

Department of Veterinary Anatomy and Histology

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	Gross and Histomorphological Studies on Oviduct of Japanese quail (<i>Coturnix coturnix japonica</i>) before and during laying of egg.	Mr. M.P. More, R.R.Mugale, J.Y.Waghay e	Nil	Nil	Nil	completed	1 yr
2	Evaluation of Seasonal Variation on Histoarchitecture of skin in Osmanabadi Goat and Deccani Sheep with Reference to Age.	R.R.Mugale, J.Y.Waghay e, P.N.Thakur , N.M.Karad	Nil	Nil	Nil	completed	1 yr
3	Formalin fumigated dry specimens: an alternative preservation technique in veterinary anatomy.	Dr. P. M. Ghule, Dr. R.R. Mugale and Dr. V. S. Patil	Nil	Nil	Nil	completed	1 yr

4	Osteological and Morphometrical study of pelvic limbs of donkey (<i>Equus asinus</i>)	V.S.Patil, C.S.Mamde R.R.Mugale	Nil	Nil	Nil	completed	1 yr
5	Clinical Anatomy of bovine thorax by Thoracoscopy	Dr. P. M. Ghule, Dr. S.S. Pitlawar Dr. R.R. Mugale	Nil	Nil	Nil	completed	1 Yr
6	Systematic investigation of pelvimetric profile based on external pelvimetry in Osmanabadi goats	Dr. P. M. Ghule & Dr. S. Ramteke	Nil	Nil	Nil	Ongoing	2 yrs

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/On going)	Duration
Nil							

3. Research Priorities:

Sr. No.	Research Area	Aim	Objective	Benefits of Farmers
1.	Imaging Techniques, Pelvimetry, Muzzle printometry	To develop diagnostic and forensic techniques	To study diagnostic and forensic techniques	Accurate Diagnosis and investigation in veterolegal cases

4. Thesis:

Master: (M.V.Sc):

Name of Department: Veterinary Anatomy				
Sr. No.	Name of the Student	Title of Thesis	Year of Completion	Name of the Advisor
1	P.S.Bagade	Histology & histochemistry of uterus during various phases of oestrus cycle in osmanabadi goat	2005	Dr. R. R. Mugale
2	M.P.More	Gross & histomorphological studied on oviducts of Japanese quail (coturnix coturnix Japonica) before & during laying of egg.	2012	Dr. R. R. Mugale

Doctoral: (Ph.D):

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

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.	S.M. Katkar, S.S. Sonar, P.M. Ghule, P.L. Dhande and S.S. Tiwari	2008	Histomorphological study of cecum and colon in pigs (<i>Sus scrofa</i>)	The journal of Bombay veterinary college,	16(1): 27-29	
2.	K.S. Thorat, S.K. Maner, P.M. Ghule,	2009	Gross and histomorphological study of gizzard in post-hatch quail	The journal of Bombay veterinary college	17(1): 43-45	

	P.L. Dhande and P.S. Sanap					
3.	S.B. Lambate, A.M. Pachpande, C.D. Kachave and P.M. Ghule	2010	Gross anatomical features of tibia in Indian donkey (<i>Equus asinus</i>)	The journal of Bombay veterinary college	18 (1): 1-2	
4.	A.M. Pachpande, P.L. Dhande, S.B. Lambate, P.M. Ghule and G.B. Yadav	2010	Gross anatomical and biometrical studies of reticulum in postnatal period in goat (<i>Capra hircus</i>)	The journal of Bombay veterinary college	18 (1): 3-5	
5.	A.M. Pachpande, P.L. Dhande, S.B. Lambate, P.M. Ghule and G.B. Yadav	2010	Gross anatomical and biometrical studies of omasum in postnatal period in goat (<i>Capra hircus</i>)	The journal of Bombay veterinary college	18 (1): 6-9	
6	PM.Ghule , S.A.Gaikwad, P.L.Dhande, S.B.Lambate, S.S.Tiwari and R. Ayana	2010	Gross anatomical and biometrical study of oviduct in japanese quail (<i>Coturnix coturnix japonica</i>) with special relation to age	The journal of Bombay veterinary college	18 (1): 44-47	
7	P.M. Ghule , S.A. Gaikwad, P.L. Dhande, S.B. Lambate, A.D. Patil, S.S. Tiwari and R.Rajiv	2010	Histomorphological study of the oviduct in Japanese quail (<i>Coturnix coturnix japonica</i>)	Indian Journal of Veterinary Anatomy	22 (1): 40-42	
8	A.M. Pachpande, P.L. Dhande, S.B. Lambate,	2010	Histological study of postnatal rumen in goat (<i>Capra hircus</i>)	Indian Journal of Veterinary Anatomy	22(2): 12-16	

	P.M. Ghule and G.B. Yadav					
9	S.B. Lambate, A.M. Pachpande, P.L. Dhande, P.M. Ghule and C.D. Kachave	2010	Comparative gross anatomical study of femur in adult horse and Indian donkey (<i>Equus asinus</i>)	Indian Journal of Veterinary Anatomy	22(2): 63-65	
10	S.B. Gadhave, P.L. Dhande, A.D. Patil, S.B. Lambate and P.M. Ghule	2011	Anatomical study of Parotid, Prescapular, Prefemoral and Popliteal lymph nodes in Murrah Buffaloes	Indian Journal of Veterinary Anatomy	23(1): 1- 5	
11	A.M. Pachpande, P.L. Dhande, S.B. Lambate, P.M. Ghule , G.B. Yadav and S.A. Gaikwad	2011	Gross anatomical and biometrical observations on small intestine of goat (<i>Capra hircus</i>) during postnatal period.	Indian Journal of Veterinary Anatomy	23(2): 49-55	
12	A.M. Pachpande, P.L. Dhande, S.B. Lambate, P.M. Ghule and G.B. Yadav	2011	Gross anatomical studies of rumen during postnatal period in goat (<i>Capra hircus</i>)	Indian Journal of Veterinary Anatomy	23(2): 80-82	
13	S.B. Lambate, P.L. Dhande, P.M. Ghule , V. Karande and N.S. Adsul	2012	Effect of GNA Nucleotide (Immunomodulatory agent) on the histoarchitecture of the Bursa of Fabricius and Spleen in Broilers	Indian Journal of Veterinary Research.	Vol.21.1. (2012): 40-45	
14	A.D. Patil, P.L. Dhande, S.A. Gaikwad and P.M. Ghule	2014	Histological and Micrometrical observations of various components	The journal of Bombay veterinary college.	21 (2). (2014)	

			of the oviduct before and after extirpation of preen gland in layers			
15	Chudasama M.M., Joshi N.H., Raval S.H., Ghule P.M. , Desai M.C., Patel K.B.	2016	Histogenesis of lingual epithelium in prenatal surti goat (<i>capra hircus</i>)	International Journal of Agriculture Sciences	Volume 8, Issue 58, 2016, pp.- 3209-3213.	
16	Milan M. Chudasama, Nirav H. Joshi, Mahendra C. Desai, Jay Prakash Gupta, Prakash M. Ghule	2017	Biometry of tongue and its association with various body measurements in prediction of fetal age in Surti goat fetus (<i>Capra hircus</i>)	Indian J. Anim. Res.,	B-3303 (1-4). (2017)	
17	S.B. Lambate, P.L. Dhande, A.D. Patil, P.M. Ghule and G.B. Yadav	2019	Gross Anatomical and Biometrical studies of Testis during post natal development in pig (<i>Sus scrofa domestica</i>)	The journal of Bombay veterinary college.	26 (2). (2019): 60-63	
18	SA Dhenge, MM Vaidya, VB Dongare, VN Khandait, GR Channa, PM Ghule and GM Gadegaonkar	2024	Analysis of correlations among biometrical traits and coefficients of adaptability of Deoni cattle	International Journal of Veterinary Sciences and Animal Husbandry 2024;	SP-9(2): 416-419	4.61
19	PM Ghule, SB Lambate, MM Chudasama, KN Pawankar, GM Gadigaonkar and GR Channa	2024	Gross anatomical and biometrical study of cervix during different phases of estrus cycle in buffalo (<i>Bubalus bubalis</i>)	International Journal of Veterinary Sciences and Animal Husbandry 2024;	9(1): 1166-1168	4.61

20	PM Ghule, SB Lambate, MM Chudasama, SS Sole, RG Nimase, SA Dhenge, RC Kulkarni and SP Awandkar	2024	Histochemical study of the uterus during various phases of estrus cycle in buffalo (<i>Bubalus bubalis</i>)	International Journal of Advanced Biochemistry Research 2024;	SP-8(5): 348-353	5.29
21	Ghule PM, SB Lambate, MM Chudasama, KN Pawankar and GR Channa	2024	Gross anatomical and biometrical studies of the uterine body during different phases of estrus cycle in buffalo (<i>Bubalus bubalis</i>)	International Journal of Research in Agronomy 2024;	SP-7(2): 85-87	5.20
22	PM Kapale, GM Gadegaonkar, AS Nagvekar, SD Ingle, KN Pawankar, SY Shirale and PM Ghule	2024	Effect of seasons on crossbred bull on semen characteristics and seminal plasma enzymes of fresh semen	International Journal of Research in Agronomy 2024;	SP-7(2): 40-43	5.20
23	Swami GB, Pitlawar SS, Suryawanshi RV, Gaikwad NZ, Ghoke SS, Chavhan SG, Ghule PM and Supreetkumar	2024	Radiological evaluation of potential thoracic foreign bodies and its surgical management in cattle	International Journal of Advanced Biochemistry Research 2024;	SP-8(11): 789-797	5.29
24	VS Patil, RR Mugale and N.S. Bhosale	2001	Effect of castration on the skin thickness of red kandhari cattle.	Indian Vet. Journal	78: 921-23	4.50

List of Marathi and Popular articles published:

Sr. No	Authors	Year	Title	Name of the Journal/Magazine	Volume: Page Nos.
1	S.B. Lambate and P.M. Ghule	2009	Gochid: pashudhanacha shatru	Vaikalpik pashuchikitsa vidnyan.	Pp: 20-21
2	P.M.Ghule , S.B.Lambate and N. Adsul	2010	Janavaranche aajar: andhshraddha ani vidnyan	Godava sheticha.	Pp: 93-94
3	S.B.Lambate, P.L.Dhande and P.M.Ghule	2010	Janavaranche lasikaran: upcharapeksha pratibandh changla	Godava sheticha.	Pp: 95-96
4	N. Adsul, S. Lambate and P. Ghule	2010	Pashudhanatil bahy paropjivi: ek samsya	Godava sheticha.	Pp: 98-100
5	N. Adsul, S. Lambate and P. Ghule	2010	Sheli palan:gramin tarunananna rojgarachi sandhi	Godava sheticha.	Pp:101-104
6	P.M.Ghule , N.S.Adsul, P.S.Sanap and S.B.Lambate	2011	Lal khurkat/ Paylag	Kisanshakti.	Pp: 72
7	S. Lambate and P. Ghule	2011	Gochid ani janavaranche aarogya	Kisanshakti.	Pp: 75-76
8	S. Lambate and P. Ghule	2011	Mhais palan: unhalyatil vyavasthapan	Kisanshakti.	Pp: 81
9	S.B. Lambate and P.M. Ghule	2011	Sheli palan: mahatvyachya nondi	Kisanshakti.	Pp: 33
10	P.M. Ghule and M. M. Chudasama	2016	Vagolnara Pashuoni	Godarshan guide:	Pp: 11-12

			pachankriya ane pachak anga		
11.	SM Dhenge, P.M. Ghule and VN Khandait	2025	दुधाल जनावरातील आजारांचे नियंत्रण	सकाळ अग्रोवन	१०

6. Research Recommendations

Sr. No.	NIL
Year	NA
Project Title	NA
Investigators	NA
Recommendations	NA

7. MOU signed by the Colleges

Sr. No.	MOUS Between	Date of signing	Place	Duration
	Party – 1 & Party - II			
NIL				

8. Research Priorities / Thematic areas: Department Wise **Pelvimetry, Muzzle Printometry / Forensic Anatomy**

9. Significant Research Achievement:

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