

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.	In Vitro Fertilization technique in buffaloes	Dr. S A Bakshi	ICAR	Rs.11,30,000/-	Extra-mural	Completed	1-7-98 to 30-6-2001
2.	Application of ultrasonography for diagnosis of reproductive disorders	Dr. S. U. Gulavane	ICAR	Rs.15,40,000/-	Extra-mural	Completed	1-6-98 to 31-5-2001
3.	Laparoscopy for diagnosis and treatment of various reproductive disorders and Embryo Transfer in large and small animals	Dr. S. U. Gulavane	ICAR	Rs.15,00,000/-	Extra-mural	Completed	1-5-98 to 30-4-2001
4.	Establishment Of Training Centre For Field Veterinarians For Reproductive Health Management Of Livestock	Dr. S. U. Gulavane	RKVY	Rs. 78,53,000/-	Extra-mural	Completed	2014-2016

	Through Assisted Reproductive Technologies.						
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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
Nil							

3. Research Priorities:

Sr. No.	Research Area	Aim	Objective	Benefits of Farmers
1.	Assisted Reproductive Technology (ART)	Synchronization of estrus with various hormonal treatment protocols	To enhance calving rate in field conditions	Enhanced production and reproduction rate
2.	Fertility management in farm and pet animals	Fertility improvement through nutritional and hormonal supplementation	- To identify the major nutrient deficiencies at field condition regarding infertility - To access the major hormone deficiencies at field condition	Enhanced production and reproduction rate

4. Master's Thesis:

Name of Department : Animal Reproduction, Gynaecology & Obstetrics

Sr. No.	Name of the Student	Title of Thesis	Year of Completion	Name of the Advisor
1.	Incidence of Salpingitis in Murrah buffaloesear marked for disposal at Bombay,	B.R.Deshpande	1963	Dr.C.R.Sane
2.	A study of the pelvic cavity in adult female Murrah buffaloes.	Ahmadpuri M.A.H	1963.	Dr.C.R.Sane
3.	Biochemical studies on secretions of genital tract in adult Murrah	G.V.G.Krishnamurthi	1963.	Dr.C.R.Sane
4.	Effects of Anitibiotics and sulpha drugs on viability of semen samples in Murrah buffaloes – bull	S.V.Vadnere	1963.	Dr.C.R.Sane
5.	Affection of cervix in Murrah buffaloes.	R.M.Bhandari	1965	Dr.C.R.Sane
6.	Physio-pathology of reproduction in Gir herd (Bhojpur) with particular Observations on process of parturition	A.P.Phatak	1965	Dr.C.R.Sane
7.	Semen characteristics in Murrah bulls.	K.V.Pillai	1965	Dr.C.R.Sane
8.	Physio-pathology of reproduction in Dangi herd (Igatpuri)	L.N.Purbey	1965	Dr.C.R.Sane
9.	Semen characteristics in Khillar bulls and effect of certain dilutors On viability.	A.P.Dani	1967	Dr.C.R.Sane
10.	Physio-pathology of reproduction in Khillar herd (Jath-Junoni)	M.B.Tatke	1967	Dr.C.R.Sane
11.	Biometry and histopathology of testes and	D.K.Toke	1967	Dr.C.R.Sane

	genital tract of Murrah buffalo calves			
12.	Reproduction/parturition in a Gir herd (Ahmednagar)	B.N.Dange	1967	Dr.C.R.Sane
13.	Physio-pathology of reproduction in Gir herd (Urali-kanchan, Dist.Poona)	P.P.Ponkshe	1969	Dr.C.R.Sane
14.	Impact of Foot and Mouth disease on sexual behaviour & seminal attributes in bulls including study on testicular tissue	N.C.Sharma	1969	Dr.C.R.Sane
15.	Studies on different aspects of physiology & pathology of reproduction in Gir and Rathu cows (Aarey colony) maintained under stall fed conditions	S.A.Sonawane	1969	Dr.C.R.Sane
16.	Hematological studies during reproductive phases in buffaloes.	R.P.Nene	1971	Dr.C.R.Sane
17.	Involution of uterus and post partum fertility in Gir cows with special reference to nutritional status	K.Rangiah	1971	Dr.C.R.Sane& Dr.B.R.Deshpande
18.	Parturition, involution of uterus and puerperal metritis in Gir cows.	P.K.Amrutkar	1971	Dr.B.R.Deshpande
19.	Tonophosphan, Prajana and Prepalin forte in prolonged post partum anoestrus condition in Gir cows.	A.B.Kulkarni	1971	Dr.B.R.Deshpande
20.	Study of post partum anoestrus condition and effectiveness thereof of The increased energy intake	B.G.Mokashi	1972	Dr.C.R.Sane Dr.B.R.Deshpande

21.	Study of some remedial measures in post partum anoestrus condition in Gir cows special reference to blood cholesterol level and vaginal cytology..	V.L.Deopurkar	1974	Dr.B.R.Deshpande
22.	Testicular abnormalities/neoplasms in bovines.	S.G.Zanwar	1974	Dr.B.R.Deshpande
23.	Remedial measures in prolonged post partum anoestrus condition in Gir cows With special reference to serum cholesterol in various reproductive phases.	S.S.Jadhav	1975	Dr.B.R.Deshpande
24.	Seminal attributes in exotic bulls and Murrah buffalo bulls with special reference To cholesterol levels in seminal plasma dilutors & diluted semen	K.V.Narsapurkar	1975	Dr.B.R.Deshpande
25.	studies on seminal attributes in HF and Murrah buffalo bulls.	S.B.Nirmal	1976	Dr.B.R.Deshpande
26.	Prediction of reproductive status in Gir cows by protein, glucose, haemoglobin, and body weights.	J.S.Patil	1976	Dr.B.R.Deshpande
27.	Deep freezing of ram and buck semen by pellet method.	A.A.Nimkar	1977	Dr.B.R.Deshpande
28.	Studies on some remedial measures in prolonged post partum anoestrus condition in stall fed Murrah buffaloes.	N.N.Ansari	1977	Dr.B.R.Deshpande

29.	Studies on certain aspects of reproductive performance in cross bred cattle with special reference to birth weights, body and blood serum cholesterol.	S.M.Deshpande	1977	Dr.B.R.Deshpande
30.	Environmental influence on ovarian activity in Gir cows and trials with Fertivet FVT-300 in post partum anoestrus condition.	S.B.Kodagali	1978	Dr.B.R.Deshpande
31.	Study on sexual behaviour and andrological investigation of bulls meant for Artificial Insemination.	S.P.Salunkhe	1978	Dr.V.B.Hukeri
32.	A study of deep freezing of buffalo bull semen in mini straws.	A.B.Shetti	1979	Dr.V.B.Hukeri
33.	Studies on 24 hours post insemination intra uterine antibiotic formulations (Mastalone U) on genital micro flora and differential leucocytic count in relation to fertility in indigenous cows.	G.B.Killedar	1979	Dr.D.P.Velhankar
34.	Studies on biometrics of pelvis and genital organs of non pregnant and pregnant Bannur ewes and Surti does with special reference to ageing of embryos and foetus.	S.R.Chinchkar	1980	Dr.D.P.Velhankar
35.	Study of sexual behaviour, seminal attributes and	M.A.Thakurdas	1980	Dr.V.B.Hukeri

	fertility of buffalo bulls for natural service.			
36.	Studies on certain aspects of oestrus in repeat breeding cross bred cows (Gir x HF) (Gir x J) remedial measures.	A.J.Wagh	1981	Dr.V.B.Hukeri
37.	Studies on some aspects of brucellosis in Gir x HF, Gir x J and Gir cows with special reference to Terramycin therapy as a prelude to prevent abortion.	R.K.Vaidya	1981	Dr.D.P.Velhankar
38.	Study on deep freezing of buffalo bull semen in various dilutors.	D.S.Patil	1981	Dr.V.B.Hukeri
39.	Study on deep freezing of buffalo bull semen with special reference to addition on epididymal extract (PMSF).	S.O.Dhingra	1982	Dr.V.B.Hukeri
40.	Studies on preservation of cow bulls semen (+5°C) in Tris/Tris Glycerol dilutor packed in vials and straws with special reference to bacterial flora and fertility.	H.V.Kulkarni	1982	Dr.V.B.Hukeri
41.	Deep freezing of buffalo semen with special reference to revival rate of spermatozoa in different packaging straws, freezing rates, thawing temperatures and post thaw keeping quality of chilled semen.	V.G.Phalak	1983	Dr.V.B.Hukeri
42.	Effect of intra uterine infusion in anoestrus cows with special reference	H.S.Birade	1984	Dr.V.L.Deopurkar

	to serum protein bound iodine levels.			
43.	Comparative studies on reproductive and productive performance in Gir and its crosses.	A.P.Chandratre	1984	Dr.D.P.Velhankar
44.	Studies on brucellosis in buffaloes in relation to efficacy of diagnostic tests and therapeutic regime with reference to subsequent reproductive status.	V.N.Bharade	1985	Dr.V.B.Hukeri
45.	Study on some immunological aspects of repeat breeding in cows.	A.B.Gadage	1985	Dr.V.L.Deopurkar
46.	Feasability of using soluble gelatin container for packaging and deep freezing of cow bull semen.	A.J.Thanawala	1985	Dr.S.A.Sonawane
47.	An immunological approach to the problem of repeat breeding in cows.	S.A.Chaubal	1986	Dr.V.L.Deopurkar
48.	Study of deep freezing of buffalo bull semen with special reference to addition of caffeine, Vitamin C and PGF2alpha to the Tris dilutor.	S.V.Shinde	1986	Dr.V.B.Hukeri
49.	Study of oestrus and physical, biochemical and enzymatic aspects of cervical mucus in normal and repeat breeding cross bred cows with special	P.M.Rane	1986	Dr.S.A.Sonawane

	reference to LH blood level and fertility.			
50.	Study of dog semen evaluation and preservation in liquid (+5°C) and frozen (-196°C) state in a suitable extender.	C.B.Daiwadnya	1987	Dr.S.A.Sonawane
51.	Studies on buffalo (<i>Bos bubalis</i>) ovaries, follicles and follicular oocytes with special reference to culture of oocytes <i>in vitro</i> .	D.D.Parkale	1987	Dr.V.B.Hukeri
52.	Study of pH, Spinnbarkeit and electrical resistance of cervical mucus in normal and repeat breeding cows with special reference to intra uterine antibiotic treatment.	M.S.Patil	1987	Dr.S.A.Sonawane
53.	Clinical and endocrine responses to PMSG treatment in post partum anoestrus cow	D.M.Mondhe	1987	Dr.V.L.Deopurkar
54.	Characteristics of buffalo follicular oocytes and their ability to undergo <i>in vitro</i> culture in different culture media.	P.D.Jadhav	1988	Dr.V.B.Hukeri
55.	Clinical responses and serum progesterone profile following PMSG/PGF2alpha treatment in anoestrus cows	S.R.Kelkar	1988	Dr.V.L.Deopurkar

56.	Clinical and endocrine responses in dairy cows following GnRH, PMSG and Prajana treatments during early post partum period.	B.A.Shaikh	1990	Dr.V.L.Deopurkar
57.	Studies on gravid uteri of buffaloes.	M.B.Amle	1990	Dr.S.R.Chinchkar
58.	A study of post thaw keeping quality of frozen cow/buffalo bull semen maintained at room/chilled temperature.	R.M.Bhalde	1990	Dr.V.B.Hukeri
59.	Characterisation and morphological in vitro maturation of buffalo follicular oocytes in different culture media.	C.C.Giri	1992	Dr.S.R.Chinchkar
60.	Therapeutic approach by hormonal and non hormonal agents in anoestrus cows with special reference to serum endocrine profiles.	N.S.Mehetre	1992	Dr.V.L.Deopurkar
61.	Management of repeat breeding cows using prostglandin F2 alpha with special reference to studies on serum progesterone profiles.	A.J.Kherde	1992	Dr.V.L.Deopurkar
62.	Non surgical sterilization of male dogs with special reference to testicular histopathology and hormonal profile.	S.B.Khiarmode	1993	Dr.V.L.Deopurkar

63.	Augmentation of fertility in cattle through A.I. coupled with service of teaser/exogenous oxytocin.	A.R.Birajdar	1993	Dr.V.L.Deopurkar
64.	Study of oestrus behaviour and determination of proper time of natural service in buffaloes with special reference to correlation between rectal and vaginal temperatures and progesterone profiles during oestrus.	P.L.Sawant	1993	Dr.S.R.Chinchkar
65.	Effect of oxytocin and prostaglandin F2alpha on seminal attributes in cross bred bulls.	D.B.Dighe	1994	Dr.S.R.Chinchkar
66.	Study of serum testosterone profile and its correlation with sexual behaviour and seminal attributes in cow bulls.	K.B.Shinde	1994	Dr.V.L.Deopurkar
67.	Non surgical frozen thawed embryo transfer in Gir and its cross breeds reference to conventional as well as one step method and serum progesterone profiles.	K.C.Bhutia	1995	Dr.V.L.Deopurkar
68.	Effect of single/double insemination on conception rate in cows with or without exogenous oxytocin.	R.S.Jadhav	1996	Dr.V.L.Deopurkar
69.	Effect of chelated and non-chelated mineral supplementation in	A.S.Tambe	1996	Dr.V.L.Deopurkar

	enhancing post partum fertility in cows.			
70.	Study of survival rates and fertilizing capacity of post thawed frozen semen straws carried in thermos flask.	D.D.Sawant	1996	Dr.V.L.Deopurkar
71.	Effect of heparin dosage and capacitation time on the acrosome reaction and and fertility of buffalo bull spermatozoa, <i>in – vitro</i>	V.S.Naik	1997	Dr.V.L.Deopurkar
72.	The management of uterine involution in Gir and its cross breeds.	N.R.Dagli	1997	Dr.V.L.Deopurkar
73.	Studies of serum thyroid hormone levels in various reproductive stages and effect of intravenous iodine infusion in post partum anoestrus cows	Bhosale.R.B.	1998	Dr.V.L.Deopurkar
74.	Efficacy of GnRH/double insemination on conception rate of repeat breeder cows and their progesterone profile.	Shelar R.R.	1998	Dr.V.L.Deopurkar
75.	<i>In-Vitro</i> Fertilization of buffalo follicular oocytes.	Wakle S.S	1998	Dr.S.A.Bakshi
76.	Non surgical Embryo Transfer in dairy cattle.	B.R.Raj	1999	Dr.V.L.Deopurkar
77.	<i>In-Vitro</i> Maturation of buffalo follicular oocytes and <i>In-Vitro</i> Capacitation of buffalo sperms.	P.S.Shinde	1999	Dr.S.A.Bakshi
78.	Assessment of clinical efficacy of different therapeutic measures for	Mane.M.T.	2000	Dr.H.S.Birade

	Prevention of abortions due to brucellosis and its sero diagnosis.			
79.	In-Vitro Maturation of buffalo follicular oocytes in media containing FSH and and LH hormone and In-Vitro Capacitation of buffalo sperm in media containing heparin or heparin plus caffeine	Wade A.M.	2000	Dr.S.A.Bakshi
80.	In-Vitro Fertilization of buffalo follicular oocytes by using various techniques for sperm capacitation and oocytes maturation.	Chaudhari.R.J.	2001	Dr.S.A.Bakshi
81.	Cytological endocrinological and histological studies during various reproductive phases.	Kale.R.B.	2001	Dr.V.L.Deopurkar
82.	Studies on oestrus induction in bitches with special reference to progesterone profile	Chavan.M.S.	2001	Dr.H.S.Birade
83.	Comparison of conventional, instant and programmable slow method of freezing for canine semen with special reference to acrosome integrity.	Kadam.V.T.	2001	Dr.V.L.Deopurkar
84.	In-Vitro Maturation of oocytes, capacitation of epididymal sperm and fertilization in sheep	Veer.V.N.	2002	Dr.S.A.Bakshi
85.	In vitro maturation of oocyte, capacitation of	Desai K.R	2002	Dr.S.A.Bakshi

	sperm & fertilization in buffaloes			
86.	Ultrasonographic early pregnancy diagnosis and foetal monitoring in bovines.	Rathod T.T.	2002	Dr.V.L.Deopurkar
87.	Augmenation of fertility in sub-oestrus buffalo using PGF2alpha during low breeding season in correlation to serum progesterone profile.	Koli.S.B.	2003	Dr.V.L.Deopurkar
88.	Study of seminal characters and freezing ability of Surti and Murrah buffalo bull	Baviskar.M.P.	2003	Dr.S.A.Bakshi
89.	Studies on In-Vitro Fertilization in sheep.	Sangle.B.P.	2003	Dr.S.A.Bakshi
90.	Study of improving efficiency in anoestrus cattle with placentrex and combined clomiphene citrate placentrex therapy with special reference to oestradiol, Tri iodothronine (T3) and thyroxin (T4) hormones profile	Kapratwar	2003	Dr.H.S.Birade
91.	Effect of FMD vaccine on post thaw seminal	Kumare J.C.	2004	Dr.S.A.Bakshi
92.	Normal reproductive parameter & early pregnancy diagnosis by USG in thoroughbred mares	Kamble P.C.	2004	Dr.H.S.Birade
93.	Ultrasonography for biometry of gravid uterus to estimate gestational age in canines	N.N.Jaykar	2004	Dr.S.U.Gulavane

94.	Effect of progesterone supplementation during luteal phase on conception rate in repeat breeding buffaloes.	R.B.Bhadane	2004	Dr.S.R.Chinchkar
95.	Superovulation, surgical embryo recovery and cryopreservation of embryos in goats	M.M.Ghag	2005	Dr.S.A.Bakshi
96.	An early pregnancy diagnosis in buffaloes by using ultrasonography and Serum progesterone profile	A.B.Mali	2005	Dr.S.R.Chinchkar
97.	Ultrasonographic and serum progesterone monitoring of ovaries in anoestrus Buffaloes treated using different therapeutic regimes	P.H.Devarkar	2005	Dr.S.U.Gulavane
98.	Testicular scintigraphy in domestic animals	S.L.Kudalkar	2006	Dr.S.A.Bakshi
99.	Use of different laboratory techniques to establish cyclicity reproductive Tract infections and fertility in bitches	S.D.Tandel	2007	Dr.S.A.Bakshi
100.	Evaluation of the reproductive performance monitored by ultrasonography And serum progesterone estimation in crossbreed cows supplemented with Chelated trace minerals	N.Rego	2007	Dr.S.U.Gulavane

101.	Studies on treatment of repeat breeding in buffaloes at farm and field level	K.A.Toranpawar	2007	Dr.S.A.Bakshi
102.	Comparative pregnancy diagnosis by ultrasonography, vaginal biopsy and Serum progesterone in sows	M.B.Devrukhkar	2007	Dr.S.U.Gulavane
103.	Induction of oestrus using GnRH, PMSG & herbal preparation in combination With Lugol's iodine in true anoestrus buffaloes assessed by ultrasonography And progesterone profile	P.P.Darji	2007	Dr.S.R.Chinchkar
104.	Cryopreservation of buffalo bull semen with special reference to enzyme leakage And sperm membrane integrity test	V.M.Pawar	2008	Dr.S.A.Bakshi
105.	Cryopreservation of cow bull semen with special reference to enzyme leakage And sperm membrane integrity tests	S.S.Gaikwad	2008	Dr.S.A.Bakshi
106.	Ultrasonographic monitoring of placenta, foetus and uterine involution in Pre and post partum mares.	D.S.Walawalkar	2008	Dr.S.U.Gulavane
107.	Assessing the effect of laparoscopic oophorectomy on canine early pregnancy By ultrasonography and progesterone profile	K.R.Shelar	2008	Dr.S.U.Gulavane

108.	Ultrasonographic pregnancy diagnosis and foetal ageing in goats	E.H.Syed	2008	Dr.S.U.Gulavane
109.	Testicular biometry and semen quality in canines	V.P.Raul	2009	Dr.S.U.Gulavane
110.	Efficacy of progesterone releasing intra vaginal device (PRID). In synchronization of oestrus and post insemination conception rate in Murrah buffalo.	A.P.Jadhav	2010	
111.	Ultrasonographic monitoring of placenta, foetus and uterine involution in equine threatened abortion.	G.A.Joglekar	2010	Dr.S.U.Gulavane
112.	Evaluation of bull semen from production to insemination in artificial Insemination programme in Maharashtra.	P.L.Linge	2010	Dr.M.N.Rangkear
113.	Induction and synchronization of oestrus in anoestrus cows by different protocol	Y.B.Jadhav	2010	Dr.M.N.Rangkear
114.	Efficacy of the Ovysynch protocol with and without progesterone Supplementation on conception rate after fixed time artificial insemination In anoestrus buffaloes.	V.V.Aher	2011	Dr.M.N.Rangkear
115.	Ultrasonographic pregnancy diagnosis litter size	P.J.Thakur	2011	Dr.M.N.Rangkear

	estimation and foetal ageing in domestic cat			
116.	Therapeutic efficacy of select synch plus lugol's iodine protocol, ovysynch Plus Lugol's iodine protocol & lugol's iodine protocol for enhancing ovarian activity, induction of oestrus and conception rate in post partum.	R.A.Sankhe	2011	Dr.S.A.Bakshi
117.	Clinical studies on effect of laparoscopic ovariectomy along with intra-gestational Sac injection of potassium chloride in pregnant bitches.	K.R.Dongaonkar	2011	Dr.S.U.Gulavane
118.	Efficacy of two different dilutors on semen preservation of Chinchilla and New Zealand White rabbit.	R.J.Dev	2012	Dr.R.J.Chaudhari
119.	Doppler evaluation of utero placental and foetal vessels in different stages of gestation in canines.	A.S.Ghaisas	2012	Dr.S.U.Gulavane
120.	Effect of different prostaglandin F2alpha protocols on days open in lactating Gir and its crossbred cows.	Kaderbhai	2012	Dr.S.A.Bakshi
121.	Computer assisted sperm analysis of epididymal cat spermatozoa and the effect	Lalittha G	2013	Dr.M.N.Rangnekar

	On cold storage on sperm quality			
122.	Diagnosis and comparison of medical and surgical treatment of canine benign prostatic hyperplasia	Ashwini S	2013	Dr.S.U.Gulavane
123.	Determination of optimal breeding time by using different laboratory techniques in bitches	Vishvas Tehlan	2013	Dr. R.J.Chaudhari
124.	Amelioration of post-partum fertility with increased dry matter intake and energy supplementation in gir and its crosses	Nanaware Ramdas Dagadu	2014	Dr.S.U.Gulavane
125.	Efficiency of TRIS-Egg yolk glucose and skim milk extenders for preservation of canine semen at refrigeration temperature.	Navedita S Barve	2014	Dr.S.R. Chinchkar
126.	Therapeutic management of delayed puberty in crossbred heifers.	Sachin B Nagare	2014	R J Chaudhari
127.	Efficacy of different extenders for preservation of buck semen at room and ultra low temperature	Pundkar Snehal Najukrao	2015	Dr. N.R.Dagli
128.	Comparative efficacy of Cyclooxygenase (COX) inhibitors in Repeat breeder cows	Priyanka M.Rokade	2015	Dr. R.J.Chaudhari

129.	Optimisation of progesterone primed estrus synchronization in goats	Arunsati.B.Nair	2015	Dr. S.U.Gulavane
130.	Comparison of leucocyte esterase test and endometrial cytology for diagnosis of endometrium and its treatment using intrauterine hypertonic dextrose solution and antibiotics in post-partum crossbred cows	Lahamate Jalindar Vishnu	2016	Dr.R.J.Chaudhari
131.	Therapeutic management of cystic ovarian degeneration using progesterone primed GnRh-PGF2a and GnRh-PGF2a in Gir and its crosses	Charate Vividha Baburao	2016	Dr.S.U.Gulavane
132.	Augmentation of fertility with the use of Ovsynch and PRID + Ovsynch protocol in anestrus buffaloes	Pichad Hemant Ravindra	2016	Dr.R.R.Shelar
133.	Assessment of feline neonates using the APGAR scoring system	Rubeiro Ruth Ann Isabel Cyril	2017	Dr.S.M.Gaikwad
134.	Augmentation of fertility in Dangi cows by using Ovsynch and double synch protocols	Krishna Pratap Singh Yadav	2017	Dr.R.R.Shelar
135.	Augmentation of fertility with luteotropic hormones in repeat breeding buffaloes.	Vaibjav.P. Deshpande	2017	Dr. U.B.Kumbhar
136.	Management of dystocia in red eared sliders (Trachemys scripta elegans)	A.P. Dhuri	2018	Dr. U.B.Kumbhar

137.	Colour Doppler Ultrasonographic evaluation of uterine blood flow for assessment of estrus in canine	P. M Raikar	2018	Dr.S.M.Gaikwad
138.	Doppler Ultrasonographic evaluation of fetal circulation during pregnancy in Goats	Aruna Venkatachalam	2020	Dr.R.J.Chaudhari
139.	Comparison of Intra-cervical artificial insemination by Vaginoscope and Hysteroscope in Goats	Parpani Jayneel Vinay	2020	Dr. N.R.Dagli
140.	Monitoring Uterine contractile pattern during whelping by Tocodynamometer with foetal Doppler	Chavan Aishwarya Annasaheb	2021	Dr.S.U.Gulavane
141.	Assessment of modified Ovysynch protocols for fertility improvement and gene expression pattern of OAS-1 and MX2 gene during early pregnancy in Dangi cows	Koyande Tanvi Raghunath	2021	Dr.S.M.Gaikwad
142.	Amelioration of fertility with high energy and minerals, vitamins supplements singly and in combination in postpartum Dangi cows.	Vimal Kumar Pandey	2021	Dr.R.R.Shelar
143.	Monitoring Queening in Cats through Tocodynamometry	Lathesh K. B.	2022	Dr. N.R.Dagli
144.	Estrus Induction followed by Fixed Time Artificial Insemination and fertility assessment in Postpartum	Reshmi R. G.	2022	Dr.S.M.Gaikwad

	Buffaloes under field conditions			
145.	Diagnostic evaluation of postpartum Endometritis in Buffaloes with special reference to salivary biochemical changes	Shinde Umesh Chaturbhuj	2022	Dr.R.J.Chaudhari
146.	Antioxidants addition in extender and its effect on spermiogram of chilled semen in canines	Rao Kusumita	2023	Dr.S.M.Gaikwad
147.	Effect of egg yolk and soyabean lecithin-based extenders on buck semen of Konkan kanyal with or without seminal plasma	Rathod Harshala Dilip	2023	Dr.R.J.Chaudhari
148.	Evaluation of pyometra in bitches with special reference to salivary biomarkers	Ashwani	2024	Dr.R.J.Chaudhari
149.	Fertility Assessment Using Programmed Breeding Protocols in Repeat Breeding Cows	Rahangdale Sanjay Yograj	2024	Dr.S.M.Gaikwad
150.	Evaluation of Ovarian Activity Following Oestrus Synchronization Protocols in Gir Cows	Borkar Anand Nilkanthswami	2024	Dr. N.R.Dagli

Doctoral:

Name of Department: Animal Reproduction, Gynaecology & Obstetrics		
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Sr. No.	Name of the Student	Title of Thesis	Year of Completion	Name of the Advisor
1.	Deshpande.B. R.	Morphological changes in the semen picture and testicular tissue with artificially induced subfertility and sterility by scrotal insulation in Rams.	1970	Self Guide
2.	Velhankar D.P.	Growth, puberty and sexual maturity in Gir heifers consequential to different dietary energy levels with critical studies on blood glucose, copper, cholesterol and haemoglobin.	1973	Dr.C.R.Sane
3.	Kodagali.S.B.	Studies on factors affecting anoestrus (pubertal & post partum) State in Gir cattle & traits for resumption of ovarian function.	1980	Dr.C.R.Sane
4.	S.G.Zanwar	Studies on superovulation and embryo transfer in cattle, sheep and goats.	1989	Dr.B.R.Deshpande
5.	Deopurkar V.L.	Endocrinological approach to fertility and infertility in cattle with special reference to serum progesterone profile.	1990	Dr.B.R.Deshpande
6.	Chinchkar.S.R.	Synchronization of oestrus in functionally infertile buffaloes with critical studies on progesterone and oestradiol-17B profiles during induced oestrous cycle and prediction of pregnancy.	1993	Dr.V.B.Hukeri
7.	E.B.Chakurkar	Studies on different aspects of embryo transfer in cattle under farm conditions.	2001	Dr.V.L.Deopurkar

8.	S.U.Gulavane	Studies on the management of fertility and infertility in bitches with special reference to laparoscopy and ultrasonography.	2001	Dr.V.L.Deo purkar
9.	M.N.Rangnekar	Management of repeat breeding syndrome in cows by various diagnostic and therapeutic approaches.	2004	Dr.S.A.Bakshi
10.	P.D.Jadhav	Study of postpartum resumption of ovarian activity and uterine involution monitored by ultrasonography and hormonal assay in Gir and crossbred cows	2004	Dr.V.L.Deo purkar
11.	M.V.Ingawale	Improvement of post partum fertility in buffaloes treated with GnRH and PGF2alpha monitored by ultrasonography.	2005	Dr.S.A.Bakshi
12.	Dagli N.R.	Deep freezing of Usmanabadi & Sirohi buck semen with special reference to plasma membrane integrity & DNA damage.	2012	Dr.S.A.Bakshi
13.	Amle M.B.	Control breeding in Usmanabadi & Sangamneri goats using different hormonal protocols.	2012	Dr.S.A.Bakshi
14.	R.J. Chaudhari	Diagnostic and therapeutic methods in postpartum endometritis and its impact on reproductive performance in crossbred cows.	2018	Dr. S. U. Gulavane
15.	U. B. Kumbhar	Testicular Colour Doppler ultrasonography, testicular biometry, serum testosterone levels, seminal attributes in pre and post pubertal Osmanabadi bucks.	2018	Dr. S. U. Gulavane

16.	R. R. Shelar	Effect of vaccination on pre and post freezing seminal attributes in Pandharpuri buffalo bulls.	2018	Dr. S. U. Gulavane
17.	S. M. Gaikwad	Colour Doppler ultrasonographic evaluation of foet-maternal circulation and assessment of neonate in normal gestation and threatened abortion in canines.	2018	Dr. S. U. Gulavane

5. Research Papers Published:

List of Research Publications:

Sr No	Name of Author s	Year of publica tion	Title of Research Paper	Name Of The Journal	Volume & Page Nos.	NAS S Ratin g
1.	Raj .B.R,Deopurkar.V.L Gulavane. S.U .Naik.V.S	2000	oestrus synchronisation in Gir and its crosses using two prostaglandin analogues for embryo transfer	The Journal Of Bombay Veterinary College	8:43	
2.	Deshmukh B.T., Nagvekar A.S., Talvelkar B.A., Dalvi S.H. and	2001	Effect of bovine somatotropine on blood serum minerals, thyroid hormones & reproductive performance of	Indian J. Animal Sci.	71(7) : 663-666	

	Chinchkar S.R.		lactating crossbred cows.			
3.	Markandeya N.M., Yadav G.U., Chinchkar S.R. and S.S. Kulkarni	2001	A case report on Lactating Buck.	Indian Veterinary J.,	78(12)): 1154- 1155	
4.	Mane,M.T .,Birade,H .S.,Deopurkar,V.L.,Bakshi,S.A. .,Gulavane, S.U.,M.B. Patil,R.S. Nehete and E.B.Chakurkar.	2002	Clinical efficacy of two therapeutic regimes for controlling abortions due to brucellosis in cattle.	J.Bombay Vet. Coll.	10(1 & 2): 42 – 43.	
5.	Mane,M.T .,H.S.Birade, V.L.Deopurkar,S.A. Bakshi,S. U.Gulavane,M.B.Patil, R.S.Nehete and Chakurkar E.B.	2002	Control of abortions in brucella positive cattle using Cotton strain –19 and Levamisole.	J.Bombay Vet. Coll.	10(1 & 2): 54 – 55.	
6.	Wakle,S.S ., Bakshi,S.	2002	Recovery percentage of culturable buffalo oocytes from	Indian Vet. J.	79(12)):125	

	A, and Deopurkar ,V.L. (2002).		different sized ovarian follicles.		2 – 1253.	
7.	Wakle.S.S ., Bakshi. S.A. and Deopurkar .V.L.	2002	In-Vitr Maturation of buffalo follicular oocytes in TCM – 199 and DPBS medium supplemented with BSA.	Indian Vet. J.	79(22): 1253 – 1255.	
8.	Shelar R.R.; Deopukar V.L.; Bakshi S.A.; Gulvane S U.	2002.	Efficacy of Pre-insemination treatment with GnRH for improving conception rate in Repeat Breeder Cows	Indian Journal Of Animal Animal Reprod uction.,	23(1): 69- 70;	
9.	Naik.V.S, Deopurkar .V.L and Gulavane. S.U.	2002	Micrometry of buffalo oocytes recovered from different size of ovarian follicles.	Indian J. Of Animal Reprod.	23(1): 63 – 64	
10.	Shelar.R.S , Deopurkar .V.L, Bakshi.S. A and Gulavane. S.U.	2002	Efficacy of pre-insemination treatment with GnRH for improving conception rate in repeat breeder cows.	Indian J. Of Animal Reprod.	23(1): 69 – 70	

11.	Chakurkar E.B., Deopurkar V.L., Birade H.S. and Chinchkar S.R.	2003	Serum progesterone levels in recipients of Gir and its crosses after embryo transfer under farm conditions.	J. Bombay Veterinary College	11(1 &2):45	
12.	Birade H.S., Purbey L.N., Ansari M.R., Singh L.P., Chinchkar S.R. Deopurkar V.L.	2003	Study of estrus induction and response of thyroid gland following intra-uterine iodine infusion in postpartum anoestrus cows.	J. Bombay Veterinary College	11(1 &2):9-11	
13.	Chakurkar E.B., Deopurkar V.L. Chinchkar S.R., ,	2003	Comparison of pregnancy rate in ETT and Artificial Insemination based on progesterone level on seventh day post estrus.	J. Bombay Veterinary College	11(1 &2):78-20	
14.	Chakurkar E.B., Deopurkar V.L., Chinchkar S.R. and Patil M.B.	2003	Effect of Phosphorus supplementation on progesterone out put in Gir and its Crossbred Cows	Animal Nutrition And Feed Tech.	3:83-86	
15.	Deopurkar V.L., Naik.V.S, Raj.B.R,	2003	Super ovulation in Gir crossbreds using	Indian.J .Animal	24(1) : 58-59	

	Gulavane. S..U, Chaubal.S .A, and.Jadha v.P.D.		Follicle Stimulating Hormone.	Reprod uction.,		
16.	Dagli,N.R . , Deopurkar ,V.L., Bakshi,S. A. Birade,H. S. and Gulavane, S.U.	2004	Serum Ca ⁺⁺ and P ⁺⁺ profile during peri- parturient period in cows.	J.Of Bomba y Veterin ary College .	12(1 & 2) pg 30 – 31.	
17.	Gulavane, S.U., Chinchkar ,S.R. Dagli,N.R ., Dhadake, S.M. and Mali,A.B	2004	Artificial Insemination in Neopolitan Bitch – A case report.	J.Of.Bo mbay Veterin ary College .	12(1 & 2) pg 78.	
18.	Chakurkar E.B., Deopurkar V.L., Bakshi S.A. and Chinchkar S.R.	2004	Success rate of Embryo Transfer and Serum Progesterone levels in Recipients of Gir and its crosses under Farm conditions.	Indian Vet J.,	81:25 0-254	
19.	Kamble P.C., Birade H.S., Deopurkar	2004	Study of Birth Weight to Placental Weight & Sex Ratio	J. Bomba y Veterin	12(1 &2):7 9	

	V.L., Patil M. B., Bakshi S.A., Chinchkar S.R. Gulavane S.U. and Yadav G.B.		in Thorough Bred Equines	ary College		
20.	RathodT. T.,Deopur karV.L., Gulavane S.U., Bakshi S.A., Birade H.S., Chinchkar S.R. and Patil M.B.	2004	Early pregnancy by serum progesterone estimation in cows.	Indian Vet. Med.	J. 28(2): 165 – 166.	
21.	Chakurkar E.B., Deopurkar V.L., Bakshi S.A. and Chaubal S.A.	2004	Embryo recovery in Gir and its crosses with different gonadotrophin.	Indian J. Vet. Res.	13(1): 13 – 17.	
22.	Amle M.B; Shelar R.R.; Thorat M.G. Zope A.N.	2004	Congenital umbilical hernia and Cryptochidism in Pandharpuri Buffalo calf	Buffalo Bulletin	Vol.2 3 No.4: 82-83	

23.	Birade H.S., Dagli N.R., Rego N, Tandel S., Naderge M., Dhadake M., Mali A.B and Kadam V.T	2004	Crackers –A possible cause of Uterine Inertia in Bitches.	The J Of Bomba y Veterin ary College	12 (1 & 2): 63	
24.	Kmable P.C., Birade H.S, Depourkar V.L., Patil M.B., Bakshi S.A., Chinchkar S.R., Gulvane S.U., and Dagli N.R	2005	Early pregnancy diagnosis by ultrasonography in through bred Mares.	The J Of Bomba y Veterin ary College .	13 (1 & 2): 33 – 35	
	Dhadake S.M., Birade H.S, Bakshi S.A., Chinchkar S.R., Badgujar C.L., Gulvane S.U., and	2005	Comparative study of fetotomy and caesarean section in buffaloes.	The J Of Bomba y Veterin ary College	13 (1 & 2):42 – 45	

	Dagli N.R.,					
25.	Rangnekar ,M.N., Bakshi,S. A., Deopurkar ,V.L., Chinchkar ,S.R., Birade,H. S., Gulavane, S.U., Hol,B.G. and Jadhav,P. D.	2005	.Effect of Busrel in Acetate Administration on Conception Rate in Repeat Breeding Cows	The Journal Of Bombay Veterinary College .	Vol:1 3(1& 2) pp.26 – 27	
26.	Rangnekar M. N, Bakshi S.A., Deopurkar V. L., Chinchkar S. R., Birade H. S. Gulvane S.U., Hol B. G and Jadhav P. D.	2005	Effect of Enrofloxacin and Metronidazole on pregnancy rate in repeat breeding cows.	Journal Of Bom. Veterinary College	13 (1 & 2), 60 – 61	
27.	Bidare HS., Deshmukh B.T.,	2005	Comparative apprised of serum thyroxin hormones in buffalo and cow bulls	J. Bombay Veterin	13(1 &2):5 7-59	

	Vadnere N.B., Nagvekar A.S., Ingole S.D., Chinchkar S.R., Bharucha S.V.			ary College		
28.	Birade H.S, Raj B.R., Badgujar C.L., Gulvane S.U., Lokhande D.U., Gaikwad R.V., Dagli N.R., Palmpalle H.Y. and Gaikwad S.S.	2005	Rumen impaction with plastic - an unusual cause of dystokia: A case report	The J Of Bombay Veterinary College .	13 (1 & 2):12 3- 124.	
29.	Birade H.S, Ingawale M.V., Badgujar C.L., Bakshi S.A., Gulvane S.U., Dagli N.R.,	2005	Congenital Goiter in a Kid – A case report.	The J Of Bombay Veterinary College	13 (1 & 2):12 6	

30.	Birade H.S, Dagli N.R., Rego Nicol, Tandel Shivani, Topanwar K.A. and Karmbele N.R.	2005	Successful relieving of dystokia due to incomplete dilatation of cervix by foetotomy in sheep – A case repor	The J Of Bomba y Veterin ary College	13 (1 & 2):12 7	
31.	ZopeA.N.; ShelarR.R ∴ Kulkarni M.D& SalvekarS. P.	2006	Atresia ani et recti in a newborn Khillar Calf	Indian Journal of Field Vet	Vol.2 No. 2 P 30: 31	
32.	UlemaleA .H.;. Kulkarni M.D&She larR.R.	2007	Epidemiological studies on incidence of mastitis in crossbred cattle	Indian Journal of Field Vet	Vol.2 No. 3 : P 36: 39	
33.	ShelarR.R .; Kulkarni M.D.; Borikar S.T. & ZopeA.N.	2007	Enucleation of papilloma in a cross bred cow – A case report	Indian Journal of Field Vet	Vol.3 No. 2 P 51: 52	
34.	Narale N. L.; Amle M.B.; Shelar R. R. &	2007	Stdies on Parturition Traits in Thoroughbred Mares	J. Bomba y Vet. College	15 (1 &2): 125- 126	

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35.	Rangnekar M. N., Bakshi S. A., Deopurkar V. L., Gulvane S. U. & Jadhav P. D.	2007	Early pregnancy diagnosis in cattle by ultrasonography.	Journal Of Bom. Veterin ary College	15 (1 & 2), 15 – 17.	
36.	Rangnekar M. N., Bakshi S. A., Deopurkar V. L., Gulvane S. U. & Jadhav P. D.	2007	Effect of streptopenicillin and metronidazole on conception rate in repeat breeding cows.	Journal Of Bom. Veterin ary College	15 (1 & 2), 110 – 111.	
37.	Rego N.L., Gulavane S.U., Patil M.B., . Bakshi S.A, Chinchkar S.R. Bakshi S.A.,	2008	Comparison of Per- rectal and Transrectal Ultrasonographic Ovarian observations in Post partum Crossbred Cattle	J. Bomba y Veterin ary College	16(1): 1-2	

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38.	Rego N.L., Gulavane S.U., Patil M.B., Bakshi S.A., Chinchkar S.R. S.A. Bakshi, and Birade H.S.	2008	Effect of Chelated Mineral Supplementation on the Body Condition Scores, Body Weight and Post Partum Fertility of Crossbred Cattle	J. Bomba y Veterin ary College	16(1): 19-22	
39.	Shelar R.R., Deopurkar V.L, Bakshi S.A., Chinchkar S.R. and Gulavane S.U.	2008	Early Pregnancy Diagnosis by Estimation of Serum Progesterone in cows.	Intas Polivet	9(11): 351- 352	
40.	Pawar.Y.P . Sabale.S.S ., Shinde.P. R., Rathod.S. B., Yerolka.A .J.,	2008	Acute form of Erlichiosis in dog. .	The Journal Of Bomba y Veterin ary College ,	Vol:1 6(1), pp. 73-74	

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41.	UlemaleA .H.; Kulkarni M.D. Shelar R.R. & KhasnisM W.	2008	Epidemiological of FMD in crossbred cattle	Indian Journal of Field Vet	Vol.4 No. 2 : P 25: 28	
42.	DawaneS C, DhobleR L, Chaudhari R J and ManeP M	2008	B-mode real time ultrasonography for early pregnancy diagnosis in sheep.	Intas Polivet	Vol.9 no II;	
43.	Shelar R.R.; Deopukar V.L. Bakshi S.A.; S.R. Chinchkar	2008	Early Pregnancy Diagnosis by estimation of serum progesterone in cows	Intas Polivet	Vol.9 No. II p 351- 352	
44.	MaliA. B.; KoliS.B.;I ngawale M.V. Shelar R.R.	2008	Ultrasonography for Early Pregnancy Diagnosis in cows under field conditions	Intas Polivet	Vol.9 No. II p 351- 352	

45.	Dagli.N.R .Gulavane. S.U., Bakshi.S. A., Pawar.V. D.	2009	Use of Ovu-syn protocol as a reproductive management tool for buffalo dairy farm.	Indian Dairym an,		
46.	Jawale.M. R Kank.V.D . Patil.M.B. ,Chopade. S.B., Jagdale.S. B., Gulavane. S.U., Gadegaon kar.G.N. and Karambal e.N.R.	2009	.Nutritional status of dairy animals in Thane districts of Maharashtra.	The Journal Of Bomba y Veterin ary College .	Vol:1 7(1), pp. 74 - 76	
47.	Birade H.S., Shelar R.R..Khill areK.P, Dalvi V R.	2009	Care and management of piglets for preventing piglet anaemia	Intas Polivet	Vol. 10 No.II 408- 410	
48.	Kumbhar U.B, Suryawan shi A.A., Mulani J.B. &	2009	Clinical Management of Post-partum eversion of Uterus in Marathwadi Buffalo	Veterin ary World,	Vol.2 (5): 202.	

	Raghuwanshi D.S.					
49.	Patil A. D., Raghuwanshi D.S. and Kumbhar U.B. and Maini Shivi	2009	Efficacy of Herbal Heat Inducer and Mineral Supplimentations for inducing fertility in post partum Anoestrus deccani Sheep	Indian Journal Of Animal Reproduction	30 (1)	
50.	Kumbhar U.B. Patil A. D., Raghuwanshi D.S., Ugile S.S., Ingle S.S. and Bagle S.S.	2009	A rare case of Monster in a Osmanabadi Kid,	Veterinary Practitioner,	Vol. 11 No.1 Pp 5-7.	
51.	Patil A. D., Raghuwanshi D.S. and Kumbhar U.B., Chaudhari K.S. and Thorat M. G.	2009	Thoracopagus sternophagus conjoined twin in a Marathwadi Buffalo Calf,	Veterinary Practitioner,	Vol. 10 No.2 Pp 155-156.	
52.	Raghorde Y.M., Chinchkar S.R., Sahatpure S.K., Patil	2010	Efficacy of Ovsynch Protocol for oestrus synchronization and conception rate in heifers and post partum buffaloes.	J. Bombay Vet. Coll.	18(1): 65-67	

	M.S. Gaikwad S.M. and Dhakate M.S.					
53.	Raul V.P, Gulavane S.U, Rangnekar M.N, Nehete S.R, Bakshi S.A, Dagli N.R, Jadhav Y.B.	2010	Comparison of testicular volume measured by ultrasonography vernier calipers in fertile dogs..	Bom Veterin ary College	18 (1), 52- 54.	
54.	Raul V.P.,Gula vane S.U., Bakshi S. A., Rangnekar M.N., Nehete R.S., Bannalika r A. S., Dagli. N.R., Jhadhav Y. B.	2010	Macroscopic and microscopic seminal attributes in toy and large breed dogs.	Bom. Veterin ary College	18 (1), 55 – 57.	
55.	Padalkar Mukul, Rangnekar M.N.,Gul vane S.	2010	Relieving dystocia in a doe with foetal bilateral shoulder flexion.	Bom. Veterin ary College	18 (1), 82.	

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56.	Sankhe R.A.,Jadh av A.N., Thakur P.J., Dongaonk ar K.R.,Dev R.J., Gulvane S.U., Rangnekar M.N., Bakshi S.A.	2010	A rare case of canine vaginal hyperplasia.	Bom. Veterin ary College	18 (1), 83.	
57.	Kumbhar U.B. Patil A. D., Ravikanth K., Shivi maini, Rekhe D.S., Raguwans hi D.S. and Kumbhar U.B.	2010	Role of AV/UTL/17, Janova and Minitrus in fertility induction and treatment of post partum anoestrus in Osmanabadi goats.	Veterin ary Practiti oner,	Vol. 11 No.1 Pp 5- 6.	
58.	Zope, A.N. Kulkarni, M.D. Shelar R.R.	2010	Non specific bilateral polypoid granuloma in external nares in a jersey crossbred cow.	Animal Science Reporte r,	Vol 4(4) Pp. 152- 155	

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59.	ZopeA.N., AmleM .B., Shelar R.R.and. JadhavA .R	2010	Surgical management of atresia ani in Khillar male calf	J.Bomb ay Vet.Col l.	18 (1): 68	
60.	Narale N. L., Shelar R. R., Amle M.B. and Jadhav P.T.	2010	Incidence of patent uracus in thoroughbred Foals	J.Bomb ay Vet.Col l.	18 (1): 69-70	
61.	More B. K., Amle M. B. and ShelarR.R .	2010	A case of per acute traumatic reticulo- pericarditis in a cow	J.Bomb ay Vet.Col l.	18 (1): 81	
62.	Deshmukh Y. D, Markande ya1N. M., Chaudhari R.J. AndDesh mukhV. V.	2010	Progesterone profile in two different protocols of estrus synchronization in post partum red kandhari cows	Indian Journal Of Animal Reprod uction	31 (2)	
63.	Kumbhar U.B., Raguwans hi D.S.	2010	Efficacy of PGF2 alpha with oxytetracycline in toxic puerperal metritis in cows,	Veterin ary Practiti oner,	Vol. 11 No.2 Pp 153	

	Patil A. D.					
64.	Patil A D, Kumbhar U.B. & Thorat Kanchan	2011	Prepartum rectal prolapsed in buffalo,	Intas Polivet	Vol. 12 no.1 : 46- 47	
65.	Bhadane R.P,Chinc hkar S.R.,Deop urkar, V.L.,Baks hi S.A.,Birad e, H.S. and Gulavane, S.U	2011-12	Efficacy of progesterone supplementation during luteal phase on conception rate in repeat breeding buffaloes	J. Bomba y Vet. College	19(1 &2):3 7-41	
66.	.Ingawale M.V,Baks hiS.A., Birade H.S., Chinchkar S.R. and Gulavane S.U.	2011	Studies on progesterone levels in pregnant and non pregnantMurrah buffaloes	Indian Buffalo Journal	9(2): 10- 12.	
67.	Gulavane S. U., ChariarV. M. and KhareY. B.	2011	Diagnosis of ovarian remnant syndrome and laproscopic excision in bitches	Indian Journal Of Animal Reprod uction		

68.	Lakde B. Markandeya N.M., Sanap N.A. and Chaudhari R.J.	2011	Prevention of recurrence of cervico-vaginal prolapse by rope truss method in ante-partum buffaloes at field level	Veterinary Practitioner	Vol. 12 No. 1	
69.	Kumbhar U.B. Patil A. D., Raguwanshi D.S. and Thorat Kanchan	2011	A case of bull dog fetal monster in a deoni cow	Indian Journal Of Animal Reproduction.	32 (1) :: 67	
70.	Patil A. D., Raguwanshi D.S. and Kumbhar U.B. and Maini Shivi	2011	Effect of Herbal drugs and Minerals on fertility in post partum Anoestrus Osmanabadi goats	Indian Journal Of Animal Reproduction	32 (1) : : 57	
71.	V.L.Jadhav, S.D. Moregaonkar, A. D. Patil, U.B. Kumbhar, K.S. Chaudhari , S.S. Pitlawar and N.m. Bhojane	2011	Monstrosity in a Non-discript cow,	Indian Veterinary Journal, ;	88(8) : 113-114.	

72.	Kumbhar U.B. Moregaonkar S.D., Patil A. D., Jadhav V.L., Bhojane N.M., and Thorat Kanchan	2011	Hydroamnion with bull dog foetus in a deoni cow ,.	Indian Veterinary Journal, ;	88(10) : 121-123	
73.	Kumbhar U.B. Patil A. D., Raguwanshi D.S. and Thorat Kanchan	2011	Non Surgical treatment Management of Uterine Torsion in Marathwadi buffaloes – A case report of 15 cases .	Intas Polivet	Vol.1 2 No. II: 325-326	
74.	Pathan Muqtar Ahmed Moinoddin, U. B. Kumbhar, M.S. Dandopant, Anil D. Patil, Minhajali Khan and Rahul M More	2012.	Dicephalus tetrapus tetrabrachius tricaudatus ischiopagus: A conjoined twin calf,	Indian Journal Veterinary Pathology, ,	36(1) : 86-87	
75.	Kumbhar U.B. Thorat Kanchan, Ghoke	2012	Management of delayed puberty in Marathwadi buffalo heifers with special reference to	Indian Journal Of Animal	82 (2): 174–175	

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76.	Kumbhar U.B. Moregaonkar S.D., Patil A. D., chaudhar K.S, Jadhav V.L., and Thorat Kanchan	2012	Dystocia due to a bull dog calf with hemimelia in a Marathwadi buffalo ,	Indian Veterinary Journal, ;.	89(04) : 67-68	
77.	Lakde M B., Markandey N. M, Chaudhari R.J, Sanap N. A. and Patharkar S. C.	2011-12	Bicornual Uterine Prolaps in Osmanabadi Goat,	J. Bombay Vet. College	Vol. (1&2) : 72	
78.	Lakde.M. B., Chaudhari R. J., Markandeya N. M and Sanap N. A.	2011-12.	A Case Report of Uterine Torsion in Non Descript Goat.	J. Bombay Vet. College	Vol. (1&2) : 72	
79.	Ingawale M.V.,Bakshi S.A.,	2012	Studies on follicular development in Murrha buffaloes	Buffalo Bulletin	31(4): 193-201.	

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80.	Ingawale M.V., Bakshi S.A., Birade H.S., Chinchkar S.R. and Gulavane S.U.	2012	Early detection of pregnancy using ultrasonography in buffaloes	Buffalo Bulletin.	31(4): 202- 208	
81.	.BiradeH. S, ShelarR.R .. ZopeA.N,	2012	Cervicovaginal prolapsed in a non- pregnant Khillar cow and its management	Intas Polivet	Vol.1 3 No. II p 38-39	
82.	Kumbhar U.B. Thorat Kanchan, Patil A. D., Kumbhar U.B.and Ghoke S.S.	2012	Improving Fertility in postpartum Marathwadi anoestrus buffaloes using Ovsynch and Selectsynch protocol	Indian Journal Of Animal Reprod uction	33 (2) :: 58- 60.	
83.	R. M. More , A. D. Patil, U.B. Kumbhar,	2012	Fertility Improvement by hormonal therapies in repeat breeding cows	Indian Journal Of Animal	33 (2): 61- 63	

	and R.R. Mugale			Reproduction		
84.	Kumbhar U.B. Patil A. D., More R. M., and Gacche S. M.	2012	Dystokia in marathwadi buffalo due to monster with Arthrogryposis	Indian Journal Of Animal Reproduction	33 (2) :: 100-101	
85.	Kumbhar U.B. Mugale R.R., Patil A. D. And More Rahul.	2013	Management Of Eversion Of Uterus In Osmanabadi Goat,	Veterinary Practitioner,	Vol. No.14 No.1 Pp 68	
86.	Chaudhari R. I., Gulavane S. U.ChinchkarS. R. And JawaleR. S.	2013	Effect of different oocyte recovery techniques on culturable quality of oocyte from slaughtered buffalo ovaries	J. Bombay Vet. College	Vol. 20(2)	
87.	Kumari Anuradha, Baig M.I., Kodape A.H., Dagli N.R., Patwardhan S.H. and Ghorpade P.P.	2013	Growth performance of Osmanabadi kids under different housing systems	The Indian Journal Of Small Ruminants.	19(2): 215-216	

88.	Dagli N.R., Bakshi S.A., Gulavane S.U., Baig M.I., Anage G.V., B.T. and Ghorpade P.P.	2014	Conception rate in Osmanabadi goats using frozen semen preserved in different cryoprotectants	The Indian Journal Of Small Ruminants .	20(1): 101-103	
89.	Gulavane S.U., Thakur P.J., Rangnekar A.N. and Chaudhari R.J.	2014	Fetometry for Estimation of Days for Parturition In Persian Cats	Intas Polivet	Vol. 15 (II): 208 - 210	
90.	Dagli N. R.; Bakshi S.A.; Gulavane S.U.; Vana ge Geeta	2014	Effect of different cryoprotectants on sperm plasma membrane integrity of Osmanabadi and Sirohi buck semen.	Indian Journal Of Animal Reproduction	35 (2) 6-9	
91.	Thakur P. J., Rangnekar M. N., Gulavane S.U. and Chaudhari R. J.	2014	Litter size in Persian cats and its influence on gestation length.	Indian Journal Of Canine Practice .	Vol. 6(1). 33-37	

92.	Gulavane S.U., Rangnekar M. N., Bakshi S. A., Chaudhari R. J. and Thakur P. J.	2014	Ultrasonographic pregnancy diagnosis and landmarks in domestic cats	Indian Journal Of Canine Practice	Vol. 6 (1). 33-37	
93.	Dagli N.R., Bakshi S.A., Gulavane S.U., Vana ge Geeta.	2014	Effect of Glycerol on Sperm Acrosomal Intactness in Buck Semen	Journal Of Bombay Veterinary College	21(1): 80-81	
94.	Ingawale M.V., Bakshi S.A., Bi rade H.S., Chinchkar S.R. and Gulavane S.U.	2014	Effect of GnRH and PGF2 alpha administration in early post-partum period on fertility potential of buffaloes	Buffalo Bulletin	33(2): 228- 232	
95.	Amle M.B., Bakshi S.A., Birade H.S., Gulavane S.U. and Bannalika r A.S.	2014	Sonographic determination of fetal age in Sangamneri and Osmanabadi goats	Indian J. Anim. Reprod	35(2): 36-37	

96.	Mane P.M., Dhoble R.L., Suryawan shi P.R., Gaikwad S.M. and Chaudhari R.J.	2014	Effect of Mineral Supplementation on Serum Calcium and Phosphorus levels in Pre and Post-Partum Marathwadi Buffaloes	Intas Polivet	Vol. 15 (I): 55-60	
97.	Suryawan shi P. R., Mane P.M.,Dho ble R.L. and Chaudhari R.J.	2014	Effect of Mineral and Vitamin supplementation on Parturition in Red Kandhari cows	Intas Polivet	Vol. 15 (II): 192- 198	
98.	Lakde M.B., Markande yaN.M., SanapN.A ., BiradarB. P. and Chaudhari R.J.	2014	A Haemato- Biochemical Study of Postpartum Buffaloes with Uterine Prolapse	Intas Polivet	Vol. 15 (II): 400- 402	
99.	Dagli N.R., Bakshi S.A., Gulavane S.U., Baig M.I., Vanage G.,	2014	Conception rate in Osmanabadi goats using frozen semen preserved in different cryoprotectants	The Indian Journal Of Small Rumina nts	20(1): 101- 103	

	Deshmukh B.T. and Ghorpade P.P.					
100.	Sawale G.K., Gavhane D.S., Dagli N.R., Pallampall e H.Y. and Moregaon kar S.D.	2014	Traumatic reticular Diaphragmatic Hernia in Buffalo : case report	Indian Veterin ary Journal	92(2) : 54 - 56	
101.	Dagli N. R.; Bakshi S.A.; Gulawane S.U.; Vanage Geeta	2014	Effect of different cryoprotectants on sperm plasma membrane integrity of Osmanabadi and Sirohi buck semen.	Indian Journal Of Animal Reprod uction.	35 (2) 6-9	
102.	Pethe Pradnya, Dagli N.R. and Sawale G.K.	2015	Perineal Hernioplasty in Dog	Indian Journal Of Canine Practic e.	Volu me 7, Issue 2, Pg181 -183	
103.	GhaisasA nushree,G ulavaneS. U.,Rangne karM.N., Chaudhari	2015	Ultrasonographic Evaluation of the Correlation of Fetal and Maternal HearL Rates during Gestation in Canines	Intas Polivet	Vol. 16 (I): 19-20	

	R.J. and RaulVivek					
104.	AmleM. B., BakshiS. A., BiradeH. S. and Gulavane S. U.	2015	Estrus synchronization with double injection regimen of prostaglandin f2 alpha and resultant fecundity in Sangamneri and Osmanabadi goats	The Indian Veterinary Journal	(Vol. 92)	
105.	Amle M.B., Bakshi S.A.,BiradeH.S. and Gulavane S.U.	2015	Serum progesterone profile during different stages of estrus synchronization and pregnancy in Sangamneri and Osmanabadi goats	Indian Vet. J.	92 (2): 40-43	
106.	Dagli N R, Bakhi SA, Gulavane S U, Vanage Geeta.	2015	Effect of DMSO on acrosomal intactness in	Indian Journal Of Animal Research.	Vol 25(1) 56-58	
107.	Syed EH, Gulavane SU.	2015	Real time ultrasonography in determining viable foetal numbers in goats.	J Of Animal Research.		

Sr. No .	Author(s)	Year	Title of the Research Paper	Name of Journal,	Volume ; Page Nos.	NAAS Rating
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1	V.K. Munde, R.L. Dhoble, M.N. Ambore, S.M. Gaikwad and A.G. Sawale	2008	Ultrasonographic Diagnosis of Early Pregnancy in Buffalo	INTAS POLIVET (2008) Vol. 9 No. II : 357- 359	357-359	Non- Referred
2	Ambore, M. N. ; Gaikwad, S. M. ; Dhoble, R. L.	2009	Efficacy of PGF ₂ α ADMIN ¹ istration by IVSM route for estrus introduction in post-partum cyclic cows.	Asian Journal of Animal Science 200 9 Vol.4 No.1 pp.15-17 ref.22	15-17	Non- Referred
3	Gaikwad, S. M. ; Sawale, A. G. ; Dhoble, R. L.	2010	Clinical management of metritis in buffaloes.	Blue Cross Book 2010 No.25 pp.52- 54	52-54	Non- Referred
4	Kale V.D., Ulemale A.H., Gaikwad S.M., Kadam D.V. and Patil H.M.	2012	Surgical management of sole ulcer, interdigital hyperplasia and white line disease in a Jersey cow	Blue Cross Book 2012 No.27 pp.57- 58	57-58	Non- Referred

5	Gaikwad S.M., Kale V.D	2012	Successful management of uterine torsion in a crossbred cow: A case report	Blue Cross Book 2012 No.27 pp.59-60	59-60	Non-Referred
6	Ambore M.N., Naik P.M., Gaikwad S. M., Sawale A.G. And Dhoble R.L.	2013	Progesterone, pmsg and hcg treatment for estrus induction and twinning in osmanabadi goats	Multilogic in Science, An International Refreed & Indexed Quarterly Journal Vol II, Issue IV Jan 2013		Peer Reviewed NAAS Rating 3.45
7	P.M. Mane, R.L. Dhoble, P.R. Suryavanshi, S.M. Gaikwad, and R.J. Chaudhari	2014	Effect of mineral supplementation on serum calcium and phosphorous levels in pre and post-partum Marathwadi buffaloes.	Intas Polivet (2014) Vol. 15 (I): 55-60	55-60	Non-Referred
8	P.M. Mane, S.M. Gaikwad, R.L. Dhoble, R.J. Chaudhari, A.G. Sawale, P.R. Suryawanshi	2016	Effect of mineral supplementation on involution, post-partum ovarian activity and conception rate in	Buffalo Bulletin (June 2016) Vol.35 No.2		NAAS Rating 6.03

	and S.C. Dawane		marathwadi buffaloes			
9	S.M. Gaikwad, S.U. Gulavane, U.B. Kumbhar, RR. Shelar	201 5	Foetal Age Estimation Using Ultrasonic Measurements of Different Foetal Parameters in Goats	The Journal of BVC (2015) , Vol. 22, No.1, 12-16	12-16	NAAS Rating 2.67
10	U.B. Kumbhar, S.U. Gulavane, S.M. Gaikwad, RR. Shelar	201 5	Enhancement of Breeding efficiency of Crossbreed HF Cows through Prostaglandins and GnRH Traetment at field level	The Journal of BVC (2015) , Vol. 22, No. 1, 58-62	58-62	NAAS Rating 2.67
11	U.B. Kumbhar, S.U. Gulavane, S.M. Gaikwad, RR. Shelar, D.U. Lokhande, S.D. Ingole	201 6	Relationship of Testicular Biometry With Body Weight, Scrotal Circumference in pre and post pubertal Osmanabadi bucks	The Journal of BVC (2016) Vol.23 (1): 38-44	38-44	NAAS Rating 2.67
12	V. P. Deshpande,U.B	201 6	Enhancement of conception	The Journal of BVC	45-47	NAAS Rating

	. Kumbhar, S.U. Gulavane, S.M. Gaikwad, RR. Shelar, R.J. Chaudhari		rate through luteotropic hormones in non-infectious repeat breeding buffaloes on field level	(2016) Vol.23 (1) : 45-47		2.67
13	Yadav KPS, RR. Shelar, S.U. Gulavane, G.S. Ambhore, R.J. Chaudhari, U.B. Kumbhar, S.M. Gaikwad.	2017	Physical Properties Cervical Mucus in Induced Estruses and its Correlation to Fertility in Dangi Cows	The Journal of BVC (2017) Vol.24 (1) : 24-27	24-27	NAAS Rating 2.67
14	R.I. Riberio, S.M. Gaikwad, S.U. Gulavane, U.B. Kumbhar, D.A. Pawalkar and K.S. Chaudhari	2017	Ultrasonographi c Estimation of Litter Size and Measurement of Combined Thickness of Uterus and Placenta (CTUP) in Persian Cats	The Journal of BVC (2017) Vol.24 (1) : 74-77	74-77	NAAS Rating 2.67
15	S.M. Gaikwad, S.U. Gulavane, M.M. Gatne, Geetanjali Sachdeva,, S.H. Dalvi, U.B. Kumbhar,	2017	Ultrasonographi c measurements of the combined thickness of the uterus and	The Journal of BVC (2017) Vol.24 (1) : 83- 87	83- 87	NAAS Rating 2.67

			placenta in canines			
16	U. B. Kumbhar, S. U. Gulavane, S. M. Gaikwad, D. U. Lokhande, S. D. Ingole and G. Sachdeva	2017	Relationship of Ultrasonographic Testicular Biometry with Body Weight, Scrotal Circumference in Pre and Post Pubertal Osmanabadi Bucks	International Journal of Livestock Research (2017) Vol. 7(11), 206-214	206-214	NAAS Rating - 5.36
17	U. B. Kumbhar*, A. P. Dhuri, S. U. Gulavane, S. M. Gaikwad, R. J. Chaudhari, K. S. Chaudhari, and P. Raikar	2018	Study of Incidence, Hematological and Biochemical Parameters in Cptive Red Eared Slider Turtles with Dystocia	J. Bombay Vet. College (2018) 25(2): 13-16	13-16	NAAS Rating 2.67
18	S. M. Gaikwad, R. J. Choudhari, R. R. Shelar, S. U. Gulavane, A. A.Chavan, V. M. Pande and T. R. Koyande	2018	Dystocia in Cow Due to Breech presentation: A Case Report	Vet. College (2018) 25(2): 101-102	101-102	NAAS Rating 2.67
19	RR. Shelar, SU, Gulvane, S.M. Gaikwad,	2019	Effect of Vaccination on sexual Behaviour	The Indian Journal of Veterinary	75-78	NAAS rated

	UB, Kumbhar, RJ Chaudhari,		of Pandharpuri Buffalo bulls	Science and Biotchnology, Vol 15 Issue 1: 75-78. (2019)		/Peer reviewed NAAS rating: 5.58
20	UB. Kumbhar, SU. Gulvane, SM, Gaikwad, RR. Shelar, VP VP Deshpande R. Ruth KP Yadav;	2019	Correlation of testicular USG, testicular biometry, serum testosterone levels and seminal attributes in pre and post pubertal age for breeding soundness evaluation in Osmanabadi bucks	Tropical Animal Health and Production' 9 Feb (2019);		NAAS Rating- 6.98
21	SM Gaikwad, SU Gulavane, RJ Choudhari, RR Shelar, SH Dalvi, RR Rohi	2019	<u>Doppler evaluation of foetal aorta in normal gestation in canines.</u>	Indian Journal of Canine Practice 11 (2), 143-147; (2019);	143-147	NAAS Rating- 4.42
22	SM. Gaikwad, SU Gulvane, UB, Kumbhar, RR Shelar, RJ Chaoudhari;	2019	Evaluation of Puppies by Apgar scoring system in Normal Gestation and Threaten	Indian J. Anim. Res. B 3863 1-5, (2019):	1-5	NAAS Rating- 6.20

			abortion in canines			
23	S. M. Gaikwad, S. U. Gulavane, U. B. Kumbhar, R. R. Shelar, R. J. Chaudhari and Ruth A R	2020	Doppler evaluation of maternal vessels in normal gestation and threatened abortion in canines	Irish Veterinary Journal 73:15-24; (2020)	15-24	NAAS Rating - 7.84 (IF-1.84)
24	R.J. Chaudhari, S.U. Gulavane, M.N. Rangnekar, R.R. Shelar, S.M. Gaikwad and R.S. Jawale.	2020	Subclinical endometritis in cross bred cows with special reference to blood-biochemistry and reproductive parameters	The Haryana Veterinarian (59) (Special Issue) :41-44 (2020),	41-44	NAAS Rating- 5.36
25	Umesh Balkrishna Kumbhar*, Vaibhav Prakashrao Deshpande, Sarita Ulhas Gulavane and Sandeep Mahadeo Gaikwad	2020	Enhancement of conception rate through luteotropic hormones with special reference to metabolic, biochemical profile and cervical mucus properties in non-infectious	Bufalo Bulletin (January-March 2020) Vol.39 No.1		NAAS Rating- 6.10

			repeat breeding murrah buffaloes			
26	Umesh Balkrishna Kumbhar*, Vaibhav Prakashrao Deshpande, Sarita Ulhas Gulvane, Chandrakant Narayanrao Galdhar and Sandeep Mahadeo Gaikwad	2020	Enhancement of conception rate through luteotropic hormones and its effect on progesterone concentration in non-infectious repeat breeding murrah buffaloes	Bufalo Bulletin (January- March 2020) Vol.39 No.1		NAAS Rating- 6.10
27	A.A. Chavan*, S.U. Gulavane, R.J. Chaudhari, S.M. Gaikwad, R.R. Shelar, T.R. Koyande and V.K. Pandey	2022	Foetal heart rate and distress during spontaneous whelping	Haryana Vet. (March, 2022) 61(SI), 94-95	94-95	NAAS Rating - 5.58
28	Aeknath Virendra, Raju R. Shelar, Sarita U. Gulavane, Ravindra J. Chaudhari, Sandeep M. Gaikwad, And Zulfikar A.	2022	Comparative study on high risk and normal pregnancy in thoroughbred mares in an organized farm	Haryana Vet., Year Dec 2022, Volume 61(2), Page 218-222.	218-222	NAAS Rating - 5.58

	Ahmed and Ravi Reddy.					
29	Aeknath Virendra, Sarita U. Gulavane, Firdous A. Khan, Ravindra J. Chaudhari, Sandeep M. Gaikwad, Raju R. Shelar, Nilesh R. Dagli, Shailesh D. Ingole, Varsha D. Thorat, Zulfikar A. Ahmed	2022	Analysis of Uterine and Systemic Parameters in Fertile and Barren Mares	Indian Journal of Animal Research, (August 2022) SP-11(2): 495-499	495-499	NAAS Rating - 6.44
30	Aeknath Virendra, Sarita U Gulavane, Ravindra J Chaudhari, Sandeep M Gaikwad, Raju R Shelar, Shailesh D Ingole, Varsha D Thorat, Zulfikar A Ahmed and Ravi Reddy	2022	Analysis of HSP-90, Annexin A1 and Annexin A2 biomarkers in healthy mares and mares suffering from endometritis	The Pharma Innovation Journal 2022; SP-11(2): 495-499	495-499	NAAS Rating - 5.23
31	Aeknath Virendra, Gulavane,	2023	Identification and Antimicrobial Susceptibility of	<i>Egyptian Journal of Veterinary</i>	287-295	NAAS Rating - 6.4

	S.U., Ahmed, Z.A., Thorat, V.D., Chaudhari, R.J., Gaikwad, S.M., Raju, S.R., Ingole, S.D., Khanam, A. and Khan, F.A.		Uterine Bacterial Isolates From Mares with Endometritis in India.	<i>Sciences</i> , 54(2), pp.287-295.		
32	Aeknath Virendra, Gulavane, S.U., Ahmed, Z.A., Reddy, R., Chaudhari, R.J., Gaikwad, S.M., Shelar, R.R., Ingole, S.D., Thorat, V.D., Khanam, A. and Khan, F.A	2024	Metagenomic analysis unravels novel taxonomic differences in the uterine microbiome between healthy mares and mares with endometritis.	<i>Veterinary Medicine and Science</i> , 10(2), e1369.	e1369	NAAS Rating - 7.8

List of Marathi and Popular articles published:

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

Sr No	Name of Author (s)	Title of the Extension/ Popular Article	Details of Publication (Name of Journal with Year, Volume, Page Number, Refereed or Non- refereed Journal, ISSN of Journal, etc.)

1	%MkW- lfjrk xqGo.ks] MkW- lqHkk"k fpapdj] MkW- jfoanz pkS/kjh] MkW- mes'k dqaHkkj o MkW- fuys'k Mxyh]	tukojkrhy lkalfxZd xHkZikr	vWxzksVsd] eqqacbZ] ekpZ &2014] iku Ø- 12&13-	Monthly Magzine
2	MkW- fuys'k Mxyh] MkW- lqHkk"k fpapdj] MkW- lfjrk xqGo.ks] MkW- mes'k dqaHkkj o MkW- jfoanz pkS/kjh]	'ksGhikyukpk Jh x.ks'kk	vWxzksVsd] eqqacbZ] ,fizy &2014] iku Ø- 50&51	Monthly Magzine
3	Jh lat; dne] MkW- fuys'k Mxyh] MkW- lqHkk"k fpapdj] MkW- lfjrk xqGo.ks] MkW- meq'k dqaHkkj o MkW- jfoanz pkS/kjh]	'ksG;kalkBh fgjok pkjk	vWxzksVsd] eqqacbZ] es &2014] iku Ø- 56&57-	Monthly Magzine
4	MkW- lfjrk xqGo.ks] MkW- lqHkk"k fpapdj] MkW- jfoanz pkS/kjh] MkW- mes'k dqaHkkj] MkW- fuys'k Mxyh]	tukojkaps [kPphdj.k o R;kaps Qk;ns	vWxzksVsd] eqqacbZ] es &2014] iku Ø- 14&15 o 57-	Monthly Magzine
5	MkW- mes'k dqaqHkkj] MkW- lqHkk"k fpapdj] MkW- fuys'k Mxyh] MkW- lfjrk xqGo.ks] MkW- jfoanz pkS/kjh] MkW- lafni xk;dokM o MkW- jktw 'ksykj]	vkyk ikolkGk i'kq/ku lkaHkkGk	vWxzksVsd] eqqacbZ] tqyS &2014] iku Ø- 13&13	Monthly Magzine
6	MkW- fuys'k Mxyh] MkW- lqHkk"k fpapdj] MkW- lfjrk xqGo.ks] MkW- mes'k dqaHkkj] MkW- jfoanz pkS/kjh]	'ksGh iztuu O;oLFkkiu %&	vWxzksVsd] eqqacbZ] vkWxLV &2014] iku Ø- 52&53-	Monthly Magzine
7	MkW- fuys'k Mxyh] MkW- lqHkk"k fpapdj] MkW- lfjrk xqGo.ks] MkW- mes'k dqaHkkj]	'ksGh iztuu O;oLFkkiu	vWxzksVsd] eqqacbZ] IIVsacj &2014] iku Ø- 52&53-	Monthly Magzine

8	MkW- mes'k dqaHkkj] MkW- lqHkk" k fpapdj o MkW- lfjrk xqGo.ks]	xkbZ Eg'khrhy d`f=e jsru leL;k o mik;	vWxzksVsd] eqqacbZ] fMlsacj 2014] iku Ø- 14&16-	Monthly Magzine
		संकरीत नेपियर एक उत्कृष्ट चारा		
		उन्हाळ्यातील जनावरांचे आजार आणि घ्यावयाची काळजी	in अग्रोटेक	
		पैदशीच्या बोकडांचे प्रजनन व्यवस्थापन		

6. Research Recommendations

Sr. No.	
Year	
Project Title	
Investigators	
Recommendations	

2013-14

Title of Project:

Diagnosis and comparison of medical and surgical treatment of canine benign prostatic hyperplasia.

Recommendation:

It is recommended to use cytology of prostatic fluid by the technique of catheter biopsy along with ultrasonography to diagnose and differentiate various prostatic diseases in canines.

शिफारस :-

कुत्र्यामध्ये प्रोस्टेट ग्रंथीच्या वेगवेगळ्या रोगांच्या योग्य निदानासाठी अल्ट्रासोनोग्राफी सोबत मुत्रनलिकामार्गाने नळी घालून मिळविलेल्या प्रोस्टेट ग्रंथीच्या पेशींची सुद्धा तपासणी करावी.

1.	Project Title	Monitoring queening in cats through Tocodynamometry
	Investigators	Dr. Latesh, K. B., Dr. N. R. Dagli, Dr. S. U. Gulavane ,Dr. R. J. Chaudhari, Dr. S. M. Gaikwad, Dr. S.V. Bharucha and Dr. R. R. Rohi
	Name of the college	Mumbai Veterinary college, Mumbai-12
	Recommendation	1. $[(BPD \text{ (mm)} - 23.39)/0.47]$ is the best predictive formula to estimate the days before parturition using biparietal diameter in queens
	शिफारस	1. $[(बीपीडी \text{ (मिमी)} - 23.39)/0.47]$ हे मांजरी मधील गर्भाच्या डोक्याचा व्यास वापरून प्रसूतीपूर्वीच्या दिवसांचा अंदाज लावण्यासाठी सर्वोत्तम भविष्यसूचक सूत्र आहे.

7. MOU signed by the Colleges

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

8. Research Priorities / Thematic areas: Department Wise

9. Significant Research Achievement:

ISSAR Fellowship

Sr.	Year	Place	Recipient
1	1980	Banglore	Dr. C. R. Sane
2	1983	Hissar	Dr. S. B. Kodagali
3	1983	Hissar	Dr. B. R. Deshpande
4	1984	Pantnagar	Dr. D. P. Velhankar
5	1991	Hissar	Dr. V. B. Hukeri

Nils Lagerlof Memorial Award

Sr	Year	Place	Recipient(s)
1	1981	Mumbai	Dr. S. B. Kodagali Dr. B. R. Deshpande Dr. C. R. Sane
2	1987	Guwahati	Dr. Shyam Zanwar

Indian Society for Study of Animal Reproduction (ISSAR) ESTD. 1972 Regd. No. Bom.253/78

Sr	Name	Designation	Year
1	Dr. C. R. Sane	Founder President	1972-1980 1981-1983
2	Dr. B. R. Deshpande	Editor, IJAR	1972-1980
		Secretary	1981-1983
		President	1984-1987
3	Dr. D. P. Velhankar	Treasurer	1981-1983
		Secretary	1984-1987
4	Dr. S. B. Kodagali	Editor, IJAR	1981-1983
		Editor, IJAR	1984-1987
		Vice President	1990-1992
5	Dr. V. L. Deopurkar	Treasurer	1987-1989
6	Dr. H.S. Birade	Vice President	2014-2017

The First Indian
Textbook on
Reproduction in Farm Animals
(Theriogenology)

First Edition : 1981

Second Edition: 1994

(Varghese Publishing House, Mumbai)

K.M. Varghese Company, Hind Rajstan Building,
Dadar Mumbai- 400 014.

AUTHORS

C.R. SANE	B.R. DESHPANDE
A.S. KAIKANI	D. P. VELHANKAR
S. B. KODAGALI	S. N. LUKTUKE
V. B. HUKERI	V. L. DEOPURKAR

The Text Book is divided in Five Parts such as Obstetrics, Gynaecology, Andrology, Seminology and Artificial Insemination and Special Chapters on Embryo Transfer, Inheritance of Fertility and Infertility, Nutrition in Relation to Reproduction, Sexual Behaviour in Domesticated Animals, Effect of Stress on Reproduction, Neoplastic Diseases of Reproductive Tract, Surgical Procedures in Obstetrical and Gynaec-Surgery, Reproduction in Camel, Elephant and Laboratory Animals and Immuno Infertility.

Out of Approximately 3000 References included in the Text Book maximum references are on Indigenous Animals and Environmental conditions fulfilling the basic needs of Undergraduate and Postgraduate Students, Researchers and Academicians.

The Indian Journal of Animal Reproduction

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National Convention/ Seminar of ISSAR

Dairy Farming Today and Tomorrow and Problems of Reproduction in Farm Animals

22/12/1981 To 24/12/1981

Bombay Veterinary College, Parel, Mumbai-400012

The Indian Journal of Animal Reproduction an official organ of the Indian Society for Study of Animal Reproduction (ISSAR) publishes basic / applied research articles, short communication and clinical article / case reports in the field of Veterinary Gynaecology, Obstetrics, Andrology, Semenology, Artificial Insemination, Embryo Transfer And Other Assisted Reproductive Technologies since 1981 and published bi-annually in the Month of June and December having E-mail I.D. as editorijar@yahoo.co.in

