodes of cattle, sheep and goats.	Proc. Indian Sci. Cong. Assn., 57 th session.		
92.	Bhave, V.S., Kulkarni, M.H. and Niphadkar, S.M.	19 71	Preliminary trials with Cruminil against intestinal nematodes of	B.V.C. Mag.	17:1 8.	2.8



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			cattle and buffalo calves.			
93.	Narsapur, V.S.	19 73	Common parasitic diseases of laboratory and farm animals.	Workshop on Lab Animals, 7 th – 17 th May, 1973.		
94.	Niphadkar, S.M.	19 73	Trichinella spiralis (Owen, 1835) in Bandicota bengalensis (Gray) in Bombay	Current Sci.,	42(4) : 135- 136	
95.	Narsapur, V.S.	19 74	A note on the vectors of Avitellina lahorea (Woodland, 1927) in India.	Indian Vet. J.	51: 54- 56.	4.99
96.	Narsapur, V.S.	19	Ecological and	Indian Vet. J.,	51:	4.99



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		74	biological studies on the Oribatid fauna of India (Bombay region) together with observations on the life cycle of common Anoplocephalid tapeworms.		165-166.	
97.	Narsapur, V.S.	19 74	Fascinating history of an epoch making discovery.	B.V.C. Mag	Vol. 19.	2.8
98.	Bhilegaonkar, N.G. and Niphadkar, S.M.	19 75	Some observations on incidence of <i>Neoascaris vitulorum</i> (Travass os, 1927) at Bombay,	Vet.,	1(2): 29-31.	



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			Maharashtra			
99.	Narsapur, V.S.	19 75	A note on the Indian species of Scheloribates.	Indian J. Ent.,	37(1) . .	5.59
100.	Sardeshpande, P.D., Narsapur, V.S. and Jalnapurkar, B.V.	19 75	A note on pulmonary ascariasis in poultry.	B.V.C. Mag.,	Vol. 20.	2.8
101.	Deodhar, N.S., Niphadkar, S.M., Narsapur, V.S. and Deshpande, V.S.	19 76	Incidence of internal parasites in pet dogs of Bombay.	B.V.C. Mag.,	Vol. 21.1	2.8
102.	Narsapur, V.S.	19 76	Observations on the biology of sheep tapeworm, Moniezia a	Indian J. Anim. Sci.,	46(2) : 603- 609	6.20



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			<i>expansa</i> (Rudolphi, 1810) in India..			
103.	Narsapur, V.S.	19 76	Laboratory infections of Schleroribates sp . (Oribatid mites) with Moniezia expansa and M. benedeni	J. Helminthol.	(50): 153 - 156.	7.3
104.	Narsapur, V.S.	19 76	Intermediate hosts and larval development of Moniezia benedini in India.	J. Parasitol.,	62:7 20.	7.0
105.	Niphadkar, S.M.	19 76	On the occurrence of a new species of the	Presented in the First National Convention of	48, pp. 42 -	



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			genus <i>Plagiorchis</i> Luhe 1899 in <i>Bandicota</i> <i>bengalensis</i> (Gray) in Bombay.	Indian Helminthologis ts, Abst.	43.1	
106.	Narsapur, V.S.	19 77	Strategic anthelmintic treatment for the control of monieziasis in sheep, goats and cattle.	Indian Vet. J. 54: 856- 858.	4.99	
107.	Niphadkar, S.M	19 77	On <i>Capillaria</i> <i>bandicoti</i> n. sp. in <i>Bandicota</i> <i>bengalensis</i> (Gray) in . Bombay.	First National Convention of Indian Helminthologis ts, Bhubaneshwar , Abst.	47, pp. 41- 42	



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108.	Niphadkar, S.M.	19 77	Ecological study of helminths of three species of rats in Bombay in relation to veterinary and public health incidence..	Proc. of First National Cong. of Parasitol., Baroda. Abst.	A71 p. 45	
109.	Niphadkar, S.M.	19 77	Fascinating history of <i>Trichinella spiralis</i> .	B.V.C. Mag.	22: 22.	2.8
110.	Niphadkar, S.M.	19 77	Epidemiology and rediscovery of <i>Trichinella spiralis</i> (Owen, 1835) in Bombay.	Proc. of 2 nd National Seminar on Zoonosis in India and their control. Abst.	8.10, p. 50	
111.	Niphadkar, S.M.	19	Epidemiological transmission	Proc. of 2 nd National	8.11:	



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		77	of <i>Trichinella spiralis</i> isolated from bandicoots in Bombay.	Seminar on Zoonosis in India and their control. Abst.	50.	
112.	Narsapur, V.S.	19 78	Effects of temperature and feed on the rate of oviposition and mortality of <i>Schleroribates laevigatus</i> (Koch, 1836) (Acarina: Oribtei).	Asian Cong. Parasitol., Part III-	55 p. 174.	
113.	Narsapur, V.S.	19 79	Comparative morphology developmental stages of Indian isotype of	Proc. of All India Symposium of Acarology.		



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			<i>laevigatus</i> (Koch, 1836) of Schleroribates (Acarina: Oribatei).			
114.	Narsapur, V.S.	19 79	First report on the development of Moniezia <i>expansa</i> in juvenile stages of Oribatid mites	. Folia Parasitologica (Praha),	pp. 205- 210.	6.49
115.	Narsapur, V.S. and Prokopic, J.	19 79	The influence of temperature on the development of Moniezia <i>expansa</i> (Rudolphi, 1810) in Oribatid mites.	Folia Parasitologica (Praha),	pp. 239- 2431	6.49
116.	Niphadkar, S.M.,	19	Infection	Indian J.	Vol.	



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	Narsapur, V.S., Deshpande, V.S. and Jalnapurkar, B.V.	80	of <i>Metastrongylus</i> <i>pudentotectus</i> in piglets in Maharashtra state..	Parasitol.	3, p. 104	
117.	Narsapur, V.S., Niphadkar, S.M., Deshpande, V.S. and Sabnis, A.M.	19 83	Laboratory trials of <i>coumaphos</i> on <i>Rhipicephalus</i> <i>sanguineus</i> .	Pestology.	7(6): 20- 23.	
118.	Prokopic, J. and Narsapur, V.S.	19 81	Experimental study on the life cycle of <i>Moniezia</i> <i>benedeni</i> .	Folia Parasitologica (Praha)	28, 54.	6.49
119.	Niphadkar, S.M., Narsapur, V.S. and Deshpande, V.S.	19 82	Note on the autopsy and causes of death in a panther.	J. Bombay Nat. Hist. Soc.	79(3) :661.	
120.	Narsapur, V.S.	19	Studies on biology	Indian J.	8:	



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		83	of Scheloribates laevigatus (Acari: Oribatei) in India.	Acar.,	44- 48.	
121.	Niphadkar, S.M., Narsapur, V.S. and Deshpande, V.S.	19 84	A survey of helminths of dogs and cats in relation to zoonosis..	Abst. IV National Seminar on Zoonosis,	p. 18:5 4	
122.	Deshpande, M.S., Niphadkar, S.M. and Narsapur, V.S.	19 84	Incidence of hydatidosis in animals slaughtered at Bombay abattoirs.	Abst. IV National Seminar on Zoonosis & control,	p. 5:42	
123.	Narsapur, V.S. and Niphadkar, S.M.	19 85	A report on field trials of Panacur (Hoecst) in cattle.	Dairy Guide,	p. 33.	
124.	Raote, Y.V., Narsapur, V.S. and Niphadkar,	19 85	Incidence of coccidia on cattle farms around	Proc. VI Nat. Cong. of Parasitol.		



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	S.M.		Bombay.			
125.	Niphadkar, S.M., Narsapur, V.S., Deshpande, V.S., Nehete, R.S. and Ranade, V.V.	19 86	. Field trials of albendazole against gastrointestinal nematodes of sheep.	Indian Vet. J.,	63: 675- 677. 1	4.99
126.	Narsapur, V.S.	19 88	(1988). Pathogenesis and biology of Anoplocephalid cestodes of domestic animals (A review article).	Annals de Recherches Veterinaires	19:1 - 17.	
127.	Raote, Y.V., Narsapur, V.S., Niphadkar, S.M. and Deshpande, V.S.	19 89	A record of <i>Haematopinus</i> <i>quadripertitus</i> Fah renhotz 1916	Indian Vet. J.,	66: 17- 21.	4.99



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			(Anoplura: Haematopinidae) in India with a note on its incidence.			
128.	Gatne, M.L., Narsapur, V.S., Niphadkar, S.M. and Deshpande, V.S.	19 89	Incidence of hydatidosis in cattle slaughtered at Bombay abattoir.	J. Maharashtra Agril. Univ.	14(3) :390.	
129.	Niphadakar, S.M., Narsapur, V.S., Deshpande, V.S. and Nehete, R.S.	19 89	Parasitic infection of zoo animals in Bombay.	J. Bombay Vet. Coll.,	1: 37- 40.	
130.	Raote, Y.V., Narsapur, V.S. and Niphadkar, S.M.	19 89	Studies on coccidial infection in bovines in Bombay region.	J. Bombay Vet. Coll.,	1: 49- 53.	



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131.	Niphadkar, S.M., Narsapur, V.S., Gatne, M.L. and Jalnapurkar, B.V.	19 89	(A record of new species of <i>Goloncus</i> from <i>Panthera</i> <i>pardus</i> together with a note on its pathology.	Indian J. Parasitol.,	13(2) : 341- 345.	
132.	Gatne, M.L., Narsapur, V.S., Deshpande, V.S. and Niphadkar, S.M.,	19 90	Protein content and electrophoretic patterns of hydatid fluid.	Indian Vet. J.,	67(2) : 169- 170.	4.99
133.	Patil, A.S. Gatne, M.L. and Narsapur, V.S.	19 90	Comparative observations on coccidian of sheep and goats.	J. Bombay Vet. Coll.,	2(2): 125- 126.	
134.	Tankiwale, M.P., Gatne, M.L., Narsapur, V.S.,	19 90	Studies on the strain	J. Bombay Vet. Coll.	2(2): 127-	



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	Niphadkar, S.M.		of Eimeria occurring in Bombay region.		130.	
135.	Raote, Y.V., Narsapur, V.S. and Niphadkar, S.M.	19 90	Studies on incidence of tick infestation on organized cattle farm in Bombay region	Proc. I Asian Cong. Vet. Parasitol.		
136.	Shahardar, R.A., Niphadkar, S.M., Narsapur, V.S. and Gatne, M.L.	19 91	Ixodid ticks of cattle and buffaloes in costal districts of Maharashtra state	Proc. IV Natl. Cong. Vet. Parasitol., Abst.	No. 44.	
137.	Kolte, S.W., Narsapur, V.S., Gatne, M.L. and Niphadkar, S.M.	19 91	Observations on leucocyte and antibody responses in	Proc. IV Natl. Cong. Vet. Parasitol., Abst.	No. 56.	



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			experimental Toxocara canis infection. .			
138.	Raote, Y.V., Narsapur, V.S. and Niphadkar, S.M.	19 91	Incidence of helminth infections in bovines in organized cattle farms around Bombay.	Proc. IV Natl. Cong. Vet. Parasitol., Abst.	No. 37.	
139.	Gatne, M.L., Narsapur, V.S. and Niphadkar, S.M.	19 91	Evaluation of double diffusion and scolex precipitation tests for diagnosis of hydatidosis in cattle	. J. Comp. Microbiol. Immuno. Infect. Dis.	12(1 &2): 62- 64.	
140.	Gatne, M.L., Narsapur,	19	Treatment of	Indian J. Vet. Med.,	2:62.	4.99



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	V.S.and Niphadkar, S.M.	92	follicular mange and tick infestations in dog.			
141.	Gatne, M.L., Narsapur, V.S.and Niphadkar, S.M.,	19 92	Record of <i>Eimeria</i> <i>leuckarti</i> (FLESCH, 1881) REICHNOW, 1940- in a horse in Bombay.	Indian Vet. J.,	69(2) :169.	4.99
142.	Gatne, M.L. and Narsapur, V.S.	19 92	Hepatic hydatidosis in cattle.	Pashudhan,	7(4): 1.	
143.	Gatne, M.L., Narsapur, V.S., Deole, A.K. and Choudhari, P.R	19 93	<i>In-vitro</i> trials on effect of Butox (Deltamethrin) on the stages of <i>Rhipicephalus</i> <i>sanguineus</i>	Blue Cross Book,	1:37 -40	
144.	Narsapur, V.S. and Gatne, M.L.	19	Fascioliasis in India.	The Blue Cross Book,	1:3-	



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		93			6.	
145.	Shinde, M.V., Gatne, M.L. and Narsapur, V.S.	19 93	Evaluation of IHA test for serodiagnosis of porcine cysticercosis.	Proc. V Natl. Cong. Vet. Parasitol., Abst. No.		
146.	Shinde, M.V., Gatne, M.L. and Narsapur, V.S.	19 93	Antigenic characterization of <i>Cysticercus</i> <i>cellulosae</i>	Proc. V Natl. Cong. Vet. Parasitol., Abst. No		
147.	Narsapur, V.S., Gatne, M.L. and Mulbagal, A.N.	19 93	A record of <i>Ehrlichia bovis</i> in India with observations on haematological changes.	Buffalo J.,	2:17 3- 176.	
148.	Kolte, S.W.,	19	Studies on immune	J. Ani. Sci.	10:	



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	Narsapur,V.S., Gatne, M.L. and Niphadkar, S.M.	95	responses in experimentally induced visceral larva migrans. Int.		261- 65.	
149.	Chaudhari, P.R., Deore, M.D., Gatne, M.L., Deshpande, V.S. and Narsapur, V.S.	19 95	Antibody response in experimental <i>Eime</i> <i>ria tenella</i> infection in birds.	Indian J. Ani. Sci.	65(2) : 1309 -10	6.2
150.	Shahardar. R.A., Niphadkar, S.M., Narsapur, V.S. and Gatne, M.L.	19 98	Ixodid ticks of cattle and buffaloes in costal districts of (Kokan region) of Maharashtra state.	Indian Vet. J.	75: 503- 506.	4.99
151.	Bhople, S.T., Deore, M.D., Gatne, M.L., Despande, V.S.	19 99	Immunosuppression in birds experimentally	J. Bombay Vet. Coll.	7: 1&2.	



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	and Narsapur, V.S.		infected with single and mixed parasitic infections			
152.	Sutar, A.N. and Gatne, M.L.	20 02	Incidence of gastrointestinal helminthic parasites of captive wild carnivores in Mumbai and Pune region.	J. Bombay Vet. Coll.	10 (1&2): 32- 34.	
153.	Pawar, S.D., Gatne, M.L. and Bakre D.G.	20 03	Gross and histopathological lesions in canine hepatozoonosis	J. Bombay Vet. Coll.	11(1 &2): 59.	
154.	Narsapur, V.S. & Gatne. M.L.	20 04	Parasitic Zoonosis	Textbook of ' Elements of Veterinary Public Health'	pp 420- 47.	



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				, ICAR publication		
155.	Gatne, M.L.	20 04	Gastrointestinal helminthosis in ruminants and its chemotherapy-	Part I. QSN I(1): 3.		
156.	Gatne, M.L	20 04	Gastrointestinal helminthosis in ruminants and its chemotherapy-	Part II. QSN I(2): 3.		
157.	Gaurat, R.P. and Gatne, M.L.	20 05	Prevalence of helminthic parasites in domestic pigs (<i>Sus scrofa domestica</i>) in Mumbai – An abattoir survey	J. Bombay Vet. Coll.	13(1 &2): 100- 02	



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158.	Pawar, S.D.and Gatne, M.L.	20 05	Some haematological and biochemical profiles in canine hepatozoonosis	J. Vet. Parasitol.	19(2) : 171- 172.	
159.	Pawar, S.D. & Gatne, M.L.	20 05	Prevalence of canine hepatozoonosis in Mumbai.	Indian Vet. J.	82: 554- 55.	4.99
160.	Gatne, M.L., Gaurat, R.P., Pednekar, R.P., Patil, S.B., Savant, S.K. and Ugalmugle, S.S.	20 08	Infestation of <i>Opisthorchis</i> <i>tenuicollis</i> in a pig - An abattoir report.	J. Vet. Parasitol.	22(1) : 69- 70.	5.0
161.	Shinde, N.G., Gatne, M.L. and Singh, A.	20 08	Prevalence of parasites in pigeons (<i>Columba livia</i>	J. Vet. Parasitol.	22(1) : 65- 66.	5.0



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			domestica) of Mumbai			
162.	Gatne, M.L., Jadhav, V.T. and Datta, A.K.	20 08	Efficacy of Bayticol 6% EC against Hematopinus nus Sp. and Boophilus microplus infestations in cattles.	The Vets Communications	3: 42- 44.	
163.	Pawar, P.S., Vedpathak, H.S., Birajdar, P.G., Vinerkar, D.J., Raul, V.P. and Gatne, M.L.	20 08	Occurrence of Atractis granulosus in an Indian Star tortoise (Geochelone elegans) – A case Report.	J. Bombay Vet. Coll.	16(1) : 69- 70.	



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164.	Gatne, M.L.	20 08	Impact of parasitic infestations on Laboratory animal experiments. Tropacon 2	. Lead Paper presented at the congress organized by AIIMS, Delhi during 30 th Oct to 2 nd Nov.		
165.	Pednekar, R.P., Gatne, M.L., Thompson, R.C.A. and Traub, R.J.	20 09	Molecular and morphological characterization of Echinococcus from food producing animals in India.	Vet. Parasitol.	165: 58 - 65.	8.0
166.	Pednekar, R.P., Gaurat, R.P. and Gatne, M.L.	20 09	Prevalence fertility rate and protein content of hydatid cysts in food animals	J. Bombay Vet. Coll.	17(1) : 55 - 59.	



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			slaughtered at Deonar abattoir.			
167.	Garud, K.V., Lambhate, V.P., Gatne, M.L., Birajdar, P.G., Mote, C.S. and Gaikawad, R.V.	20 09	Acute trypanosomosis in a dog- a case report.	Indian J. Vet. Med.	29(2) : 139- 140.	4.26
168.	Gaurat, R.P. and Gatne, M.L.	20 09	Gross and histopathological lesions associated with helminthic infestations in pigs.	J. Bombay Vet. Coll.	17(1) : 68 & 69.	
169.	Gatne, M.L. and Pednekar, R.P..	20 09	Canine ectoparasitic hypersensitivity: An overview.	Vets Communicatio ns	5:10 -11	
170.	Megat Abd Rani	20	Canine vector-	Parasites &	3:28.	9.0



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	P.A., Irwin, P.J., Gatne, M.L., Colman, G.T. and Traub, R.J.	10	borne diseases in India: a review of the literature and identification of existing knowledge gaps.	Vectors		
171.	Megat Abd Rani P.A., Irwin, P.J., Gatne, M.L., Colman, G.T., McInnes, L.M. and Traub, R.J.	20 10	A survey of canine filarial diseases of veterinary and public health significance in India.	Parasites & Vectors	9.0 3:30.	
172.	Gatne, M.L,	20 09	Canine Vector borne diseases- Indian scenario	II CVBD & Canine Helminthic Forum AP Bangkok Zoonosis		



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173.	Gatne, M.L.	20 09	Endoparasitic infections of canines in India	II CVBD & Canine Helminthic Zoonosis Forum AP, Bangkok.		
174.	Gatne, M.L..	20 10	CVBD: Indian scenario	Infopet, Bayer Publication		
175.	Megat Abd Rani, P.A., Irwin, P.J., Gatne, M. et al.	20 10	Canine vector-borne diseases in India: a review of the literature and identification of existing knowledge gaps.	Parasites & Vectors	3, 28.	9.0
176.	Megat Abd Rani, P.A., Irwin, P.J., Gatne, M. et al. (20 10	A survey of canine filarial diseases of veterinary and	Parasites & Vectors	3, 30.	9.0



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			public health significance in India.			
177.	Ugalmulgale, S.S., Jayraw, A.K., and Gatne, M.L	20 10	<u>Prevalence and clinical pathology of bovine tropical theileriosis in cross-bred population of Ahmednagar district of Maharashtra.</u>	Journal of Veterinary Parasitology,	2(4), 141- 145	5.0
178.	Puteri Azaziah Megat Abd Rani Peter J Irwin, Glen T Coleman, Mukulesh Gatne and Rebecca J Traub	20 11	A survey of canine tick-borne diseases in India.	Parasites & Vectors	4:14 1	9.0



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179.	<u>Patil, S. B.,</u> <u>Gatne,</u> M.L., Palampalle , H.Y., and <u>Gudewar,</u> J.G	20 12	Prevalence of helminth parasites of buffaloes in Maharashtra based on slaughter house study	<u>Journal of Veterinary Parasitology,</u>	26(2), 183- 185.	5.0
180.	HY Palampalle, BW Narladkar, JG Gudewar, UK Chaudhari, SB Majee and ML Gatne	20 12	Studies on antigenic profile of <i>Cysticercus cellulosae</i> in pig to develop specific immunodiagnostic test.	<u>Journal of Entomology and Zoology Studies</u>	7(4): 172- 177	
181.	Parmar Chetan, Pednekar Riddhi, Jayraw Anant and Gatne Mukulesh	20 13	Comparative diagnostic methods for canine ehrlichiosis.	Turkish Journal of Veterinary & Animal Sciences:	Vol. 37: No. 3, Articl	6.5



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182.	Birajdar P.G., Gudewar J.G., Palampalle H.Y., Dalvi S.H. and Gatne M.L.	20 13	Epidemiology and Clinical Characterization of Trypanosomosis in Buffaloes in Mumbai Region	. J. Bombay Vet. Coll	20 (1) : 25- 28.	
183.	Kumari A., M.I. Baig, A.H. Kodape, S.A. Patwardhan, P.P. Ghorpade Salil Hande and R.P. Pednekar	20 13	Effect of Parasitic Incidence on Growth Performance of Osmanabadi Goat Kids.	Journal of Bombay Veterinary College,	20(1) : 53- 54.	
184.	Rebecca J. Traub, Riddhi P. Pednekar, Lei gh Cuttell, Ronal d	20 14	(2014). The prevalence and distribution of gastrointestinal	<u>Veterinary</u> <u>Parasitology</u>	<u>205(</u> <u>1-2)</u> 233- 238.	8.0



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	B. Porter, Puteri Azaziah Abd Megat Rani, Mukulesh L. Gatne..		parasites of stray and refuge dogs in four locations in India			
185.	Gudewar, J. G., Birajdar, P. G., Palampalle, H. Y., Gatne, M. L., & Dalvi, S. H.	20 14	Haematological and Biochemical Characterization of Bubaline Trypanosomosis in Mumbai Region of India.	Journal of Buffalo Science	3(2), 59– 62.	
186.	<u>Rebecca J.</u> <u>Traub, Peter</u> <u>Irwin, Filipe</u> <u>Dantas-</u> <u>Torres, Gabriela</u> <u>Pérez</u> <u>Tort, Norma</u> <u>Vollmer</u>	20 15	Toward the formation of a Companion Animal Parasite Council for the Tropics (CAPCT).	Parasites & Vectors	8:27 1.	9.0



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	<u>Labarthe, Tawin</u> <u>Inpankaew, Muk</u> <u>ulesh Gatne, Bui</u> <u>Khanh</u> <u>Linh, Volker</u> <u>Schwan, Malaika</u> <u>Watanabe, Susanne</u> <u>Siebert, Norbert</u> <u>Mencke & Roland Schaper</u>				
187.	Shinde Shivani S, Koticha Avani, Mehta Preeti R, Gatne Mukulesh L.	20 15	Subconjunctival dirofilariasis.	Journal of Case Reports	<u>http://dx.doi.org/10.17659/10.2015.008</u>



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188.	Sagarika Mishra, Riddhi Pednekar and Mukulesh Gatne.	20 16	A Comparative Study of region specificity in bird louse in organized and unorganized sector of Mumbai	International Journal of Science, Environment and Technology	Vol. 5, No 5, 2016 ,, 3506 – 3511	4.17
189.	Sachin Dadas, Snehil Gupta, Vijayakumar Jawalagatti, Jagdish Gudewar and Mukulesh Gatne	20 16	Comparative evaluation of different classes of insecticides in therapeutic management of caprine pediculosis	International Journal of Science, Environment and Technology,	Vol. 5, No 2, 700 – 707.	4.17
190.	Jawalagatti, V., Dadas, S.A.,	20	A Rare Abattoir	Israel Journal of Veterinary	71	6.4



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	Mishra, S., Gudewar, J.G., Sawale, G.K. and Gatne, M.L.	16	Report on Heavy Infection of Pigs with <i>Opisthorchis</i> <i>tenuicollis</i> .	Medicine,	(4), 32 – 36.	
191.	Lavanya, K.V., Gudewar, J.G., Pednekar, R.P., and Gatne, M.L.	20 16	Epidemiological, clinical, haemato- biochemical and therapeutic evaluation of canine trypanosomosis in Mumbai.	Indian Journal of Animal Sciences	86 (4): 372 – 375.	6.20
192.	Vijayakumar Jawalagatti, Riddhi P. Pednekar and Mukulesh L. Gatne.	20 16	Antigenic Characterization of Porcine Metacestodes	International Journal of Science, Environment and Technology,	5(2), 688 – 699.	4.17



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193.	G.K. Sawale, Yash Savla, D.S. Gavhane and M.L. Gatne	20 16	Subcutaneous Nodular Lesions Associated with <i>Dirofilaria repens</i> in Dog	Indian Vet. J.,	93 (02) : 39 - 41.2	4.99
194.	Migri, S., Bharkad, G., & Gatne, M.	20 16	Prevalence of clinical and subclinical forms of <i>Trypanosoma</i> <i>evansi</i> infection in buffaloes of Mumbai region (MS) of India.	Buffalo Bulletin,	35(4) , 679 - 685.	6.20
195.	G.K.Sawale, H.Y.Palampale, P.P. Ghorpade, Riddhi Pednekar, D.S.	20 16	Intestinal Obstruction Due to <i>Moniezia expansa</i> in Osmanabadi Kid.	Indian Vet. J.	93 (02) : 86 - 88	4.99



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	Gavhane, A.K. Mhase and S.Chopade.					
196.	Sagarika Mishra, Riddhi Pednekar, Barada Shankar Mohanty and Mukulesh Gatne	20 17	Prevalence, economic loss and control of lice infestation in poultry	International Journal of Science, Environment and Technology	Vol. 6, No 3, 2017 ,, 1745 — 1757 .	4.17
197.	Sagarika Mishra, Riddhi Pednekar and Mukulesh Gatne	20 17	Evaluation of insecticides in therapeutic management of poultry pediculosis in different sectors	International Journal of Science, Environment and Technology,	Vol. 6, No 6, 2017 ,, 3321	4.17



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					- 3325	
198.	Vijayakumar Jawalagatti, Sagarika Mishra, Riddhi P. Pednekar and Mukulesh L	20 17	Porcine metacestodiasis: A Prevalence study.	J. Vet. Res..	Vol. 26 No. 2 2017 : 52- 54	3.13
199.	P.S. Hande, B.S. Ajitkumar, M.L. Gatne and J.G. Gudewar	20 17	Efficacy of herbal preparations Andrographis echioides Nees. and Leucas aspera Linn. against experimentally induced <i>Eimeria</i> <i>tenella</i> infection in	Indian Journal of Poultry Science	52(3) : 338- 342	5.30



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			broilers..			
200.	A.C. Hingole J. G. Gudewar R. P. Pednekar M. L. Gatne	20 17	Prevalence and molecular characterization of Cryptosporidium species in cattle and buffalo calves in Mumbai region of India	Journal of Parasitic Diseases.41(1): 131-136.		5.79
201.	<u>Vilas</u> <u>Vaidya, Ashish</u> <u>Paturkar,</u> <u>Ravindra</u> <u>Zende, Mukulesh</u> <u>Gatne, Dhananjay</u> <u>Dighe, Rupesh</u> <u>Waghmare, Shilpa Moon, Sujata</u>	20 18		<u>Turkish Journal of Veterinary & Animal Sciences,</u>	42(4), 353- 358	6.5



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	<u>Bhave, Priyanka</u> <u>Jadhav</u> and <u>Nilam Wavhal</u>					
202.	Palampalle, H., Narladkar, B., Bannalikar, A., Majee, S., Gudewar, J., & Gatne, M.	20 19	Prevalence and Histopathological Studies on Porcine Cysticercosis in Mumbai Region Based on Abattoir Study.	International Journal of Livestock Research, 9(1), 33- 43	4.31	
203.	Sawale, G. K., Bharkad, G. P., Gatne, M. L., Gavhane, D. S., Gudewar, J. G., & Moregaonkar, S. D. (20 20	Multiple false diverticula and intestinal obstruction due to toxocariosis in buffalo calf	Buffalo Bulletin, 39(4) , 539- 548	6.20	
204.	Kubade, M. G., Palampalle, H.	20 24	Prevalence of Visceral	Ind J Vet Sci and Biotech. ,	20(1)	5.25



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	Y., & Pednekar, R. P.		Schistosomosis in Buffaloes Slaughtered at Mumbai.		126- 128.	
205.	Vishruta Ananta Patil, Jagdish Gudewar, Prashant D Gadhav, Hirachand Y Palampalle and Riddhi P Naringrekar	20 24	Prevalence of gastrointestinal parasites of cats in Mumbai and efficacy of commonly used anthelmintics.	International Journal of Veterinary Sciences and Animal Husbandry	9(4): 555- 561	4.61
206.	Chopde, A.E., Palampalle, H.Y., Gudewar, J.G., Naringrikar, R.P. and Kendre, B.P.	20 24	Therapeutic Evaluation of Common Used Anti-coccidials in Buffalo Calves Against Eimeria	J. Anim. Res.	14(0 4): 01- 06	4.78



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			Spp. And Integrated Strategy Management for Control of Eimeria Spp. Infection.			
207.	Shankar Gholve, M., Totaram Kalwaghe, S., Yeknath Palampalle, H., Madhavrao Chigure, G., Arun Ingle, S., & Bhangale, G. N.	20 24	Age but not sex is a primary predisposing factor for Ascariosis in buffalo calves: An evidence from Mumbai, India.	Buffalo Bulletin	43(1) , 95– 103.	6.20
208.	SY Shirale, HY Palampalle, PV Meshram, KN	20 24	Clinico-biochemical and	International Journal of Advanced	8(3): 203–	5.29



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Pawankar, MM Vaidya, SA Dhenge and RD Suryawanshi		chemotherapeutic evaluation in bubaline trypanosomosis.	Biochemistry Research	207	
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List of Marathi and Popular articles published:

Sr. No	Authors	Year	Title	Name of the Journal/Magazine	Volume : Page Nos.



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6. Completed Research Projects



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7. Research schemes completed by the Department in the last decade

a. International projects:

1. "Molecular epidemiology of cystic echinococcosis in food animals in India" collaboration with University of Queensland, Australia
2. "Survey of canine gastrointestinal parasites and vector borne diseases in India" in collaboration with University of Queensland, Australia & M/s Bayer Animal Healthcare, Germany

b. National projects:

1. Immunodiagnosis of bladder worms of food animals (ICAR, New Delhi)

c. Agency Schemes:

1. Curative efficacy of Toltrazuril against commonly occurring pathogenic species of coccidia in broiler birds
2. Studies on tropical bovine theileriosis in cross-bred cattle with special reference to immune response to vaccination
3. Studies on immunoprophylactic efficacy of concealed gut antigen of *Rhipicephalus (Boophilus) microplus* (Bm95) against ixodid ticks of cattle
4. In-vitro efficacy of cattle IGR feed premix
5. Curative efficacy of Linrow M against commonly occurring roundworm infestations in layer birds
6. Efficacy of Flygaard based formulations as feed premix for control of houseflies in poultry



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7. Efficacy of AV/FRC/18 (Herbal ectoparasiticide) against commonly occurring tick and lice infestations on cattle
8. Clinical trial on efficacy of diminazene aceturate 7% RTU injection against trypanosomiasis and babesiosis in bovines and equines
9. Efficacy of amitraz pour on formulation on cattle naturally infested with ixodid ticks
10. Efficacy of fenbendazole-rafoxanide combination against nematode and trematode infestation in bovines
11. Evaluation of dog collar belt for its efficacy.



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8. Research Recommendations

Sr. No.	1
Year	2014
Project Title	Studies on antigenic profile of <i>Cysticercus cellulosae</i> in pig to develop specific immunodiagnostic test
Investigators	Dr H Y Palampalle and Dr M L Gatne
Recommendations	<p><i>Cysticercus cellulosae</i> proteins of 29 & 14-kDa should be exploited for use in ELISA to be employed for ante-mortem screening of pigs from endemic region in view human health and to curb economic losses owing to condemnation of measely pork.</p>
Sr. No.	2
Year	2020
Project Title	Assessment of acaricide resistance in <i>Rhipicephalus microplus</i> of Maharashtra state and novel non-chemical approaches for its control
Investigators	Dr. G. P. Bharkad, Dr. H. Y. Palampalle
Recommendations	<ol style="list-style-type: none">1. <i>Rhipicephalus microplus</i> tick isolate from Marathwada and western Maharashtra exhibited very high (level-IV) resistance against deltamethrin, Hence, it is recommended to stop its use in these regions to avoid the environmental contamination and save unnecessary expenditure on the treatment.2. Marathwada and western Maharashtra isolate of <i>Rhipicephalus microplus</i> tick showed alarming Level I resistance. In order to increase the durability of effectiveness of the molecule, it is recommended to use it alternately with acaricide of any other class to delay the resistance development process.3. All the 5 isolates of <i>Rhipicephalus microplus</i> tick representing 5 regions of state are sensitive to ivermectin. In order to save the molecule, it is recommended to limit its use in moderate to heavy type of infested animals only and 1-2 times in a year.4. The <i>Rhipicephalus microplus</i> tick isolate of tribal region of



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	Maharashtra are sensitive to all the 3 acaricides viz., Deltamethrin, amitraz and ivermectin and can be used as a susceptible control for AR experiments. 5. Non-woven nylon fabric (400GSM) can be used as substrate for Larval Packet Test (LPT) for AR detection against amitraz.
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9. MOU signed by the Colleges

Sr. No.	MOUS Between Party - I & Party - II	Date of signing	Place	Duration

8. Research Priorities / Thematic areas: Department Wise

Monitoring and surveillance of parasites of livestock and companion animal

Antiparasitic drug resistance & alternative treatment and control strategies

Meat borne parasitic zoonoses

Integrated parasite management



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9. Significant Research Achievement:

Sr. No.	Achievements	Description
1	Patents Awarded	
2	Breed Registration	
3	IPR	
4	Copyright	
5	Trademark	