

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/On going)	Duration
1	AICRP on Blue Tongue Virus	Dr. V.V. Deshmukh	ICAR		ICAR	completed	10 years

2. List of Private Agency Projects:

Sr. No.	Title of the Project	Name of PI/ Major Advisor/ Research Worker	Funding Agency	Total Cost of the project (Rs in Lakh)	Extra-mural (Funding agency)/ Intra-mural	Status (Completed/Ongoing)	Duration

3. Research Priorities:

Sr. No.	Research Area	Aim	Objective	Benefits of Farmers

4. Thesis:

Master:

Sr. No.	Name of Student	Title of Thesis	Year of Completion	Name of Advisor
1.	DiwakarDattatrayrao Kulkarni	STUDIES ON THE EFFECT OF INFECTIOUS BURSAL DISEASE VIRUS ON	1980	Dr. M. N. Kulkarni

		IMMUNITY TO RANIKHET DISEASE IN CHICKENS		
2.	SudhakarHanmantraoHayatnagarkar	STUDIES ON IMMUNE AGGLUTINIS, HETEROPHILE AGGLUTININS AND COMGLUTINATING ACTIVITY IN THE SERA OF CATTLE AND SHEEP	1985	Dr. M. N. Kulkarni
3.	HatwalkarBalkrishnaVasantrao	STUDIES ON IMMUNE RESPONSES OF <u>THEILERIAANNULATA</u> INFECTED CALVES TO HAEMORRHAGIC SEPTICAEMIA VACCINATION	1988	Dr. M. B. Gujar
4.	ArabindaDattagupta	EFFECT OF SOME DRUGS ON IMMUNE RESPONSE OF CATTLE TO HAEMORRHAGIC SEPTICAEMIA VACCINATION	1989	Dr. M. B. Gujar
5.	Sanjay KashinathappaGavkare	EFFECT OF LEVAMISOLE ON HUMORAL IMMUNE RESPONSE OF CHICKENS VACINATED AGAINST RANIKHET DISEASE	1989	Dr. M. B. Gujar
6.	GunvantVithalraoPatil	STUDIES ON SOME IMMUNOLOGICAL ASPECTS OF BOVINE SUBCLINICAL MASTITIS	1992	Dr. M. B. Gujar
7.	BoruleMadhukar Sadhu	SEROPREVALENCE OF BRUCELLOSIS IN CATTLE, SHEEP AND GOATS ON ORGANISED FARMS	1992	Dr. Abdul Aziz
8.	DattatrayaTulshiram Waghmare	EVALUATION OF PROTECTIVE IMMUNITY IN LASOTA VACCINATED CHICKS	1993	Dr. M. B. Gujar
9.	Sanjay KishanraoKandhare	STUDIES ON IMMUNE RESPONSES IN RABBITS INFECTED WITH <u>STAPHYLOCOCCUSAUREUS</u>	1993	Dr. Abdul Aziz
10.	YaglewadNagnathPandurang	STUDIES ON PREVALENCE OF ROTA VIRUS INFECTION IN DIARRHOEIC CALVES	1993	Dr. Abdul Aziz
11.	NagargojeSuryakantTulshiram	STUDIES ON PREVALENCE OF <u>CAMPYLOBACTERJEJUNI</u> IN	1994	Dr. Abdul Aziz

		POULTRY OF PARBHANI CITY		
12.	MuttepawarLaxmanShridharrao	STUDIES ON PASSIVE TRANSFER OF ROTAVIRAL ANTIBODIES IN NEWBORN CALVES	1994	Dr. M. B. Gujar
13.	MekaleVenkatGovindrao	PREVALENCE OF BRUCELLOSIS IN BUFFALOES	1995	Dr. A. G. Karpe
14.	Prashant ShivshankarappaUtge	STUDIES ON PREVALENCE OF <u>CAMPYLOBACTERJEJUNI</u> IN SHEEP AND GOAT CARCASSES SOLD AT PARBHANI TOWN	1996	Dr. Abdul Aziz
15.	ShuvajiHarishchandraHousekar	CHARACTERIZATION OF PLASMIDS OF PSEUDOMONAS SPECIES ISOLATED FROM DOMESTIC ANIMALS	1996	Dr. A. G. Karpe
16.	Anil VasantraoMhaisekar	CHARACTERIZATION OF PLASMIDS OF BACTERIAL ISOLATES FROM OTITIS AND TORTICOLLIS CASES IN RABBITS (<u>ORYCTOLAGUSCUNICULUS</u>)	1996	Dr. A. G. Karpe
17.	Sunil RamraoLahane	CHARACTERIZATION OF PLASMIDS OF <u>PASTURELLAMULTOCIDA</u> FROM ANIMALS WITH <u>HAEMORRHAGIC SEPTICAEMIA</u>	1997	Dr. A. G. Karpe
18.	ArvindShriniwasraoNarsikar	SERUM LEVELS OF IMMUNOCONGLUTININ AND HETEROPHILE AGGLUTINIS IN CHICKENS INFECTED WITH INCLUSION BODY HEPATITIS VIRUS	1997	Dr. Abdul Aziz
19.	JyotiSakharamGavande	EFFICACY OF A COMMERCIAL MYCOTOXIN – BNDER FOR PREVENTING IMMUNOSUPPRESSION IN BROILER CHICKENS	1999	Dr. D. D. Kulkarni
20.	PathanYahaya Khan Ahemad Khan	SEROMONITORING OF BRUCELLOSIS IN GOATS AND SOME HUMAN RISK GROUPS	1999	Dr. Abdul Aziz

21.	PratapShrirangraoRananavar e	COMPARATIVE QUALITY ASSESSMENT OF LASOTA STRAIN VACCINES	2000	Dr. D. D. Kulkarni
22.	PriyaMangalkumarJadhav	EFFICACY OF A COMMERCIAL PRODUCT FOR CONTROL OF MICROORGANISMS IN DRINKING WATER OF POULTRY	2001	Dr. D. D. Kulkarni
23.	DeepaPanditrao Deshpande	IMMUNOMODULATING EFFECT OF 'E-CARE-SE' IN BROILER CHICKENS	2001	Dr. A. R. Deshpande
24.	LaxmanGorobaPawar	PLASMID DNA PROFILES OF SALMONELLA SPECIES FROM DOMESTIC ANIMALS AND POULTRY	2004	Dr. A. G. Karpe
25.	Prakash DurgajiSawane	MICROBIOLOGICAL EVALUATION OF SANITARY MEASURES ADOPTED BY BROILER FARMERS IN MARATHWADA REGION	2005	Dr. A. R. Deshpande
26.	ThoratVarshaDevidas	STUDIES ON IMMUNE RESPONSE OF BROILER CHICKENS EXPOSED TO SOME STRESS CONDITIONS	2006	Dr. Abdul Aziz
27.	ChopadeNilesh Ashok	EPIDEMIOLOGICAL STUDIES AND DETECTION OF CLASSICAL SWINE FEVER BY RT-PCR	2008	Dr. V. V. Deshmukh
28.	Gosavi Rahul Sudhakar	CHARACTERIZATION OF <i>LISTERIA</i> SPP. FROM MILK & MEAT	2010	Dr. A. R. Deshpande
29.	KadamBramhanandAnkush	EPIDEMIOLOGY OF BLUETONGUE AND PESTE DES PETITS RUMINANTS IN GOATS FROM MAHARASHTRA STATE	2012	Dr. Abdul Aziz
30.	KasbeArvindDigamber	CHARACTERIZATION OF E. COLI AND STAPHYLOCOCCI RECOVERED FROM BROILERS AND THEIR ENVIRONMENT	2012	Dr. A. R. Deshpande
31.	KhodveRamraoJanardhan	SEROPREVALENCE OF EQUINE INFLUENZA AND EQUINE HERPESVIRUS-1 AT SELECTED LOCATIONS IN MAHARASHTRA STATE	2012	Dr. Abdul Aziz
32.	JadhavRavikumarSudhakar	CHARACTERIZATION OF <u>ESCHERICHIA COLI</u>	2013	Dr. A. R. Deshpande

		RECOVERED FROM BROILERS SOLD UNDER MARKET CONDITIONS IN PARBHANI CITY		
33.	Kulkarni Mahesh Balwantrao	MOLECULAR CHARACTERIZATION AND PHYLOGENETIC ANALYSIS OF CANINE PARVOVIRUS	2016	Dr. A. R. Deshpande
34.	Shelke Vishal Suresh	MOLECULAR CHARACTERIZATION AND PHYLOGENETIC ANALYSIS OF CANINE PARVOVIRUS.	2017	Dr. A. R. Deshpande
35.	GosaviParag Dagadu	MOLECULAR CHARACTERIZATION AND PHYLOGENETIC ANALYSIS OF CONTAGIOUS ECTHYMA VIRUS IN GOATS.	2017	Dr. P. R. Suryawanshi
35.	KadamKiranNamdev	MOLECULAR CHARACTERIZATION AND PHYLOGENETIC ANALYSIS OF PORCINE AND HUMAN ROTAVIRUS.	2018	Dr. P. R. Suryawanshi
36.	KashikarOnkarSatish	MOLECULAR EPIDEMIOLOGY OF ROTAVIRUS OF BUFFALO AND HUMAN.	2018	Dr. A. R. Deshpande
37.	Neha Singh	MOLECULAR CHARACTERIZATION AND PHYLOGENETIC ANALYSIS OF CATTLE AND HUMAN ROTAVIRUS.	2018	Dr. P. R. Suryawanshi
38.	Deshpande SmitaSharadrao	<i>IN VITRO</i> EFFICACY OF BACTERIOPHAGES AGAINST BACTERIA ISOLATED FROM WOUND CASES.	2019	Dr. P. R. Suryawanshi
39.	PathanNaziyaShakil	<i>IN VITRO</i> EFFICACY OF BACTERIOPHAGES AGAINST BACTERIA ISOLATED FROM METRITIS OF DOMESTICATED ANIMALS.	2019	Dr. P. R. Suryawanshi
40.	ManjramkarKshitijaSatish	<i>IN VITRO</i> EFFICACY OF BACTERIOPHAGES AGAINST BACTERIA ISOLATED FROM BOVINE MASTITIS.	2019	Dr. P. R. Suryawanshi
41.	Shrimangale Anjali Balajirao	IDENTIFICATION AND CHARACTERIZATION OF BACTERIA ISOLATED FROM RESPIRATORY TRACT OF CHICKEN.	2021	Dr. P. R. Suryawanshi
42.	Abdul Mannan Mohammad Dayyan	MOLECULAR CHARACTERIZATION AND ANTIBIOGRAM OF	2021	Dr. P. R. Suryawanshi

		<i>ESCHERICHIA COLI</i> ISOLATED FROM CATTLE AND BUFFALO CALVES IN AND AROUND PARBHANI.		
43.	Suryawanshi VinayakTulsiram	MOLECULAR CHARACTERIZATION OF BACTERIAL ISOLATES RECOVERED FROM INTESTINAL TRACT OF CHICKEN.	2021	Dr. P. R. Suryawanshi
44.	Panchal Mahesh Nagnath	MOLECULAR PROFILE OF CANINE PARVOVIRUS.	2022	Dr. P. R. Suryawanshi
45.	KachaveSujataSubhash	STUDIES ON SUSCEPTIBILITY OF ANTIBIOTIC RESISTANT <i>ESCHERICHIA COLI</i> TO BACTERIOPHAGES.	2022	Dr. P. R. Suryawanshi
46.	KopnarPoojaDattatraya	STUDIES ON SUSCEPTIBILITY OF ANTIBIOTIC RESISTANT <i>ESCHERICHIA COLI</i> TO BACTERIOPHAGES.	2023	Dr. P. R. Suryawanshi
47.	NeharkarGangasagar Ashok	MOLECULAR EPIDEMIOLOGY OF ORF VIRUS FROM MARATHWADA AND WESTERN MAHARASHTRA	2023	Dr. P. R. Suryawanshi
48.	Chavan Pooja Sampat	MOLECULAR CHARACTERIZATION OF CANINE AND FELINE PARVO VIRUS	2023	Dr. P. R. Suryawanshi
49.	Deshmukh Namrata Bhagwan	MOLECULAR CHARACTERIZATION OF FELINE PANLEUKOPENIA VIRUS	2024	Dr. P. R. Suryawanshi
50.	Parvekar Aditya Anil	MOLECULAR CHARACTERIZATION OF LUMPY SKIN DISEASE VIRUS IN MAHARASHTRA	2024	Dr. P. R. Suryawanshi

Doctoral thesis

1.	Abdul Aziz	STUDIES ON SERUM LEVELS OF GAMMA GLOBULINS IMMUNOCONGLUTININ AND HETEROPHILE AGGLUTININS IN SHEEP	1994	Dr. M. B. Gujar
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5. Research Papers Published:

List of Research Publications:

Sr · No.	Authors	Year	Title of the Research Paper	Name of the Journal	Volume; Page Nos.	NA AS Rating, if any
1.	Prashant R. Suryawanshi , Chandan Badapanda, Krishna M. Singh, and Ankita Rathore	2019	Exploration of the rumen microbial diversity and carbohydrate active enzyme profile of black Bengal goat using metagenomic approach	Animal Biotechnology https://doi.org/10.1080/10495398.2019.1609489		
2.	Mahesh B. Kulkarni, Anand R. Deshpande, Satish S. Gaikwad, Sharmila B. Majee, Prashant R. Suryawanshi , Sudhakar P. Awandkar	2019	Molecular epidemiology of <i>Canine parvovirus</i> shows CPV-2a genotype circulating in dogs from western India	Infection, Genetics and Evolution 75 (2019) 103987	75 (2019) 103987	
3.	Kakwani M.D. Suryawanshi P. , Ray M. Rajan, M. G. R., Majee, S., Samad A., Devarajan, P.,	2011	Design, Synthesis and Antimycobacterial activity of cinnamide derivatives: A Molecular Hybridization Approach	Bioorganic and Medicinal chemistry letters	21(7) : 1997-1999	

	Degani, M. S.					
4.	R.C.Ghosh, Hirpurkar S.D. and Suryawanshi P.R	20 06	Concurrent colibacillosis and infectious bursal disease in broiler chicks	The Indian Veterinary Journal	83(9)101 9-1020	
5.	P.B. Pantawan e, R.J. Zende, D.M. Chavhan, P.R. Suryawanshi and V.M. Vaidya	20 13	Microbiological, Physico-Chemical and Sensory Attributes of Pork Sausages Fermented by <i>Pediococcus pentosaceus</i> Culture and Glucono-Delta-Lactone and Stored at Ambient Temperature	Journal of Veterinary Public Health	11(2):11 7-126	
6	R. J. Zende, D. M. Chavhan, P. R. Suryawanshi , A. K. Rai and V. M. Vaidya	20 13	PCR detection and serotyping of enterotoxigenic and shigatoxigenic <i>Escherichia coli</i> isolates obtained from chicken meat in Mumbai, India	Veterinary World	6:770-77 3	
7	Mritunjay Kumar, B Pal, F.A. Dar, P.R.	20 13	Contagious ecthyma in a flock of a goats in west	Veterinary Practitioner	14(2:1)): 560-61	

	Suryawanshi		Tripura-a case report			
8	Neha Singh, P. R. Suryawanshi, S. S. Gaikwad, A. R. Deshpande, K. N. Kadam, O. S. Kashikar and R. Lawange	2018	Antibacterial Activity of Ginger Extract on the Bacteria Isolated from Endometritis Case	The Journal of BVC	25(1): 23-25	
9	K. N. Kadam, P. R. Suryawanshi, S. S. Gaikwad, A. R. Deshpande, Neha Singh and O. S. Kashikar	2018	Isolation and Identification of <i>Erysipelothrix rhusiopathiae</i> from an Outbreak of Swine erysipelas	The Journal of BVC	25(1):31-34	
10	O. S. Kashikar, P. R. Suryawanshi, S. S. Gaikwad, A. R. Deshpande, Supriya Kashikar, Kshitija Manjramkar, Smita Deshpande, Naziya, Pathan, K. N. Kadam and N. Singh	2018	<i>In vitro</i> efficacy of bacteriophages against antibiotic resistant bacteria isolated from bovine mastitis	The Journal of BVC	25(1):41-46	

11	OS Kashikar, AR Deshpande, PR Suryawanshi, SS Gaikwad and SS Kashika	20 18	Molecular characterization and phylogenetic analysis of Bovine and Human Rotavirus	Journal of Entomology and Zoology Studies 2018;	6(5): 706-709	
12	SR Narote, SD Moregaonkar, GR Gangane, PR Suryawanshi, PA Chavan and PB Ghorpade	20 20	Haemato-biochemical studies on experimental ochratoxins in broiler: Its amelioration by fruit powder of Tribulus terrestris and toxin binder alone and in combination	Journal of Entomology and Zoology Studies	8(2): 34-38	
13	Rutuja Randhawa, Dipali Patil*, Sudhir Rajurkar, Gajanan Ranvir, Govind Gangane, Prashant Suryawanshi and Sanjaykumar Londhe.		A Novel Green Synthesis of <i>Syzygium cumini</i> Leaves Extract Coated Silver Nanoparticles	<i>Chem Sci Rev Lett</i> 2022,	11 (44), 388-391	