

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.	Animal Birth control program in collaboration with Akola municipal corporation as Co-PI	Dr. S. D. Chepte (Co-PI)	Akola Municipal Corporation, Akola	-	Extramural		
	Co-PI of RKVY project entitled "Strengthening and Modernization of Teaching Veterinary Clinical Complex, Diagnostic Laboratory and Establishment of Training Centre at College of Veterinary and Animal Sciences, Parbhani"	Dr. S. D. Chepte (Co-PI)	Rashtryia Krishi Vikas Yogna	Rs. 459.45 Lakh	Extramural	Completed	5 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
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3. Research Priorities:

Sr. No.	Research Area	Aim	Objective	Benefits of Farmers
1	Optimization of anaesthetic protocols for small & large animals.	To develop easy to use and cost effective anaesthetic protocol	1. Imparting training and Hands on practice to undergraduate students and post-graduate students, 2. Offering clinical service in the form of diagnosis and expert treatment to the ailing animals in clinics, 3. Guidance to the field veterinarian as referral center	1. Cost effective and best line of treatment
2	Diagnosis and Surgical Management of Forestomach Affection in Ruminants	To provide Prompt diagnosis and best surgical line of treatment	1. Imparting training and Hands on practice to undergraduate students and post-graduate students, 2. Offering clinical service in the form of diagnosis and expert treatment to the ailing animals in clinics, 3. Guidance to the field veterinarian as referral center	1. Cost effective and best line of treatment

3	Large and Small Animal Soft Tissue Surgery	Diagnosis and surgical correction of soft tissue affections	1. Imparting training and Hands on practice to undergraduate students and post-graduate students, 2. Offering clinical service in the form of diagnosis and expert treatment to the ailing animals in clinics, 3. Guidance to the field veterinarian as referral center	1. Cost effective and best line of treatment
4	Large and Small Animal Orthopaedic Surgery	Diagnosis and surgical correction of Musculo-skeletal system	1. Imparting training and Hands on practice to undergraduate students and post-graduate students, 2. Offering clinical service in the form of diagnosis and expert treatment to the ailing animals in clinics, 3. Guidance to the field veterinarian as referral center	1. Cost effective and best line of treatment

4. Thesis:

Master:

Name of Department : Veterinary Surgery and Radiology				
Sr. No.	Name of the Student	Title of Thesis	Year of Completion	Name of the Advisor
1.	Lele, C.M.	Evaluation of xylazine as an anaesthetic agent in combination with certain preanaesthetic drug in dogs	1983	Dr. A.P. Bhokre
2.	Kulkarni, P.M.	Experimental studies on repair of urinary bladder in buffalo calves	1983	Dr. A.P. Bhokre
3.	Athwale, M.N.	Experimental studies on peritonitis with special reference to antiadhesive agent in buffalo-calves	1987	Dr. A.P. Bhokre
4.	Jadhav, P.T.	Experimental studies on Uroperitoneum and its treatment in buffalo-calves	1987	Dr. A.P. Bhokre
5.	Ashturkar, R.W.	Experimental studies on transplantation of induced diaphragmatic defect in buffalo-calves	1988	Dr. A.P. Bhokre
6.	Aher, V.D.	Affections of teat and mammary gland in bovine and caprine and its surgical repair	1989	Dr. A.P. Bhokre

7.	Jawalikar, S.K.	Clinical studies on diaphragmatic hernia in bovine in Marathwada region	1989	Dr. A.P. Bhokre
8.	Bhume, R.I.	Bovine ocular squamous cell carcinoma with special reference to different therapies	1990	Dr. A.P. Bhokre
9.	Dadke, R.S.	Cataract in bovine (An experimental and clinical study)	1990	Dr.V.S.Panchbhai
10.	Jahagirdar, V.D.	Squamous cell carcinoma of horn with particular reference to autogenous vaccination in bovine	1990	Dr. A.P. Bhokre
11.	More, D.B.	Experimental and clinical evaluation of diazepam, xylazine and ketamine anaesthesia in	1991	Dr. A.P. Bhokre
12.	Lathakar, L.G.	Standardization of exposure fractures for radiological examination in bovine	1991	Dr. A.P. Bhokre
13.	Jagtap, S.T.	A comparative evaluation of techniques of paravertebral nerve block in bovine with reference to potentiation and prolongation of local analgesia	1992	Dr.V.S.Panchbhai
14.	Salunke, V.M.	Studies on wound healing in bovines A	1993	Dr.V.S.Panchbhai

		c'linical and experimental study		
15.	Miss Dattagupta, B.N.	Predictive value of certain diagnosis stic tests in bovine TRP with special reference to Trypsin-Inhibitoactivity	1994	Dr.V.S.Panchbhai
16.	Mugalikar, V.V.	Experimental and clinical evaluation of pentazocine lactate as an pre-anaesthetic prior to xylazone and ketamine anaesthesia in bovine	1994	Dr. L.B. Sarkate
17.	Shinde, S.R.	Evaluation of horn peg for the treatment of femoral fracture in dogs	1994	Dr. L.B. Sarkate
18.	Shelke K. G.	Studies on experimentally induced intestinal obstruction in Buffalo calves	1994	Dr. V. S. Panchbhai
19.	Deshpande V.S.	Preliminary studies on yohimbene for the reversal of xylazine induced sedation, narcosis and anaesthesia in bovines	1995	Dr. L. B. Sarkate
20.	Padile, R.D.	Studies on treatment of veneral granuloma with special reference to autogenous vaccineand chemothrapeutic agent in canines.	1996	Dr.V.S.Panchbhai
21.	Ghote S.S.	Comparitive efficacy of mepivacaine HCL with	1996	Dr. A.P. Bhokre

		lignocaine HCL in certain regional nerve block in bovines		
22.	Kare, B.S.	Comparative study on healing of diaphragmatic hernia using autogenous peritoneous and periosteal graft in buffalo calves	1996	Dr. L.B. Sarkate
23.	Yadav, G.U.	Experimental and clinical evaluation of diazepam and detomidine anaesthesia in bovines	1997	Dr. V.D. Aher
24.	Kale, B.W.	A clinical study on yoke gall with special reference to surgical management	1997	Dr. A.P. Bhokre
25.	Narale, N.L.	Clinical studies on repair of diaphragmatic hernia in bovines in western Maharashtra region	1998	Dr. A.P. Bhokre
26.	Deshmukh, S.P.	Comparative studies of different approaches for repair of urinary bladder in experimental calves	1998	Dr. A.P. Bhokre
27.	Aswar, B.S.	Comparative evaluation of diazepam-xylazine-ketamine anaesthesia with diazepam detomidine ketamine anaesthesia in experimental buffalo calves	1998	Dr. V.D. Aher

28.	Pawar, V.K.	Studies on repair of fracture of tibia with reference to bone plating, pinning and horn pegging	1999	Dr.V.S.Panchbhai
29.	Miss Sheela Rao	Comparative evaluation of inbalent anaesthetics in canines (an experimental study)	1999	Dr.V.S.Panchbhai
30.	Katmwad S. S.	Comparative evaluation of intravenous and intramuscular injection of ketamine and xylazine combination in diazepam preanaesthetised dogs	1999	Dr. P. T. Jadhav
31.	Pardesi N. R.	Nephrotomy in canines (An experimental study)	1999	Dr. P. T. Jadhav
32.	Kulkarni, S.D.	Study on treatment of fracture of femur in canines with horn peg and kundescher's nail	2000	Dr.V. S. Panchbhai
33.	Kadam, H.D.	Studies on symptoms, haematology and serum biochemistry in induced ileac obstruction in canines	2000	Dr. P. T. Jadhav
34.	Pittlawar, S.S.	Studies on induced foreign body gastritis in canine	2000	Dr. P.T. Jadhav
35.	Kadam, D.B.	Studies on treatment of venereal granuloma in canine with reference to	2000	Dr.V.S.Panchbhai

		submucosa resection and vincristine sulphate therapy		
36.	Khichar, S.R.	Tracheal grafting in buffalo calves	2001	Dr.V.S.Panchbhai
37.	Gavali, M.B.	Study on foreign body syndrome in bovine with special reference to symptomatology, diagnosis, surgical treatment of traumatic pericarditis	2001	Dr. V.D. Aher
38.	Nannavare,V.T.	Myelography in canines caprine a clinical study	2001	Dr. V.D. Aher
39.	Doiphode, P.V.	Neurolept analgesia with xylazine and pentazocine in bovines (A clinical study)	2001	Dr. V.D. Aher
40.	Pohnerkar A.V.	Lameness in bovine (A clinical study)	2002	Dr. V.D. Aher
41.	Awtade K.D.	Tail Gangrene in Bovine	2002	Dr. V.S. Panchbhai
42.	Satish M.P.	Affection of Cornea in Bovine with special reference to Keratitis	2002	Dr. V.D. Aher
43.	Raut, S.U.	Ear cropping canine	2002	Dr. V. S. Panchbhai
44.	Zunjare V.V.	Study on tail Gangrene in bovine with reference to etiology, diagnosis and treatment	2003	Dr. V.D. Aher
45.	Kale S.D.	Otitis in Canine (A clinical study)	2003	Dr.V. D. Aher
46.	Kale V.D.	Evaluation of lipid Free propofol and its	2003	Dr. V. M. Salunke

		combination with different preanaesthetics in canine		
47.	Mohite D.S.	Studies on Veneral Granuloma in canine with reference to etiology and treatment.	2003	Dr. V. S. Panchbhai
48.	Miss Rajmane S.S.	Clinical study in bovine with special reference to immunotherapy.	2004	Dr. V. D. Aher
49.	Kulkarni A.S.	Comparative Evaluation of Propofol lipid emulsion and Propofol lipid free formulation for maintenance of general anaesthesia by continuous infusion in canines.	2004	Dr. V. M. Salunke
50.	Bhokare S.N.	Clinical study on Bovine urolithiasis	2005	Dr. P. C. Zambre
51.	Mohd. Raisuddin	Comparative Evaluation of efficacy of Polyzyme Onco SEB and Vincristine sulfate in clinical case of veneral granuloma in Canines.	2006	Dr. V. M. Salunke
52.	Khillare S. S.	Evaluation of serratiopeptidase enzyme as an Anti-inflammatory and Analgesic on wound healing in Bovines	2006	Dr. V. M. Salunke
53.	Khade S. K.	Comparative evaluation of castration by two	2006	Dr. P. C. Zambre

		different surgical method in Dogs		
54.	Sure G. P.	Clinical studies on oesophageal obstruction in bovines with special reference to surgical approach	2006	Dr. P. C. Zambre
55.	Dandekar S. V.	Study on the efficiency of external fixation technique to repair limb fractures in goats (<i>Capra hircus</i>)	2007	Dr. V. D. Aher
56.	Balwantkar S. S.	Studies on treatment of fracture of Femur in goat (<i>Capra hircus</i>) with intra medullary stainless steel pinning and horn peg fixation	2007	Dr. V. D. Aher
57.	Savandkar P. G.	Radiography verses metal detector in diagnosis of foreign body syndrome in bovines	2008	Dr. V. D. Aher
58.	Bhangre R. D.	Clinical evaluation of alfa2 agonist and tranquilizer combination in goat	2008	Dr. V. D. Aher
59.	Satpute V. S.	Comparative evaluation of <i>Corynebacterium parvum</i> an Autogenous vaccine for the treatment of Sq. cell carcinoma of horn in bovine	2008	Dr. V. D. Aher
60.	Pukale K. D.	Clinical evaluation of Seratiopeptidase on	2008	Dr. V. M. Salunke

		wound healing in canine		
61.	Shaikh Noormahammad Shaikh Rahim Shaikh	Surgico-pathological and haematological study of foreign body syndrome in bovine with special reference to magnetic feeding as preventing agent	2010	Dr. V. D. Aher
62.	Thosar Sagar Ramesh Rao	Clinical Evaluation of Silver Sulfadiazine and Acriflavine on Wound Healing in Bovine.	2011	Dr. V. D. Aher
63.	Deokar Avdhut Vijay	Study on Effect of Cissus Quadrangularis In Accelerating Healing Process of Fracture in Goat.	2011	Dr. V. D. Aher
64.	Rathod Jaydeep Dhondiram	External Fixators for limb fracture in goat	2012	Dr. S.D. Chepte
65.	Shinde Sandeep Shivajirao	Wound Healing in Bovines	2012	Dr. B. P. Shende
66.	Kadam Ruturaj Sanjay	Neuroleptanalgesia with Xylazine and Butorphanol tartrate in Bovine.	2012	Dr. V. D. Aher
67.	Manzoor Ahmad Bhat	Clinical Evaluation of Cissus Quadrangularis on Wound Healing in Caprine.	2012	Dr. V. D. Aher
68.	Gaware Santosh Shivaji	Clinical Evaluation of Different Approaches for Caesarean Section in Goats.	2012	Dr. V. D. Aher
69.	Zaware Subhash Dhondiba	Comparative efficacy of standing versus recumbent position of	2013	Dr. V. D. Aher

		patellar desmotomy in Bovine		
70.	Rathod Mehul Shivram	Clinical and haemato-biochemical studies in bovine Urolithiasis with special reference to urolith analysis	2013	Dr. V. D. Aher
71.	Kithe Purushottam Eknathrao	Clinical evaluation of lower left flank and left ventro- lateral oblique approach for caesarean section in cows and buffaloes.	2014	Dr. V. D. Aher
72.	Chavan Sachidanand Lakshman	Evaluation of Buterphanol- acepromazine-glycopy rrolate and Buterphanol-midazola m- glycopyrrolate as a preanaesthetic with Propofol anaesthesia in dogs	2014	Dr. V. D. Aher
73.	Shendage Dipak Bhanudas	Comparative efficacy of Articaine hydrochloride and Lignocaine hydrochloride in bovine	2015	Dr. V. D. Aher
74.	Anoop R.	Clinical evaluation of platelet rich plasma on wound healing in caprine	2015	Dr. V. D. Aher
75.	Shinde Kushal Shantaram	Clinical evaluation of platelet rich plasma on fracture healing in caprine	2016	Dr. V. D. Aher
76.	Akhilesh Kumar Singh	Clinical evaluation of platelet rich fibrin on	2016	Dr. V. D. Aher

		wound healing in caprine		
77.	Aharya Pritamkumar Rajkumar	Clinical evaluation of Terminalia arjuna on wound healing in caprine	2017	Dr. V. D. Aher
78.	Dr.Vijaya Khanchadani	Comparision of conventional and laproscopic ovariohysterectomy under acepromazine butorophanol glycopyrolate with propofol anaesthesia in canine	2017	Dr. V. D. Aher
79.	Dr.Pradeep P. Balage	Optimization of sedation protocol for interventions in standing position in cattle	2018	Dr. V. D. Aher
80.	Dr.Mate A.A.	Comparative evaluation of intravenous dexmedetomidine-but orphanol and dexmedetomidine-mid azolam as preanesthetic with propofol anesthesia in dogs	2018	Dr. V. D. Aher
81.	Dr.Lokhande D.S.	Clinical evaluation of dorsolumbar epidural anesthesia using combination of xylazine hcl and lignocaine hcl for laparotomy in cattle	2018	Dr. V. D. Aher
82.	Dr.Jadhav Swapnil Ashokrao	Comparative evaluation of two surgical techniques for patellar desmotomy in cattle	2019	Dr. V. D. Aher
83.	Dr.Waghmare Shubhangi A.	Comparative evaluation of aqueous seed extract and seed	2021	Dr. I. P. Sarode

		extract silver nanoparticles of sesanum indictum for wound healing in goat		
84.	Dr.Shivkumar Gupta	Clinical efficacy of articaine and ropivacaine hcl for caudal epidural analgesia in cattle	2022	Dr. S. D. Chepte
85.	Dr.Dhutode Sunaina P.	Evaluation of wound healing potential of ozone therapy in goat	2022	Dr. I. P. Sarode
86.	Dr.Pandit Kapil Sadanrao	Endoscopic evaluation of upper gastro intestinal tract disorders following chemotherapy in dogs	2022	Dr. S. V. Gaikwad
87.	Dr.Badal Patle	Clinical efficacy of Fentanyl on propofol Anaesthesia in Dog	2023	Dr. S. D. Chepte
88.	Dr.Patil Harshwardhan Chandrakant	Clinical evaluation of tiletamine - zolazepam CRI with Isoflurane Anaesthesia in Dog	2023	Dr. S. D. Chepte
89.	Dr.Tanpure Mahesh Atmaram	Comparative evaluation of Ropivacaine - Xylazine and Lignocaine - Xylazine combination for dorsolumbar epidural anaesthesia in cattle	2023	Dr. S. D. Chepte
90.	Dr.Jadhav Kaminee Alaram	Comparative evaluation of pre-anaesthetics acepromazine and midazolam with butorphanol in conjugation with propofol isoflurane anaesthesia in dog	2023	Dr. S. D. Chepte
91.	Dr.Gaikwad Priyanka	Comparative evaluation of fentanyl and Buprenorphine	2024	Dr. S. D. Chepte

		CRI with Isoflurane Anaesthesia in Dog		
92.	Dr.Ambhore Vishwanathbar Deorao	Clinical efficacy of Articaine and Lignocaine HCL for pudental nerve block in Bullock	2024	Dr. S. D. Chepte
93.	Dr.Karad Ganesh Govindrao	Comparative evaluation of C-arm guided and open intramedullary pin fixation for long bone fracture management in Dog	2024	Dr. S. D. Chepte

Doctoral:

Name of Department: Veterinary Surgery and Radiology				
Sr. No.	Name of the Student	Title of Thesis	Year of Completion	Name of the Advisor
1.	Bhokre, A.P.	Studies on peritonitis in buffaloes	1985	Dr. K. S. Deshpande
2.	Usturge, S.M.	Diaphragmatic hernia in bovines with special reference to its repair under sedation and local analgesia	1991	Dr. A.P. Bhokre
3.	Aher, V.D.	Evaluation of Diazepam Detamidine-Ketamine anaesthesia in bovines (An experimental and clinical study)	2001	Dr. A.P. Bhokre
4.	Salunke V.M.	Clinical evaluation of Propofol as intravenous general anaesthetic in canines	2001	Dr. A.P. Bhokre

5. Research Papers Published:
List of Research Publications:

S r. N o .	Authors	Y ea r	Title of the Research Paper	Name of the Journal	Volume ; Page Nos.	NA AS Rat ing , if any
	Farheen Fani, M.G. Thorat, S.D. Chepte , Manjusha Patil and P.B. Hase	20 18	Caesarean Section In Cat- A Case Report	Veterina ry Practitio ner	Vol. 19 (1) 71-72	4.8 6
	MFMF Siddiqui, S. P. Waghmare , S.W. Hajare, R.S. Ingole, S.G. Deshmukh , S.D. Chepte and S. Anwar Ali.	20 18	Phytochmi cal analysis and acute toxicity studiesof Artemisia annua in Swiss albino mice	Journal of Pharma cognosy and Phytoch emistry 2018:	7(4):18 93-189 5	-
	P.R. Shinde, S.D. Chepte , M.G. Thorat, R.V. Raulkar, S. Sajid Ali, F.A. Fani, A.D. Anam, N.P. Bhavé and S.R. Vaidya	20 18	Clinical Efficacy of Ketofol and Propofol In Dog	Internati onal Journal of Science, Environ ment and Technol ogy,	No 6, 2018, 1949 – 1953	4.1 7
	S.D. Chepte , M.G. Thorat and R.S. Ingole	20 18	Diagnosis and Managem ent of Fibroblasti c Sarcoid in a Stallion	Intas Polivet (2018)	Vol. 19 (11) 307-30 8	4.4 9

	S. R. Vaidya, S. D. Chepte , M. G. Thorat, N.P.Bhave, R. K.Fulsunge, G.D.Khatal, and A. D.Anam.	2018	Surgical management of cervical oesophageal obstruction in buffalo.	The blue cross book,	vol 38:11-15	-
	G.J. Khan,M.G. Thorat, R.V. Raulkar, S.V. Upadhye, P.T. Jadhao, S.D. Chepte and S.G. Deshmukh	2018	Surgico-chemotherapeutic management of mammary Tumour in canine	International Journal of Science, Environment and Technology,	Vol. 6, No 5, 2017, 3154 – 3159	4.17
	R.V. Raulkar, M.G. Thorat, S.V. Kuralkar, S.D. Chepte and M.V. Ingawale	2017	Surgico-Therapeutic Management of Hoff Affections in Cattle	Intas Polivet	Vol.18 No. II (July-December -2017) Pp-475-479	4.49
	P.R. Shide, S.D. Chepte and M.G. Thorat.	2017	Surgical management of Melanoma in Bullock	Intas Polivet	Vol.18 No. II (July-December -2017) Pp-507-508	4.49
	Moiz Siddiqui, S.D. Chepte and M.G. Thorat.	2017	Surgical Management of Unilateral Ranula in Bullock	Intas Polivet	Vol.18 No. II (July-December -2017) Pp-271-272	4.49

	S.R.Vaidya, S.D.Chepte, M.G.Thorat,N.P.Bhave,G.D. Khatal and R.K.Fulsunge	20 19	Comparative Efficacy of Green Synthesized Silver Nanoparticles of <i>Azadirachta indica</i> and <i>Cathranthus roseus</i> on Wound Healing in Goats.	Journal of Entomology and Zoology Studies,	Volume 7 Issue 4, 2019,1 336-13 39	-
	G.D. Khatal , M.G.Thorat, S.D.Chepte , F.A.Fani, S.G.Deshmukh,N.P.Bhave, S.R.Vaidya and R.K.Fulsunge	20 19	Clinical Evaluation of Right Lateral Flank and Ventral Midline Approach for Ovariohysterectomy in Dog	Journal of Entomology and Zoology Studies,	Volume 7 Issue 5, 2019, Page 957-96 0	-

	S. D. Chepte ¹ , M.G. Thorat ^{2*} , S. P. Waghmare ³ , M. V. Ingawale ⁴ , S. P. Mehesare ⁵ M. V. Joshi ⁵ and F. A. Fani ⁶	2019	Comparative Evaluation of Lignocaine, Articaine and Ropivacaine for Proximal Paravertebral Anaesthesia In Cattle	International Journal of Science, Environment and Technology,	Vol. 8, No 3, 2019, Page: 674 – 679	4.17
	F. A. Fani, M.G. Thorat ^{2*} , S. P. Waghmare ³ , M. V. Ingawale ⁴ , S. P. Mehesare ⁵ M. V. Joshi ⁵ and S. D. Chepte	2019	Clinico-physiological and Haemato-biochemical Alteration in Non-Penetrating Foreign Body Syndrome with Reference to the Percentage of Plastic in Cattle	International Journal of Science, Environment and Technology	Vol.8, No.4, 2019, 882-895	4.17

	Ayanika Mitra, M.G. Thorat, R. V. Raulkar, F. A. Fani, S. D. Chepte, K. Tayde, K. Pawar and Amey Jadhav	2019	Surgical Management of Transitional Cell Carcinoma in Dog	The Journal of Bombay Veterinary College	(2019) Vol 26(2), 95-96	--
	K. Tayde, M.G. Thorat, R. V. Raulkar, F. A. Fani, S. D. Chepte, , K. Pawar and Amey Jadhav	2019	Epoxy Pin External Skeletal Fixation for Fracture Management in Foal	The Journal of Bombay Veterinary College	(2019) Vol 26(2), 99-100	-
	R.K.Fulsunge,M.G.Thorat,S.D.Chepte,F.A.fani,N.P.Bhave,S.R.Vaidyaand G.D.Khatal	2019	Anaesthetic Efficacy of Thiopental-Propofol admixture and Propofol as total Intravenous Anaesthesia in Dog.	The Pharma Innovation Journal	Volume -8,Number-9,September-2019 Page no. 404-407	-
	N.P.Bhave M.G.Thorat,S.D.Chepte,F.A.Fani, P.S.Kuralkar,R.K.Fulsunge,S.R.Vaidya and G.D.Khatal	2019	Clinical Efficacy of Propofol and Ketofol Anaesthesia with Butorphenol by Constant Rate Infusion Using	The Pharma Innovation Journal	Volume -8,Number-11, November-2019 Page no. 21-23	-

			Fluid Bag Technique in Dogs.			
	Moiz Siddiqui, M.G.Thorat, F.A.Fani, S.D.Chepte and S.P.Waghmare	2019	Comparative Efficacy of Two Methods of Local Analgesia for Cow bull Castration	INTAS POLIV ET	Vol.20(2019) No.1 January - June-2019 page:52-54	4.49
	. Shivkumar Gupta, S. D. Chepte, S. V. Gaikwad, I. P Sarode, Kapil Pandit, S. D. Dhatde and S. A. Waghmare	2022	Clinical Assessment of Articaine and Ropivacaine Hydrochloride for Caudal Epidural Anesthesia in Cattle	Acta Scientifica Veterinary Sciences	Volume 4 Issue 5 May 2022	-
	Badal Patle, S. D. Chepte, I. P Sarode and S. A. Waghmare	2021	Clinical Efficacy of Fentanyl on Propofol Anesthesia In Dog	The Pharma Innovation Journal.	2021 SP-10 (11) Page no. 711-714	
	K. Tayde, M.G. Thorat, R. V. Raulkar, F. A. Fani, S. D. Chepte, , K. Pawar and Amey Jadhav	2021	Evaluation of Isoflurane and Sevoflurane	The Pharma Innovation Journal.	2021 SP-10 (06) Page no. 574-577	

			Anaesthesia for Ovariohysterectomy in Dexmedetomidine and Butorphanol Pre-Medicated Dog			
	S. A. Chauhan, M.G. Thorat, R. V. Raulkar, F. A. Fani, S. D. Chepte, , K. Paware and Amey Jadhav	2022	Surgico-Therapeutic Management of Hoof Affections in Goats	Indian Journal of Small Ruminants	2022, 28(1): 132-136	5.11
	Harshwardhan Chandrakant Patil, Sharad Dnyandeo Chepte, S. Sajid Ali, Nitin Dadarao Jadhav, Ganesh Govindrao Karad	2023	Clinical Evaluation of Tiletamine-Zolazepam CRI with Isoflurane Anaesthesia in Dog	The Indian Journal of Veterinary Sciences and Biotechnology,	Volume 19 Issue 5 (September-October 2023) Pp 101-104	5.25
	Mahesh Tanpure, Sharad Chepte, V. D. Ambhore, Narayan Karad and Shahir Gaikwad	2023	Comparative Evaluation of Ropivacaine-Xylazine and Lignocaine-Xylazine Combination for Dorsolumbar Epidural Anaesthesia In Cattle	Veterinary Practitioner	Vol. 24 No. 2 Pp 177-179	4.86
	G.G. Karad, S. D. Chepte, N.M. Karad, M.F.M.F. Siddiqui, V.D. Ambhore ...	2023	Surgical Management of Oesophageal Foreign Body In Indian Flap Shell Turtle	International Journal of Science, Environment and Technology	13 (1), 28 – 31	4.17

			By Minimal Invasive Oesophagotomy Technique (Miot) - A Case Report			
	Siddiqui M.F.M.F., M.P. Sakhare, S.D. Chepte and S.R. Shaikh	20 23	Clinical Management of Oestrosis in an Osmanabadi Goat in Parbhani	Veterinary Practitioner, Vol.	24 No. 2 Dec 2023	4.8 9
	Siddiqui M.F.M.F., Sakhare M.P.2, S.D. Chepte, T.D Rasal, S.R. Shaikh and Lokhande SA	20 23	Successful Clinical Management Of Hemotoxic Snake Bite In A Marathwadi Buffalo - A Case Report	International Journal of Science, Environment and Technology	13 (1), 66– 68	4.1 7
	SP Dhutade, IP Sarode SD Chepte, , SV Gaikwad, GR Gangane, MG Patil, KS Pandit, SK Gupta	20 24	Potential of topical ozone therapy for wound healing in goats	Indian Journal of Small Ruminants	Indian Journal of Small Ruminants 30(2), 287-292	5.1 1
	P. D. Gaikwad, SD Chepte, GR Gangane, NM Karad, GM Bontalwad, SD More, AR Ghuge, SN Nakade	20 24	Comparative Evaluation of Fentanyl and Buprenorphine cri with Isoflurane Anaesthesia in Dog	International Journal of Science, Environment,	Vol. 13, No 4, 2024, 279 - 284	4.1 7
	SD Chepte, SD More, NM Karad, GM Bontalwad, SD More, AR Ghuge,	20 25	Surgical Management of obstructive	International Journal of Veterinary	10(1):140-143	4.6 1

			cystolithasi s in Shihtzu	Science and Animal Husband ry		
	, SN Nakade SD Chepte, SD More, NM Karad, GM Bontalwad, and AR Ghuge,	20 25	Surgico-Th erauptic Manageme nt of Ameloblast oma in red Kandhari bullock	Internati onal Journal of Science, Environ ment,	Vol. 14, No 1, 2025, 31 - 36	4.1 7
	GM Bontalwad, SD Chepte, SD More, AR Ghughe, SN Nakade	20 25	Surgical Repair of Bilateral Mandibular fracture in a calf using intramedull ary pinning : a case report	Internati onal Journal of Advance d Biochem istry Research	Vol SP 9(2):185 -187	5.2 9
	G.G. Karad, S. D. Chepte, N.M. Karad, M.F.M.F. Siddiqui, S. Sajid Ali, SD More, NM Karad, GM Bontalwad, and AR Ghuge V.D. Ambhore .	20 25	Comparativ e Evaluation of C-arm guided and open intramedull arypin fixation for long bone fracture in dog	Archives of Current Research Internati onal	Vol.25 issue 3, Pp220-2 25	5.1 3

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. Research Recommendations

Sr. No.	1
Year	2002
Project Title	Clinical evaluation of diazepam-detomidine Ketamine anaesthesia in bovine
Investigators	Dr. V. D. Aher and Dr. A. P. Bhokre
Recommendations	For performing minor surgery in bovine following anaesthetic combination is recommended. Diazepam @ 0.25mg/kg/i/v or 0.5mg/kg i/m followed by detomidine @ 20µg/kg i/v or 1 mg/kg i/v.

Sr. No.	2
Year	2002
Project Title	Neuroleptanalgesia with xylazine and pentazocine in bovine (A clinical case)
Investigators	Dr. P. V. Doiphod and Dr. V. D. Aher
Recommendations	For performing minor surgery in bovine following anaesthetic combination is recommended. Diazepam @ 0.25mg/kg/i/v or 0.5mg/kg i/m followed by detomidine @ 20µg/kg i/v or 1 mg/kg i/v.

Sr. No.	3
Year	2002
Project Title	Clinical evaluation of propofol as an intravenous general anaesthetic in dog
Investigators	Dr. V. M. Salunke and Dr. A. P. Bhokre
Recommendations	Propofol injection @ 5.0 mg/kg i/v is recommended for development and maintenance of general anaesthesia in dogs of all age groups, sexes and breeds with and without preanaesthetic medication. It is also recommended as a safe general anaesthetic in pregnant bitches

Sr. No.	4
Year	2003

Project Title	Affections of cornea in bovine with special reference to keratitis
Investigators	Dr. M. P. Satish and Dr. V. D. Aher
Recommendations	The clinical cases of ulcerative keratitis can be successfully treated with cauterizing ulcer with 1% silver nitrate solution and membranoplasty and subconjunctival injection of 1ml placentrax.

Sr. No.	5
Year	2007
Project Title	Repeat dose toxicity of study of monoclonal tetanus immunoglobulin (m-TIG) in dog
Investigators	Dr. V. M. Salunke and Dr. V. D. Aher
Recommendations	Injection of m-TIG and p-TIG at the dose rate of 62.5 IU/kg and 125IU/kg respectively are safe and non toxic and thus both are recommended in dogs for therapeutic use by i/m route.

Sr. No.	6
Year	2007
Project Title	Clinical studies on bovine urolithiasis
Investigators	Dr. S. P. Bhokre and Dr. P. C. Zambre
Recommendations	Tab. Stonvil (15-20 Tab per day) and Tab cystone (15-20 Tab per day) orally is recommended for the treatment of partial obstruction of urethra with urolith.

Sr. No.	7
Year	2007

Project Title	Comparative evaluation of efficacy of polyenzyme OncoSEB and Vincristine sulfate in clinical cases of veneral granuloma in canines.
Investigators	Dr. V. M. Salunke and Dr. V. D. Aher
Recommendations	Vincristine sulfate (0.125 mg/kg body wt) in combination with polyenzyme preparation (containing papain, chymotrypsin and trypsin) at the dose rate of 200 mg/kg body wt orally recommended for the treatment of veneral granuloma in dogs.

Sr. No.	8
Year	2007
Project Title	Study on efficacy of external fixation technique to repair lower limb fracture in goat
Investigators	Dr. S. R. Dandekar and Dr. V. D. Aher
Recommendations	Fiber glass cast and polyvinyl chloride mould is easy and cost effective method for repair of lower limb fracture in goat by external immobilization.

Sr. No.	9
Year	2007
Project Title	Radiography versus metal detector in diagnosis of foreign body syndrome in bovines
Investigators	Dr. P. B. Sawandkar and Dr. V. D. Aher
Recommendations	Metal detector examination is reliable method for diagnosis of foreign body syndrome at cheaper rate with easy spot test where xray examination is not possible.

Sr. No.	10
Year	2007
Project Title	Studies on treatment of fracture in goat (capra hircus) with intramedullary stainless steel pinning and horn peg fixation.

Investigators	Dr. S. S. Balwankar and Dr. V. D. Aher
Recommendations	Horn peg is cheap, effective and easily available intramedullary implant for the repair of femur fracture in goat.

Sr. No.	11
Year	2010
Project Title	Surgical techniques for removal of intraocular parasite in horse
Investigators	Dr. V. D. Aher
Recommendations	Needle puncture on limbus at 12 o clock position is recommended for surgical removal of intraocular parasite in horse.

Sr. No.	12
Year	2010
Project Title	Surgico-pathological and haematological study of foreign body syndrome in bovine with special reference to magnetic feeding as preventing agent
Investigators	Dr. V. D. Aher
Recommendations	Magnet feeding (Cow magnet) is efficient in preventing penetration of metallic foreign body in bovine which is very cheap and easy method for prevention of penetration of foreign bodies in reticulum and can be recommended.

8. Research Priorities / Thematic areas: Department Wise

1. Use of diagnostic modalities (radiology, USG, Endoscopy) and soft tissue surgery in small & large animals.
2. Advancement in small & large animal orthopedics.
3. Advancement in surgery of Sensory tissues (Eye, Ear, Skin etc).
4. Optimization of anaesthetic protocols for small & large animals for various surgical interventions.

