

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	Establishment of "Turkey Farming Training Centre"	PI- Kadam A.S. Co PI- Lonkar V.D.	Rastriya Krishi Vikas Yojana (RKVY) Govt. Of Maharashtra	26.95 Lakhs	Extra-mural	Completed	2010-2012
2	Sustainable Rural Livelihood Security for Women of Satara District of Maharashtra through Diversified Turkey Farming	PI- Kadam A.S. Co PI- Lonkar V.D. Nimbalkar V.G.	Department of Biotechnology, New Delhi	25.51 Lakhs	Extra-mural	Completed	2012-2015

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	Early Chicks Nutrition: AV/NNC/17 & Its Impact on Growth & Performance of Broilers	PI- Kadam A.S. Co PI- M.G. Nikam D. M. Muglikar B.K. More G. B. Yadav V.R. Patodkar M. D. Meshram	Ayurvet Ltd., Post Baddi, Himachal Pradesh	0.37495	Extramural	Completed	2009-2010
2	Comparative Evaluation of Feed Supplemented with Herbal and Synthetic Vitamin E on the Performance of Broiler	PI- A.S. Kadam Co PI- B.G. Hol M. G. Nikam	Polchem Hygiene Lab., Pune	0.4895	Extramural	Completed	2009-10

		V. D. Lonkar					
3	Studies on the effectiveness of herbal choline: Repchol in broiler diet deficient in choline	PI- Kadam A.S. Co PI- Bapat S.T., Lonkar V.D. Patodkar V.R. M6ore B.K.	Ayurved Ltd., Post Baddi Himachal Pradesh	0.4994	Extramural	Completed	2011-12
4	Effect of supplementation of Immunotech through drinking water on the performance of broiler chicken	PI- Kadam A.S. Co PI- Lonkar V.D. Muglikar D.M.	Advanced Bio- Agro Tech., Ltd., Pune	0.46618	Extramural	Completed	2011-12
5	Efficacy Evaluation of AV/HLP/16 on the performance, egg quality and lipid profile in layer Birds	PI- Kadam A.S. Co PI- Bapat S.T., Lonkar V.D., Patodkar V.R., Jadhav S.N.	Ayurved Ltd., Post Baddi Himachal Pradesh	0.49158	Extramural	Completed	2012-13
6	Choline Chloride Dose Optimization in Commercial Broiler Chicken	PI- Kadam A.S., Co PI- Lonkar V.D., Dhaygude V.S., Muglikar D.M., Gadegaonkar G.M.	Jubilant Life Sciences, Noida.	1.2922	Extramural	Completed	2012-13
7	To study the Effect Dietary Supplementation Nutritional Performance Enhancer (NPE) Proimmunobiotic (PI) in Broilers”	PI- Kadam A.S., Co PI- Lonkar V.D., Kavitar S.B., Kolhe R.P., Thorat V.D., Mote C.S. and Lambate S.B.	Praj India Ltd., Pune	1.0115	Extramural	Completed	2013-14
8	Comparative Efficacy of Herbal and Synthetic Antistressor Products Ameliorating Heat	PI- Kadam A.S.	Ayurved Ltd., Post Baddi Himachal Pradesh	1.03,60	Extramural	Completed	2013-14

	Stress by Assessing 9Growth, Performance Parameters in Layers	Co PI- Lonkar V.D.					
10	Evaluation of Promotor-L In Broiler Chickens For Fattening	PI- Lonkar V.D. Co PI- Kadam A.S., Dhaygude V.S. Thorat V.D.	Polychem Hygiene Laboratories Pune	1.61	Extramural	Completed	2014-15
11	“Effect of Supplementation of Nutrisel E, Nutriliv and Nutriplex 5X and their combination on performance of Broiler Chicken”	PI- Lonkar V.D. Co PI- Kadam A.S., V.M. Sardar	Nutridian Animal Health., G-9, Camps Corner , Near Shahad Railway Station, Shahad (W) 421103 Dist .Thane , Maharashtra	1.5050	Extramural	Completed	2014-15
12	Performance of commercial broilers in swastika kukdookoo brand backyard poultry shed	PI- Lonkar V.D. Co PI- Kadam A.S.	Sahayadri Industries Ltd., Pune	0.6020	Extramural	Completed	2015-16
13	Effect of dietary incorporation of Phyllosilicate based mycotoxin binder on production performance, histopathological and blood biochemical parameter of commercial broilers	PI- Lonkar V.D., Co PI- Mote C.S., Mhase P.P.	Jubilant Life science Ltd., Noida	1.78584	Extramural	Completed	2016-17
14	Effect of Emulsifier “Emulso-V” on the production Performance Broiler Chicken	PI- Lonkar V.D. Co PI- Mote C.S. and Mhase P.B	Ventkateshwara Hatcheries Pvt. Ltd., Pune	1.50116	Extramural	Completed	2016-17
15	Effect of dietary inclusion of “INUSAP” on the performance of laying hens”	PI- Lonkar V.D. Co PI- Mote C.S.	Nurture Aqua Technology Private Limited, 401-402B, Sapphire, Corner of Mumbai	1.67244	Extramural	Completed	2017-18

16	Effect of Presan FY on performance of broiler chicken	PI: Ranade A. S. Co-PI: Lonkar V.D., Mote C.S., Bhong C.D. and Mhase P.P.	Nutreco B.V. Stationsstraat 77, P.O. Box 299, 3800 AG Amersfoort, the Netherlands	7.36232	Extramural	Completed	2017-18
17	Effect of IntelliBond copper on growth performance, carcass yield, health and economic performance of broiler chickens	PI: Ranade A. S. Co-PI: Lonkar V.D., Dhaygude V.S. Mote C.S., Bhong C.D. and Mhase P.P	Nutreco B.V. Stationsstraat 77, P.O. Box 299, 3800 AG Amersfoort, the Netherlands	5.95	Extramural	Completed	2018-19
18	Effect of odour eliminating mesh "DEODORATEX" on the performance of broiler under conventional deep litter housing system without raking the litter material.	PI: Lonkar V.D.	HRAOKA & CO., LTD, 1-21-7 Minowa, Taibo-ku, Tokyo 110-0011, Japan	2.1462	Extramural	Completed	2018-19
19	Effect of Acidomix DF Plus on the Performance and Gut Health of Broilers	PI: Lonkar V.D., Co-PI: Ranade A. S. Dhaygude V.S. and Mhase P.P	Venkys (India) Ltd., Pune	1.96	Extramural	Completed	2018-19
20	Comparative study of effect of 5-ALA Premix (5-Amino Levulinic Acid) Vit E organic Selenium, Organic Zinc and Vit E with Inorganic Selenium as feed supplement through water/ feed on egg production, their quality and Immune status of layers	PI: Dr. A. S. Kadam Co-PI: Dhumal M. V., Muglikar D. M., Mhase P. P., V. R. Patodkar, Mote C. S., Dhaygude V. S.	Uttara Impex Private Limited, Pune	9.8518	Extramural	Completed	2020-21
21	Evaluation of Herbal Liver Stimulant on Performance of	PI: Lonkar V.D. Co PI: Kadam A.S., V.S.	Avitech Nutrition, GP-37, Sector 18, Gurugram ,	1,99069	Extramural	Completed	2021-22

	commercial broiler Chicken	Dhaygude, U.M. Tumlam	Haryana, India				
22	Effect of Inorganic and Organic forms of Zinc on Production Performance, Gene expression and Antioxidant Status in Commercial Broiler Chicken	PI -Lonkar V.D. Co PI -Kadam A.S., V.S. Dhaygude, U.M. Tumlam	Avitech Nutrition, GP-37, Sector 18, Gurugram , Haryana, India	5.1478	Extramural	Completed	2022-23
23	“Avishi Immune” water soluble liquid supplement on the growth performance of commercial broiler chicken	Lonkar V.D., Dr. Kadam A.S., Dr. Tumlam U.M., Dr. Mote C.S.,	Avishi Immune Biosciences Pvt., Ltd., 315, First Floor, Labh Chambers, Opp M.T.D.C. Station Road, Aurangabad-431005	1.7976	Extramural	Completed	2023-24
24	Comparative Efficacy and Performance of Antimicrobial Gut Health Additive Fed to Broiler Chicken.	Lonkar V.D., Dr. Kadam A.S., Dr. Jadhav S.N., Dr. U.M. Tumlam, Dr. C.S. Mote	EW Nutrition India Pvt. Ltd., Level 5, SB Towers, Plot No. 1A/1, Sector 16A, Film City International Area, Noida 201301	9.3968	Extramural	Completed	2024-25

3. Research Priorities

Sr. No.	Research Area	Aim	Objective	Benefits of Farmers
1	Nutritional and managerial interventions in poultry	Research aimed at improving the performance and productivity of broilers and layers with ease of management	1. Evaluation of different feed additives in poultry diet on the performance of poultry 2. Evaluation of alternative feed ingredients on the performance and cost-effectiveness in poultry	The research will benefit farmers in terms of improving the overall performance and productivity of poultry with cost-effectiveness

			3. Evaluation of different feed additives and nutrients on the gut health of poultry 4. To check the performance of poultry by intervening the management practices	
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4. Thesis

Masters

Name of Department : Poultry Science				
Sr. No.	Name of the Student	Title of Thesis	Year of Completion	Name of the Advisor
1	Daware Abhijeet Gangaram	Dietary supplementation of L-valine on the performance of broilers	2018	Dr V.D. Lonkar
2	Yenge Gahininath Dnyanoba	Dietary supplementation of combination of inulin and saponin on the performance of laying hens”	2018	Dr V.D. Lonkar
3	Ghorpade Shrikant Anil	To study the effect of shellfish processing industry waste slurry on performance of broilers	2019	Dr. M.R. Wade
4	Tikate Karan Kamalakar	The effect of multiple phase feeding on the performance of broilers	2019	Dr. M. R. Wade
5	Kuwar Vivek Vanya	Effect of reduction of trace minerals for seven days from feed prior to marketing the broilers on their performance	2021	Dr. A.S. Kadam
6	Khutal Ganesh Pandurang	Effect of lighting schedules on performance of broilers	2021	Dr. A.S. Kadam
7	Dhotre Bhavana Anant	Effect of short periods of incubation during egg storage (SPIDE) on hatchability of broiler breeder eggs	2022	Dr A.S. Kadam
8	Kharde Sanket Raosaheb	Dietary supplementation of grape seed powder in broiler chicken	2022	Dr A.S. Kadam
9	Shinde Apoorva Krishna	Studies on dietary calcium requirement during extended laying cycle in commercial layers	2023	Dr V.D. Lonkar
10	Mayur Rohidas Shisodiya	Effect of L-glycine supplementation in low protein diet on the performance of commercial broiler chicken	2024	Dr V.D. Lonkar
11	Nitin Dhore	Performance of commercial broilers under separate sex rearing and feeding	2024	Dr. A.S. Kadam
12	Kawde Vaibhav Shamrao	Dietary supplementation of β -mannanase on growth performance and gut health of commercial broiler chicken fed with low energy	2025	Dr V.D. Lonkar
13	Pakalwar Vaishnavi Dilip	Effect of microbial phytase supplementation on the performance of broiler chickens fed with inorganic phosphate free diet	2025	Dr. A.S. Kadam

5. Research Papers Published

List of Research Publications

S r. N o.	Authors	Ye ar	Title of Paper	Journal name	Volume, Page Number	N A S R a t i n g
1	Lonkar V.D., Jalaludeen A and Viswanath A.	20 08	Effect of garlic powder and neem seed cake supplementation on processing yields and losses, meat protein content and weight of bursa of fabricious of broiler chicken..	Indian Journal of Poultry Science	43(1): 88-92.	5.3 0
2	Kadam A.S., Nikam M.G., V.R. Patodkar, Muglikar D.M., Lonkar V.D., Yadav G.B., Maini S., Ravikanth K and Meshram M.D.	20 09	Influence of herbal early chick nutritional supplement on the growth performance, serum biochemicals and immune response of broiler chicken.	International Journal of Poultry Science	8 (4): 349-354	-
3	Lonkar V.D. and Balusami C.	20 09	Peotomy in white Pekin drake.	Indian Veterinary Journal	86(2): 198-199	-
4	Lonkar V.D., Jalaludeen A., Narayankutty K.and Viswanath A.	20 09	Modulation of cholesterol level in broiler chicken by feeding garlic (Allium sativum) powder and neem (Azadiracht	Indian Journal of Poultry Science	44 (1), 49-53	5.3 0

			a indica) seed cake.			
5	Kadam A.S., Lonkar V.D, Patodkar V.R., Kolangat S.M. and Bhosale T.A.	20 09	Comparativ e efficacy of supplement ation of natural, herbal and synthetic vitamin C on the immune response of broiler chicken during summer stress	Asian Journal of Poultry Science	3: 57-62	-
6	Lonkar V.D., Kadam A.S., Patodkar V.R., Jadhav S.N., Kolhe R.P. and Maini Shivi	20 14	Polyherbal Hypocholes terolemic supplement lowers egg yolk cholesterol without affecting performanc e and egg quality in layers	Research Journal of Animal Husbandry and Dairy Science	5: (2):126-130	-
7	Pawar SS, Sajjanar B, Lonkar VD, Nitin KP, Kadam AS, Nirmale AV, Brahmane MP, Bal SK	20 16	Assessing and Mitigating the Impact of Heat Stress in Poultry	Advance Animal and Veterinary Sciences	4(6): 332-341. DOI:Http://dx.doi.org/10.14737/journ al.aavs/2016/4.6.332.341	-
8	Lonkar V.D., Kadam A.S., Coudhari A., Maini S., and K Ravikanth	20 16	Performanc e improveme nt in Layer birds supplement ed with herbal liver tonic and antistressor product during	Internation al Journal of Pharma cy and Pharmaceu tical Sciences	8 (7): 129-132	-

			summer stress			
9	Lonkar V.D., Kadam A.S.1, Nimbalkar V.G., Daware A.G. and Yenge G.D.	2017	Turkey Farming As an Income Generating Activity for Rural Women	Indian Research Journal of Extension Education, (Special issue on Veterinary Research & Extension)	(Special issue on Veterinary Research & Extension), p112-116	5.22
10	Sonawane N.D., Patodkar V.R., Sardar V. M. Kadam A.S., Jadhav S.N. and Lonkar V.D.	2017	Influence of Age on Certain Blood Biochemical Parameters in Turkey Birds	Indian Research Journal of Extension Education, (Special issue on Veterinary Research & Extension)	(Special issue on Veterinary Research & Extension) p:62-66	5.22
11	Lonkar V.D., Kadam A.S., Ranade A.S., Mote C.S. and P. Mahadik	2017	Effect of emulsifier on carcass traits, serum biochemical and histopathological changes in liver and kidney of broiler chicken fed with low energy diet	The Journal of Bombay Veterinary College	24 (1): 32-37	5.85
12	Lonkar V.D., Ranade A.S., Kulkarni V.R., and Pathak C.B., Yenge G.D. and Daware A.G.	2018	Effect of organic acid treated corn cob bedding Material on broiler performance, hock burn Incidence and litter quality	International Journal of Science, Environment and Technology	7 (2): 397-409	3.98

13	Sonawane N.D., Patodkar V.R., Sardar V.M., Kadam A.S., Mehre P.V. and V.D. Lonkar	2018	Influence of sex on the blood biochemical parameters in turkey birds	International Journal of Livestock Research	8 (5): 239-245.	5.36
14	Lonkar V.D, Ranade AS, Kulkarni VR and Pathak C.B.	2018	Inclusion of Oat Hulls as a source of insoluble fiber in broiler diet: An alternative to AGP	International Journal of Livestock Research	8 (10), 252-264	5.36
15	Yenge G.D., Lonkar V.D., Ranade A.S., Patodkar V.R., Mote C.S., Bhalerao S.M. and Doiphode A.Y.	2018	Effect of dietary supplementation of combination of Inulin and Saponin on egg yolk lipid and serum biochemical profile in Laying hens	International Journal of Science, Environment and Technology	7 (5):1711-1720	3.98
16	Daware A.G., Lonkar V.D., Ranade A.S., Patodkar V.R., Mote C.S., Bhalerao S.M. and Doiphode A.Y.	2018	Effect of dietary supplementation of L-valine on carcass characteristics, Immunity and serum biochemicals of broilers.	International Journal of Agriculture Sciences.	10 (18), 7150-7155	4.73
17	Puppala K.R. Buddhiwant P.G., Agawane S.B., Kadam A.S., Mote C.S., Lonkar V.D.,	2020	Performance of <i>Aspergillus niger</i> (NCIM 563) phytase based feed supplement for broiler growth and	Biocatalysis and Agricultural Biotechnology	31, 101887 https://doi.org/10.1016/j.bcab.2020.101887	6.636

	Khire J.M., & Dharne M.S.		phosphorus excretion			
18	Yenge, G.D., Lonkar, V.D., Ranade, A.S., Doiphode, A.Y., Patodkar, V.R. and Mote, C.S	2020	Effect of Dietary Inclusion of Combination of Inulin and Saponin on Egg Qualities of Laying Hens	Indian Journal of Vet Sci and Biotech,	15(3): 74-76.	5.25
19	Patel, A.B., Bhagora, N.J., Savaliya, F.P., Mishra, R.K. and Lonkar, V.D. (	2020	Performance of Ankleshwar Chicken Reared under Intensive Management System in Gujarat	The Indian Journal of Veterinary Sciences and Biotechnology	15(4): 47-50.	5.58
20	Prerana Shelke, Mrunalini Pawade, Prashant Mhase, Chandrasekhar Mote, Vijaysinh Lonkar, Dayaram Suryawanshi, Jyotika Sangle	2020	Toxinotyping of Clostridium perfringens in Poultry from Necrotic Enteritis Cases	Journal of Animal Research	10(1): 149-155	4.78
21	Ghorpade S., Wadde M., Ranade A.S., Mhase P.P., Dhaygude V.S. & Bhalerao S.M.	2020	Utilization of Shellfish processing industry waste slurry on performance of broiler chicken	Veterinary Research International	8(1): 18-22	-

22	Mahadewa swami, R., Kolhe, R., Bhong, C., Mhase, P., Jadhav, S., Lonkar, V. and Bhave, S.	2021	Characterization of Pig and Poultry Origin <i>Escherichia coli</i> for Beta-lactamase Type Antimicrobial Resistance	<i>J. Anim. Res.</i>	11(04): 619-625. DOI: 10.30954/2277-940X.04.2021.7	4.78
23	Pawade, M.M., Mhase, P.P., Muglikar, D.M., Lonkar, V.D., Mehere, P.V., Shelke, P.R., Kapgate, S.S.	2021	Isolation and Molecular Characterization of Turkey Pox Virus from Maharashtra, India: A Review.	Indian Journal of Animal Research.	DOI: 10.18805/IJAR.B-4468.	6.44
24	Tikate K., Wadde M.R., Ranade A.S., Mhase P.P., Dhaygude V.S. & Bhalerao S.M.	2021	Influence of dietary multiple-phase feeding on growth performance of commercial broiler chicken	Indian Journal of Animal Research	55(1), 66-70	6.44
25	Khutal, G.P., Kadam, A.S., Dhumal, M.V., Lonkar, V.D., Patodkar, V.R., Mhase, P.P., Dhaygude, V.S.	2022	Effect of Lighting Schedule on the Performance of Broilers.	The Indian Journal of Veterinary Sciences and Biotechnology	18(3), 84-87.	5.25
26	Bhagora, N.J., Mishra, R., Savaliya, F.P., Patel, A.B., Lonkar, V.D.	2022	Production Performance, Phenotypic and Carcass Quality Sensory Evaluation of Kadaknath, Rhode Island Red Chicken	The Indian Journal of Veterinary Sciences and Biotechnology	18(1), 54-60	5.25

			and their Reciprocal Crosses			
27	Lonkar, V. D.	2022	Role of Prelay Nutrition in Modern Layer Management	International Journal of Livestock Research	12(12), 1-6	4.31
28	Lonkar, V.D., Savaliya, F.P., Mishra, R.K., Patel, A.B. and Bhagora, N.J.	2022	Effect of Different Nutrient Density Prelay Diets on Egg Qualities of White Leghorn Layers	Indian Journal of Animal Research	DOI: 10.18805/IJAR.B-4976.	6.43
29	Lonkar, V.D., Savaliya, F.P., Mishra, R.K., Patel, A.B. and Bhagora, N.J.	2022	Effect of different nutrient density prelay diets on production performance of White Leghorn layers.	Indian Journal of Animal Research	DOI: 10.18805/IJAR.B-4978	6.44
30	Bhagora, N.J., Savaliya, F.P., Patel, A.B., & Lonkar, V.D.	2023	Comparison of Mixed and Choice Feeding of Whole Wheat (<i>Triticum aestivum</i>) on the Performance of Commercial Broilers	The Indian Journal of Veterinary Sciences and Biotechnology	19(2), 63-69	5.25
31	Lonkar, V.D., Kadam, A.S., Srivastava, A.A., Chaudhari, F.N., Dhaygude, V.S., Tumlam, U.M., & Shinde, A.K.	2023	Effect of Polyherbal Liver Stimulant (GenoLiv) on Production Performance, Carcass Characteristics, Serum Biochemistry and Immune Response in Commercial Broiler Chickens.	The Indian Journal of Veterinary Sciences and Biotechnology	19(3), 12-15.	5.25

3 2	Dhotre B.S. , Kadam A.S., Lonkar, V.D., Patodkar V.R. Tumlam, U.M., Mote C.S. Barate, A.K., Nimbalkar V.G., Karan Kharde	20 23	Effect of short periods of incubation during egg storage (SPIDES) on hatchability of broiler breeder eggs.	Indian Journal of Animal Sciences	93 (5): 534-537 https://doi.org/10.56093/ijans.v93i5.124357	6.29
3 3	Lonkar, V.D., Savaliya, F.P., Mishra, R.K., Patel, A.B. and Bhagora, N.J.	20 23	Efficacy of Best Prelay Diet on Production Performance of White Leghorn Layers Fed with Different Layer Diets	Indian Journal of Animal Research	10.18805/ajdfr.DRF-326	6.43
3 4	Kathole N.S., Karande V.V., Ghumare B.C., Mote C.S., Lonkar V.D., Jadhav S.N., and Bachpalle P.P.	20 23	Evaluation of Antiangiogenic Potential of Ethanolic Extract of <i>Bauhinia variegata</i> Leaves in Mice	The Indian Journal of Veterinary Sciences and Biotechnology	19(5):70-73	5.25
3 5	Shinde, A. K., Lonkar, V. D., Kadam, A. S., Dhaygude, V. S., Bhalerao, S. M., & Agivale, S. M.	20 24	Effect of Feeding Dietary Calcium on Egg Production, Egg Defects, Tibia, and Femur Bone Status during Extended Laying Cycle in Commercial Layers	International Journal of Livestock Research,	14 (3), 26-36.	4.31
3 6	Lonkar V.D., Kadam A.S. and Patodkar V.R.	20 24	Performance of Commercial Broilers under Separate Sex Rearing and Feeding	Uttar Pradesh Journal of Zoology	45 (13):122-31. https://doi.org/10.56557/upjoz/2024/v45i134140 .	5.24

			during the Finisher Period			
37	Shisodiya, M.R., Lonkar V.D., Kadam A.S., Mote C.S., Jadhav S.N., and Kadam B.R.	2024	Effect of L-Glycine on Carcass Parameters, Blood Biochemicals, and Jejunal Histomorphometry of Commercial Broiler Chicken.	Uttar Pradesh Journal of Zoology	45 (13):132-139. https://doi.org/10.56557/upjoz/2024/v45i134141 .	5.24
38	Lonkar, V.D., Kadam, A.S., Jadhav, S.N., Srivastava, A.A., Choudhari, F.N., Dhore, N.C. and Shisodiya, M.R.	2024	Effect of zinc mono glycinate and zinc proteinate on production performance, antioxidant profile, metallothionein gene expression and tibia bone parameters in commercial broiler chicken	Indian Journal of Poultry Science,	59(1): 23-28.	5.30
39	Shisodiya, M. M., Lonkar, V. D., Kadam, A. S., Mote, C. S., Jadhav, S. N., & Kadam, B. R.	2024	Effect of L-Glycine on Growth Performance and Economics of Commercial Broiler Chicken	The Indian Journal of Veterinary Science and Biotechnology	20(5), 9-14.	5.25
40	S.R., Kharde, Kadam A.S., Lonkar V.D., Mugalikar D.M., Patodkar V.R., Bhalerao S.M., and Karande V.V.	2024	Dietary Supplementati on of Grape (Vitis Vinifera) Seed Powder in Broiler Chicken	Uttar Pradesh Journal Of Zoology	45 (15):215-22.	5.25

List of Marathi and Popular articles published:

Sr. No	Authors	Year	Title	Name of the Journal/Magazine	Volume: Page Nos.
1	Mane B.G., Gadekar Y.P., Lonkar V.D.	2008	Scientific and Hygienic processing of poultry	Poultry Punch	24(7): 36-44
2	Lonkar V.D., Dhumal M.V.	2008	Avian Immune System	Poultry Line	8 (11): 19-23.
3	Lonkar V.D., Patil R.J.	2008	Feed additives in poultry	Poultry Punch	24 (9): 19-26.
4	Lonkar V.D., Patil R.J.	2008	Brooding management- A due care for maximum productivity	Poultry line.	8 (9): 45-48.
5	Lonkar V.D., Dhumal M.V., Avari P.E..	July 2008	Summer commences: Save your birds	Shwetkranti	2: 20-21
6	Lonkar V.D., Kadam A.S	2009	Be aware of heat stress during this summer	Poultry Line	9 (3):49-53
7	Lonkar V.D., Kadam A.S., Kadam M.M., Bedre D.K	2009	Public health related important avian diseases	Poultry Line	9 (7): 27-29
8	Bedre D.K., More B.K., Lonkar V.D., Mote C.S.	2009	Syndromes in Poultry- A review	Poultry Line	9 (5): 41-43.
9	Lonkar V.D., Kadam A.S.	2009	Common endoparasites and ectoparasites in poultry and their control measures.	Poultry Punch	25 (5): 25-33.
10	Lonkar V.D., Kadam A.S.	2009	Influenza pandemic- An human concern	Poultry Line	9 (10):9-11
11	Lonkar V.D., Kadam A.S.	27 March 2009	Artificial Insemination in Poultry	Agrowon	Page 15
12	Lonkar V.D., Kadam A.S.	27 March 2009	Prevention of fungal diseases in poultry	Agrowon	Page 15
13	Lonkar V.D., Kadam A.S.	4 April 2009	Household storage of eggs	Agrowon	Page 15
14	Lonkar V.D.	20 April 2009	Bacterial diseases in Poultry	Agrowon	Page 11
15	Lonkar V.D., Kadam A.S.	17 July 2009	Construction of broiler shed	Agrowon	Page 13
16	Lonkar V.D., Kadam A.S.	16 October 2009	Protect your birds from winter	Agrowon	Page 16

17	Lonkar V.D., Kadam A.S.	December 2009	Characteristics of Indian local and improved chicken	Kisanshakti	Page 63
18	Lonkar V.D., Kadam A.S.	December 2009	Egg quality and its care	Kisanshakti	Page 71
19	Lonkar V.D., Kadam A.S.	December 2009	Broiler deep litter housing	Kisanshakti	Page 72
20	Lonkar V.D. and Kadam A.S.	2010	Nutritional management of broilers during heat stress	Poultry Punch	26 (3):44- 49
21	Lonkar V.D., Kadam A.S.	2010	Role of Human in Poultry Disease Outbreak	Poultry Line	10 (2): 49-580
22	Lonkar V.D., Kadam A.S.	2010	Common diseases of turkey and their prevention	Poultry Line	10 (1) : 45-48
23	Lonkar V.D., Kadam A.S.	2010	Pigeon (Columbidae) management	Livestock Line	3 (12): 16-19
24	Lonkar V.D., Kadam A.S.	20 October 2010	Quail farming	Agrowon	Page 15
25	Lonkar V.D., Kadam A.S.	21 October 2010	Management of quails	Agrowon	Page 16
26	Lonkar V.D., Kadam A.S.	25 October 2010	Quail farming answers to farmers question	Agrowon	Page 15
27	Lonkar V.D.	20 December 2010	Alleviation of stress in poultry	Agrowon	Page 13
28	Lonkar V.D.	3 February 2011	Do the treatment of diseases in poultry regularly	Agrowon	Page 8
29	Lonkar V.D.	12 May 2011	Don't neglect poultry management	Agrowon	Page 6
30	Lonkar V.D.	11 January 2012	Management of birds in summer season	Agrowon	Page 12
31	Lonkar V.D., Kadam A.S.	21 January 2012	Do early prevention poultry diseases	Agrowon	Page 8
32	Lonkar V.D., Kadam A.S.	6 March 2012	Disinfection of broiler shed	Agrowon	Page 11
33	Lonkar V.D., Kadam A.S.	13 March 2012	Brooding management	Agrowon	Page 10
34	Lonkar V.D., Kadam A.S.	20 March 2012	Vaccination in poultry	Agrowon	Page 15
35	Lonkar V.D., Kadam A.S.	27 March 2012	Feeding management of poultry	Agrowon	Page 16
36	Lonkar V.D., Kadam A.S.	3 April 2012	Feed the birds a balanced diet	Agrowon	Page 6
37	Lonkar V.D., Kadam A.S.	17 April 2012	Use of Azola in poultry diet	Agrowon	Page 12
38	Lonkar V.D.	8 December 2012	Egg that meets protein requirement	Agrowon	Page 15
39	Lonkar V.D.	8 December 2012	Do vaccination of poultry on time	Agrowon	Page 10

40	Lonkar V.D.	14 March 2013	Routine management of broilers	Agrowon	Page 14
41	Lonkar V.D.	9 April 2013	Take care of birds in summer	Agrowon	Page 10
42	Lonkar V.D.	13May 2013	Do proper rearing broilers	Agrowon	Page 13
43	Lonkar V.D., Kadam M.M.	26 June 2013	Concentrate on broiler health	Agrowon	Page 11
44	Lonkar V.D.	16 October 2013	Control stress in birds	Agrowon	Page 15
45	Lonkar V.D.	17 September 2015	Turkey Management	Agrowon	Page 16
46	Lonkar V.D.	25 August 2018	Poultry management	Agrowon	Page 12
47	Lonkar V.D., Kadam A.S.	14 June 2022	Natural Incubation	Agrowon	Page 12
48	Lonkar V.D., Kadam A.S.	14 September 2022	Eggshell quality and its measures	Agrowon	Page 12
49	Lonkar V.D., Kadam A.S.	15 September 2022	Factors affecting eggshell quality	Agrowon	Page 12
50	Lonkar V.D., Kadam A.S.	14 October 2022	Eggs in our balanced diet	Agrowon	Page 10
51	Lonkar V.D., Kadam A.S.	13 October 2023	Health benefits of eggs	Agrowon	Page 12
52	Lonkar V.D.	21 November 2023	Winter management of birds	Agrowon	Page 12

6. Research Recommendations

Sr. No.	01
Year	2015-16
Project Title	Sustainable rural livelihood security for women of Satara District of Maharashtra through diversified turkey farming
Investigators	Kadam A.S., Lonkar V.D.
Recommendations	Small scale Turkey Farming is recommended for sustainable livelihood security of rural women as additional income generating activity.
Sr. No.	02
Year	2016-17
Project Title	Effect of emulsifier on production performance of broiler chicken
Investigators	Lonkar V.D., Ranade A.S., Mote C.S.
Recommendations	Combination of Glycerol Monostearate, Sucrose Fatty Acid Ester and Sorbitan Fatty Acid Ester as an emulsifier may be used @ 150 g/Ton in broiler diet with reduced Metabolic Energy to the tune of 50 Cal/Kg of feed
Sr. No.	03
Year	2017-18
Project Title	Effect of Organic Acid treated corn cob bedding material on broiler performance, hock burn incidence and litter quality

Investigators	Lonkar V.D., Ranade A.S.
Recommendations	It is recommended to use 10% organic acid treated corn cob as litter material for rearing commercial broilers to improve the performance, litter quality and ensure welfare
Sr. No.	04
Year	2018-19
Project Title	Dietary supplementation of combination of inulin and saponin on performance of laying hens
Investigators	Yenge G.D., Lonkar V.D., Ranade A.S.
Recommendations	It is recommended to supplement the combination of 0.1g of inulin and 0.005g of saponin per kg of feed in commercial layer diet for improvement in the gut health, production performance and egg quality with higher net profit
Sr. No.	05
Year	2018-19
Project Title	Dietary supplementation of L-valine on the performance of broiler
Investigators	Daware A.G., Lonkar V.D., Ranade A.S.
Recommendations	It is recommended to supplement the 0.01% L-Valine in pre-starter and starter broiler diet and 0.12% L-Valine in finisher commercial broiler diet for economical production of broilers.
Sr. No.	06
Year	2019-20
Project Title	To study the effect of shellfish processing industry waste slurry on performance of broilers.
Investigators	Ghorpade S.A., Wadde M.R., Ranade A.S., Mhase P.P. and Dhaygude V.S.
Recommendations	It is recommended to add 2% shellfish processing industry waste slurry in broiler diet for enhanced growth performance and economic gain in broilers.
Sr. No.	07
Year	2019-20
Project Title	Effect of multiple phase feeding on performance of broilers
Investigators	Tikte K.K., Wadde M.R. and Ranade A.S.
Recommendations	Weekly increasing the metabolizable energy content and simultaneously decreasing crude protein, lysine and methionine content of broiler diet improves growth performance and net profit per bird. Hence it is recommended to use 2850, 2900, 2950, 3000, 3050 and 3100 kcal ME, 23, 22.5, 22, 21.5, 21 and 20.5% CP, 1.35, 1.30, 1.25, 1.20, 1.15 and 1% lysine and 0.55, 0.525, 0.50, 0.475, 0.45 and 0.425 % methionine in I, II, III, IV, V and VI week respectively in broiler diet.
Sr. No.	08
Year	2023-24
Project Title	Effect of short periods of incubation during egg storage (SPIDES) on hatchability of broiler breeder eggs

Investigators	Dhotre B.A. , Kadam A.S. and Lonkar V. D.
Recommendations	It is recommended to expose broiler breeder hatching eggs to incubation temperature of 37.5°C and 55 to 60% relative humidity for 2 hrs on 5th and 10th day during 15 days storage period for better hatchability, embryonic survivability, healthy chick production and chick quality.
Sr. No.	09
Year	2023-24
Project Title	Studies on dietary calcium requirement during extended laying cycle in commercial layers
Investigators	Shinde A.K. , Lonkar V.D. , Kadam A.S. , Dhaygude V.S. , Agivale S.M. and Bhalerao S. M.
Recommendations	In commercial layers, it is recommended to use 4.0% dietary Ca (65% coarser and 35% fine form) in extended laying cycle (81-100 weeks) to improve egg production and reduce egg defects without affecting egg qualities.
Sr. No.	10
Year	2024-25
Project Title	Performance of commercial broilers under separate sex rearing and feeding
Investigators	Dhore N., Kadam A.S., Lonkar V. D. Mote C.S., Jadhav S.N., Kadam B.R.
Recommendations	It is recommended to use 18% crude protein in male and 19.5% in female finisher diets with 3200 kcal ME/kg during separate sex rearing.

7. MOU signed by the Colleges: Nil

8. Research Priorities / Thematic areas: Department Wise

1. Nutritional and managerial interventions for improving the productivity of poultry
2. Nutritional strategies to improve poultry gut health

9. Significant Research Achievement

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