

Department of Livestock Products Technology

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
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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
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3. Research Priorities:

Sr. No.	Research Area	Aim	Objective	Benefits of Farmers
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4. Thesis:

Master:

Name of Department :				
Sr. No.	Name of the Student	Title of Thesis	Year of Completion	Name of the Advisor
1.	MISS KHADE ASMITA SATYANAND	EFFICACY OF ACIDULANTS IN SPENT HEN MEAT PICKLE	2018	Dr. Mohammad Raziuddin
2.	SHAIKH SULTAN FAZLUR REHMAN	PROCESS STANDERDIZATION OF FIBRE RICH CHEVON NUGGETS INCORPORATED WITH GREE BABANA PILP POWDER	2021	Dr. A. A. Devangare
3.	INDURKAR SACHIN BHAGWAN	EFFECT OF MARINATION WITH LACTIC ACID AND SKIM MILK POWDER ON QUALITY OF SPENT HEN MEAT PATTIES	2022	Dr. A. A. Devangare
4.	RANVEERKAR BHUMIKA PURUSHOTTAM	DEVELOPMENT OF SPENT HEN MEAT FINGER	2023	Dr. Mohammad Raziuddin
5.			2023	Dr. A. A. Devangare

	BORUDE PRATIK SUNIL	IMPACT OF HERBAL MIXTURE ON CARCASS TRAITS AND MEAT QUALITY OF BROILER CHICKEN		
6.	KONETI PRIYA BHARGAVI	PROCESS OPTIMIZATION AND PROTEOME CHARACTERIZATION OF GELATIN RECOVERED FROM POULTRY PROCESSING WASTE	2024	Dr. Mohammad Raziuddin

Doctoral:

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

5. Research Papers Published:

List of Research Publications:

Sr. No.	Authors	Year	Title of the Research Paper	Name of the Journal	Volume; Page Nos.	NAAS Rating, if any
	Raziuddin M., R. Narendra babu and V. Appa Rao	2022	Impact of Butter on Quality of Goat Meat Spread	International Journal of Agriculture Sciences	Volume 14, Issue 11, 2022, pp.- 11815-11817.	4.58
	Ajay T. Tandale, B.B. Nayak, K.A. Martin Xavier, A.A. Devangre, Sandeep B. Gore, Amjad K. Balange	2022	Phenolic Compounds and Bioactive Properties of Black Tea Powder	Indian Journal of Animal Research	<i>Indian Journal of Animal Research</i> 1: 5.	6.44
	Manisha Jawale, Anita Chappalwar and Ashok Devangare		Quality assessment of milk in supply chain of Parbhani sub-division	Indian J Dairy Science	75(3): 248-254	5.95
	Raziuddin. M , R. Narendra Babu, V. Appa Rao, R. Ramani, K. Sudheer	2023	Calcium Fortified Value Added Goat Meat Spread	American Journal of Food Science and Technology	2023, Vol. 11, No. 1, 15-21	1.0 IF
	Asinapuram Sindhura, V. Appa Rao1, R. Narendra	2023	Detection of Beef Adulteration In	Indian Journal of Small Ruminants	2023, 29 (2) : 300-306	05.11

	Babu, M. Raziuddin , K. Sudheer and C. Vasanthi		Mutton By Fourier Transform-Near Infrared Spectroscopy With Chemometrics			
	K. Sudheer, R. Narendra Babu, V. Appa Rao, A. Sindhura, M. Raziuddin And M. Kalyana Chakravarthi	2023	Meat Species Identification in Chicken Blood Meal using Polymerase Chain Reaction Technique	Indian J. Anim. Prod. Manage.	(2023) 37(2), 152-156	02.51
	Asinapuram Sindhura, V. Appa Rao, R. Narendra Babu, K. Sudheer, M. Raziuddin and P. Revathi	2023	Molecular Detection Of Beef Adulteration In Mutton By Duplex Polymerase Chain Reaction	Indian Journal of Small Ruminants	2023, 29 (1) : 179-181	05.11
	Priya B. Koneti, M. Raziuddin and A. A. Devangare	2023	Advances in Intelligent Food Packaging of Meat	J. Meat Sci.	2023, 18(1): 23-27	3.98
	Ranveerkar, B.P., Raziuddin, M., Devangare, A.A., Gaikwad, N.Z., Awandkar, S.P., Suryawanshi, R.D. and Kulkarni, R.C.	2024	Effect of Cooking Method on Quality Characteristics of Spent Hen Meat Finger	<i>The Indian Journal of Nutrition and Dietetics</i>	<i>Vol. 61 (1), January to March 2024</i>	04.84
	Priya B. Koneti, M. Raziuddin*, Rituparna Banerjee, A.A Devangare, R.C. Kulkarni, Ashok V. Bhosale, Naveena B. Maheswarappa, Balaji Belore, Judy L, Sowmya P, Thakre S, Hangarkar M	2024	Biopolymer Characterization: Gelatin from Poultry Waste as a Sustainable Alternative	Journal of Meat Science	Year 2024 (December), Volume-19, Issue-2	03.98

List of Marathi and Popular articles published:

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

6. Research Recommendations

Sr. No.	
Year	
Project Title	
Investigators	
Recommendations	

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

- Utilization of slaughter house by-products and poultry waste
- Value added milk and meat products
- Food safety, packaging and preservation of milk, meat and its products
- Nutritional fortification and development of functional foods
- Carcass characterization of different goat breeds

9. Significant Research Achievement:

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