

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.	Molecular epidemiology of Tick and tick Born Diseases. Host Resistance and Development of Novel Pathogen Vaccines	PI- Dr. S.W. Kolte Co-PI: 1.Dr. N. V. Kurkure 2. Dr.S.G. Jadhao 3. Prof. Brian Shiewls University of Glasgow(UK)	Department of Biotechnology New Delhi	Rs. 110.508 Lakhs	Extra-mural (Funding agency)	Completed	2014-18
2.	Development of lateral flow/ ELISA detection kit for the early diagnosis of theileriosis in cattle	PI- Dr. S.W. Kolte Co-PI: 1.Dr. N. V. Kurkure Collaborator: Mrs. Supriya Kashikar	Biotechnology Industry Research Council, New Delhi (BIRAC)	Rs. 19.55 Lakhs	Extra-mural (Funding agency)	Completed	2019-20
3.	<i>In vitro</i> and <i>in vivo</i> study of efficacy of entomopathogenic fungi against tick infestation in cattle	PI : Dr. P. D. Jumade CO- PI: Dr. P. J. Gawande	--	--	Intra-mural	Completed	2021-23

4	<i>In vitro</i> and <i>in vivo</i> evaluation of acaricidal efficacy of some medicinal plant leaves extracts against <i>Rhipicephalus microplus</i> tick infestation in cattle	PI : Dr. P. D. Jumade CO- PI: Dr. P. J. Gawande Dr. A. R. Sawarkar	--	--	Intra-mural	Completed	2021-23
5	Identification of the Snail as an Intermediate Hosts, in and around Nagpur	PI : Dr. P. J. Gawande CO- PI: Dr. P. D. Jumde	--	--	Intra-mural	Completed	2021-2024
6	Detection of acaricidal resistance status of amitraz in ticks infesting cattle in Vidarbha region of Maharashtra state	PI : Dr. P. D. Jumade	--	--	Intra-mural	Ongoing	2024-26

4. **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/On going)	Duration
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	To study efficacy of AV/FRC/18 (Herbal ectoparasitidal & Fly repellent) in natural cases of ectoparasitic infestation in non descript cows and Nagpuri buffaloes	PI : Dr. P. D. Jumade	Ayurvet agency ltd., Solan H.P.	Rs. 1.48 Lakhs	Agency funded	Completed	2011-12
	Effect of phytochemicals and disinfectants on experimental coccidiosis in broiler	PI : Dr. S. G. Jadhao	Saife vetmed New Delhi	Rs. 2.87 Lakhs	Agency funded		2022-2023

5. **Research Priorities:**

Sr. No.	Research Area	Aim	Objective	Benefits of Farmers
1	Molecular diagnosis of parasitic diseases	Confirmative diagnosis of parasitic diseases	Conventional and molecular diagnosis of haemoprotozoan infection in domestic and pet animals	Confirmative diagnosis of parasitic diseases will provide proper treatment to animals
2	Development of disease diagnostic kits	Early diagnosis of parasitic diseases	Development of rapid diagnostic test kits for early diagnosis of haemoprotozoan infection	Early diagnosis of parasitic diseases using kits
3	Screening and epidemiological studies of prevalent haemoprotozoan and helminthic diseases	Generation of data of most prevalent haemoprotozoan and helminthic diseases in areas	Screening of prevalent haemoprotozoan and helminthic diseases in domestic animals	Implementation of control and prevention strategies in parasitic prone areas

			in Vidarbha region of Maharashtra state	
4.	Parasitic drug resistance status in livestock	To study anthelmintic and acaricidal resistance status in livestock	Study of resistance of most frequently used anthelmintics and acaricides in Vidarbha region of Maharashtra state	The data generated will help to implement alternative treatment to overcome anthelmintic and acaricidal resistance in livestock

6. Thesis:

Master:

Sr. No.	Name Of Student	Name Of Guide	Thesis Title	Year	Degree
1	M. M. Teware	Dr. D. K. Maske	Studies On Prevalence Biology And Control Of <i>Psoroptes Cuniculi</i> In Rabbits	1996	M. V. Sc
2	P. P. Sapate	Dr. N. G. Bhilegaonkar	Experimental And Immunological Studies On Nasal Scistosomiasis	1997	M. V. Sc
3	P. D. Jumde	Dr. N. G. Bhilegaonkar	Studies On Sarcocystis In Goat At Nagpur	1997	M. V. Sc
4	A. N. Isale	Dr. D. K. Maske	Studies On Parasitic Infection In Poultry At Nagpur	1998	M. V. Sc
5	S. B. Baseshankar	Dr. D. K. Maske	Studies On Helminthic Infection In Cattle At Bhandara District	1998	M. V. Sc

6	B. R. Narwade	Dr. D. K. Maske	Studies On Arthropod Infection In Dairy Animals At Nagpur	1998	M. V. Sc
7	S. S. Kende	Dr. D. K. Maske	Studies On Gastrointestinal Helminth Parasitism In Dairy Animals At Nagpur	1998	M. V. Sc
8	S. Y. Shirale	Dr. D. K. Maske	Studies On Helminths Parasitism In Goats At Nagpur	2000	M. V. Sc
9	M. D. Sakhare	Dr. D. K. Maske	Studies On Helminths Parasitism In Dogs At Nagpur	2000	M. V. Sc
10	P. P. Padwal	Dr. D. K. Maske	Studies On Epidemiology Pathogenicity And Treatment Of Helminths In Chicken	2000	M. V. Sc
11	A. M. Bambal	Dr. D. K. Maske	Studies On Gastrointestinal Helminth In Buffaloes Of Yawatmal District	2000	M. V. Sc
12	A. M. Nichal	Dr. D. K. Maske	Studies On Cysticercosis In Goats At Nagpur	2001	M. V. Sc
13	Shobha Radhakrishnan	Dr. D. K. Maske	Studies On Mange Infestation In Buffaloes In And Around Nagpur	2001	M. V. Sc
14	Pramod Narayanrao Shinde	Dr. D. K. Maske	Studies On Haemoprotistant Infection Of Bovines In And Around Nagpur	2002	M. V. Sc
15	Samradhini Dhruna Dharaskar	Dr. D. K. Maske	Studies On Haemoprotistant	2002	M. V. Sc

			Infection Of Canines In And Around Nagpur		
16	Atul Shamrao Gadre	Dr. D. K. Maske	Studies On Gastrointestinal Helminths Parasitism In Dairy Animals Of Central Zone Of Vidarbha Region (Maharashtra)	2003	M. V. Sc
17	P. A. Raut	Dr. D. K. Maske	Studies On Ectoparasitism In Dogs In Central Zone Of Vidarbha Region (Maharashtra)	2003	M. V. Sc
18	Virendra Ganpatrao Sonkusale	Dr. D. K. Maske	Studies On Ectoparasitism In Bovines In Central Zone Of Vidarbha Region (Maharashtra)	2003	M. V. Sc
19	Babasaheb J. Kolhapure	Dr. D. K. Maske	Studies On Haemoprotistant Infection In Caprinein Central Zone Of Vidarbha Region (Maharashtra)	2003	M. V. Sc
20	Mandalatha Suja John	Dr. D. K. Maske	Studies On Tick Ectoparasitism Of Goats In And Around Nagpur	2003	M. V. Sc
21	Vinod Haribhangi Shende		Studies On Gastrointestinal Parasitism In Goat Of Central Zone Of Vidarbha Region (Maharashtra)	2004	M. V. Sc
22	Milind K. Sadawarte	Dr. D. K. Maske	Studies On Mange Infestation Of Goats	2004	M. V. Sc

			In And Around Nagpur		
23	Satish D. Raghort	Dr. D. K. Maske	Detection Of Haemoprotistant In Salivary Glands Of Ticks Of Cattle In Nagpur Region	2005	M. V. Sc
24	Suresh G. Jadhao	Dr. D. K. Maske	Studies On Haemoprotistant Infections Of Caprine Eastern Zone Of Vidarbha Region (Maharashtra)	2006	M. V. Sc
25	Priya Jagannathrao Gawande	Dr. D. K. Maske	Immunological Studies On Salivary Gland Antigen Of <i>Rhipicephalus Haemaphysaloides</i> In Rabbits	2007	M. V. Sc
26	Bahar Shrikrishna Baviskar	Dr. D. K. Maske	Experiment On Salivary Gland Extracts Of <i>Rhipicephalus Haemaphysaloides</i> In Rabbits	2007	M. V. Sc
27	Prashant B. Chauhan	Dr. D. K. Maske	Prevalence And Chemotherapy Of Ectoparasites Of Cattle And Buffaloes In Eastern Zone Of Vidarbha Region (Maharashtra)	2008	M. V. Sc
28	Gajendra N. Bhangale	Dr. D. K. Maske	Studies On Hydatidosis In Cattle And Buffaloes At Nagpur (Maharashtra)	2009	M. V. Sc
29	Bagde Varsha P.	Dr. D. K. Maske	Studies On Helminth Parasites In Goats Of	2009	M. V. Sc

			Nagpur Region (Maharashtra)		
30	Rachel Priydarshani G.	Dr. D. K. Maske	Studies On <i>Oestrus</i> <i>Ovis</i> Infection In Goats Nagpur	2010	M. V. Sc
31	R. H. Kadukar	Dr. D. K. Maske	Prevalence And Chemotherapy Of Ecto And Endo Parasites Of Pigeons Of Nagpur (Maharashtra)	2010	M. V. Sc
32	Sanweer Khatoon	Dr. S. W. Kolte	Diagnosis Of Tropical Bovine Theileriosis By Polymerase Chain Reaction In Cattle		M. V. Sc
33	Milind Mukund Raut	Dr. S. W. Kolte	Conventional And Molecular Diagnosis Of Nasal Schistosomiasis In Cattle		M. V. Sc
34	Sabhyata Sharma	Dr. S. W. Kolte	Diagnosis Of Theileriosis In Bovines Using Pcr And Elisa	2019	M. V. Sc
35	Khumali Debbarma	Dr. S. W. Kolte	Comparative Evaluation Of Conventional And Molecular Diagnosis Of Babesiosis And Ehrlichiosis In Canines	2021	M. V. Sc
36	Sudhanwa Uday Khardenavis	Dr. S. W. Kolte	Detection <i>Cryptosporidium</i> Spp. In Cattle And Buffalo Calves From Nagpur Region	2023	M. V. Sc

37	Pranav Pralhadrao Deshmukh	Dr. S. G. Jadhao	Morphological And Molecular Identification Of <i>Eimeria</i> Spp. Of Broiler Chickens In Nagpur Region (Maharashtra State)	2023	M. V. Sc
38	Pranita Gangadhar Manmod	Dr. P.D. Jumade	Detection Of Acaricidal Resistance To Deltamethrin In <i>Rhipicephalus Microplus</i> Ticks From Nagpur Region Of Maharashtra State	2024	M. V. Sc
39	Trupti Prabhakar Tekade	Dr. S. W. Kolte	Prevalence Of Theileriosis In Goats (<i>Capra Hircus</i>) From Central Vidarbha Region Of Maharashtra State	2024	M. V. Sc
40	Pratik Ganesh Kokate	Dr. S. G. Jadhao	Immune Response To <i>Eimeria</i> Spp. Infection In Broilers Fed With Different Anticoccidials	2024	M. V. Sc

Doctoral:

Name Of Department:				
Sr. No.	Name Of The Student	Title Of Thesis	Year Of Completion	Name Of The Advisor
1	Dr. M. R. Sardey	Studies On External Morphology, Bionomics And Control Of Buffalo Fly <i>Liperosia Exigua</i>	1976	Dr. V. K. Thakare
2	Dr. D. K. Maske	Studies On Ixodid Ticks In Cattle In Vidarbha Region With Special Reference To	1993	Dr. M. R. Sardey

		Biology And Control Of <i>Boophilus Microplus</i>		
3	Dr. S. W. Kolte	Studies On Immunology And Pathology Of Schistosoma Nasale In Bovines	2003	Dr. D. K. Maske

7. Research Papers Published:

List of Research Publications:

Sr. No.	Authors	Year	Title of the Research Paper	Name of the Journal	Volum Page Nos.	NAAS Ratin g, if any
1.	Jumde P.D., Bhojne G.R., Maske D.K. and Kolte S.W	2000	Prevalence of Sarcocystosis in goats at Nagpur’.	Indian veterinary Journal	77: 622- 623.	4.99
2.	Ashlesha Satpute, Pratibha Jumde ,and D.K. Maske.	2009	Parasitic infection in captive Reptiles.	The Indian Journal of Field Veterinaria ns.	5(1):65	5.25
3.	A.T. Borghare, V.P. Bagde, A.D. Jaulkar, D.D. Katre, P.D. Jumde, D.K. Maske and G.N. Bhangale.	2009	Incidence of Gasrointestinal Helminthiasis in Captive Deers at Nagpur.	Veterinary World	2(9):25-26	7.70
4.	Bagde V.P., Jumde P.D., Maske D.K., and Bhangale G.N.	2009.	Incidence of Gastrointestinal helminthiasis in captive deers at Nagpur..	Veterinary World.	2 (9) : 337- 338	7.70
5.	Bagde V.P., Jumde P.D., Maske D.K., and Bhangale G.N.	2009..	Incidence of Gastrointestinal parasitism of in captive wild pigeons at Nagpur	Veterinary World.	2(9).: 343	7.70

6.	Borghare A.T., Bagde V.P., Jaulkar A.D., Katre D.D., Jumde P.D., Maske D. K. and Bhangale G.N.	2009	Incidence of Gastrointestinal parasitism of Captive Wild Pigeons at Nagpur.	Veterinary World,	2(9):343.	7.70
7.	S.G. Rewatkar, S.S. Deshmukh, S.K. Deshkar, D.K. Maske, P.D. Jumde and G.N. Bhangale.	2009	Gastrointestinal helminths in migratory Camel.	Veterinary World,	2(7):258	7.70
8.	Baviskar Bahar, Kailas Ingle, Priya Gawande, Sachin Raut, Kirty Sirothia and Arun Bhandarkar	2009	First report on occurrence of <i>Babesia</i> infection in Nilgai (<i>Boselaphus tragocamelus</i>) from Central India.	<i>Journal of Threatened Taxa</i>	1(3): 196.	
9.	Varsha Bagde, D.K .Maske, Pratibha Jumde, Kavita Shende and Shradha Bansod	2010	Prevalence of helminth parasites of goats of Nagpur region	The Indian Journal of Field Veterinaria ns	5(3):229- 230	5.25
10.	Varsha Bagde, Pratibha Jumde, Shradha Bansod ,Kavita Shende and D. K. Maske.	2010	Prevalence of Coccidiosis in goats of Nagpur region of Maharashtra.	The Indian Journal of Field Veterinari ans	5 (3): 39- 40	5.25
11.	Pratibha Jumde, Deepika Malaviya, P.M. Sonkusale and	2011.	Haemoprotozoan Infection in Stray Dogs at Nagpur.	The Indian Journal of Field	7(2): 55-56	5.25

	Prajakta Charde.			Veterinarians		
12.	Jumde Pratibha, Durge S., Uke S.	2011	Prevalence of gastro-intestinal helminthes in free-range domesticated ducks of Gadchiroli district of Maharashtra.	The Indian Journal of Field Veterinarians	6(3):69	5.25
13.	Jumde Pratibha Jadhav S. K., Durge S.M., Sawarkar Alka.	2011	Efficacy of herbal preparation against gastrointestinal nematodes in local pigs.	The Indian Journal of Field Veterinarians	6(3):9-10	5.25
14.	Pratibha Jumde and Makarand Dixit.	2012.	Survey of <i>Oesrtus Ovis</i> Infestation in Goats : An Abatoir Study.	The Indian Journal of Field Veterinarians	7 (4): 55-56	5.25
15.	SP Awandkar, PP Gosavi, NV Khode, SG Jadhav, MS Mendhe, MB Kulkarni, VM Sardar,	2012	Seroepidemiology of brucellosis in sheep,	Indian Veterinary Journal, 89: 6, Pgs 30, 2012		NAAS 4.93
16.	S. P. Awandkar and N. V. Khode S. G. Jadhao, S. D. Borkar	2013	Prevalence of Gastro-intestinal Parasitism in Deccani Sheep.	International Journal of Scientific & Medical Research, 1:1, Pgs, 25-28, 201		ISSN No 2277-8179
17.	Pratibha Jumde, Sandeep Akhare, Mohanji Saxena,	2013	Ectoparasiticial Activity of Herbal Product Keetguard	Journal of Scientific	2(2): 641-654.	5.17

	Kotagiri Ravikanth, Mangesh Dandale, Ajay Thakur and Shivi Maini.		Liquid against <i>Rhipicephalus Microplus</i> in Ruminants.	Research & Reports		
18.	Jumde Pratibha, Bhilegaonkar N.G., Kolte S.W.	2014	Studies on Haematological And Histopathological Changes in Sarcocystosis of Naturally Infected Goats.	Journal of Veterinary Parasitology	28(1): 82-83	5.00
19.	Jumde Pratibha, Bhilegaonkar N.G., Kolte S.W.	2014	Seroprevalence of <i>Sarcocystis</i> sp infection in goats of Nagpur district of Maharashtra.	Journal of Veterinary Parasitology.	28(1): 77-78.	5.00
20.	S.W.Raut and N.V.Kurkure B.P.Kamdi,.S.G.Jadhav,.S.W.Kolte, R.Pande,	2014	Avitellina centripunctata infection in nilgai (<i>Boselaphustragocamelus</i>),	International Journal of Scientific research and management, 2: 7, Pg 1143-1144, 2014		Referred/ Impact factor 6.125 NAAS 12.125
21.	Varsha Bagde and Pratibha Jumde	2015	Anthelmintic Efficacy of Some Indigenous Medicinal Plants in Goats.	Indian Journal of Veterinary Sciences & Biotechnology	11 (1): 34-35.	5.25
22.	Varsha Bagde and Pratibha Jumde	2015	Anthelmintic Efficacy of Some Indigenous Medicinal Plants in Goats.	Indian Journal of Veterinary Sciences & Biotechnology	11(1): 34-35.	5.25

23.	Nitin Kurkure Bhupesh Kamdi, Suresh Jadhav, Sachin Raut, Rahul Pande, Prashant Sonkusale	2015	Incidence of Ascardia Gali in Cattle Egret (Bubulus Ibis),	Research Journal for Veterinary Practitioner s, 3:1, 13, 2015		Referr ed/ Impact factor 0.422 NAAS 6.422
24.	SD Borkar, AR Sawarkar, SG Jadhao, P Thakare	2016	Phytochemical analysis of aqueous and alcoholic extract of some medicinal plants,	Internationa l Journal of Scientific research and managemen t, 4:9, Pg 4578-4585, 2016		Referr ed/ Impact factor 6.125 NAAS 12.125
25.	Sunil W Kolte, Stephen D Larcombe, Suresh G Jadhao, Swapnil P Magar, Ganesh Warthi, Nitin V Kurkure, Elizabeth J Glass, Brian R Shiels	2017	PCR diagnosis of tick-borne pathogens in Maharashtra state, India indicates fitness cost associated with carrier infections is greater for crossbreed than native cattle breeds,	Plos one, 12:3, Pages e0174595, 2017		Referr ed/ 9.75
26.	SG Jadhao, S Pal, S Nath, S Kumar, PK Sanyal	2018	Prevalence of hard ticks (Acari: Ixodidae) of Indian zebu cattle (Kosli) in Bastar plateau zone of Chhattisgarh, India,	J. Exp. Zool., India, 21:2, Pages 837-841, 2018		Referr ed/ 5.25
27.	Subhradal Nath, Sanju Mandal, Susanta Pal, Suresh Jadhao,	2018	Impact and management of acaricide resistance- pertaining to	Int. J. Livest. Res, 8 Pg.No. 46, 2018		Referr ed/

	Namrata Ottalwar, P Sanyal		sustainable control of ticks,			NAAS 4.43 47
28.	Sabhyata Sharma, SW Kolte, PJ Gawande, NV Kurkure, SG Jadhao, CG Panchbhai, Swapnil Magar,	2019	A comparative study between blood smear, whole blood PCR and FTA card PCR for diagnosis of <i>Theileria annulata</i> and <i>Theileria</i> <i>orientalis</i> in cattle	Journal of Animal Research, 9:4, 2019	, 9:4, Pg. No. 585- 588	Referr ed/ 5.43
29.	Sabhyata Sharma, SW Kolte, NV Kurkure, SG Jadhao, Swapnil Magar	2019	Comparative Efficiency of Whole blood and FTA Card for Diagnosis of Theileriosis in Buffaloes of Nagpur Region, India,	Int. J. Curr. Microbiol. App. Sci,	8 : 11, Pgs 1404-1409, 2019	NAAS 5.38
30.	Khumali Debbarma*, S.W. Kolte, S.G. Jadhav, M. Kaore, N.V. Kurkure and P. Gawande.	2019	A comparative study between blood smear, whole blood PCR and FTA card PCR for diagnosis of <i>Theileria orientalis</i> in cattle.	Journal of Animal Research	V-9,N 4, P- 585-588	5.2
31.	Sabhyata Sharma*, S.W. Kolte, P.J. Gawande, N.V. Kurkure, S.G. Jadhao, C.G. Panchbhai and Swapnil Magar	2019	(A comparative Study between Blood Smear, Whole Blood PCR and FTA Card PCR for Diagnosis of <i>Theileria annulata</i> and <i>Theileria</i> <i>orientalis</i> in Cattle.	Journal of Animal Research:	v.9 n.4, p. 585-588.	
32.	Sharma Anshu, Jumde Pratibha and Kolte S.W.	2020	Efficacy of <i>Nicotiana tabacum</i> as a biocontrol agent against cattle ticks.	Journal of Entomolog y and Zoology Studies	8(6): 220- 222	--
33.	Jumade Pratibha, S. Pal and P.K. Sanyal	2020	Occurrence and Distribution of Entomopathogenic	Int. J. Curr. Microbiol .App. Sci .	9(7): 1150- 1155	5.38

			Fungi in Agricultural Soil of Durg District of Chhattisgarh, India.			
34.	Suresh Gulabrao Jadhao, Prabir Kumar Sanyal, Sonali Deepak Borkar, Gajanan Madhavrao Chigure, Nitin Dadarao Jadhav, Pramod Madhavrao Shirsikar & Sachin Kumar	2020	Prevalence of ixodid ticks infesting in cattle of Chhattisgarh state, an east-central part of India.	International Journal of Tropical Insect Science,)	40, pgs 951-954 (2020	NAAS 7.02
35.	PB Tembhumne, SD Borkar, SW Bonde, MM Kadam, KK Khose, DV Patil and SG Jadhao	2020	Effects of graded level of nucleotide rich yeast extract supplementation in diets on growth performance and economics of broilers.	Journal of Entomology and Zoology Studies	2020; 8(4): 1335-1338	NAAS 5.53
36.	Pratibha Jumade, S Pal, P K Sanyal and Asit Jain.	2021	Chhattisgarh Isolate of Entomopathogenic <i>Fusarium</i> Spp.	Indian Journal of Entomology	83(3): 471-474	5.89
37.	Jumade Pratibha and Pal S.	2021	Influence of temperature and humidity on conidial germination and colony growth of entomopathogenic fungi.	Journal of Entomology and Zoology Studies.	9(4): 201-206	--
38.	Jumade Pratibha, S. Pal and P.K. Sanyal.	2021	Morphological and Colony Characterization of Durg Isolates of Entomopathogenic Fungi as a Biocontrol	Int. J. Curr. Microbiol .App. Sci .	10(07): 327-336	--

			Agent against Tick infestation in Cattle.			
39.	Jumade Pratibha and Gawande Priya.	2022	Concept of entomopathogenic fungi (EPF) and its exploration as a biopesticide for control of tick infestation in cattle.	The Pharma Innovation Journal	11(3): 1128-1133	--
40.	Jumade Pratibha, S. Pal, P.K. Sanyal and Jain Asit.	2022	Pathogenicity of entomopathogenic fungi <i>Fusarium beomiforme</i> against <i>Rhipicephalus microplus</i> tick infestation in cattle	Indian Journal of Animal research.	41(2): 380-384	6.40
41.	Gawande PJ, Jumde PD and Baviskar BS	2022	Salivary gland antigen of <i>Rhipicephalus haemaphysaloides</i> : Immunological studies in rabbits.	The Pharma Innovation Journal	2022; SP-11(5): 94-100.	5.17
42.	Pratibha Jumade and S. Pal	2024	Molecular Characterization of Entomopathogenic Fungi <i>Aspergillus amstelodami</i> as a Biocontrol Agent of Tick Infestation in Cattle .	The Indian Journal of Veterinary Sciences and Biotechnology	20(1): 58-60	5.25
43.	Jumade Pratibha and Manmod Pranita.	2024	Comparative study of <i>in vitro</i> efficacy of <i>Metarhizium anisopliae</i> and <i>Beauveria bassiana</i> against <i>Rhipicephalus microplus</i> tick infestation in cattle .	Indian Journal Of Research	13 (3): 38-39	3.29
44.	Ruchika R. Sangale and Priya Gawande	(2024).	Gastrointestinal parasites of the Indian Flying Fox <i>Pteropus medius</i> in	Journal of Threatened Taxa	16(2) : 24804 – 24806	5.12

			Nagpur City: a seasonal study through faecal sample analysis.			
45.	P.J. Gawande, B.S. Baviskar and A. A. Shewalkar	(2024).,	Gastro-intestinal helminths in Indian rock pigeon (<i>Columba livia</i>) of Nagpur, Maharashtra.	International Journal of Science, Environment and Technology	Vol. 13, No 4, 2024, 301 – 303.	4.17
46.	P.B. Bankar and P.J. Gawande.	(2024).	Mysterious migration of birds : A review	International Journal of Science, Environment and Technology	Vol. 13, No 3, 2024, 178 –184	
31	B.S. Baviskar, P.J. Gawande, A.K. Jayraw and D.K. Maske	(2024).	Immunological studies on studies on salivary gland antigen of Rhipicephalus haemaphysaloides in cattle.	International Journal of Science, Environment and Technology	Vol. 13, No 3, 2024, 136 –142	
35						
36	Raju Lal Gurjar and Priya J. Gawande	2011	A Note on the Vulture Population in Panna Tiger Reserve, Central India	Podoces,	(1): 83–86	
51	Nitin D Jadhav, SR Rajurkar, M Vijay, BW Narladkar, SG Jadhao, MS Vaidya, CS Mamde, Gajanan M Chigure		Determination of in vitro efficacy of aqueous and chloroform extracts of adhatoda, vasic against rhipicephalus microplus ticks.	Explor Anim Med Res,	11: 2, Pages 255-259	NAAS 5.85
52	Suresh Gulabrao Jadhao, Sushanta Pal, Sonali Deepak Borkar, Gajanan M Chigure,		Molecular detection of tick-borne pathogens harbored by ticks collected from local breed	International Journal of Tropical	42 :1 Pgs 707-713	NAAS 7.02

	Subrhodal Nath, Prabhir Kumar Sanyal, Sachin Sudhakar Waghmare, Sachin Kumar		(Non-descript) of cattle in the chhattishgarh state of India.	Insect Science,		
53	P.K. Sanya S. Nath, S. Pal, S. Mandal, S. Jadhao, M. Sankar, S. Muzamil		Molecular Detection of Benzimidazole Resistance in Haemonchus contortus Larvae of Goats in Chhattisgarh, India,	Indian Journal of Animal Research,	55: 9, Pages 1-5	NAAS 6.43
54	S. Jadhao and P.K. Sanyal S. Nath, S. Pal, S. Mandal		Combination of albendazole and hydro-ethanolic extract of Curcuma longa as a mitigation strategy to combat benzimidazole resistance in goats.	Journal of Veterinary Parasitolog y,	2:35, Pages 102-107	NAAS 4.80
55	P.D. Bhole, N. C. Nandeshwar Rupali Charjan , , S.B. Banubakode , S.V. Shinde , S.G. Jadhav , U.P. Mainde		Identification of Sex of Domestic Ruminants by using PCR Technique.	Indian Journal of Veterinary Anatomy,	34 :1, Pages 81-82	NAAS 4.86

List of Marathi and Popular articles published:

Sr. No	Authors	Year	Title	Name of the Journal/Magazine	Volume: Page Nos.
1	Dr. P. D. Jumade Dr. P. J. Gawande	July 2022	ikolkGk_rwr 'ksG~;kae/s gks.kkjh ijksithoh tarkaph ck/kk] mipkj o fu;a=.k	Godwa- Magazine	45: 28
2	Dr. P. D. Jumade	August 2022	□□□□□□□ □□□□□□□	Godwa- Magazine	45: 29

	Dr. P. J. Gawande		□□□□ □□□□□□ □□□□□ □□□□		
3	Dr. P. D. Jumade and Dr. P. J. Gawande	2022	Management of endoparasitic infection in goats	Dept. Of LPM, NVC, Nagpur	3
4	Dr. Pranita Manmod and Dr. Pratibha Jumade	2023	□□□□□□□□ □□□□ □□□□□□ □□□□□□□□□□ □□ □□□□ □ □□□□□□□□ □□□□□□□□□	Godwa- Magazine	45
5	Dr. P. D. Jumade, Dr. P. J. Gawande and Dr. Shweta Lende	2025	ekal mRIkknu o izfØ;sdfjrk i'kwaps laxksiu % O;olk;krhy l/akh o vkOgku	ekal m kxskrhy efgyk m kts drk] efgykaph Hkwfedk] l/kh	31

8. Research Priorities / Thematic areas: Department Wise

1. Conventional and molecular diagnosis of haemoprotozoan infection in bovines.
2. Development of rapid diagnostic test for early diagnosis of haemoprotozoan infection
3. Studies on helminthic infections in goat and their control.
4. Screening of prevalent haemoprotozoan and helminthic diseases in domestic animals in Vidarbha region of Maharashtra state
5. To conduct research on epidemiological studies of parasitic diseases in domestic animals.
6. Research on parasitic diseases in wild animals
7. To study anthelmintic and acaricidal resistance status in livestock
8. Training of the field persons for parasitic disease diagnosis.
9. Development of protocol and procedures for smooth conduct of accreditation of laboratory for practical, hands on training and disease diagnosis
10. Training of the field persons for parasitic disease diagnosis.

Accomplishment:

1. Bionomics and control of flies of livestock.

2. Bionomics, biology and control of ticks of livestock
3. Epidemiology and control of helminthes parasites of livestock and birds
4. Immunology and pathology of nasal schistosomiasis in cattle
5. Epidemiology and control of haemoprotozoan parasites of livestock and pet animals
6. Bionomics and control of ectoparasites of poultry and pet animals
7. Studies on herbal ectoparasitocides in cattle, dogs
8. Participation in communicating scientific information on various parasitic diseases to livestock owners through a media viz.” Doordarshan”, “Akashwani”, “News papers”, “KrishiPatrika”, N.S.S. camps etc.