

Department of Veterinary Pathology 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.	Clinico-Pathological Studies on Prevalence of Bovine Immune-Mediated Hemolytic Anemia (IMHA).	Dr. S.G.Chavhan	--	--	Intra-mural	Completed	2 Years
2.	Pathological Studies on Proventricular Disorders of Chickens.	Dr. S.G.Chavhan	--	--	Intra-mural	Completed	2 Years
3.	Use of an Alternative Capillary Sealing Material (M- Seal) in PCV Estimation.	Dr.S.D.Moregaonkar	--	--	Intra-mural	Completed	1 Year
4.	Clinicopathological Studies on TRP (Hardware Disease) in Cattle)	Dr.S.D.Moregaonkar	--	--	Intra-mural	Completed	2 Years
5.	Analysis of Twelve-Year Data of Necropsy Examination Conducted during 1998-2010.	Dr.S.D.Moregaonkar	--	--	Intra-mural	Completed	12 Years
6.	Recording of Anomalies in Animals during a Period 2008-2010	Dr.S.D.Moregaonkar	--	--	Intra-mural	Completed	2 Years
7.	Studies on Pathology of Black Quarter in Bovines with special reference to Ulcerative Endocarditis.	Dr. M.A. Khan	--	--	Intra-mural	Completed	3 Years
8.	Studies on Efficacy of Different Diagnostic Tests / Methods for Detection of Clinical Mastitis in Cattle.	Dr. M.A. Khan	--	--	Intra-mural	Completed	3 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
1.	Comparative Efficacy and Pathological Changes on Dietary Supplementation of Natural and Synthetic Vitamin E in Broilers.	Dr. S.G.Chavhan	M/s. Matrix Life Science Pvt. Ltd., Aurangabad, MS.	10,93,960/-	Extra-mural	Completed	1 Year
2.	Effect of Dietary Supplementation of Natural and Synthetic Vitamin E on TNF-alpha, IgG, IgM and MDA levels in Broilers.	Dr. S.G.Chavhan	M/s. Matrix Life Science Pvt. Ltd., Aurangabad, MS.	1,99,500/-	Extra-mural	Completed	1 Year
3.	Studies on Efficacy on Ventrilivplus on Performance, Carcass Characteristic and Meat Quality in Broiler.	Dr.S.D.Moregaonkar	M/S Venkateshwara Hatcheries, Pune.	55,933/-	Extra-mural	Completed	1 Year
4.	Comparative Efficacy of Herbal Product (AV/BCP/15) with Synthetic Choline on Broiler Performance and Carcass Quality Parameters.	Dr.G.R.Gangane	M/S Ayurved Ltd., Dabbi, Dist. Solan (H.P.)	49,000/-	Extra-mural	Completed	1 Year

3. Research Priorities:

Sr. No.	Research Area	Aim	Objective	Benefits of Farmers
1.	Infectious and Non-infectious Diseases of Livestock and Pets.	To understand the pathology of various Infectious and Non-infectious Diseases of Livestock and Pets.	To study the pathological aspects of Infectious and Non-infectious Diseases of Livestock and Pets.	Timely Diagnosis and Control of Infectious and Non-infectious Diseases of Livestock and Pets.
2.	Clinicopathological Studies on Immune Mediated Diseases of Livestock and Pets.	To understand the clinicopathological aspects of various Immune Mediated Diseases of Livestock and Pets.	To study the clinicopathological aspects of various Immune Mediated Diseases of Livestock and Pets.	Timely Diagnosis will help Therapeutic Management of Immune Mediated Diseases.
3.	Immunohistochemical and Molecular Diagnosis of Neoplastic and Infectious Disorders.	To understand the immunohistochemical and molecular diagnostic aspects of neoplastic and infectious disorders.	To study the various Immunohistochemical and Molecular Diagnostic Markers of neoplastic and infectious disorders.	It will help for Accurate and Timely Diagnosis of Neoplastic and Infectious Disorders.
4.	Pathology of Poultry Diseases.	To understand the pathology of various Infectious and Non-infectious Diseases of Poultry	To study the pathological aspects of Infectious and Non-infectious Diseases of Poultry.	It will help for Accurate and Timely Diagnosis of Poultry Diseases.

4. Thesis: Masters (M.V.Sc. Thesis Research Projects):

Sr. No.	Title of Thesis	Name of the Student	Name of Major Advisor/Guide	Year
1.	Pathological Studies on Ovine Babesiosis.	P.A.Manwar	Dr. S.G.Chavhan	2023
2.	Pathology of Anaplasmosis in Goats.	H.D.Mandhare	Dr. S.G.Chavhan	2022
3.	Clinicopathological Studies of Theileriosis in Goats.	P.S.Rathod	Dr. S.G.Chavhan	2021
4.	Effect of <i>Azadirachta indica</i> Leaf Powder on <i>Clostridium perfringens</i> induced Infections in Broilers.	A.R.Shinde	Dr. M.A.Khan	2019
5.	Effect of <i>Azadirachta indica</i> Leaf Powder in Prevention of Colibacillosis in Broilers.	V.B.Patil	Dr. M.A.Khan	2018
6.	Clinicopathological Studies on Black Quarter in Cattle	S.R.Ambhore	Dr. M.A.Khan	2016
7.	Effect of Formaldehyde Spraying in Broiler Pens	P.R.Dalave	Dr. M.A.Khan	2014
8.	Toxicopathological Studies of Anilofos in Male Wistar Rats	V.K.Zole	Dr. M.A.Khan	2013
9.	Efficacy of <i>Maytenus emarginata</i> in Paracetamol Induced Toxicity in Male Wistar Rats	M.M.Pathan	Dr. M.A.Khan	2012
10.	Studies on Antidiabetic Property of <i>Enicostema littorale</i> Extracts in Wister Rats	V.L.Jadhav	Dr. S.D.Moregaonkar	2011
11.	Toxico-Pathological Studies of Indoxacarb in Female Wistar Rats	A.M.Sonphule	Dr. M.A.Khan	2010
12.	Toxicopathology of Quinalphos in Broilers	P.A.Chandane	Dr. S.D.Moregaonkar	2009
13.	Toxico-Pathological Studies of Chlorpyriphos in Broilers	S.S.Bhagat	Dr. M.A.Khan	2008
14.	Efficacy of Black <i>Piper nigrum</i> Fruit in Prevention of Colibacillosis in Broilers	S.S.Bamne	Dr. S.D.Moregaonkar	2007
15.	Studies on Efficacy of Levofloxacin in Experimental Colibacillosis in Broilers	V.V.Deshmukh	Dr. S.D.Moregaonkar	2006
16.	Studies on Experimental Colibacillosis in Broilers	V.N.Phad	Dr. S.D.Moregaonkar	2005
17.	Studies on a Commercial Mycotoxin Binder in Preventing Ochratoxicosis in Broilers	A.C.Pathan	Dr. S.D. Moregaonkar	2004
18.	Studies on Ochratoxicosis in Broiler Birds	P.L.Pawar	Dr. S.D. Moregaonkar	2001

Doctoral:

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

5. Research Papers Published:

Sr. No.	Authors	Year	Title of the Research Paper	Name of the Journal	Volume; Page Nos.	NAAS Rating (if any)
1	S.G. Chavhan and R.K. Jadhav	2024	Hematobiochemical Alterations and Therapeutic Management of Meloxicam Toxicity in Deoni Bull.	International Journal of Livestock Research	14(12): 50–54	4.31
2	A.U. Bhikane, R.K. Jadhav and S.G. Chavhan	2024	Epidemiological Aspects, Clinicopathology, Hemato-biochemistry and Therapeutic Management of Viperine Snake Envenomation in Buffaloes (<i>Bubalus bubalis</i>).	Indian Journal of Animal Research	Online First, DOI: 10.18805/IJAR.B-5382	6.40
3	R.K. Jadhav and S.G. Chavhan	2024	Oxyclozanide Poisoning in Deoni Bulls and Its Therapeutic Management.	International Journal of Livestock Research	14(7): 29–32	4.31
4	V.G. Chavan, S.P. Awandkar, R.C. Kulkarni, S.G. Chavhan, R.D. Suryawanshi, R.K. Jadhav, M.B. Kulkarni and A.A. Agnihotri	2024	Isolation and Molecular Characterization of Fowl Adenovirus from Inclusion Body Hepatitis Cases in Western India during 2019–2021.	Iranian Journal of Veterinary Research	25(1): 62–68	6.80
5	Ashish Kumar, R.C. Kulkarni, S.P. Awandkar, N.Z. Gaikwad, N.V. Khode, S.G. Chavhan and G.M. Gadegaonkar	2024	Dietary Addition of Betaine on the Performance of Broilers Fed with Diets with a Reduction in Methionine and Choline	Journal of Advances in Biology & Biotechnology	27(6): 955–967	5.30
6	H.D. Mandhare, S.G. Chavhan, S.P. Awandkar, R.K. Jadhav, M.B. Kulkarni and B.S. Khillare	2024	Molecular Detection of <i>Anaplasma phagocytophilum</i> and <i>A. ovis</i> Infection in Goat Flocks	Indian Journal of Veterinary Pathology	48(1): 6–11	5.10
7	S.G. Chavhan, R.K. Jadhav, S.P. Awandkar, B.M. Kondre and R.C. Kulkarni	2024	Gross Pathology of Sorghum bicolor Poisoning in Bovines	Indian Veterinary Journal	101(2): 27–29	4.99
8	P.A. Manwar, S.G. Chavhan, S.P. Awandkar, R.K. Jadhav, B.M. Kondre, R.R. Mugale and B.S. Khillare	2023	Pathological Studies on Ovine Babesiosis	Indian Journal of Veterinary Pathology	47(4): 300–307	5.10

9	V.G. Chavan, S.P. Awandkar, M.B. Kulkarni, S.G. Chavhan, R.C. Kulkarni and A.A. Agnihotri	2023	Molecular Phylodynamics of Fowl Adenovirus Serotype 11 and 8b from Inclusion Body Hepatitis Outbreaks	Virus Genes	59: 148–157	8.00
10	R.K. Jadhav, A.U. Bhikane and S.G. Chavhan	2023	Study on Occurrence of Agrochemical Poisoning in Bovines at Veterinary Clinics of Udgir	Indian Journal of Animal Sciences	93(11): 1063–1066	6.20
11	R.K. Jadhav, S.G. Chavhan and A.U. Bhikane	2023	Clinico-Pathological Alterations and Therapeutic Management of Thiram Poisoning in Cattle	Indian Journal of Veterinary Medicine	43(2): 36–40	5.18
12	A.A. Agnihotri, S.P. Awandkar, R.C. Kulkarni, S.G. Chavhan, R.D. Suryawanshi, A. Mohan, M.B. Kulkarni and V.G. Chavan	2023	Isolation and Molecular Characterization of Infectious Bursal Disease Virus Circulating in Western and Central India	Iranian Journal of Veterinary Research	24(4): 345–350	6.80
13	P.N. Manvatkar, R.C. Kulkarni, S.P. Awandkar, S.G. Chavhan, S.M. Durge, S.R. Avhad, G.R. Channa and M.B. Kulkarni	2022	Performance of Broiler Chicken on Dietary Supplementation of Protected Organic Acids Blend	British Poultry Science	63(5): 633–640	7.68
14	R.K. Jadhav, S.G. Chavhan and A.U. Bhikane	2022	Clinical and Hemato-Biochemical Aspects of Honeybee Sting in Labrador Retriever – A Case Report	Indian Journal of Veterinary Medicine	42(1): 47–50	5.18
15	V. Chavan, R.C. Kulkarni, S.P. Awandkar, S.G. Chavhan, N.Z. Gaikwad, R.D. Suryawanshi, M.B. Kulkarni and S. Satapathy	2022	Effect of Dietary Supplementation of Brown Seaweed on Performance of Broiler Chicken	Indian Journal of Animal Sciences	92(8): 999–1005	6.20
16	R.K. Jadhav, N. Kushwaha, S.G. Chavhan, A.U. Bhikane and P.S. Masare	2022	Clinical, Haemato-Biochemical and Therapeutic Aspects of Viperine Snakebite in a Mare	Comparative Clinical Pathology	31: 731–735	6.71
17	R.K. Jadhav, S.G. Chavhan and V.N. Khandait	2022	Scorpion Envenomation in Buffalo Calf – Case Report	Buffalo Bulletin	41(2): 195–200	6.28
18	A.A. Agnihotri, S.P. Awandkar, M.B. Kulkarni, S.G. Chavhan, R.C. Kulkarni and V.G. Chavan	2022	Molecular Phylodynamics of Infectious Bursal Disease Viruses	Virus Genes	58: 350–360	8.00
19	N.D. Shah, A.U. Bhikane, R.K. Jadhav and S.G. Chavhan	2022	Efficacy of Whole Blood Transfusion as an Adjunct Therapy in Severe Cases of Haemolytic Anaemia in Cattle	Indian Journal of Animal Research	56(11): 1384–1389	6.40

20	Y.M. Wankhede, R.K. Jadhav, A.U. Bhikane, S.G. Chavhan and K.S. Kedar	2021	Clinico-Epidemiological and Haemato-Biochemical Studies on Bubaline Phosphorus Deficiency Haemoglobinuria.	Haryana Veterinarian	60(2): 223–227	5.04
21	P.S. Rathod, S.G. Chavhan, M.A. Khan, R.K. Jadhav, N.Z. Gaikwad and S.P. Awandkar	2021	Prevalence and Clinicopathological Studies of Theileriosis in Goats.	Indian Journal of Veterinary Pathology	45(4): 266–272	5.10
22	N. Shah, A.U. Bhikane, S.G. Chavhan, R.K. Jadhav and N. Kushwaha	2020	Epidemiological Investigations on Haemoprotozoan Infections in Cattle in Marathwada Region of Maharashtra.	International Journal of Livestock Research	10(1): 32–39	4.31
23	A.U. Bhikane, R.K. Jadhav, P.S. Masare and S.G. Chavhan	2020	Clinical, Hematobiochemical, and Pathological Findings and Therapeutic Management of Viperine Snake Envenomation in Zebu Cattle.	Tropical Animal Health and Production	52(6): 3425–3437	7.17
24	R.K. Jadhav, S.G. Chavhan and A.U. Bhikane	2020	Clinico-Haematological Alterations Due to Sarcoptic Mange in Osmanabadi Goat Flock and Its Therapeutic Management.	Indian Journal of Veterinary Medicine	40(1): 25–28	5.18
25	A. Bhosale, A.U. Bhikane, S.G. Chavhan, R.K. Jadhav, A. Mohan and N. Kushwaha	2020	Prevalence and Clinico-Therapeutic Management of Bubaline Theileriosis in Marathwada Region of Maharashtra.	International Journal of Livestock Research	10(9): 155–165	4.31
26	A.R. Shinde, M.A. Khan, S.G. Chavhan, R.R. Mugale, N.Z. Gaikwad and S.P. Awandkar	2020	Effect of Neem (<i>Azadirachta indica</i>) Leaf Powder on <i>Clostridium perfringens</i> Induced Infection in Broiler Chicks.	International Journal of Livestock Research	10(5): 97–105	4.31
27	R.K. Jadhav, S.G. Chavhan and A.U. Bhikane	2020	Therapeutic Management of Shell Rot in Red-Eared Turtle (<i>Trachemys scripta elegans</i>).	Journal of Wildlife Research	8(1): 1–3	—
28	N.D. Shah, A.U. Bhikane, R.K. Jadhav, S.G. Chavhan and A. Mohan	2019	Therapeutic Management of Babesiosis Alone and Its Mixed Infection with Theileriosis in Cattle.	Indian Journal of Veterinary Medicine	39(2): 26–31	5.18
29	A.U. Bhikane, K.S. Kedar, R.K. Jadhav, S.G. Chavhan and Y.M. Wankhede	2019	Successful Therapeutic Management of Onion Toxicosis Induced Hemolytic Anaemia in Bovine.	Ruminant Science	8(2): 209–212	5.23
30	H.A. Shaikh, A.U. Bhikane, R.K. Jadhav, S.G. Chavhan and A.V. Bhonsle	2018	Clinico-Pathological Investigations on Hepatic Jaundice in Bovines.	Intas Polivet	19(II): 179–183	4.49
31	P.R. Dalave, M.A. Khan, N.Z. Gaikwad, A.V. Bhonsle, S.J. Manwar and S.G. Chavhan	2018	Effect of Formaldehyde Spraying in Broiler Pens on Growth and Haemato-Biochemical Parameters.	Indian Veterinary Journal	95(3): 11–14	4.99
32	S.R. Ambhore, M.A. Khan, S.G. Chavhan, A.U. Bhikane, A.V. Bhonsle and N.Z. Gaikwad	2018	Clinical Profile of Black Quarter in Cattle.	International Journal of Livestock Research	8(11): 321–326	4.31

33	S.R. Ambhore, M.A. Khan, S.G. Chavhan, A.U. Bhikane, N.Z. Gaikwad and A.V. Bhonsle	2018	Clinico-pathological Studies on Black Quarter in Cattle.	Indian Journal of Veterinary Pathology	42(3): 155–159	5.10
34	S.R. Ambhore, M.A. Khan, S.G. Chavhan and A.U. Bhikane	2018	Epidemiological Studies on Black Quarter in Cattle.	Indian Veterinary Journal	95(3): 9–11	4.99
35	R.K. Jadhav, S.G. Chavhan and A.U. Bhikane	2018	Clinico-Pathological Diagnosis and Management of Concomitant Theileriosis and Anaplasmosis in a Calf.	Intas Polivet	19(II): 254–256	4.49
36	R.K. Jadhav, S.G. Chavhan and A.U. Bhikane	2018	Therapeutic Management of Concurrent Milk Fever, Theileriosis and Pneumonia in HF Crossbred Cow.	Veterinary Clinical Science	6(1): 4–6	—
37	H.A. Shaikh, A.U. Bhikane, R.K. Jadhav and S.G. Chavhan	2018	Clinico-Therapeutic Management of Hepatic Jaundice in Indigenous Cattle.	Ruminant Science	7(2): 305–310	5.23
38	V.B. Patil, M.A. Khan, S.G. Chavhan, N.Z. Gaikwad, A.V. Bhonsle and M.K. Patil	2018	Protective Effects of Neem (Azadirachta indica) Leaf Powder on Experimentally Induced Colibacillosis in Broilers.	Indian Journal of Veterinary Pathology	42(4): 276–280	5.10
39	R.K. Jadhav, A.U. Bhikane, S.G. Chavhan and Neelam Kushwaha	2017	Clinicopathological Findings and Therapeutic Management of Secondary Photosensitization caused by Lantana camara in Deccani Sheep Flock.	Toxicology International	24(2): 157–161	5.56

6. List of Marathi and Popular articles published:

Sr. No	Authors	Title	Name of the Journal/Magazine, Year Volume: Page Nos.
1.	रविंद्र जाधव, संभाजी चव्हाण व अनिल भिकाने	श्वानांच्या आरोग्याचे व्यवस्थापन	श्वान प्रदर्शन व मार्गदर्शन शिबीर स्मरणिका, २०१९, पृष्ठ क्र.२४-२५ -
2.	रविंद्र जाधव, संभाजी चव्हाण व अनिल भिकाने	जनावारांतील रोगनिदानासाठी प्रयोगशाळा तपासण्यांची उपयुक्तता	अॅग्रोवन, २६ फेब्रुवारी, २०१९, पृष्ठ क्र. १२
3.	रविंद्र जाधव व संभाजी चव्हाण	गोचीडजन्य ताप ओळखा, उपचार करा	अॅग्रोवन, ०१ सप्टेंबर २०२०, पृष्ठ क्र. १२
4.	संभाजी चव्हाण व रविंद्र जाधव	जनावारांतील सरा आजार	पृ१० .क्र ., अॅग्रोवन, १३ ऑक्टोबर २०२०
5.	रविंद्र जाधव	कॅल्सीयम कमतरतेमुळे होतो दुग्धज्वर	पृ१ .क्र .२, अॅग्रोवन, १७ डिसेंबर २०२०
6.	रविंद्र जाधव, संभाजी चव्हाण आणि अनिल भिकाने	जनावारांमध्ये ढोरकाकड्याची विषबाधा	अॅग्रोवन, ११ फेब्रुवारी, २०२२, पृ.क्र. ९
7.	डॉ. रविंद्र जाधव आणि डॉ. संभाजी चव्हाण	श्वानांच्या आरोग्याचे व्यवस्थापन	श्वान परीक्षण व प्रदर्शन स्मरणिका, प.वै.म. उदगीर, ०६ मार्च २०२२, पृ. क्र. ४६ -४७
8.	डॉ. रविंद्र जाधव आणि डॉ. संभाजी चव्हाण	शेळ्या-मेंढ्यांमधील फाल्स गिड आजाराचा प्रादुर्भाव	अॅग्रोवन, १९ जुलै, २०२२, पृ.क्र. १०
9.	डॉ. रविंद्र जाधव आणि डॉ. संभाजी चव्हाण	प्रतिबंधात्मक लसीकरण करा आणि संसर्गजन्य आजारांना आळा घाला.	गोडवा शेतीचा, जून २०२३, ११, पृ.क्र. ८१-८२ व ८४.
10.	डॉ. रविंद्र जाधव आणि डॉ. संभाजी चव्हाण	अतिवृष्टी - महापूर परिस्थितीत पशुधनाचे आपातकालीन व्यवस्थापन	गोडवा शेतीचा, ऑगस्ट २०२३, पृ.क्र. ८१-८२
11.	डॉ. रविंद्र जाधव, डॉ. संभाजी चव्हाण आणि डॉ. प्रशांत मसारे	शेळ्यांना होणारे त्वचेचे रोग व प्रथमोपचार	पशुसखी प्रशिक्षण पुस्तिका २०२३, पृष्ठ क्र. ८४-८८

12.	डॉ. संभाजी चव्हाण, डॉ. बालाजी कोंडरे, डॉ. रविंद्र जाधव आणि डॉ. प्रशांत मसारे	निरोगी व रोगी शेळी ओळखणे	पशुसखी प्रशिक्षण पुस्तिका २०२३, पृष्ठ क्र. ८९.
13.	डॉ. संभाजी चव्हाण, डॉ. बालाजी कोंडरे, डॉ. रविंद्र जाधव व डॉ. प्रशांत मसारे	आजारी शेळ्यांचे निदान करण्याकरिता विविध नमुने व चाचण्या	शेळी आणि कुक्कुटपालन सुधारणेसाठी पशुसंखीचे कौशल्यवृद्धी प्रशिक्षण कार्यक्रम (स्मार्ट प्रशिक्षण) पुस्तिका, पृष्ठ क्र. १७४-१७६. (१९.१२.२०२३ ते ०२.०१.२०२४)
14.	डॉ. रविंद्र जाधव आणि डॉ. संभाजी चव्हाण	म्हशीमधील लालमुत्र आजाराची लक्षणे अन उपाययोजना	ऑगोवन, २० फेब्रुवारी, २०२४, पृ.क्र. १२
15.	डॉ. संभाजी चव्हाण, डॉ. बालाजी कोंडरे, डॉ. रविंद्र जाधव व डॉ. प्रशांत मसारे	आजारी शेळ्यांचे निदान करण्याकरिता विविध नमुने व चाचण्या	शेळी आणि कुक्कुटपालन सुधारणेसाठी पशुसंखीचे कौशल्यवृद्धी प्रशिक्षण कार्यक्रम (स्मार्ट प्रशिक्षण) पुस्तिका, पृष्ठ क्र. १७४-१७६. (२०२५)

7. Research Recommendations

Sr. No.	JASRC Details	Recommendation/Research Outcome											
	23 rd JASRC 2024-25	1.	<table><tr><td>Project Title</td><td>Pathological studies on proventricular disorders of chickens</td></tr><tr><td>Project No.</td><td>PATH/10/COVU/2023-24</td></tr><tr><td>Investigators</td><td>S.G.Chavhan, R.C.Kulkarni, B.M. Kondre and S.P.Awandkar</td></tr><tr><td>Name of the college</td><td>College of Veterinary and Animal Sciences, Udgir</td></tr><tr><td>Recommendation</td><td>It is recommended that the tetrameriosis caused due to <i>Tetrameres fissipina</i> should be considered as one of the key differential diagnosis for mortality in young desi chickens having obstruction of proventricular lumen.</td></tr></table>	Project Title	Pathological studies on proventricular disorders of chickens	Project No.	PATH/10/COVU/2023-24	Investigators	S.G.Chavhan, R.C.Kulkarni, B.M. Kondre and S.P.Awandkar	Name of the college	College of Veterinary and Animal Sciences, Udgir	Recommendation	It is recommended that the tetrameriosis caused due to <i>Tetrameres fissipina</i> should be considered as one of the key differential diagnosis for mortality in young desi chickens having obstruction of proventricular lumen.
Project Title	Pathological studies on proventricular disorders of chickens												
Project No.	PATH/10/COVU/2023-24												
Investigators	S.G.Chavhan, R.C.Kulkarni, B.M. Kondre and S.P.Awandkar												
Name of the college	College of Veterinary and Animal Sciences, Udgir												
Recommendation	It is recommended that the tetrameriosis caused due to <i>Tetrameres fissipina</i> should be considered as one of the key differential diagnosis for mortality in young desi chickens having obstruction of proventricular lumen.												

1.	20 th JASRC 2021-22	1.	Project Title	Clinico-pathological studies on prevalence of bovine immune-mediated hemolytic anemia (IMHA)
			Investigators	S.G.Chavhan, M.A.Khan, A.U. Bhikane, N.Z. Gaikwad
			Name of the college	College of Veterinary and Animal Sciences, Udgir
			Recommendation	The anemic cases of cattle/ buffaloes having hemoglobin levels less than 5 g/dL and not responding to any routine treatment are recommended to examine for Immune Mediated Hemolytic Anemia (IMHA) using Saline Agglutination Test (SAT).
			शिफारस	रक्तक्षय रोगाने बाधित असणाऱ्या गायी व म्हशींमध्ये हिमोग्लोबिनचे प्रमाण ५ मी.ग्रा./डेसीलिटर पेक्षा कमी असेल व नित्य उपचारांस प्रतीसाद मिळत नसेल तर अश्या जनावरांच्या रक्ताच्या नमुन्याची तपासणी सलाईन अग्लूटीनेशन टेस्ट द्वारे इम्युन मेडीयेटेड हिमोलायटीक ऑनिमिया ह्या आजारासाठी करण्यात यावी अशी शिफारस करण्यात येते.
2.	19 th JASRC 2021-22	8. Project Title : Clinicopathological Studies of Theileriosis in Goats. Investigators : Dr. S. G. Chavhan and Dr. P. S. Rathod Name of the college : College of Veterinary and Animal Sciences, Udgir. Recommendation : The goats showing clinical signs such as presence of tick infestation, pale or papery white mucous membranes, fever, swollen lymph nodes and respiratory distress should be screened for theileriosis by blood and lymph node aspiration smear examination. शिफारस : आजारी शेळ्यांमध्ये गोचीडांचा प्रादुर्भाव दिसून येणे, डोळ्याची श्लेष्मल त्वचा पांढरी पडणे, ताप येणे, लसीकाग्रंथींना सूज येणे व श्वसनास त्रास होणे इत्यादी लक्षणे दिसून येत असल्यास थायलेरीओसिस या प्रजीवजन्य आजारासाठी रक्त काचपट्टी व लसिकाग्रंथी मधील द्रव्याची तपासणी करण्यात यावी.		

8. Research Priorities / Thematic areas: Department Wise

- Infectious and Non-infectious Diseases of Livestock and Pets.
- Clinicopathological Studies on Immune Mediated Diseases of Livestock and Pets.
- Immunohistochemical and Molecular Diagnosis of Neoplastic and Infectious Disorders.
- Pathology of Poultry Diseases.

9. Significant Research Achievement:

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