

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	Establishment of Multispecialty Veterinary Clinical Complex, Disease Diagnostic Laboratory and Training Centre.	Co-PI	RKVY	4.99 cores	Extra-mural	Completed	Three years 2011 to 2014
2	Socio-economic Upliftment of Farming Community through Technology of Value Added Milk Products.	Co-PI	RKVY	0.60 cores.	Extra-mural	Completed	Two Years 2011 to 2013
3	Synthesizing Evidence on Antibiotic use among human and animals to help tackle antimicrobial resistance: Cultural, epidemiological study in rural Pune district, Maharashtra	Co-PI	ICMR, India	2439928/- (Funding for Lead Institute)	Extra-mural	Completed	Two Year 2019-20

4	Scientific Goat farming for sustainable livelihood of scheduled caste farmers in western Maharashtra	PI	ICAR-NIHSA D, Bhopal	24,000,00/-	Extra-mural	Ongoing	Two year 2024-25 2025-26
5	Training of Scheduled caste farmers on scientific goat farming in western Maharashtra	PI	ICAR-NIHSA D, Bhopal	3,000,00/-	Extra-mural	Ongoing	Two year 2024-25 2025-26

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 evaluation of four different dewormers in sheep.	PI	MSD Intervet Pune.	45 thousand	Extra-mural	Completed	2013-2014
2	Efficacy evaluation of herbal antidiarrhoeal product in treatment of specific and non-specific diarrhoea.	PI	Ayurvrt Badii HP	45 thousand	Extra-mural	Completed	2014-2015
3	Alomar to evaluate its anthelmintic effect on control of internal parasites in productive	Co-PI	Virback Pvt. Limited.	85 thousands	Extra-mural	Completed	2014-15

	cross-bred animals.						
4	In vitro and in vivo evaluation for acaricidal efficacy of gochidgo herbal against Rhipicephalus (boophilus) and Hyalomma anatolicum anatolicum Microplus ticks of farm animals in western Maharashtra .	PI	Green vision life sciences Pvt. Limited Pune	2.80 lacks	Extra-mural	Completed	2023-25

3. Research Priorities:

Sr. No.	Research Area	Aim	Objective	Benefits of Farmers
1	Anti-helminthic resistance in small ruminants	Control of GI parasitism in small ruminants	To note status of anti-helminthic resistance in western Maharashtra	Helping for farmers to making deworming schedule as per status of GI parasitism
2	Acaricide resistance in Dairy cattle	Control of Tick population in organize farm	To evaluate all alternative methods for control of tick population	Helping for farmers to making the integrated parasite management(IPM) module

4. Thesis: Master:

Name of Department :				
Sr. No.	Name of the Student	Title of Thesis	Year of Completion	Name of the Advisor

1	JAYBHAYE AMOL R.	Mitochondrial DNA based detection of <i>Theileria annulata</i> and <i>Theileria orientalis</i> in cattle	2018	Dr. K.Kundu
2	BETGIRI AISHWARYA A.	Mitochondrial DNA based detection of <i>Babesia gibsoni</i> in dogs	2018	Dr. K.Kundu
3	SARAWADE VRUSHALI NAMADEO	Prevalence and molecular characterization of <i>Ehrlichia canis</i> in dogs of pune and satara districts of Maharashtra state	2021	Dr. P. D. Pawar
4	DAS NIKITA SUNIL	Prevalence of helminthic infections in zoo animals in western Maharashtra	2022	Dr. P. D. Pawar
5	TALOD SAUDESH SAHEBRAO	Detection of <i>Theileria</i> and <i>Babesia</i> spp. infection in dairy cattle using multiplex PCR	2023	Dr. P. D. Pawar
6	BELSARE BHAGYASHREE HARIHAR	<i>In-vitro</i> and <i>In-vivo</i> evaluation of herbal extracts (garlic and papaya seed extract) against <i>Rhipicephalus microplus</i> in western Maharashtra.	2024	Dr. P. D. Pawar
7	MHAISEKAR NIRJA RANJEET	<i>In-vitro</i> evaluation of herbal extract (garlic and papaya seed extract) against <i>Rhipicephalus sanguineus</i> in western Maharashtra.	2024	Dr. P. D. Pawar
8	TIDKE POHANDAS KALIDAS	Cross sectional study of Gastrointestinal parasitism in dairy cattle in western Maharashtra	2025	Dr. P. D. Pawar
9	KENDRE SATYAMURTI BALAJI	Prevalence of ecto-parasites in Blackbuck, spotted deer, leopard, tiger, elephant and sloth bear at Katraj zoo	2025	Dr. P. D. Pawar
10	DESHMUKH SHON JITENDRA	Effect of gamma radiation on reproductive potential of cattle ticks in Western Maharashtra	Ongoing	Dr. P. D. Pawar

Doctoral:

Name of Department:				
Sr. No.	Name of the Student	Title of Thesis	Year of Completion	Name of the Advisor
	Nil			

5. Research Papers Published:

Sr. No.	Authors	Year	Title of the Research Paper	Name of the Journal	Volume; Page Nos.	NAAS Rating, if any
1	Nirja Ranjeet Mhaisekar , Prashant Dhanaji Pawar, Gajanan Madhavrao Chigure	(March-	High Prevalence of	The Indian Journal of Veterinary	Volume 21	5.43

	, Vidya Gajanan Nimbalkar , Bhagyashri Harihar Belsare , Lachhman Das Singla	April 2025)	Ixodidae Ticks in Dogs Across Diverse Agro- Climatic Zones of Western Maharash tra	Sciences and Biotechnology	Issue 2	
2	Bhagyashree Harihar Belsare , Prashant Dhanaji Pawar, Gajanan Madhavrao Chigure, Prashant Patilba Mhase, Nirja Ranjeet Mhaisekar , Vitthal Shrirang Dhaygude	(Marc h- April 2025)	Assessing the Prevalenc e of Hard Ticks in Dairy Cattle Across Diverse Agro- Climatic Zones of Western Maharash tra	The Indian Journal of Veterinary Sciences and Biotechnology	Volu me 21 Issue 2	5.43
3	Raju Shelar & Prashant Pawar	2023- 24	Control of Ectoparas itics in goats by spraying of drugs	SMART training Manual	PP 67-69	Non Refe red
4	P.D.Pawar & P.P.Mhase	2032- 24	Control of Ectoparas itic infestatio n in goats	MAVIM Training Manual	PP.64 -67	Non Refe red
5	P.D.Pawar & P.P.Mhase	2023- 24	Control of Endopara sitic infestatio n in goats	MAVIM Training Manual	PP.68 -72	Non Refe red

6	Raju Shelar, Prashant Pawar & Vidya Nimbalkar	2023-24	Control of Ectoparasites in goats	MAVIM Training Manual	PP.73-76	Non Refereed
7	S.B. Bhosale, C.S. Mote, V.S. Dhaygude, B.P. Kamdi, P.D. Pawar and P.V. Mehere	2023	Prevalence and Molecular detection of Theileriosis in Sheep from Western Maharashtra.	Indian Journal of Small Ruminants	29 (2) : 322-324	5.95
8	Prashant Dhanaji Pawar, Nikita Das, P.P. Mhase, V.G. Nimbalkar, R.V. Jadhav, V.S. Dhaygude, Gavin Furtado, L.D. Singla	2024	Seasonal incidence and risk factors associated to parasitic infections in captive wild animals and birds in Indian zoos	Journal of Threatened Taxa (JoTT), 8134		5.56
9	M.D. Ramteke, P.P. Mhase, D.M. Muglikar, M.S. Budhe, U.M. Tumlam, R.P. Kolhe, S.N. Jadhav, P.D. Pawar, L.D. Singla	2024	Efficacy of Green Silver Nanoparticles (GAbNPs) against Multidrug Resistance in Staphylococcus aureus from mastitis-Infected Cows	Indian Journal of Animal Research		6.40

10	Late SS, Ambore BN, Swami SB, Pawar PD, Dhaygude VP and Jadhav S N	2023	Studies on haemato-biochemical changes in ovine theileriosis	The Pharma Innovation Journal ;	SP-12(11): 328-330	Peer Reviewed
11	Dhaygude, Vitthal, Abhijit Barate, Bhupesh Kamdi, Jayant Sukare, Divya Sabharwal, Ashish Bhagwat, Prashant Pawar, and Dushyant Muglikar.	2022	Contagious agalactia in small ruminants from Maharashtra."	<i>Indian Journal of Animal Sciences</i>	92, no. 5 (2022): 576-579.	6.40
12	Prashant Pawar, Prashant Mhase and Nikita Das	22 to 23 rd December 2021	Collection and Processing of fecal sample and skin scrapping examination	Compendium Two days training program on Field applicable Veterinary Laboratory Diagnostic Techniques.	PP 36-39	Non Referred
13	Prashant Pawar, Prashant Mhase and Nikita Das	01 to 02 Feb, 2022	Collection and Processing of fecal sample and skin scrapping examination	Compendium Two days training program on Field applicable Veterinary Laboratory Diagnostic Techniques	PP.36-39	Non Referred
14	Prashant Pawar, Prashant Mhase and Nikita Das	09 to 10 th March 2023	Collection and Processing of fecal sample and skin scrapping examination	Compendium Two days training program on Field applicable Veterinary Laboratory Diagnostic Techniques	.PP 36-39	Non Referred
15	Dhaygude V.S., P.D. Pawar., C.S. Mote, Shruti Bhosale, Jayant Sukare	22 to 23 rd December 2021	Polymerase Chain Reaction for Diagnosis of	Compendium Two days training program on Field applicable Veterinary Laboratory	PP 83-85	Non Referred

			Theileriosis/Babesiosis	Diagnostic Techniques.		
16	Dhaygude V.S.,P.D.Pawar.,C.S.Mote,S hruti Bhosale,Jayant Sukare	01 to 02 Feb, 2022	Polymerase Chain Reaction for Diagnosis of Theileriosis/Babesiosis	Compendium Two days training program on Field applicable Veterinary Laboratory Diagnostic Techniques	PP.83-85	Non Referred
17	Dhaygude V.S.,P.D.Pawar.,C.S.Mote,S hruti Bhosale,Jayant Sukare	09 to 10 th March 2023	Polymerase Chain Reaction for Diagnosis of Theileriosis/Babesiosis	Compendium Two days training program on Field applicable Veterinary Laboratory Diagnostic Techniques.	PP 83-85	Non Referred
18	Vitthal Dhaygude,Divya Sabharwal.,Jayant Sukare.,Prashant Pawar and Vishwambhar Patodkar	22 to 23 rd December 2021	Principles , Use and Handling of Automated Haematology Analyzer, Staining of Blood Smears and Diagnostic Significance of Hematological Parameters and Interpretation of Results	Compendium Two days training program on Field applicable Veterinary Laboratory Diagnostic Techniques.	PP 01-22	Non Referred
19	Vitthal Dhaygude,Divya Sabharwal.,Jayant Sukare.,Prashant Pawar and Vishwambhar Patodkar	01 to 02 Feb, 2022	Principles , Use and Handling of Automated	Compendium Two days training program on Field applicable Veterinary	PP.01-22	Non Referred

			d Haematology Analyzer, Staining of Blood Smears and Diagnostic Significance of Hematological Parameters and Interpretation of Results	Laboratory Diagnostic Techniques		
20	Vitthal Dhaygude, Divya Sabharwal., Jayant Sukare., Prashant Pawar and Vishwambhar Patodkar	09 to 10 th March 2023	Principles , Use and Handling of Automated Haematology Analyzer, Staining of Blood Smears and Diagnostic Significance of Hematological Parameters and Interpretation of Results	Compendium Two days training program on Field applicable Veterinary Laboratory Diagnostic Techniques.	PP 01-22	Non Referred
21	Abhay Machindra Kudale, Sakshi Shantanu Hiralkar, Pravin Arun Sawant, Yogita Purushottam Hulsurkar, Nikhil Rajkumar Fatate, Priya Padmakar Waghmare, Abhishek	(2023)	Generating evidence on antibiotic use across human	International Journal of One Health Available at www.onehealthjournal.org/.pdf	Vol.9/No.2/14	6.42

	Prakash Randive, Mugdha Sharad Phutane, Prashant Pawar and Prashant Mhase		and animal health sectors using the world Health Organizations Access, Watch, Reserve (AWaRe) classification: Exploratory pilot study in rural Pune, India			
22	Nikita Das, P.D. Pawar, P.P. Mhase, Vrushali Sarawade, V.S. Dhaygude, Hemant Kumar, L. D. Singla	(2021)	First Case of Dirofilaria immitis in a Dog From Goa, India	<i>Ind J Vet Sci and Biotech</i>		5.38
23	V.N. Sarawade, P.D. Pawar, P.P. Mhase, C.S. Mote, B. N. Ambore, K. Kundu, V.G. Nimbalkar, V.S. Dhaygude, N.S. Das, L. D. Singla		Prevalence Risk Factor Analysis and Molecular Characterization of Canine Monocytic Ehrlichiosis in Maharashtra	Indian Journal of Animal Research.		6.40
24	Bhupesh Kamdi, Vitthal Dhaygude, Krishnendu Kundu, Prashant Pawar and Divya Sabarwal	December 2020	Occurrence and Pathology of Syngamus trachea	Indian Veterinary Journal :	97 (12) – pages 34 to 37	4.99

			in a Flock of Native Chicken (Gallus gallus domesticus) Reared in the Backyard			
25	Dr Vitthal Dhaygude, Dr Bhupesh Kamdi, Dr Divya Sabarwal Dr, Shruti Mehendale. Dr. Mugdha Jog Dr. Dixit Kumar Dhankar Dr Prashant Pawar		Pathology of Rare mixed infection of Tetrameres spp and Eimeria tenella in Deshi Chicken in Maharashtra State	The Indian Veterinary Journal	98 (1), 28-31	4.99
26	Pandey, A. K.; Muglikar, D. M.; Mhase, P. P.; Pawade, M. M.; Daphal, S. N.; Pawar, P. D.	Mar 2020	F Gene and N Gene based Reverse Transcription PCR for Molecular Characterization of Peste des Petits Ruminants Virus.	Indian Journal of Animal Research.	Vol. 54 Issue 3, 300-304.	6.40
27	Vanjari A.D., P.P. Mhase, A.K. Barate, M.S. Budhe, U.M. Tumlam, P.D. Pawar and D.M. Muglikar	February 2022	Molecular Detection of <i>Mycoplasma gallisepticum</i> in Broiler Chicken Farms of Satara and Pune	Journal of Animal Research:	v.12 n.1, p. 35-38	5.43

			Districts of Maharashtra.			
28	D.N. Kakde, P.P. Mhase, S.B. Majee, V. Mageshwaran, V.D. Lonkar, A.S. Bannaliker, P.D. Pawar and M.M. Pawade.	(June, 2020)	Effect of feeding solid state fermented cotton seed cake on growth performance of broilers.	Haryana Vet.	59(1): 1-5.	5.58
29	Mhase PP, Ramteke MD, Budhe MS, Tumlam UM, Muglikar DM, Urkude PP & Pawar PD	2022;	Predatory Bdellovibrio bacteria: Novel biological approach against antimicrobial resistance	The Pharma Innovation Journal,	11(5) 1548-1553 ISSN: 2349-8242	Peer Reviewed
30	S.S.Shinde, B.N.Ambore, P.D.Pawar, S.B.Swami,G.D.Wankhede and C.S.Mote.,		Diagnosis of <i>Babesia gibsoni</i> in dogs by Molecular and Microscopy Technique.	International Journal of Current Microbiology and Applied Sciences	10 (2): 2285-2290	5.38
31	PrashantPawar, M.W.Khasnis, N.K Nighot, Ajay Deshmukh, V.G Nimbalkar, L.D Singla,		Parasitological surveillance and successful treatment of gastrointestinal	Indian. J. Anim. Res. B Print	ISSN:0 367-6722 / Online ISSN:0 976-0555 3842 (1-5)	6.44

			parasites of captive wild animals with albendazole in a zoological collection .			
3 2	Amol Jaybhaye ,KrishenduKundu., Yogesh Jadhav and Prashant Pawar.	2019	Therapeutic Management of concomitant <i>Theileiarioientalis</i> and <i>Babesiabovis</i> infection in a crossbred Jersay cow	Journal of Veterinary Parasitology	33 (2) 43-46.	4.80
3 4	Prashant Pawar, Lachman D.Singla, Paramjit Kaur, Mandeep S.Bal, Mohamad Javed.		Evaluation and Correlation of Multiple Anthelmintic Resistances to Gastrointestinal Nematodes Using Different Fecal Egg Count Reduction Methods in Small Ruminants of Punjab, India	Springer, ActaParasitologica https://doi.org/10.2478/s	11686-019-0083-	7.04 Impact factor 1.050

35	Aishwariya A. Betgiri, Sameer N Jhadav, Mrunali Pawde, Anurakh Shukhala, Chandrashekar Mote, Prashant Pawar, K. Kundu	(2019)	Mitochondrial cytochrome oxidase C subunit III (cox3) gene as a sensitive and specific target for molecular detection of Babesia infection in Dogs	ELSEVIER Experimental Parasitology	206107771	7.82 Impact factor 1.825
36	PD Pawar, LD Singla, Paramjit Kaur, MS Bal and BS Sandhu	December 2019	I and histopathological observations in gastrointestinal helminths in goats	Ruminant Science	Vol.8, (2) pp 227-232	5.00
37	Bhupesh Kamdi, Vitthal Dhaygude, Krishnendu Kundu, Prashant Pawar and Divya Sabarwal	2022	Occurrence and Pathology of <i>Syngamus trachea</i> in a Flock of Native Chicken (<i>Gallus gallus domesticus</i>) Reared in the Backyard	The Indian Veterinary Journal	97 (12), 34-37	4.99
38	Dr Vitthal Dhaygude, Dr Bhupesh Kamdi, Dr Divya Sabarwal, Dr. Shruti Mehendale, Dr. Mugdha Jog, Dr. Dixit Kumar Dhankar, Dr Prashant Pawar		Pathology of Rare mixed infection of <i>Tetramer</i>	The Indian Veterinary Journal	98 (1), 28-31	4.99

			es spp and <i>Eimeria tenella</i> in Deshi Chicken in Maharashtra State Maharashtra State			
39	V.S.Dhaygude,P.D.Pawar,N .P.Surwade, S.B.Swami V.B.Radkar	(2016)	<i>Hepatozo on canis</i> infection in a Non-Descript Dog: Clinical and Haematobiochemical Study	Journal Bombay Veterinary college	23(1): 56-57	Peer Reviewed
40	Pratibha U.Kore,Rahul P.Kolhe,Padmakar D.Deshpande,Chandrakant D.Bhong,Samir N.Jadhav,Avinash B.Nagargoje,Urmila V.Jagtap,Chandrakant V.Dhandore,Uma M.Tumlam.Prashant D.Pawar and Madhav W.Khasnis		Prevalence of antimicrobial resistant Aeromonas in chicken and fish washings	African Journal of Microbiology Research		6.4
41	Paramjit Kaur,L.D.Singla, Ekta Singh and Prashant Pawar.	(December 2015)	Anthelmintic Resistance Menace in Small Ruminants solutions to this Emerging issue	Punjab Veterinary Journal :	81-85.	Peer Reviewed
42	Pawar P.D.,V.S.Deshpande.,V.D.Pawar	(2001)	Age wise and Sexwise Cestode infestation in Small	Journal Bombay Veterinary College,	9 (1&2) :27-29	Peer Reviewed

			Ruminant s			
4 3	Pawar P.D., V.S. Deshpande., V.D. Pawar	(2001)	irrence ezia sa (having row of oglottid in small nts.	Journal Bombay Veterinary College	27- 29.	Peer Review ed
4 4	M.W. Khasnis., M.D. Kulkarni., P.D. Pawar., S.R. Sawant., G.B. Yadav.	April 2010	Canine Ehrlichiosis.	Pashudhan	Vol.3 6/Issue 04 .	Not Ref erred

List of Marathi and Popular articles published:

Sr. No	Authors	Year	Title	Name of the Journal/Magazine	Volume: Page Nos.
1	Dr. P. D. Pawar	22 December 2008	Dhudal Janvarantil Surra	Agro-one,	3-4
2	Dr. P. D. Pawar	10 December 2008	Shelya- Mendhyamadhil Pattakrumi (Co-Author)	Agro-one,	3-4
3	Dr. P. D. Pawar	18 November 2008	Janwaranchya Pittanalitil Paropjeevi (Co-Author)	Agro-one,	3-4
4	Dr. P. D. Pawar	22 January 2008	Kitaknashak effects on Jenawarcha Prajananwar Honara Parinam (co-Author)	Agro-one,	3-4
5	Dr. P. D. Pawar	20 April 2009	Kombadmadhil Viral Rog	Agro-one,	3-4
7	Dr. P. D. Pawar	14 February 2009	Janwarantil Yakruith Rog (Co- Author)	Agro-one,	3-4
8	Dr. P. D. Pawar	24 th July 2009	Brooding : Lahan pillansathi Awashyaka	Agro-one,	3-4
9	Dr. P. D. Pawar	28 th July 2009	All India Radio Talk Pune (shelya-mendhyamadhil paropjivi)	Agro-one	3-4
10	Dr. P. D. Pawar	27 November 2009	Management of Layer Birds	Agro-one,	3-4
11	Dr. P. D. Pawar	Feb. 2009	Deshi Kukutaplan	Godwa,	

12	Dr. P. D. Pawar	Feb.2009	Parasthli Kombadi Palan	Godwa,	
13	Dr. P. D. Pawar	Jan. 2009	Dudhwaasy Eka Faydashrvase (Co Author)	Godwa,	
14	Dr. P. D. Pawar	April 2010	Canine Ehrlichiosis (Co-Author)	Pashudhan,	
15	Dr. P. D. Pawar	18 May 2010	Gochid Control (Co Author)	Agro-one,	3-4
16	Dr. P. D. Pawar	2 nd March 2011	Grower Management	Agro-one	3-4
17	Dr. P. D. Pawar	2011	Heat Stork in Animals	Shetkari	
18	Dr. P. D. Pawar	August 2010	Animal Vaccination	Godwa,	
19	Dr. P. D. Pawar	March 2020	Tick control	Agrowan	3-4
20	Dr. P. D. Pawar	2020	Poultry biosecurity	Agrowan	3-4

6. Research Recommendations

Sr. No.	01
Year	2018-19
Project Title	Recommendations of the 18 th JASRC
Investigators	Dr P.D.Pawar
Recommendations	Control measures of dog flea in black buck in Katraj Zoo
Sr. No.	02
Year	2022-23
Project Title	Recommendations of the 21 st JASRC
Investigators	Dr P.D.Pawar
Recommendations	Detection of <i>Theileria</i> and <i>Babesia</i> spp .infection in Dairy Cattle using Multiplex PCR.

7. MOU signed by the Colleges

Sr. No.	MOUS Between	Date of signing	Place	Duration
	Party – 1 & Party - II			
1	KNPCVS Shirwal & BARC Mumbai	2023	Mumbai	Two years
2	KNPCVS Shirwal& SI Pune	2022	Pune	One year.

8. Research Priorities / Thematic areas: Department Wise

Department of Veterinary Parasitology KNPCVS Shirwal.

1. Mapping of Gastrointestinal Parasitism in Domestic Animals in Western Maharashtra.

2. Alternative approach for control of tick population in dairy cattle.

9. Significant Research Achievement:

Sr. No.	Achievements	Description
1	Patents Awarded	Two yaers project with ICAR NIHSAD Bhopal (27 lacks)
2	Breed Registration	
3	IPR	
4	Copyright	
5	Trademark	