

Department of Veterinary Epidemiology and Preventive Medicine

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/On going)	Duration
1	Evaluation of herbal formulations in treatment of Bovine Ephemeral Fever	Dr, S. S. Ghoke (Co-PI)	NIF, Ahmedabad	9 Lakhs	Extra Mural	Completed	3 Years
2	Rapid Disease diagnostic cell for small ruminants	Dr, S. S. Ghoke (Co-PI)	RKVY	189 Lakhs	Extra Mural	Completed	3 Years
3	Therapeutic efficacy of Polyhexamethyleneguanidine as an intrauterine infusion for treatment of reproductive disorders in bovines	Dr, S. S. Ghoke (Co-PI)	Bios Agricorp, Mumbai	1.6 Lakhs	Extra Mural	Completed	1 Years

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	Efficacy of oral inorganic phosphorous preparation in management of Osteomalacia in buffaloes and Pica in bovines	Dr, S. S. Ghoke (Co-PI)	Rakesh Pharmaceuticals, Kalol	1.05 Lakhs	Extra Mural	Completed	2 Years
2	Efficacy of herbo-mineral formulations (Pre-	Dr, S. S. Ghoke (Co-PI)	Rakesh Pharmaceuticals, Kalol	1.05 Lakhs	Extra Mural	Completed	2 Years

	Mast) in prevention and treatment of subclinical mastitis in crossbred cows						
3	Efficacy of polyherbal spray (vetomax) against Dermatocycosis in cattle	Dr, S. S. Ghoke (Co-PI)	Rakesh Pharmaceuticals, Kalol	1.05 Lakhs	Extra Mural	Completed	2 Years

3. Research Priorities:

Sr. No.	Research Area	Aim	Objective	Benefits of Farmers
1	Infectious diseases of Equine	To know the different infections viz: Bacterial, Viral, Protozoal and Fungal observed in the equines presented to VCC	- Appraisal of the infectious diseases - Diagnosis and therapeutic management of infectious diseases	Data emanating from different epidemiological studies will be helpful in forecasting and controlling the infectious origin diseases
2	Infectious diseases of Canine	To know the different infections viz: Bacterial, Viral, Protozoal and Fungal observed in the equines presented to VCC	- Appraisal of the infectious diseases - Diagnosis and therapeutic management of infectious diseases	Data emanating from different epidemiological studies will be helpful in forecasting and controlling the infectious origin diseases

4. Thesis:

Master:

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

Name of Department:				
Sr. No.	Name of the Student	Title of Thesis	Year of Completion	Name of the Advisor
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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.	NAA S Rating, if any
1	S. S. Ghoke and K. S. Thorat	2025	Management of scorpion envenomation in a Pomeranian bitch.	Intas Polivet	25(I):156-157	4.49
2	S. S. Ghoke and S. S. Pitlawar	2025	Management of Intestinal Coccidiosis in Equine	Intas Polivet	25(II):302-303	4.49
3	Swami, G.B., Pitlawar, S. S., Suryawanshi, R. V., Gaikwad, N. Z., Ghoke, S. S., Chavhan, S. G., Ghule, P. M. and Supreetkumar	2024	Radiological evaluation of potential thoracic foreign bodies and its surgical management in cattle	International Journal of Advanced Biochemistry Research	SP-8(11)-789-797	5.29
4	S. S. Ghoke, S. P. Awandkar and S. M. Agivale	2024	Management of <i>Staphylococcal</i> folliculitis with an underlying <i>Sarcoptes spp</i> infection in a Kathiawari horse	Veterinary Practitioner,	25(2): 159-161	4.86
5	S. S. Ghoke and K. S. Thorat	2024	Therapeutic evaluation of orbifloxacin orally in gastrointestinal infection in ruminants	Intas Polivet	25(I):51-53	4.49
6	S. S. Ghoke and	2023	Therapeutic efficacy of	Intas Polivet	24(I):14-16	4.49

	K. S. Thorat		Doramectin as a endectocide in large and small ruminants			
7	S. S. Ghoke, S. P. Awandkar and S. S. Pitlawar	2022	Management of purpura hemorrhagica in <i>Streptococcus equi</i> affected horses	Veterinary Practitioner	23(2):327-330	4.86
8	R. K. Jadhav, S. S. Ghoke, A. Mohan, N. Kushwaha and A. U. Bhikane.	2022	Colostrum feeding induced alkaline indigestion syndrome in riverine buffaloes-clinical assessment and therapeutic management	Buffalo Bulletin	41(1):63-72	6.20
9	P. V. Patil, M. O. Dhage, V. M. Salunke and S. S. Ghoke.	2022	Performance and Economics of goat production in confinement on feeding soya deoiled cake and groundnut cake based concentrate mixture	International Journal of Bio-resource and Stress Management	13 (11): AR3250	5.40
10	P.V. Patil, M. K. Patil and S. S. Ghoke .	2022	Effect of supplementati on of rumen bypass fat on live body weight, milk yield, milk composition and body condition score of graded Murrah buffaloes	Asian Journal of Dairy and Food Research	DR-1910 (1-4)	5.44
11	Sood, Richa, Naveen Kumar, Ghoke, S. S., Bhat Sushant, <i>et al.,.</i>	2021	Identification and molecular characterizati on of H9N2 viruses carrying multiple mammalian	Infection, Genetics and Immunity	https://doi.org/10.1016/j.meegid.2021.105005	9.20

			adaptation markers in resident birds in central-western wetlands in India.			
12	Abdul K. N. M., Chaudhari K. S., Pitlawar, S. S., Ghoke, S. S., Agivale, S. M. and Borakhede, S. S.	2021	Evaluation of ketamine-guaifenesin and sevoflurane for maintenance of anaesthesia in buffaloes undergoing diaphragmatic herniorrhaphy	The Pharma Innovation Journal	SP-10(11):1000-1003.	--
13	S. S. Ghoke and K. S. Thorat	2021	Diagnosis and Management of Dysbiosis induced Enteritis in Rabbit.	Intas Polivet	22(I):4-5	4.49
14	S. S. Ghoke, A. U. Bhikane and R. K. Jadhav	2020	Clinico-therapeutic management of osteomalacia in Marathwadi buffaloes	Intas Polivet	21(II): 413-415	4.49
15	S. S. Ghoke and K. S. Thorat	2020	Evaluating the role of ascorbic acid in Canine Distemper management in infected dogs	Intas Polivet	21(II):488-490	4.49
16	S. S. Ghoke and K. S. Thorat.,	2020	Evaluating benefit of nutritional management in Canine Pruritic Dermatitis	Intas Polivet	21(II):478-479	4.49
17	S. P. Awandkar, M. B. Kulkarni and S. S. Ghoke	2020	Direct fed microbial in dairy animals		21(II):327-332	4.49
18	P. V. Patil, V. M. Salunke, M. K. Patil, S. S. Ghoke	2019	Effect of supplementation of glucogenic precursors	International Journal of Chemical Studies	7(2): 1883-1884	5.31

	and P. P. Devkatte		with b-complex vitamins and minerals on milk yield and milk compositions of Deoni cows			
19	S. P. Awandkar, S. S. Ghoke, S. M. Agivale and M. B. Kulkarni	2019	Equine Paratyphoid and its management in a Kathiawari Horse	Intas Polivet	20 (II): 395-396	
20	S. S. Ghoke and K. S. Thorat	2019	Clinico-therapeutic management of Gastrodiscosis in 2 horse patients	Intas Polivet	20 (II): 245-246	4.49
21	S. S. Ghoke and K. S. Thorat	2019	Clinico-therapeutic management of Ascariasis in horses	Intas Polivet	20 (II):235-236	4.49
22	A.U. Bhikane, A.M. Syed, R. M. Shinde, P. S. Masare and S. S. Ghoke	2019	Evaluation of therapeutic efficacy of cefquinome in clinical mastitis in bovine	Intas Polivet	19(I): 36-37	4.49
23	S. S. Ghoke, R. Sood, N. Kumar, A. K. Pateriya, S. Bhatia, A. Mishra, R. Dixit, V. K. Singh, D. N. Desai, D. D. Kulkarni, U. Dimri and V. P. Singh	2019	Evaluation of antiviral activity of <i>Ocimum sanctum</i> and <i>Acacia arabica</i> leaves extracts against H9N2 virus using embryonated chicken egg model	BMC Complement ary and Alternative Medicine	18/174, doi.org/10.1186/s12906-018-2238-1	9.90
24	S. P. Awandkar, S. S. Ghoke and B. S. Naikwade	2018	Evaluation of bacterial shed in faeces of healthy zoo animals-a pilot study	Intas Polivet	19(II): 387-389	4.49
25	A. G. Bhanuprakash, S. S.	2017	Clinico-therapeutic management	Intas Polivet	18(I): 117-119	4.49

	Ghoke, K. B. Mandal and K. S. Thorat		of Canine Atopic Dermatitis (CAD)			
26	S. S. Ghoke, Vikas Kumar Singh, R. Raghuvaran and K. S. Thorat	2017	Therapeutic and persistent efficacy of Long Acting Ivermectin against tick infestation in Cattle	Intas Polivet	18(I): 78-80	4.49
27	A.S. Lengare, A. U. Bhikane, S. S. Ghoke and A. M Syed	2016	Epidemiological, etiological and clinic-therapeutic investigations on Pica in Cattle	Ruminant Science	5(I): 73-80	4.45
28	A. U. Bhikane, C. S. Jaybhaye, A. M. Syed, A. V. Bhonsle, S. S. Ghoke and P. S. Masare	2015	Epidemiological investigations on Dermatomycosis in Cattle with special reference to Polyherbal therapy	International Journal of Veterinary Science	4(2): 92-96	5.36
29	K. D. Mandal, A. G. Bhanuprakash and S. S. Ghoke	2015	Clinico-therapeutic management of Equine Distemper	Intas Polivet	16(II): 394-396	4.49
30	A. M. Syed, A. U. Bhikane, P. S. Masare, S. S. Ghoke and S. D. Moregaonkar	2014	Epidemiological studies and chemotherapeutic evaluation against Theileriosis in Cattle	Veterinary Practitioner	15(2): 314-315	4.86
31	S. S. Ghoke, A. U. Bhikane and K. B. Awaz	2013	Therapeutic efficacy of Eprinomectin pour on against tick infestation- a report of 24 bovines	Intas Polivet	14(I): 72-73	4.49
32	S. S. Ghoke, K. M. Jadhav and K. S. Thorat	2013	Assessing the osmotic fragility of erythrocytes of rural and semi-urban Camels	Camel: International Journal of Veterinary Science	1(1): 75-78	--

			(<i>Camelus dromedaries</i>)			
33	S. S. Ghoke , A. U. Bhikane and P. S. Masare	2013	Therapeutic management of Colic due to verminous load in Horse- A Case report	Veterinary Practitioner	14(1): 64	4.86
34	S. S. Ghoke , K.M. Jadhav and K. S. Thorat	2012	Ethno-veterinary practices in Camels (<i>Camelus dromedaries</i>) of North Gujarat	Journal of Camel Practice and Research	19(1): 1-2	4.00
35	A. S. Lengare, A. U. Bhikane, S. S. Ghoke and K. B. Awaz	2012	Pica in buffaloes with special reference to its etiology and treatment	Intas Polivet	13(I): 62-66	4.49
36	S. S. Ghoke , K. S. Thorat and P. B. Hase	2012	Clinical management of Rickets in 15 canine patients	Intas Polivet	13(II): 357-358	4.49
37	U. B. Kumbhar, Kanchan Thorat, S. S. Ghoke and K. S. Chaudhary	2012	Management of delayed puberty in Marathwadi buffalo heifers with special reference to metabolite and haematological profile.	Indian Journal of Animal Science	82(2): 174-175	6.40
38	Kanchan Thorat, A. D. Patil, U. B. Kumbhar and S. S. Ghoke	2012	Improving fertility in postpartum Marathwadi anoestrus buffaloes using Ovsynch and selectsynch protocol	Indian Journal of Animal Reproduction	33(2): 58-59	4.13
39	S. S. Ghoke , B. S. Naikwade, M. P. Sakhare, K. B. Awaz and A. U. Bhikane	2012	A Preliminary survey of gastrointestinal parasitism in captive herbivore of <i>Sidhhartha</i> Municipal Zoo, Aurangabad	Zoo's Print	XXVII (12): 21	--
40	S. S. Ghoke , B.	2012	Incidence of helminthic	Zoo Print	XXVII (3): 25-26	--

	S. Naikwade, K. S. Thorat, N. K. Jogdand and P. S. Kalaskar		infection in captive carnivore of <i>Sidhhartha</i> Municipal Zoo, Aurangabad, Maharashtra,			
41	P. S. Masare, S. S. Ghoke and K. S. Thorat	2011	Therapeutic management of colic in a Red Kandhari bullock	Intas Polivet	12(I): 41	4.49
42	S. S. Ghoke, K. S. Thorat and P. S. Masare	2011	Rodenticide poisoning in a Pomeranian dog and its therapeutic management	Intas Polivet	12(II): 223-224	4.49
43	A. U. Bhikane, S. S. Ghoke, P. S. Masare, V. M. Salunke and A. M. Syed	2011	A new approach in clinical management of Phosphorous deficiency haemoglobinuria (PDH) in buffaloes	Intas Polivet	12(II): 56-58	4.49
44	A.U. Bhikane, P. B. Hase, A. M. Syed, S. S. Ghoke, A. A. Devangare and S. P. Awandkar	2011	Efficacy of Herbo-mineral formulations in subclinical mastitis in crossbred cows	Indian Veterinary Journal	88(10): 171-172	4.99
45	A.U. Bhikane, S. S. Ghoke, P. S. Masare, A. M. Syed and K. B. Awaz	2010	Clinical assessment and treatment schedule for hepatitis in bovines-A clinical study	Intas Polivet	11(II): 241-243	4.49
46	S. S. Ghoke, K. M. Jadhav, H. R. Parsani and R. R. Momin	2010	Endoparasitic infestation in Camels (<i>Camelus dromedaries</i>) of North Gujarat	Journal of Camel Practice and Research	17(1): 41-42	4.00
47	A.U. Bhikane, S. P. Awandkar, P. B. Hase, A. M. Syed, S. S.	2010	Prevalence, etiology and antibiogram of subclinical mastitis in crossbred cows	Veterinary Practitioner	11(2): 122-123	4.86

	Ghoke and K. B. Awaz					
48	P. S. Masare, A. U. Bhikane, A. M. Syed, S. S. Ghoke and K. B. Awaz	2009	Epidemiological and clinic-therapeutic studies of Theileriosis in calves	Intas Polivet	10(II): 289-292	4.49
49	S. S. Ghoke, A. M. Syed, M. P. Sakhare, P. S. Masare and K. B. Awaz	2009	Coccidiosis in a Red Kandhari calf- A case report	Intas Polivet	10(II): 216-217	4.49
50	S. S. Ghoke, K. M. Jadhav and M. Pal	2006	Dermatomyco- sis in Indian dromedary (<i>Camelus dromedaries</i>) caused by <i>Trichophyton verrucosum</i>	Journal of Camel Practice and Research	13(1): 59-60	4.00

List of Marathi and Popular articles published:

Sr. No.	Authors	Year	Title	Name of the journal/Magazine	Volume: Page Nos.
1	S. S. Ghoke and S. S. Pitlawar	2023	Guidelines for performing anaesthesia in Veterinary Practice	Souvenir Technical Seminar on World Anaesthesia Day	pp:01-03
2	S.S. Ghoke	2022	The Hippiatrics: Shalihotra Hayagosha	Souvenir Technical Seminar on World Veterinary Day	pp: 03-04
3	S.S. Ghoke	2022	The Broad Street Pump, Soho, London: John Snow	Souvenir Technical Seminar on World Veterinary Day	pp: 08-10
4	S.S. Ghoke	2022	Triumph always begins with you: Sakkubai Ramchandran	Souvenir Technical Seminar on World Veterinary Day	pp: 18
5	S. S. Ghoke, S. S. Pitlawar, U. B. Kumbhar, S. M. Agivale and K. S. Thorat	2019	Veterinary vaccines and their importance to animal and human health	Souvenir Technical Seminar on Value of Vaccination on World Veterinary Day	pp:6-8
6	S. S. Ghoke, N. V. Khode and K. S. Thorat	2019	Trends in vaccine and vaccine research	Souvenir Technical Seminar on Value of Vaccination on World Veterinary Day	pp:23-27

7	S. S. Ghoke , A. U. Bhikane, K. S. Thorat and R. R. Mugale	2018	One Health: the Theme, Concept and initiative	Souvenir Technical Seminar on One Health	pp:1-3
8	S. S. Ghoke , A. U. Bhikane, K. S. Thorat and R. R. Mugale	2018	One Health concept: Bringing trans-disciplinary approach for surveillance of zoonotic diseases	Souvenir Technical Seminar on One Health	pp:22-26
9	Anand Mohan, A. U. Bhikane, S. S. Ghoke , Neelam Kushwah and R. R. Mugale	2018	Zika Virus: An emerging disease	Souvenir Technical Seminar on One Health	pp:43-47
10	S. S. Ghoke , A. U. Bhikane, P. V. Patil, A. Mohan and K. S. Thorat	2017	'One Health' approach for control of Rabies in India	Souvenir Technical Seminar on Rabies	pp:20-23
11	S. S. Ghoke	2017	Frequently asked questions on Rabies	Souvenir Technical Seminar on Rabies	pp: 24-27
12	A.U. Bhikane and S. S. Ghoke	2011	Animal Health policies vis-a-vis Climate change	Manual of Model Training Programme on Climate change	pp-40-43
13	S. S. Ghoke and K. S. Thorat	2010	Some aspects of reproductive health in wild/captive animals and problems related with them	Refresher Training programme on Artificial Insemination	pp: 51-52
14	A.U. Bhikane, S. S. Ghoke and P. B. Hase	2009	Health control measures for improvement of reproductive performances in dairy cows and buffaloes	Refresher Training programme on Artificial Insemination	pp: 10-11
15	A.U. Bhikane, S. S. Ghoke and P. B. Hase	2008	Laboratory animal disease, diagnosis, treatment and prevention	Short Term Training on Management and Basic Techniques in Laboratory animal experimentation	pp: 13-14
16	S. S. Ghoke and K. S. Thorat	2023	शेळ्यांतील लसीकरण (वेळापत्रक, वाहतूक व साठवणूक)	MAVIM Training	Pp:90-92
17	S. S. Ghoke and K. S. Thorat	2023	शेळीपालनाकरिता लसीकरण वेळापत्रक व औषधी देण्याचे व वध मार्ग	SMART Training	--
18	S. S. Ghoke and K. S. Thorat	2022	निरोगी श्वानांची त्रिसूत्री लसीकरण जंतनाशन व बाह्यपरोपजीवी नियंत्रण	<i>Smaranika, Shwan Pradarshan</i>	pp:15-17
19	S. S. Ghoke and K. S. Thorat	2022	श्वानातील संसर्गजन्य कोरोना आंत्रदाह आजार एक रूपरेखा	<i>Smaranika, Shwan Pradarshan</i>	pp:22-23
20	S. S. Ghoke , Khode N. V.,	2019	<i>Nirogi Shwnachi trisutri</i>	<i>Smaranika, Shwan Pradarshan aani Margdarshan</i>	pp: 9-11

	Thorat, Kanchan and Anand Mohan				
21	A.U. Bhikane and S. S. Ghoke	2011	<i>Dudhal janawarantil rogpratibandhatmak upay</i>	Vasundhara	pp:26-29
22	P. B. Hase and S. S. Ghoke	2011	<i>Dubhtya godhanache vyaasthapan</i>	Godwa	pp: 38-40
23	A.U. Bhikane, P. B. Hase and S. S. Ghoke	2010	<i>Deoni janawarantil rogpratibandhatmak upay</i>	One Day Workshop on Conservation of <i>Deoni</i> Breed: Challenges and Opportunities, COVAS, Udgir	pp:32-33
24	S. S. Ghoke , M. P. Sakhare and K. B. Awaz	2009	<i>Shwanatil mahatwache sansargjanya aajar va upay</i>	<i>Shwaan Pradarshan</i>	pp: 15-16
25	P. B. Hase and S. S. Ghoke	2008	<i>Dubhtya godhanache vyaasthapan</i>	Agro One	pp: 8

6. Research Recommendations

Sr. No.	--
Year	--
Project Title	--
Investigators	--
Recommendations	--

7. MOU signed by the Colleges

Sr. No.	MOUS Between	Date of signing	Place	Duration
	Party – 1 & Party - II			
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8. Research Priorities / Thematic areas:

- Infectious diseases in Equine and Canine
- Appraisal and Diagnosis of different diseases of equine and canine presented to VCC, Udgir.

9. Significant Research Achievement:

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