

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	“Utilisation of whey for the development of health drinks”. Sponsoring Agency Indian Council of Agricultural Research	Dr. R. D. Kokane Dr. S.T.Hande	ICAR	Rs. 23,57,360/-	Extra-mural	Completed	1st March 2004 – July 2007
2	Male buffalo calf rearing system— One scheme under Rashtriya Krishi Vikas Yojana “Conservation of elite buffalo germplasm in and around Mumbai ”	Dr. M.I.Baig Dr. S.T.Hande	R.K.V. Y.	Rs. 40,00,000/-	Extra-mural	Completed	2010 to 2014
3	Conservation technique for preservation of green fodder	Dr. M.I.Baig Dr. N.R. Dagli	R.K.V.Y.	Rs. 50,00,000/-	Extra-mural	Completed	2010 to 2015

Research/Infrastructure/Extension projects**Dr.S.T.Hande: CO-PI**

Sr. No.	Title of the project	Sanctioned in the Year	Funded by (Agency)	Duration of Project	Total cost of the Project	API Score	Page No.
1	Upliftment of Scheduled Tribe Population and Improving Their Livelihood by Adopting Scientific Livestock Feeding Practices in Maharashtra State.”	2019-20	ICAR	2years	1,13,51,000	15	33

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	Shelter management, flooring types, stocking density and its effect on behaviour, productive & reproductive performance of goats in hot & humid climate of Konkan region. .	1.Mumbai is one of the most populated city. Goat breeders aim to start goat enterprise with minimum space/area, which may have adverse effect on productive, reproductive performance & behaviour of goats.	To study the effect of types of shelter, flooring on growth performance and behaviour in small ruminants	Small ruminant entrepreneurs and farmers can follow standard housing and management practices.

2	Effect of grooming in companion animals	2.In pet care & management most commonly grooming is advised. It certainly required in long haired/hairy breeds. But, excess of grooming also affects on natural secretions from the skin & have many adverse effects. No studies are found on grooming aspect of pets, their behaviour before & after grooming, and animal welfare.	To study the effect of grooming on skin coat health, external parasitic infestation, behaviour and physiological responses in long haired companion animals.	Regular grooming helps prevent potential health issues by keeping dogs free from debris, dirt, and tangles that can lead to infections and irritations. The awareness about the critical role of grooming in overall canine health and behaviour will be enhanced in pet parents.
3	Application of neural network (AI) for identification of dairy animals using muzzle dermatoglyphics	3.Animal identification by non-invasive & advance technology is needed. For animal insurance it will be highly useful.	To identify the large animals using images by algorithm and artificial neural network.	Animal identification by non-invasive & advance technology is needed. For animal insurance it will be highly useful.
4	Production systems of Livestock Farm Management	Examine the production systems of dairy farms in Konkan region. Economics of Goat Farms etc	To assess the dairy animal management practices by farmers To analyze the economic factors involved in milk production on dairy farms To identify constraints faced by dairy farmers	Livestock farmers in Konkan region

Research Project Completed during the Assessment period

A) Dr.S.T.Hande:

Sr. No	Name of Project	Funding agency	Work as	Duration/ year
1	Ph.D. research “Effect of Different Housing Systems on the Performance of Madgyal Lambs and to Assess the Association of Calpastatin Gene With Growth and Carcass Traits”	KNPCVS Shirwal, MAFSU	PhD thesis work	4 years/2017-2021
2	Study of the Morphometric and Physiological Characteristics of Kathiawari Horses Maintained at Matheran Hill Station	MVC, MAFSU	M.V.Sc thesis work	2020
3	Comparative Effect of Monensine and Essential Oil on Growth Performance of Osmanabadi Kids	MVC, MAFSU	M.V.Sc thesis work	2021
4	“Upliftment of Scheduled Tribe Population and Improving their Livelihood by Adopting Scientific Livestock Practices in Maharashtra State”	ICAR-TSP Project	Co-PI	2 years / 2020-21

1. Thesis:

Master: M.V.Sc.

Sr. No.	Title of the Thesis / Research Work	Name of Researcher Student	Name of Research Guide	Year
01.	Studies on Body Measurements and udder size in lactating crossbred cow	A. S. Mahajan	Dr. M.D.Pendase	1988
02.	A study on the effect of age at first calving, period and season of calving on the various economic traits in Gir, Gir x H.F. and Gir x Jersey	V. V. Dhumal	Dr. M.D.Pendase	1988
03.	Effect of different of thermoregulation on performance of crossbred dairy cows	R.B. Bhosale	Dr. M.D.Pendase	1989

04.	Effect of feeding different levels of acetic acid on the yield and composition of milk in dairy cows.	V. R. Mulik	Dr. M.D.Pendase	1991
05	Effect of feeding yeast culture on milk yield and composition of milk in dairy cows	B. P. Mhase	Dr. M.D.Pendase	1992
06.	Effect of feeding feed additives on milk yield and composition of milk in dairy cows	A.V. Khanvilkar	Dr. M.D.Pendase	1992
07.	Effect of feeding different levels of Acetic acid on milk yield and composition of milk in dairy cows	A. H. Karanjkar	Dr. M.D.Pendase	1992
08.	Studies on daily/weekly peak yield and lactation persistency in various crossbred up to four months lactation performance	M. A. Joshi	Dr. M.D.Pendase	1993
09.	Studies on effect of different methods of milk preservation on quality of milk.	P. R. Bhande	Dr. M.D.Pendase	1993
10	Effect of feeding different level of Biovet (Feed Additive) on milk yield and its composition in (Jersey x Gir)crossbred cows	S. H. Bhogale	Dr. M.D.Pendase	1994
11	Effect of feeding seaweed extract on production and composition of milk in crossbred dairy cattle.	M. D. Bobade	Dr. M.D.Pendase	1996
12.	Effect of <i>Asparagus Racemosus</i> wild (Shatavari) feeding on quantitative properties of milk in HF x Gir and Jersey x Gir crossbred cows	S. M. Godbole	Dr. S.V.Ambatkar	1996
13.	Studies on influence of Tonolon feeding (Feed Additive) on milk yield and variation in composition of milk in crossbred cows	S. N. Sawant	Dr. R. D. Kokane	1997
14	Study of weight gain and mortality in crossbred (HF x Gir, Jersey x Gir) & purebred	A. A. Navare	Dr. D. T. Khadke	1998

	jersey calves.			
15.	Efficiency of various test for the diagnosis of bovine subclinical mastitis and its effect on milk composition.	A. S. Hirve	Dr. D. T. Khadke	1998
16.	Prediction of milk yield on udder size and body measurements in lactating buffaloes	D. H. Shirsath	Dr. R. D. Kokane	1999
17.	A study on economic of buffalo milk production in Mumbai region	M. P. Kazade	Dr. R. D. Kokane	1999
18.	Study on the effect of month and season of calving on lactation performance on crossbred (HF x Gir, Jersey x Gir) & purebred jersey cows.	A. T. Shivgan	Dr. D. T. Khadke	1999
19.	Inter-relationship between fat and protein content in the milk of crossbred cows.	Miss. A. N. Jagzape	Dr. R. D. Kokane	1999
20.	Effect of feeding probiotics and Amylase enzyme mixture (Feed Additive on milk yield and composition of milk in crossbred dairy cows)	T. S. Khandekar	Dr. D. T. Khadke	1999
21.	The study on prediction of milk yield potential from muzzle printometry technique in Gir and crossbred cattle	S. R. Raut	Dr. R. D. Kokane	2000
22.	Effect of stage of lactation on composition of buffalo milk and yield of Paneer and Khoa prepared from the same milk	V. R. Chavan	Dr. R. D. Kokane	2000
23.	Persistency of milk yield in cross-bred (HF x Gir, Jersey x Gir) & purebred Gir cows.	S. D. Raut	Dr. D. T. Khadke	2001
24.	Impact of Foot and Mouth disease on economic losses on organized dairy farms	V. C. Fulsoundar	Dr. R. D. Kokane	2001
25.	Effect of season and lactation traits On lactation curve in crossbred cows	V. J. Thorat	Dr. D. T. Khadke	2002

26.	Effect of feeding live yeast culture and phospholipid preparation on milk yield and milk composition of crossbred cows.	V. T. Ingole	Dr. R. D. Kokane	2002
27.	Effect of ozone treatment on shelf-life of raw buffalo milk.	Miss. S. R. Samant	Dr. R. D. Kokane	2002
28.	Studies on relationship between age, body weight and body measurements of Gir and Gir crosses.	S. T. Hande	Dr. R. D. Kokane	2003
29.	Impact of mastitis on economic losses at organized dairy farms	A. H. Raut	Dr. D. T. Khadke	2003
30.	Role of women in dairy enterprises in Thane district of North Konkan region of Maharashtra.	V. B. Bhosale	Dr. D. T. Khadke	2003
31.	Factors influencing life time milk production and reproductive traits in Gir cattle and their crosses	S. K. Latkar	Dr. M. I. Baig	2005
32.	Protocol base e-dairy animal management under co-operative set-up.	Miss. Sayil H. R.	Dr. M. I. Baig	2005
33.	Growth performance of Mandya lambs fed with probiotic supplements	S. M. Bangar	Dr. M. I. Baig	2006
34.	Growth characteristics of different breed of goat fed with microbial feed additive	B. B. Nagare	Dr. M. I. Baig	2006
35.	Study on impact of bypass fat feeding on milk production and composition of crossbred cows.	P. G. Vidhate	Dr. R. D. Kokane	2006
36.	Effect of feeding commercial pelleted feed on milk yield, composition and haemato-biochemical parameters on crossbred cows.	G. P. Shende	Dr. R. D. Kokane	2007
37.	Efficacy of feeding solid state fermented feed cultured with <i>lactobacillus acidophilus</i> on growth performance of Mandya lambs.	Miss. Deepti Minz	Dr. M. I. Baig	2007

38.	Non-genetic factors affecting growth performance in Osmanabadi goat.	Y. B. Kharmate	Dr. M. I. Baig	2007
39.	Lactation curve pattern in Gir and its crosses in Mumbai region.	S. N. Patil	Dr. R. D. Kokane	2007
40.	Productive and reproductive performances in Gir and its crosses.	Miss. A. A. Newase	Dr. R. D. Kokane	2007
41.	Dry matter intake and palatability of different fodders in goats.	S. K. Yadav	Dr. M. I. Baig	2007
42.	Behaviour and welfare indices in buffalo under loose housing system.	S. V. Wagh	Dr. M. I. Baig	2009
43.	Dairy farming practices and facilities in Maharashtra state.	R. R. Mudholkar	Dr. M. I. Baig	2010
44.	Performance, behaviour and economics of crossbred cattle under loose housing system.	K. K. Choure	Dr. M. I. Baig	2011
45.	Osmanabadi goat kids under different types of housing system	Miss. Anuradha kumari	Dr. A. H. Kodape	2012
46.	Growth performance of male buffalo calves fed with <i>Samporna</i> (DHN6) and <i>Gajraj</i> grass.	Thoke Sadashiv Shantaram	Dr. A. H. Kodape	2013
47.	Body Condition Score in relation to Age & Weight in goats.	Shilpa Yadav	Dr. M. I. Baig	2013
48.	Estimation of Stress levels in Blackbucks under different management conditions in zoo	Harshini Asher	Dr. M. I. Baig	2013
49.	Effect of different types of flooring materials on the growth performance in Osmanabadi kids.	Divate Rajesh Thaksen	Dr. A. H. Kodape	2014
50.	Study of management practices followed at different Murrah buffalo farms in Aarey colony, Mumbai.	Sable Swapnali Manik	Dr. A. H. Kodape	2014
51.	Morphometric characteristics & growth performance of Madgyal Sheep in their	Shingne Mridula Shrikant	Dr. M. B. A. Siddiqui	2014

	breeding tract.			
52.	Effect of floor space under kattcha housing on growth performance of Osmanabadi kids.	Rameshwar Panda	Dr. P. P. Ghorpade	2015
53.	Effect of different rearing systems on growth performance of Deccani Lambs	Thorat Vaishali Khandu	Dr. S. A. Patwardhan	2015
54.	Effect of supplementation of different levels of concentrate on growth performance of Sangamneri kids.	Raut Sachin	Dr. S. T. Hande	2015
55.	Studies on the udder and teat morphology and their relationship with milk yield in Murrah buffaloes.	Badekar Savita Laxman	Dr. A. H. Kodape	2016
56.	Comparative study on growth performance and behaviour of Osmanabadi goat kids under various shelters.	Bagul J. S.	Dr. M. B. A. Siddiqui	2016
57.	Effect of feeding frequency on growth performance of Osmanabadi kids during summer season	Bhandvalkar Kantilal Shantilal	Dr. A. H. Kodape	2016
58.	Performance of Sirohi kids under hot & humid climate of Sindhudurg district.	Sansare Sandeep Chandrakant	Dr. S. T. Hande	2016
59.	Behavior and milk yield of Gir cows on different flooring material.	Bhamre Prasad Pradip	Dr. A. H. Kodape	2017
60.	Growth performance of Madgyal lambs under different housing systems.	Deshmukh Anil Kashirao	Dr. A. H. Kodape	2017
61.	Correlation between body condition score and milk yield during different stages of lactation in Murrah buffalo	Arote Suniket Subhash	Dr. M. B. A. Siddiqui	2017
62.	Effect of different feeding regime on growth performance of Dangi cattle.	Gumade Sachin Baburao	Dr. A. H. Kodape	2018
63.	Estimation of stress level in spotted deer under different management condition in zoo	Bhavana Bhimrao Patil	Dr. M. B. A. Siddiqui	2018

64.	Study on qualitative and quantitative effects of ultra-hydrophobic contact surfaces with different improved cleaning methods on micro-environmental management of goat housing.	Parab Latika Satish	Dr. P. H. Pawar	2019
65.	Effect of feeding maize fodder on nutrient utilization crossbred calves.	Tarmale Krutika Bhagwan	Dr. A. H. Kodape	2019
66.	Effect of BCS, on milk yield and milk composition	Sonkamble Ravi Ashok	Dr. A. H. Kodape	2019
67.	Comparative effect of Monessen and essential oil on growth performance	Panchal Vijay Sunil	Dr. S. T. Hande	2021
68.	Morphometric characterization of Dangi cattle in its breeding tract.	Khetmalas Atul Sunil	Dr. A. H. Kodape	2021
69.	Study on extraction of biodiesel from chicken waste by transesterification with egg shell based catalyst and its efficacy for eco-friendly bio-waste management.	More Rashmi Sanjay	Dr. A. H. Kodape	2021
70.	Study on udder and teat morphology to analyse relation with milk yield in Pandharpuri buffalo	V. S. Kolekar	Dr. P. H. Pawar	2022
71.	Comparative study of ethogram and labour economics of Osmanabadi goat in different housing system	R. L. Ovhal	Dr. A. H. Kodape	2022
72.	Study of morphometric and physiological characteristics of Kathiawari horses maintained at Matheran hill station	A. B. Sangale	Dr. S. T. Hande	2022
73.	Effect of different levels of silage feeding on growth performance of Osmanabadi kids	O. M. Sardar	Dr. P. P. Ghorpade	2023
74.	Morphometric characterization of Konkan kanyal goat in its breeding tract	M. M. Kurhade	Dr. P. H. Pawar	2023
75.	Growth performance of Osmanabadi kids fed on Maize silage.	R. P. Chikankar	Dr. P. P. Ghorpade	2024

Post-Doctorate Research (Ph.D)

Sr. No.	Title of the Thesis / Research Work	Name of Researcher Student	Name of Research Guide	Year
01	Effect of different housing systems on productive and reproductive performance of osmanabadi females	A.H.Kodape	Dr. M.I.Baig	2014
02	Studies on managemental practices and constraints of various categories of buffalofarms around mumbai	M.B.A.Siddiqui	Dr. Chopade S.S.	2020
03	Effect of different housing system on productive and reproductive performance of jersey crossbred cows	S. S. Tagare	Dr. A. H. Kodape	2021

Post graduate students guided by Dr.S.T.Hande:

Sr. No.	Name of student guided	Ph.D./Master's Degree	Year	Thesis submitted / Degree awarded	Major /Member Advisory Committee
1	Ajit Pawar	LPM	2019-20	Degree awarded	MAC
2	Khandu Pandhare	LPM	2019-20	Degree awarded	MAC
3	Shubham Raut	LPM	2020-21	Degree awarded	MAC
4	Ranjeet Vedpathak	LPM	2020-21	Degree awarded	MAC
5	Vijay Panchal	LPM	2020-21	Degree awarded	Major Advisor
6	Atul Khetmalas	LPM	2020-21	Degree awarded	MAC
7	Prachi More	LPM	2020-21	Degree awarded	MAC
8	Krushna Adwe	Extension	2021-22	Degree awarded	MAC
9	Akshya Sangale	LPM	2021-22	Degree awarded	Major Advisor

10	Nikhil Babar	Surgery	2021-22	Degree awarded	MAC
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Post graduate students guided by Dr.P.H. Pawar :

Sr. No.	Name of student guided	Ph.D./Master's Degree	Year	Thesis submitted / Degree awarded	Major /Member Advisory Committee
1	Bodake B. P.	LPM	2014-15	Degree awarded	Major Advisor
	Sonawane R. V.	LPM	2015-16	Degree awarded	Major Advisor
	Sangame A.D	LPM	2016-17	Degree awarded	Major Advisor
	Shinde G. B.	LPM	2016-17	Degree awarded	MAC
	Done D. A.	LPM	2017-18	Degree awarded	Major Advisor
	Bandewad R. W.	LPM	2018-19	Degree awarded	Major Advisor
	Parab L. S.	LPM	2019-20	Degree awarded	Major Advisor
	Tarmale K. B.	LPM	2019-20	Degree awarded	MAC
	Sonkambale R. A.	LPM	2019-20	Degree awarded	MAC
	Panchal V. S.	LPM	2020-21	Degree awarded	MAC
	Khetmalas A. S.	LPM	2020-21	Degree awarded	MAC
	More R. S.	LPM	2020-21	Degree awarded	MAC
	Oval R. L.	LPM	2021-22	Degree awarded	MAC
	Kolekar V. S.	LPM	2021-22	Degree awarded	Major Advisor
	Kurhade M. M.	LPM	2022-23	Degree awarded	Major Advisor

2. 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	Prerna Ghorpade. B.S. Barmase, D.R.. Ambulkarand, S.V. Kuralkar	2008	Effect of different housing system and stocking density on behaviour pattern of broilers	Indian journal of Poultry science	43; (1) 83-87	5.85
2	Prerna Ghorpade. B.S. Barmase, D.R.. Ambulkarand, S.V. Kuralkar	2008	Effect of different housing systems and stocking density on growth performance of broilers	Indian journal of Poultry science	43 ;(1) 116-118	5.85
3	Chaure K.K., A.H.Kodape, M.I.Baig,S.T.Hande, P.P.Ghorpade, Patwardhan S.A.	2012	Milk yield and milk composition of crossbreed cattle under loose housing system	The Journal of Bombay Veterinary College	20(1); 47-50	2.67
4	Anuradha kumari, kodape A.H., P.P. Ghorpade, N.R.Dagli	2013	Growth performance of Osmanabadi kids under different housing systems	The Indian Journal of Small Ruminants	19(2): 215-216	5.95
5	Anuradha Kumari, Kodape A.H., S.H.Patwardhan, P.P. Ghorpade	2013	Behaviour and physiological response of Osmanabadi kids under different housing systems	Indian J. Anim. Prod. Mgmt.	29 (1-2) 139-142	2.51

6	Anuradha Kumari, Kodape A.H., P.P. Ghorpade, H.Y.Pallampale	2013	Effect of parasitic incidence on growth performance of Osmanabadi goat kids (short communication)	The Journal of Bombay Veterinary College	20; 53- 54	2.67
8	Dagli N.R., S.A. Bakshi, S.U. Gulawane, M.I. Baig, G Vanage, B.T. Deshmukh, P.P. Ghorpade	2014	Conception rate in Osmanabadi goats using frozen semen preserved in different cryoprotectants	Indian Journal of Small Ruminants	20(1); 101-103	5.95
9	Rameswar Panda, Prerna P. Ghorpade, Sahadeo S. Chopade, Mahammad Bashir A. Siddiqui and Arjun H. Kodape	2016	Effect of Floor Space Allowance Under Katcha Housing on Growth Performance of Post-Weaning Osmanabadi Kids in Mumbai	Journal of Animal Research:	v.6 n. 5, p. 891- 895.	4.78
10	Rameswar Panda, P.P. Ghorpade, H.Y. Pallampale and N.R. Dagli	2016	Effect of space allowance on social behaviour of Osmanabadi kids	Indian Journal of Small Ruminants	23(1): 130-131	5.95
11	Rameswar Panda and P.P. Ghorpade	2016	Relationship between bodyweight with linear body measurement in post weaning stall fed Osmanabadi kids under katcha housing system	Indian J. Anim. Hlth.	55(2) : 157-160	5.01
12	Rameswar Panda,	2016	Effect of floor	Explor Anim	Vol.6,	6.10

	P.P.Ghorpade, S.S.Chopade, A.H.Kodape, M.B.A Siddiqui, H.Y.Palampalle, N.R.Dagli		space on serum cortisol level of Osmanabadi kids in Mumbai region of India	Med Res,	Issue - 2, p. 217-223	
13	Rameswar Panda, Sarat Chandra, P.P.Ghorpade, S.S.Chopade, A.H.Kodape, M.B.A Siddiqui	2016	A study on rumination and resting behaviour of Osmanabadi kids housed in katcha housing system under different floor space	International Journal of Science and Nature,	Vol 7 (4): 737-739	3.70
14	R. Panda, P.P. Ghorpade, S.S. Chopade, A.H. Kodape, H.Y. Palampalle, N.R. Dagli	2016	Effect of heat stress on behaviour and physiological parameters of Osmanabadi goats under katcha housing system in Mumbai	Journal of Livestock Science	7: 196- 199	6.40
15	Rameswar Panda, P.P.Ghorpade and H.Y.Palampalle		Effect of housing on OPG (Oocysts Per Gram) count of Osmanabadi kids in Mumbai region	International Journal of Science, Environment and Technology	Vol. 5, 3224 – 3229	4.17
16	R.W.Bandewad, P.H.Pawar , Salunke V.M., Gaikwad N.Z., Vaidya M.M. & Dongre V.B.	2019	Efficacy of Different concentrate to roughage ratio on growth performance of Osmanabadi kids in Marathwada region	Indian Journal of Animal Science, 89(12), 1408- 1410, Dec. 2019.		6.40

17	K. S. Pandhare A.V. Khanvilkar S. T. Hande	2019	Effect of feeding Azolla meal on growth performance in Osmanabadi kids	Progressive Research An International Journal October 2019 14 (4),		3.84
18	A. D. Pawar A.V. Khanvilkar S. T. Hande	2019	Agewise study on growth performance and feeding economics of Madgyal lambs under intensive and semi intensive rearing systems	JBVC 26 (2) December 2019		2.67
19	K.S. Pandhare A.V. Khanvilkar S. T. Hande	2019	Effect of feeding azolla meal on feed intake and water intake in Osmanabadi kids	JBVC 26 (2) December 2019		2.67
20	M. G. Gade A.V. Khanvilkar S. M. Bhalerao S. T. Hande	2019	Performance of Holstein Fresian crossbred cattle fed on urea treated sugarcane top silage	Haryana Vet. (Dec, 2019) 58 (2),		5.56
21	P. A. Bodare A.V. Khanvilkar S. M. Bhalerao S. T. Hande	2020	Effect of different combinations of urea treated sugarcane top silage on its oxalate content and blood mineral profile in Murrah buffaloes.	Haryana Vet. (Dec, 2020) 59 (2),		5.56
22	Sangame A.D., Pawar P.H. , Pawankar K.N. & Ramteke S.S Studies	2020	Studies on Morphometric characteristics of udder & teat	International Journal of advanced academic		5.12

	on Morphometric characteristics of udder & teat with the parity in Marathwadi Buffalo		with the parity in Marathwadi Buffalo	studies, 2(3), 857-861, 2020		
23	Ghorpade P.P., R.R. Singh, T..K.S Rao , N.B. Patel and S.S. Chaudhary	2021	Applicability of muzzle dermatoglyphics in identification of Surti buffaloes	Ruminant Science	Vol (10) No 2, p 395-398	4.45
24	Done D.A., Pawar P.H. & Pawankar K.N.	2021	Growth performance of Osmanabadi goats under different feeding methods	International Journal of Veterinary Sciences and Animal Husbandry, 6(1), 47-51, 2021.		5.69
25	Sangame A.D., Pawar P.H. , Pawankar K.N. & Ramteke S.S.	2021	Study on morphometric and phenotypic characteristics of udder in Marathwadi buffalo in different stages of lactation	International Journal of Multidisciplinary trends, 3(2), 211-215. 2021.		5.02
26	S.M. Omkar, P.P. Ghorpade, S.T. Hande, R.B. Ambade, S.D. Jagadale, V.A. Borse and R.P. Chikankar	2023	Effect of different levels of silage feeding on growth performance of Osmanabadi Kids	Ruminant Science	Vol (12), No 1, : 137-140	4.45
27	Ganesh K Sawale, Prerna Ghorpade, N.R. Karambele, B.S. Katkade, P.V. Meshram, S.A. Gaikwad and H.Y. Palampalle	2023	Post-mortem changes in goats died due to leopard attack	Ruminant Science	Vol (12) No 1, p 47-50	4.45
28	Omkar Sardar and Ghorpade P.P.	2024	Assessment of different levels of silage feeding	International Journal of Veterinary	9(2): 395-398	4.61

			on biochemical parameters in Osmanabadi kids	Sciences and Animal Husbandry		
29	Maroti M Kurhade, P.H. Pawar and P.P. Ghorpade	2024	Konkan Kanyal Goats morphometric characterization in its breeding tract	International Journal of Veterinary Sciences and Animal Husbandry	9(2): 224-226	4.61