

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

2. List of Private Agency Projects:Nil

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

3. Research Priorities:

Sr. No.	Research Area	Aim	Objective	Benefits of Farmers

Veterinary Biochemistry

4. Thesis: Masters

Name of Department:					
Sr. No.	Name of the Student	Title of Thesis		Year of Completion	Name of the Advisor
1.	Miss.Borkar S.D	Effect of inhibin immunization on seminal characteristics in buffalo bulls.		2004	Dr. Deshmukh B.T.
2.	Mr. Aghadate S.K	Effect of inhibin immunization on serum electrolytes concentration in Buffalo bulls.		2005	Dr. Deshmukh B.T.
3.	Mr.Ingawale Dilip	Effect of inhibin immunization on serum thyroxine, triiodothyronine and thyroid stimulating hormone in Buffalo bulls.		2005	Dr. Deshmukh B.T.

4	Miss.Dhaware S.D	Follicular fluid biochemical profile of Buffalo.	2006	Dr. Deshmukh B.T.
5	Miss.Shiny Joy	Follicular fluid protein profile in Buffalo.	2006	Dr. Deshmukh B.T.
6	Miss. Tekade V.M	Serum protein profile during early pregnancy in Buffaloes.	2009	Dr. Deshmukh B.T.
7	Miss. Patkar R.P	Serum thyroid hormone levels during growth period in Labrador breed of dog.	2012	Dr. Dalvi S.H
8	Mr.Shinde N. V	Serum thyroid hormone levels during peripartum period in Osmanabadi goat.	2012	Dr. Dalvi S.H
9	Mr.Rampure D. N	Studies on thyroid hormones and some biochemical constituents of follicular fluid in Buffalo	2013	Dr. Dalvi S.H
10	Miss.Jopulkar P. R	Evaluation of polyherbal galactagogue activity for milk yield, quality and health status of cows.	2014	Dr. Dalvi S.H
11	Mr.Shendage S. R	Study on serum thyroid hormones level and protein profile during growth period in broilers	2015	Dr. Ambade R. B
12	Mr.Sonavane P. B	Studies on serum thyroid hormones and lipid profile during different laying phases in chicken	2015	Dr. Dalvi S.H
13	Miss.Pooja Panchal	studies on serum electrolytes and biochemical parameters during transportation in goats	2022	Dr Dalvi S H
14	Mr. Munde M. B	Studies on thyroid hormones, lipid profile, macrominerals and electrolytes in lactating Murrah buffaloes.	2024	Dr. Dalvi S.H

Doctoral:

Name of Department:				
Sr. No.	Name of the Student	Title of Thesis	Year of Completion	Name of the Advisor
1.	Mrs. A.S. Nagvekar	Profiles of serum somatotropin, gonadotropins, ovarian steroids and thyroidal hormones during gestation of Murrah buffalo.	2010	Dr. Deshmukh B.T.
2.	Mr. Dalvi S.H	Endocrine profile during oestrous cycle in Pandharpuri buffalo.	2012	Dr. Deshmukh B.T.
3.	Mr. Ambade R. B	Studies on HSP 70 gene expression pattern in peripartum blood mononuclear genes and activity of some enzymes during different seasons in Pandharpuri buffalo.	2019	Dr. Dalvi S.H

5. Research Papers Published:20

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.	Mundhe MB, Dalvi SH, Bharucha SV, Hande ST and Gawandi Smita	2024	Serum thyroid hormones and lipid profile levels and their correlation at different lactation stages of Murrah buffalo	International Journal of advanced Biochemistry Research	2024; SP-8(7): 914-917	5.29
2.	S.H. Dalvi, N.R. Karambele, Shantanu	2024	Validation of Electrochemical Biosensor based Hand-held	Indian Journal of Animal Research	10.18805/IJAR. B-5372	6.2

	Tamuly, M.B. Mundhe		Device for the Measurement of Blood Glucose in Lactating Buffaloes (<i>Bubalus bubalis</i>)			
3.	R.B. Ambade, S.H. Dalvi, M.M. Gatne, V.D. Dighe, A.Y. Doiphode, and B.N. Ramteke	2018	Stress enzyme Level during different seasons in Pandharpuri Buffalo	The Indian Journal of Veterinary Sciences & Biotechnology	IJVS&B (2018) Volume 14, Issue 2, 18-21	5.58
4.	R. B. Ambade, S. H. Dalvi , V. D. Dighe, A. Y. Doiphode., B. N. Ramteke & S. N. Jadhav	2023	HSP 70 gene expression pattern in peripheral blood mononuclear cells during different seasons in Pandharpuri buffalo	Indian Journal of Animal Research	PPP. 1-5.0 Online doi no: 10.188005/IJAR. B- 4888. (2023)	6.2
5.	N.V. Shinde, S.H. Dalvi , C.S. Gholave and J. Kumarasamy	2014	Serum Thyroid Hormone Levels During Peripartum Period In Osmanabadi Goat	The Indian Journal of Veterinary Sciences & Biotechnology	IJVS&B ,Vol.9,100- 102(2014)	5.58
6.	SH Dalvi , BT Deshmukh, BA Talvelkar	1995	Concentration of blood serum thyroid hormones during late pregnancy, parturition and	Indian Journal of Animal Sciences (India)	65 (1): 15-19. Jan 1995	6.2

			early lactation of crossbred cows			
7.	<u>Dalvi S.H.</u> , A.M. Mantri., B.A. Talvelkar., S.V. Bharucha. ,L.R. Gaghave & SD Ingole	1998	Hematological studies on Indian camel (<i>Camelus Dromedarius</i>)	Indian Vet. Journal	IVJ, 5, February ,1998:117-119	4.93
8.	<u>Dalvi S.H.</u> , A.M. Mantri., B.A. Kulkarni.,	1998	Blood metabolic profiles of Indian camel (<i>Camelus Dromedarius</i>)	Indian Vet. Journal	Indian Vet. Journal,75, March,1998:217-220	4.93
9.	Patkar R.P., <u>Dalvi S.H.</u> , Kumarasamy J.	2014	Serum thyroid hormone levels during growth period in Labrador breed of dog	Indian J. Field Veterinarian	Vet.Vol.9 No.4 2014	5.58
10	P R Jopulkar, <u>SH Dalvi</u> , PM Kapale, RB Ambade, SB Badgujar.	2015	Effect of feeding polyherbal galactagogue on milk yield and quality in lactating crossbred cows	The Indian Journal of Veterinary Science & Biotechnology,	Vol.10,2015 90-92	5.58
11.	A. Kashap, R.B. Ambade, S. H. Dalvi and P.M. Kapale	2017	Study of serum biochemical metabolites during late laying phase of layer chicken	Indian Res.J. Ext. Edu., January 2017	Indian Res.J. Ext. Edu., January 2017	5.22
12.	P. B. Sonavane, <u>S. H. Dalvi</u> , R. B. Ambade, Percy	2018	Thyroid Hormones and Lipid Profile in	International Journal of Livestock Research	eISSN : 2277-1964; Vol 8 (07) Jul '18	--

	E. Avari and Kumarasamy, J		Commercial Laying Chicken			
13.	Ambade RB. <u>Dalvi SH.</u>	2018	Serum Biochemical changes during different temperature humidity Indices in Pandharpuri buffalo	Contemporary Research in India,	Vol.8, June 2018	--
14	R.B. Ambade, <u>S.H. Dalvi</u> , M.M. Gatne, V.D. Dighe, A.Y. Doiphode, and B.N. Ramteke	2018	Stress enzyme level during different seasons in Pandharpuri Buffalo	The Indian Journal of Veterinary Sciences & Biotechnology	(2018) Vol.14 (2) 18-21.	5.58
15.	Sunita Bhoite ¹ , Mohini Khodke, <u>Santosh Dalvi</u> and Durgesh Golher	2019	Protein profile during peripartum period in Berari goat	Chem. Sci. Rev. Lett	2019, 8(29), 48-52 Article, CS022049091 48	4.75
16.	S. H. Bhoite, M. V. Khodke, <u>S. H. Dalvi</u> , P. R. Rathod, P. S. Kuralkar and M. G. Patil	2019	Serum Ionized Calcium and Macro minerals level during peripartum Period in Berari Goat.	International Journal of Livestock Research	eISSN : 2277-1964, Vol 9 (6) June 2019. 109-116	--
17.	<u>Santosh H. Dalvi</u>	2019	Recent Advances in Diagnostic Procedure for Endocrine	International Journal of Livestock Research	eISSN : 2277-1964, Vol 9 (5) May '19 . 10-18	--

			Disorders in Dogs and Cats. Review Article			
18.	<u>Dalvi SH*</u> , Pooja Panchal, Ravindra Ambade, Dhananjay Dighe, Rahul Deshmukh	2022	Serum electrolytes levels during short journey transportation stress in adult goats	Ruminant Science (2022)		5.47
	Pooja Panchal, <u>Santosh Dalvi*</u> , Ravindra Ambade, Dhananjay Dighe, Rahul Deshmukh	2022	Serum biochemical Changes During Short Journey Transportation Stress in Adult Goats	Ind J Vet Sci and Biotech (2022):	10.21887/ijvsbt.18.1	5.58
19.	Dalvi Santosh and G.S. Khandekar	2022	Feline Hyperthyroidism - An Overview	Intas Polivet	(2022) Vol. 23 (I): - -	--
20.	DN Rampure, <u>SH Dalvi</u> , JG Gudewar, BL Malpani	2014	Studies on thyroid hormones and some biochemical constituents of follicular fluid in buffalo	Journal of Buffalo Science	3 (1), 25-29	IF:1.21 NAAS Rating: 7.21

List of Marathi and Popular articles published:NIL

Sr. No	Authors	Year	Title	Name of the Journal/Magazine	Volume: Page Nos.

6. Research Recommendations: NIL

Sr. No.	
Year	
Project Title	
Investigators	
Recommendations	

7. MOU signed by the Colleges: NIL

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

8. Research Priorities / Thematic areas: Department Wise : Thyroid hormones & development of canine specific TSH assay

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