

## Curriculum Vitae

1. Full Name – Dr. Mahendar Singh Meel
2. Father's/Husband Name – Gyan Chand Meel
3. Designation – Assistant Professor
4. DOB – 15.12.1984
5. Gender - Male
6. Caste Category - OBC
7. Mobile No. – 9414968572 & 7976253852
8. Email ID – [drmsmeel@yahoo.com](mailto:drmsmeel@yahoo.com)
9. Present Place of posting - College of Veterinary & Animal Science, Navania, Vallabhnagar, Udaipur-313601 (Rajasthan)
10. Department/ Unit – Animal Nutrition
11. Subject of specialization – Animal Nutrition
12. State of domicile - Rajasthan



### Academic Qualifications

S. No.	Degree	Subject	Year of Passing	Univ./Institute	O.G.P.A. Percentage
A	Secondary	Hindi, English, Sanskrit, Maths, Science & Social Science	1999	RBSE, Ajmer	77.33
B	Higher secondary/ 10+2 board	Hindi, English, Physics, Chemistry & Biology	2001	RBSE, Ajmer	68.77
C	Graduation	Veterinary and Animal Science	2009	CVAS, Bikaner (SKRAU, Bikaner)	6.58
D	Post Graduation in the concerned subject	Animal Nutrition	2011	CVAS, Bikaner (RAJUVAS, Bikaner)	8.13
E	Ph.D./M. Phil in the concerned subject	Animal Nutrition	2021	CVAS, Vallabhnagar (RAJUVAS, Bikaner)	8.50

### 1. Academic and other Awards and Recognition

S. No.	Name of Award/ fellowship/recognition	Details of award/ agency/ category etc.	Year of Award
1.	Certificate of Excellence awarded to me as Member of Scientific Advisory Board in recognition of an outstanding contribution to quality of the journal	International Journal of Livestock Research	2017
2.	Elected for the post of CEC member	Animal Nutrition Society of India	2021
3.	Executive Member	RAJUVAS Alumini Association	2022
4.	Associate Fellow Award	Animal Nutrition Society of India during ANSICON-2024 organized from January 23-25, 2024 at Madras Veterinary College, Chennai	2024
5.	Elected for the post of CEC member	Animal Nutrition Association	2024

## 2. Service Experience

S. No.	Designation	Place of Duty	From Date	To Date	Nature of Duty
1.	Veterinary Officer	Veterinary Hospital, Semari, Udaipur	16.01.2013	01.10.2013	All duties of Veterinary Officer
2.	Veterinary Officer	Veterinary Hospital, Bhaislana, Jaipur	02.10.2013	20.08.2014	All duties of Veterinary Officer
3.	Assistant Professor	Livestock Research Station, Chandan, Jaisalmer	21.08.2014	25.10.2017	Teaching, Research & Extension
4.	Assistant Professor	College of Veterinary & Animal Science, Navania, Vallabh Nagar, Udaipur	26.10.2017	Till date	Teaching, Research & Extension

## 3. Participation in training/ seminar/ symposium/conference/webinars etc.

### Trainings

S. No.	Details of trainings	Dates and Duration	Place and Host institute	Year of event
1.	<b>Recent Trends in Comparative Animal Nutrition</b>	21 days (16 <sup>th</sup> Sept.-6 <sup>th</sup> Oct., 2016)	Division of Animal Nutrition, Indian Veterinary Research Institute, Izatnagar, U.P.	2016
2.	<b>NUTRITION FOR HEALTH: <i>Advances in the Science of Animal Nutrition</i></b>	21 days (7-27 February, 2018)	Division of Animal Nutrition, Indian Veterinary Research Institute, Izatnagar, U.P.	2018
3.	<b>Orientation training programme on: <i>Teaching Methodology</i></b>	21 days (10-30 May, 2019)	Directorate of Extension Education, RAJUVAS, Bikaner	2019
4.	<b>Training on “Smart Dairy Farming: Boosting Productivity through Innovations”</b>	5 days (18-22 August, 2020)	NAHEP-CAAST, NAU, Navsari, Gujarat, India	2020
5.	<b>International online training programme on “Recent Advances in Nutritional Management of Dairy Cows in Changing Paradigm”</b>	(3 days) 6-8 October, 2020	Post Graduate Institute of Veterinary and Animal Sciences, Akola, Maharashtra	2020
6.	<b>International e-Training cum Orientation Programme on “Physio-biochemical and Biotechnological Approaches for Optimization of Health and Reproduction in Animals”</b>	21 days (1-21 December, 2020)	Department of Veterinary Physiology & Biochemistry, College of Veterinary Science and Animal Husbandry, Mhow (M.P.)	2020
7.	<b>Training on “Design Thinking in Research and Education with Focus on Veterinary Sciences”</b>	6 days (22-27 March, 2021)	ICAR – NAARM, Hyderabad & RAJUVAS, Bikaner	2021
8.	<b>National Online Training Programme on “Nutritional Interventions for Livestock and Poultry”</b>	3days (6-8 April, 2021)	Department of Animal Nutrition and Department of Poultry Science, Nagpur Veterinary College, Nagpur	2021
9.	<b>National training programme for faculty development</b>	8 days (4-11 February, 2022)	ICAR – NAARM, Hyderabad	2022
10.	<b>agMOOCs online course on “Management of Metabolic and Production Disorders in Cattle”</b>	6 week (31 May – 11 July, 2022)	Centre for Development of Technical Education, IIT Kanpur and Commonwealth of Learning (COL), Canada.	2022
11.	<b>An Advanced Training Programme on “Advances in Nutrition and Gut Ecology for Improving Livestock Productivity”</b>	21 days (22 Nov-12 Dec, 2022)	Division of Animal Nutrition, Indian Veterinary Research Institute, Izatnagar, U.P.	2022

12.	<b>agMOOCs online course on “Practical animal nutrition for augmenting livestock and poultry productivity”</b>	6 week (11 July – 31 August, 2023)	Commonwealth of Learning (COL), Canada and Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), Chennai, India.	2023
13.	<b>agMOOCs online course on “Current trends in treatment and control of parasitic diseases of livestock and poultry”</b>	6 week (19 December – 09 February, 2024)	Commonwealth of Learning (COL), Canada and Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), Chennai, India.	2024
14.	<b>NEP 2020 Orientation &amp; Sensitization Programme</b>	10 days (19-28 February, 2024)	Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by <i>MMTTC of Shri Lal Bahadur Shastri National Sanskrit University (Central University), New Delhi</i>	2024
15.	<b>NEP 2020 Orientation &amp; Sensitization Programme</b>	10 days (15-25 April, 2024)	Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by <i>MMTTC of Shri Lal Bahadur Shastri National Sanskrit University (Central University), New Delhi</i>	2024
16.	<b>Collaborative Online Training Program On “Animal Health and Nutrition: Innovative Approaches and Future Outlook”</b>	3 days (24-26 September, 2024)	Rajasthan University of Veterinary and Animal Sciences, Bikaner & MANAGE, Hyderabad	2024

**Seminar/ symposium/conference/ workshop**

<b>S. No.</b>	<b>Details of conference/ symposium/ seminar/workshop</b>	<b>Dates and Duration</b>	<b>Place and Host institute</b>	<b>Year of event</b>
1.	IX Biennial ANA Conference	22-24 <sup>th</sup> January, 2015 (3 days)	Assam Agricultural University, Guwahati, Assam	2015
2.	National Seminar & 3 <sup>rd</sup> Annual Meeting of Society of Veterinary Science and Biotechnology	7-8 <sup>th</sup> October, 2015 (2 days)	RAJUVAS, Bikaner	2015
3.	National Conference on “New Horizons of Veterinary and Medical Forensic Medicine”	5-6 March, 2016 (2 days)	RAJUVAS, Bikaner	2016
4.	National Symposium, ISAPM and 24 <sup>th</sup> Annual Convention	17-19 <sup>th</sup> May, 2017 (3 days)	Division of LPM, FVSc & AH, SKUAST-K, Srinagar	2017
5.	XI Biennial ANA Conference on	19-21 <sup>st</sup> November, 2018 (3 days)	Bihar Animal Sciences University, Patna	2018
6.	VI <sup>th</sup> Annual Convention of Society for Veterinary Science & Biotechnology and National Symposium	13-14 <sup>th</sup> December, 2018 (2 days)	CVAS, Navania, Vallabh Nagar, Udaipur (Rajasthan)	2018
7.	XVIII Biennial Conference (INCAN-2019)	17-19 <sup>th</sup> December, 2019 (3 days)	West Bengal University of Animal and Fishery Sciences, Kolkata	2019
8.	National Conference, ISAPM and 27 <sup>th</sup> Annual Convention	4-6 <sup>th</sup> February, 2020 (3 days)	PGIVER, Jaipur	2020
9.	22 <sup>nd</sup> Indian Veterinary Congress,	8-9 <sup>th</sup> April, 2022	CVAS, Navania, Vallabh Nagar,	2022

	XXIX Annual Conference of IAAVR and National Symposium	(2 days)	Udaipur (Rajasthan)	
10.	XVIII Annual Convention of Indian Society for Advancement of Canine Practice and National Symposium on “Newer Concepts and Approaches in Small Animal Practice and Welfare”	22 – 24 <sup>th</sup> September, 2022 (3 days)	Department of Veterinary Medicine, College of Veterinary & Animal Sciences, Navania, Vallabh Nagar, Udaipur, RAJUVAS, Bikaner	2022
11.	19 <sup>th</sup> Biennial International Conference of Animal Nutrition Society of India on “Nutritional Technologies to Augment Livestock, Poultry, Canine and Fish Production for Global Competitiveness”	16-18 <sup>th</sup> November, 2022 (3 days)	Department of Animal Nutrition, Guru Angad Dev Veterinary and Animal Sciences University Ludhiana – 141004, Punjab	2022
12.	XII Biennial Conference on “New Horizons of Animal Nutrition Research: Combating the Challenges of Productivity, Health and Welfare of Animals”	16-18 <sup>th</sup> February, 2023 (3 days)	Department of Animal Nutrition, DUVASU, Mathura & Animal Nutrition Association, ICAR-Indian Veterinary Research Institute, Izatnagar (UP), India	2023
13.	20 <sup>th</sup> Biennial International Conference of Animal Nutrition Society of India on “Sustainable Animal Nutrition for Global Health and Production: Innovations and Directions”	23-25 <sup>th</sup> January, 2024 (3 days)	Department of Animal Nutrition, Madras Veterinary College, Chennai	2024
14.	XXXVI Annual Convention of “Indian Association of Veterinary Microbiologists, Immunologists and Specialists in Infectious Diseases” & National Conference on “Impact of Animal Health on One Health and National Prosperity”	6-7 <sup>th</sup> June, 2024 (2 days)	Department of Veterinary Microbiology, College of Veterinary and Animal Science, Navania, Vallabh Nagar, Udaipur	2024

#### Webinars

S. No.	Details of webinars	Dates and Duration	Place and Host institute	Year of event
1.	Emerging Scenario of Zoonoses and its Public Health Significance	6 <sup>th</sup> July, 2020	Department of Microbiology and Department of Veterinary Public Health, College of Veterinary Science and Animal Husbandry, Sardarkrushinagar, Gujarat	2020
2.	Bioavailability of Nutrients and Ion Channels: An Anatomical Approach	7 <sup>th</sup> July, 2020	College of Veterinary Science & Animal Husbandry, Rewa (M.P.)	2020
3.	Agricultural Knowledge Management in the Networked Digital Environment	15 <sup>th</sup> July, 2020	National Knowledge Management Centre for Agricultural Education and Research, ICAR-Indian Veterinary Research Institute, Izatnagar (UP) & Maharana Pratap University of Agriculture and Technology, Udaipur (Rajasthan)	2020
4.	Intellectual Property Rights in Agriculture Sector	17 <sup>th</sup> July, 2020	SKRAU, Bikaner	2020
5.	Feed Additives for Improving the Efficiency and Sustainability of Milk Production in Dairy Animals	20-21 <sup>st</sup> July, 2020 (2 days)	Department of Animal Nutrition, College of Veterinary Science and Animal Husbandry, Sardarkrushinagar, Gujarat	2020
6.	Eggs and Poultry Meat in New Normal	28 <sup>th</sup> July, 2020	College of Veterinary Science & Animal Husbandry, Rewa (M.P.)	2020

7.	International Webinar on Role of Poultry Sector in Boosting the Post COVID Indian Economy	28-30 <sup>th</sup> July, 2020 (3 days)	College of Avian Sciences and Management, Kerala Veterinary and Animal Sciences University, Thiruvazhamkunnu, Palakkad, Kerala, 678601 and ICAR-NAHEP Innovation Grant	2020
8.	Oxidative stress in farm animals	6 <sup>th</sup> August, 2020	<a href="http://www.nutrex.eu">www.nutrex.eu</a> Hoogbuul 24, Olen 2250, BELGIUM	2020
9.	Metabolic Diseases of Importance in Dairy Animals	27 <sup>th</sup> August, 2020	Veterinary Internal and Preventive Medicine Society (VIPM) & Department of Veterinary Medicine, PGIVER, Jaipur	2020
10.	Blending Local and Global Knowledge and Innovation System: Translating NEP (New Education Policy) Goals into Practice	29 <sup>th</sup> August, 2020	Livestock Innovation, Knowledge & Entrepreneurship Skill Cell (LIKES) PGIVER, Jaipur (RAJUVAS, Bikaner)	2020
11.	Vaccination for Dogs and Cats – Recent advances and guidelines	5 <sup>th</sup> September, 2020	Indian Society for Veterinary Medicine (ISVM) in association with Zydus AHL	2020
12.	Nutritional strategies to enhance livestock productivity. A way forward with special reference to NE region of India	11 <sup>th</sup> September, 2020	Department of Animal Nutrition, College of Veterinary Science, Assam Agricultural University, Khanpara	2020
13.	Diagnostic Veterinary Pathology	12 <sup>th</sup> September, 2020	Department of Veterinary Pathology, Madras Veterinary College, Chennai, Tamilnadu	2020
14.	Role of Drug Metabolism and Pharmacokinetics in Drug Discovery and Development	12 <sup>th</sup> September, 2020	Indian Society of Veterinary Pharmacology and Toxicology	2020
15.	National webinar on “Pediatric health management of Dog and Cats: Crux of practical approach”	15 <sup>th</sup> September, 2020	Department of Veterinary Medicine, PGIVER, Jaipur	2020
16.	ET/IVF/OPU in Bovine	18 <sup>th</sup> September, 2020	Department of Animal Reproduction, Gynaecology & Obstetrics, Nagpur Veterinary College, Nagpur	2020
17.	Revisiting Package of Practices for the Control of Brucellosis	24 <sup>th</sup> September, 2020	Veterinary Internal and Preventive Medicine Society (VIPM) & Department of Veterinary Epidemiology and Preventive Medicine, DUVASU, Mathura, U.P.	2020
18.	One Health Approach to Control and Elimination of Rabies in India	25 <sup>th</sup> September, 2020	Department of Veterinary Public Health & Epidemiology, College of Veterinary Science and Animal Husbandry, AAU, Anand, Gujarat	2020
19.	How to develop yourself for career (not job) in veterinary and animal husbandry domain	26 <sup>th</sup> September, 2020	Livestock Innovation, Knowledge & Entrepreneurship Skill Cell (LIKES) PGIVER, Jaipur (RAJUVAS, Bikaner)	2020
20.	Concepts of Statistical Methodologies in Animal Sciences	26-27 September, 2020 (2 days)	Department of Animal Genetics and Breeding, LCVSc, AAU, Joyhing, North Lakhimpur, Assam	2020
21.	One Health Approach for Prevention & Control of Emerging Zoonoses & Rabies in India	28 <sup>th</sup> September, 2020	Centre for Diagnosis, Surveillance & Response of Zoonotic Diseases (CDSRZ), Department of Veterinary Medicine, PGIVER, Jaipur	2020
22.	Updates on Treatment and Control of Mastitis in Bovine	3 <sup>rd</sup> October, 2020	Alembic Pharmaceuticals Ltd, Mumbai	2020
23.	Conservation-Conservation (Wildlife week – 2020)	2-8 <sup>th</sup> October, 2020 (7 days)	ENPROTEC INDIA FOUNDATION	2020
24.	Advancements in Veterinary Diagnostics- A Journey in Veterinary	14 <sup>th</sup> October, 2020	RAJUVAS, Bikaner and Indian Association of Veterinary Pathologists	2020

	Pathology			
25.	Present Challenges and Future Prospects of Dairy Sector in Eastern India	17 <sup>th</sup> October, 2020	ICAR-National Dairy Research Institute and Eastern Regional Station , Kalyani, West Bengal-741235, India	2020
26.	Recent Advances in Enteric Methane Emission and its Mitigation Strategies	20 <sup>th</sup> October, 2020	Bihar Animal Sciences University, Patna	2020
27.	Low Cost Hydroponic Fodder Production for Animals	25 <sup>th</sup> October, 2020	College of Veterinary Sci. & A.H., Navsari, Gujarat	2020
28.	Entrepreneurship & Market Led Extension for Livestock Development	3 <sup>rd</sup> November, 2020	Livestock Innovation, Knowledge & Entrepreneurship Skill Cell (LIKES) CVAS, Bikaner (RAJUVAS, Bikaner)	2020
29.	Climate Smart Livestock and Poultry Production Through Nutritional Interventions	23-24 November, 2020 (2 days)	Institute of Animal Nutrition, Directorate of Centre for Animal Production Studies, Tamil Nadu Veterinary and Animal Sciences University	2020
30.	National Web Conference on “Sustainable Fodder Production for Improving the Livelihood of Small and Marginal Farmers”	26 <sup>th</sup> November, 2020	Bihar Agricultural University, Sabour, Bhagalpur, 813210, Bihar, India	2020
31.	Gender in Livestock Sector	12 <sup>th</sup> January, 2021	Livestock Innovation, Knowledge & Entrepreneurship Skill Cell (LIKES) PGIVER, Jaipur (RAJUVAS, Bikaner)	2021
32.	One Health Initiative in Addressing Public Health Issues in the Present Pandemic Situation	13 <sup>th</sup> February, 2021	Society for Bioinformatics & Biological Sciences, Prayagraj in collaboration with Applied Research & Development Organization, Jammu	2021
33.	National Seminar on “Current Trends in Diagnostic Approaches for Diagnosis of Important Livestock Diseases”	7 <sup>th</sup> March, 2021	Society for Bioinformatics & Biological Sciences, Prayagraj in collaboration with Applied Research & Development Organization, Jammu	2021
34.	New Horizons in Livestock Health and Production	21 <sup>st</sup> May, 2021	Faculty of Science (Department of Agriculture), Jagannath University, Jaipur	2021
35.	International Webinar on Host-microbial interactions in Neonatal calves	5 <sup>th</sup> July, 2021	Animal Nutrition Division, ICAR – National Dairy Research Institute, Karnal	2021
36.	International Webinar on “COVID-19: Where do we go from here to deal Zoonoses”	6 <sup>th</sup> July, 2021	Centre for Diagnosis, Surveillance & Response of Zoonotic Diseases (CDSRZ), Department of Veterinary Medicine, PGIVER, Jaipur	2021
37.	National Webinar on “Compassion, Kindness and Commitment for Animals”	16 <sup>th</sup> July, 2021	Livestock Innovation, Knowledge & Entrepreneurship Skill Cell (LIKES) PGIVER, Jaipur (RAJUVAS, Bikaner)	2021
38.	International Webinar on Colonization and establishment of rumen microbiota-opportunities to influence the livestock productivity	20 <sup>th</sup> July, 2021	Animal Nutrition Division, ICAR – National Dairy Research Institute, Karnal	2021
39.	A New Era Window Vision for Emerging Surgico-Diagnostic Techniques of Animals	23 <sup>rd</sup> July, 2021	Alembic Pharmaceuticals Ltd, Mumbai	2021
40.	Blood Transfusion in large animals under field conditions: An Innovative approach	25 <sup>th</sup> July, 2021	Alembic Pharmaceuticals Ltd, Mumbai	2021
41.	Series on “Semen freezing, Artificial Insemination & PD in goats	15 <sup>th</sup> August, 2021	Sathya Zerograzing in association with Indian Society for Sheep and Goat Production and Utilization (ISSGPU) & Centre for sustainable Agriculture (CSA), Blue Cross Welfare Foundation, Sangli, Pashudhan Praharee & Alembic Pharmaceuticals Ltd.	2021

42.	Towards sustainable management of helminthosis with limited chemotherapy	25 <sup>th</sup> August, 2021	Alembic Pharmaceuticals Ltd, Mumbai	2021
43.	National webinar on “Veterinary Genomics and Bioinformatics as a career option for Veterinary Graduates”	3 <sup>rd</sup> September, 2021	Livestock Innovation, Knowledge & Entrepreneurship Skill Cell (LIKES) PGIVER, Jaipur (RAJUVAS, Bikaner)	2021
44.	National webinar on “Importance of micro minerals in sheep & goat nutrition”	5 <sup>th</sup> September, 2021	Alembic Pharmaceuticals Ltd, Mumbai	2021
45.	Webinar on “E-resources in Networked Digital Environment”	28 <sup>th</sup> September, 2021	ICAR-Indian Veterinary Research Institute (IVRI), Izatnagar (UP)	2021
46.	Short course on Poultry Management	24-25 September, 2021	U.S. Soybean Export Council	2021
47.	Webinar on “Understanding Principles of Fluid Therapy in Animals”	21 <sup>st</sup> January, 2022	Alembic Pharmaceuticals Ltd, Mumbai	2022
48.	National Webinar on “Entrepreneurship Development on Backyard & Commercial Poultry for Economic Development in Odisha ”	16 <sup>th</sup> February, 2022	College of Veterinary Science and Animal Husbandry, OUAT, Bhubaneswar	2022
49.	Webinar on “Efficient ways to combat bovine anestrus at field condition”	30 <sup>th</sup> March, 2022	Alembic Pharmaceuticals Ltd, Mumbai	2022
50.	Webinar on “Clinical perspective on ruminal acidosis”	28 <sup>th</sup> April, 2022	Alembic Pharmaceuticals Ltd, Mumbai	2022
51.	International Webinar on “Future of Artificial Intelligence in Everyday Life”	18 <sup>th</sup> May, 2024	Youth Lab Colorado, USA	2024
52.	Brainstorming Session on “Enhancing Farmers Prosperity Through the Application of IVF Technology in Cows and Buffaloes”	28 <sup>th</sup> September, 2024	College of Veterinary and Animal Science, Navania, Vallabhnagar, Udaipur	2024

#### 4. Publications

##### Research Paper

S. No.	Brief Title of paper published in Journal	Journal name	NAAS/ impact factor value	Details of publication/ doi/ publication ID	Year of publication
1.	Effect of Ashwagandha ( <i>Withania somnifera</i> ) supplementation on nutrient utilization in Rathi calves	<i>Veterinary Practitioner</i>	5.10	13(2): 143-144	2012
2.	Effect of supplementation of various levels of dewbean straw and <i>Saccharomyces cerevisiae</i> in complete feed on in vitro fermentation of goat rumen liquor	<i>Indian Journal of Animal Nutrition</i>	5.66	30(2): 141-144	2013
3.	Influence of <i>Sapindus mukorossi</i> (Reetha) as Herbal Feed Additive on Rumen Fermentation and Nutrient Digestibility in Rathi Calves	<i>Indian Journal of Animal Nutrition</i>	5.66	32(2): 164-167	2015
4.	Effect of Supplementation of Ashwagandha ( <i>Withania somnifera</i> ) on <i>In vitro</i> Digestibility of feed and Total Gas Production with Rumen Liquor of Rathi calves	<i>Veterinary Practitioner</i>	5.10	16(2): 308	2015
5.	Evaluation of <i>In Vitro</i> Gas Production and Digestibility of Complete Feed Supplemented with different Levels of <i>Sapindus Mukorossi</i> (Reetha) in Rumen Liquor of Rathi Calves	<i>Journal of Indian Veterinary Association</i>	3.84	14(2): 42-46	2016
6.	Economics of Milk Production of Cows in Jaisalmer and Barmer	<i>Ruminant Science</i>	5.47	5(2): 191-192	2016

	Districts of Rajasthan				
7.	Rumen Fermentation Patterns in Rathi Calves Fed Complete Feed Supplemented with Herbal Feed Additives	<i>International Journal of Livestock Research</i>	5.36	7(1): 63-71	2017
8.	Studies on Production Performance of Tharparkar Cattle at organized Farm	<i>International Journal of Livestock Research</i>	5.36	7(1): 54-62	2017
9.	Effect of feeding <i>Aloe vera</i> alone and combination with feed additive like enzyme on the dry matter metabolizability, n-balance and carcass traits of broiler chicks	<i>Veterinary Practitioner</i>	5.10	18(1): 133-135	2017
10.	Proportion of strongyle type larvae in buffaloes	<i>Veterinary Practitioner</i>	5.10	18(2): 212	2017
11.	Effect of aloe vera as herbal feed additive on digestibility of Nutrients and rumen fermentation in Rathi calves	<i>Veterinary Practitioner</i>	5.10	18(2): 282-283	2017
12.	Studies on genetic and phenotypic correlation of different productive and reproductive traits of Tharparkar cattle at organized farm	<i>Ruminant Science</i>	5.47	6(2): 275-278	2017
13.	Theileriosis in Tharparkar Calves and its Therapeutic Management – Case Study.	<i>International Journal of Current Microbiology and Applied Sciences</i>	5.32	7(8): 3981-3983	2018
14.	Evaluation of In vitro Gas Production and Digestibility of Wheat Straw Based Complete Feed Supplemented with Different Levels of Herbs in Rumen Liquor of Marwari Sheep.	<i>International Journal of Livestock Research</i>	5.36	9(1): 80-85	2019
15.	Effect of Herbs as Feed Additive on Rumen Fermentation Patterns and Haemato-Biochemical Parameters in Marwari Rams Fed Wheat Straw Based Complete Feed.	<i>International Journal of Livestock Research</i>	5.36	9(2): 32-40	2019
16.	Effect of feeding different levels of <i>Moringa oleifera</i> leaves on digestibility of nutrients in Sirohi goat kids.	<i>International Journal of Chemical Studies</i>	5.21	7(2): 1404-1408	2019
17.	Effect of Supplementation <i>Occimum sanctum</i> (Tulsi) Leaf and <i>Zinziber officinale</i> (Ginger) Powder as Feed Additives on Nutrient Utilization of Broiler Chicks.	<i>International Journal of Science, Environment and Technology</i>	4.00	8(6): 1129-1134	2019
18.	Effect of Feeding <i>Moringa oleifera</i> Leaf Meal as Feed Additive on the Performance and Carcass Characteristics of Broiler Chicks	<i>International Journal of Current Microbiology and Applied Sciences</i>	5.32	10(01): 40-46	2021
19.	Effect of feeding <i>Moringa oleifera</i> leaf meal with multienzyme on performance, carcass characteristics and economics of production of broiler chicks.	<i>Asian Journal of Dairy and Food Research</i>	5.75	40(1): 118-122	2021
20.	Effect of Turmeric ( <i>Curcuma longa</i> ) Powder and Synbiotic as Alternative to Antibiotic Growth Promoter on Haemato-biochemical Parameters, Comparative Economics and Mortality of Broiler Chicks.	<i>International Journal of Bio-resource &amp; Stress Management</i>	5.11	12(2): 125-130	2021
21.	Growth performance of Sirohi goat kids under different feeding	<i>The Pharma Innovation</i>	5.23	SP-11(3): 598-600	2022



	management systems.	<i>Journal</i>			
22.	Effect of dietary inclusion of <i>Trachyspermum ammi</i> on growth performance and carcass characteristics of broiler chickens.	<i>Asian Journal of Dairy and Food Research</i>	5.75	DOI: <a href="https://10.18805/ajdfr.DR-1866">https://10.18805/ajdfr.DR-1866</a>	2022
23.	Alterations in some important hematological attributes in Gir cattle during varying study points of peripartum period	<i>The Pharma Innovation Journal</i>	5.23	SP-11(8): 1960-1963	2022
24.	Effect of Herbal Feed Additives Fenugreek ( <i>Trigonella foenumgraecum</i> ) Seed Powder and Onion ( <i>Allium cepa</i> ) Powder on Haemato-biochemical and Carcass Characteristics of Broilers	<i>Asian Journal of Dairy and Food Research</i>	5.75	DOI: <a href="https://10.18805/ajdfr.DR-1904">https://10.18805/ajdfr.DR-1904</a>	2022
25.	Influence of dietary inclusion of <i>Moringa oleifera</i> leaf meal on blood chemistry of broiler chicks	<i>Scientist</i>	6.85	(3): 4300-4305	2022
26.	Effect of Ajwain ( <i>Trachyspermum ammi</i> ) Supplementation on Haemato-Biochemical Parameters of Broiler Chicks	<i>Scientist</i>	7.72	5(5): 55-59	2023
27.	Dietary Supplementation of <i>Moringa oleifera</i> Leaf Meal: Impact on Tibia Bone Retention of Broiler Chicks	<i>Journal of Animal Research</i>	4.78	13(6): 01-05	2023
28.	Role of direct fed microbials in enhancing bovine productivity: A review	<i>International Journal of Veterinary Sciences and Animal Husbandry</i>	4.61	SP-9(1): 586-590	2024
29.	Effect of Dietary Supplementation of Prebiotic and Acidifier Powder on Growth Performance and Haemato-biochemical Parameters in Broilers.	<i>International Journal of Bio-resource and Stress Management</i>	5.40	15(4): 01-07	2024
30.	Effect of Dietary Supplementation of Tejpatta ( <i>Cinnamomum tamala</i> ) Leaf Powder as Feed Additive on Growth Performance and Haematobiochemical Parameters of Broilers.	<i>Asian Journal of Dairy and Food Research</i>	5.75	. DOI: <a href="https://10.18805/ajdfr.DR-2116">https://10.18805/ajdfr.DR-2116</a>	2024

#### Conference papers

S. No.	Brief Title of paper presented & documented in symposium / Seminar / Conference / popular article in Journals / magazines / Newspapers	Symposium / Seminar / conference details	Details of publication	Year of publication
1.	Effect of Supplementation of Reetha ( <i>Sapindus mukorossi</i> ) on In vitro Digestibility of Feed and Total Gas Production with Rumen Liquor of Rathi Calves	IX Biennial ANA Conference on 22-24 <sup>th</sup> January, 2015 at AAU, Guwahati, Assam	NME 13on Page No. 71	2015
2.	Effect of feeding Ashwagandha and enzyme alone and in combination on the carcass traits of broiler chicks	IX Biennial ANA Conference on 22-24 <sup>th</sup> January, 2015 at AAU, Guwahati, Assam	NME 35on Page No. 93	2015
3.	Effect of feeding <i>Aloe vera</i> alone and combination with biotechnologically derived feed additive like Enzyme on the dry matter digestibility, N-balance and carcass traits of broiler chicks.	National Seminar & 3 <sup>rd</sup> Annual Meeting of Society of Veterinary Science and Biotechnology on 7-8 <sup>th</sup> October, 2015 at RAJUVAS, Bikaner.	OPNG-4 on Page No. 83	2015
4.	Effect of supplementation of <i>Saccharomyces cerevisiae</i> and various levels of clusterbean straw in complete feed on <i>in vitro</i> fermentation of goat rumen liquor	National Seminar & 3 <sup>rd</sup> Annual Meeting of Society of Veterinary Science and Biotechnology on 7-8 <sup>th</sup> October, 2015 at RAJUVAS, Bikaner.	OPNG-5 on Page No. 84	2015

5.	Cyanide poisoning due to sorghum feeding in cow	National Conference on “New Horizons of Veterinary and Medical Forensic Medicine” on 5-6 March, 2016 at CVAS, Bikaner	OP-29 on Page No. 53	2016
6.	Management of Male Camel during Rutting Period (Breeding)	National Symposium of ISAPM and 24 <sup>th</sup> Annual Convention on 17-19 <sup>th</sup> May, 2017 at Division of LPM, FVSc & AH, SKUAST-K, Srinagar	Page No. 67	2017
7.	Constraint perceived by Gir cattle breeders in conservation of Gir cattle in the Ajmer district of Rajasthan	National Symposium of ISAPM and 24 <sup>th</sup> Annual Convention on 17-19 <sup>th</sup> May, 2017 at Division of LPM, FVSc & AH, SKUAST-K, Srinagar	Page No. 133	2017
8.	Effect of Ashwagandha ( <i>Withania somnifera</i> ) Supplementation on Nutrient Utilization and Ruminant Fermentation in Rathi Calves	XI Biennial ANA Conference on 19-21 <sup>st</sup> November, 2018 at Bihar Animal Sciences University, Patna	-	2018
9.	Effect of <i>Aloe vera</i> as herbal feed additive on nutrients digestibility and ruminal fermentation in Tharparkar calves	XI Biennial ANA Conference on 19-21 <sup>st</sup> November, 2018 at Bihar Animal Sciences University, Patna	-	2018
10.	Effect of feeding Mint ( <i>Mentha piperita</i> ) alone and combination with biotechnologically derived feed additive like Enzyme on the dry matter digestibility, N-balance and carcass traits of broiler chicks	VI <sup>th</sup> Annual Convention of Society for Veterinary Science & Biotechnology and National Symposium on 13-14 <sup>th</sup> December, 2018 at CVAS, Navania, Vallabhnagar, Udaipur (Rajasthan)	Abs-044 on Page No. 70	2018
11.	Nutritional Management for Eco-Friendly Livestock Production: A Review	VI <sup>th</sup> Annual Convention of Society for Veterinary Science & Biotechnology and National Symposium on 13-14 <sup>th</sup> December, 2018 at CVAS, Navania, Vallabhnagar, Udaipur (Rajasthan)	Abs-147 on Page No. 125	2018
12.	Eco-Friendly Animal Production	VI <sup>th</sup> Annual Convention of Society for Veterinary Science & Biotechnology and National Symposium on 13-14 <sup>th</sup> December, 2018 at CVAS, Navania, Vallabhnagar, Udaipur (Rajasthan)	Abs-042 on Page No. 69	2018
13.	Effect of Supplementing Rock Salt on Nutrient Utilization in Tharparkar calves	XVIII Biennial Conference, (INCAN 2019) on 17-19 <sup>th</sup> December, 2019 at West Bengal University of Animal and Fishery Sciences, Kolkata	FAN 001 on Page No. 255	2019
14.	Effect of <i>Asparagus racemosus</i> (Shatavari) as herbal feed additive on nutrients digestibility and ruminal fermentation in Gir calves	XVIII Biennial Conference, (INCAN 2019) on 17-19 <sup>th</sup> December, 2019 at West Bengal University of Animal and Fishery Sciences, Kolkata	FAN 007 on Page No. 261	2019
15.	Effect of feeding of clusterbean ( <i>Cyamopsis tetragonaloba</i> ) straw based complete feed blocks with or without live yeast culture ( <i>Saccharomyces cerevisiae</i> ) supplementation on growth and certain haematological parameters	XVIII Biennial Conference, (INCAN 2019) on 17-19 <sup>th</sup> December, 2019 at West Bengal University of Animal and Fishery Sciences, Kolkata	FAN 015 on Page No. 269	2019
16.	Growth performance of Gir calves fed hydroponics barley fodder	National Conference of ISAPM-2020 on 4-6 February 2020, Organised by PGIVER, Jaipur (Rajasthan University of Veterinary and Animal Sciences, Bikaner)	PP-3.029 on Page No. 180	2020
17.	Growth performance of Gir calves fed hydroponics barley fodder	National Conference of ISAPM-2020 on 4-6 February 2020, Organised by PGIVER, Jaipur (Rajasthan University of Veterinary and Animal Sciences, Bikaner)	PP-3.060 on Page No. 192	2020
18.	Economics of feeding green Azolla ( <i>Azolla</i> )	National Conference of ISAPM-	PP-3.066 on Page No. 194	2020

	<i>pinnata</i> ) in Sirohi kids	2020 on 4 -6 February 2020, Organised by PGIVER, Jaipur (Rajasthan University of Veterinary and Animal Sciences, Bikaner)		
19.	Influence of <i>Moringa oleifera</i> leaf meal supplementation on growth performance and gut microbial count in broiler chickens	22 <sup>nd</sup> Indian Veterinary Congress, XXIX Annual Conference of IAAVR and National Symposium organized by Department of Veterinary Microbiology, College of Veterinary & Animal Sciences, Navania, Vallabhnagar, Udaipur, RAJUVAS, Bikaner held during 8 <sup>th</sup> & 9 <sup>th</sup> April, 2022	OP-93 on Page No. 285	2022
20.	Role of one health framework for combating malaria by ITL	22 <sup>nd</sup> Indian Veterinary Congress, XXIX Annual Conference of IAAVR and National Symposium organized by Department of Veterinary Microbiology, College of Veterinary & Animal Sciences, Navania, Vallabhnagar, Udaipur, RAJUVAS, Bikaner held during 8 <sup>th</sup> & 9 <sup>th</sup> April, 2022	OP-32 on Page No. 184	2022
21.	One Health Approach: Influence On Climate Changes	22 <sup>nd</sup> Indian Veterinary Congress, XXIX Annual Conference of IAAVR and National Symposium organized by Department of Veterinary Microbiology, College of Veterinary & Animal Sciences, Navania, Vallabhnagar, Udaipur, RAJUVAS, Bikaner held during 8 <sup>th</sup> & 9 <sup>th</sup> April, 2022	OP-33 on Page No. 185	2022
22.	Effect of dietary supplementation of turmeric ( <i>Curcuma longa</i> ) and ginger ( <i>Zingiber officinale</i> ) powder as feed additives on carcass characteristics	22 <sup>nd</sup> Indian Veterinary Congress, XXIX Annual Conference of IAAVR and National Symposium organized by Department of Veterinary Microbiology, College of Veterinary & Animal Sciences, Navania, Vallabhnagar, Udaipur, RAJUVAS, Bikaner held during 8 <sup>th</sup> & 9 <sup>th</sup> April, 2022	PP-297 on Page No. 327	2022
23.	Effect of Ajwain ( <i>Trachyspermum ammi</i> ) supplementation on growth performance and carcass characteristics of broiler chickens.	22 <sup>nd</sup> Indian Veterinary Congress, XXIX Annual Conference of IAAVR and National Symposium organized by Department of Veterinary Microbiology, College of Veterinary & Animal Sciences, Navania, Vallabhnagar, Udaipur, RAJUVAS, Bikaner held during 8 <sup>th</sup> & 9 <sup>th</sup> April, 2022	PP-340 on Page No. 352	2022
24.	Growth performance of Sirohi goat kids under different feeding management systems	22 <sup>nd</sup> Indian Veterinary Congress, XXIX Annual Conference of IAAVR and National Symposium organized by Department of Veterinary Microbiology, College of Veterinary & Animal Sciences, Navania, Vallabhnagar, Udaipur, RAJUVAS, Bikaner held during 8 <sup>th</sup> & 9 <sup>th</sup> April, 2022	PP-283 on Page No. 319	2022
25.	An overview "Feeding a working dog"	XVIII Annual Convention of Indian Society for Advancement of Canine Practice and National Symposium on "Newer Concepts and Approaches in Small Animal Practice and Welfare" organized by Department of Veterinary Medicine, College of Veterinary & Animal Sciences, Navania, Vallabhnagar, Udaipur, RAJUVAS, Bikaner held	Abst 9: VI on Page No. 267	2022

		during 22 – 24 September, 2022		
26.	Evaluation of vegetarian and meat based dog biscuits with reference to palatability, food intake and growth performance in pups	XVIII Annual Convention of Indian Society for Advancement of Canine Practice and National Symposium on “Newer Concepts and Approaches in Small Animal Practice and Welfare” organized by Department of Veterinary Medicine, College of Veterinary & Animal Sciences, Navania, Vallabh Nagar, Udaipur, RAJUVAS, Bikaner held during 22 – 24 September, 2022	Abst 7: VI on Page No. 266	2022
27.	Effect of <i>Moringa Oleifera</i> Leaf Meal Supplementation on Serum Biochemical Indices of Broiler Chicks	19 <sup>th</sup> Biennial International Conference of Animal Nutrition Society of India on Nutritional Technologies to Augment Livestock, Poultry, Canine and Fish Production for Global Competitiveness November 16-18, 2022	Abst 112 on Page No. 116	2022
28.	Effect of Ajwain ( <i>Trachyspermum Ammi</i> ) Supplementation on Hematological Parameters of Broiler Chicks.	19 <sup>th</sup> Biennial International Conference of Animal Nutrition Society of India on Nutritional Technologies to Augment Livestock, Poultry, Canine and Fish Production for Global Competitiveness November 16-18, 2022	Abst 167 on Page No. 138	2022
29.	Effect of dietary supplementation of Aloe vera ( <i>Aloe barbadensis</i> ) and Amla ( <i>Emblica officinalis</i> ) powder as feed additives on hematological and biological parameters in broiler birds.	19 <sup>th</sup> Biennial International Conference of Animal Nutrition Society of India on Nutritional Technologies to Augment Livestock, Poultry, Canine and Fish Production for Global Competitiveness November 16-18, 2022	Abst 173 on Page No. 139	2022
30.	Effect of Feeding Green Azolla ( <i>Azolla pinnata</i> ) on Nutrient Utilization in Sirohi Kids	XII Biennial Conference on the theme New Horizons of Animal Nutrition Research: Combating the Challenges of Productivity, Health and Welfare of Animals held at Mathura during 16-18 February 2023.	EFR-01 on page No.	2023
31.	Impact of Moringa Leaf Meal Addition on Hematological Parameters of Broiler Chicks	XII Biennial Conference on the theme New Horizons of Animal Nutrition Research: Combating the Challenges of Productivity, Health and Welfare of Animals held at Mathura during 16-18 February 2023	EFR-13 on page No. 65	2023
32.	Impact of Ashwagandha Addition on Nutrient Utilization in Tharparkar Calves	XII Biennial Conference on the theme New Horizons of Animal Nutrition Research: Combating the Challenges of Productivity, Health and Welfare of Animals held at Mathura during 16-18 February 2023	MFS-21 on page No.	2023
33.	Study on evaluation of a vegetarian weaning food in German shepherd puppies	XIX Convention along with the National Congress on Canine Practice was organized by, Dau Shri Vasudev Chandrakar Kamdhenu Vishwavidyalaya, Anjora, Durg (Chattis Garh) & ISACP in April, 2023	Abs 1: VI on page No. 218	2023
34.	Tibia bone retention of broiler chicks fed <i>Moringa oleifera</i> leaf meal	20 <sup>th</sup> Biennial International Conference of Animal Nutrition Society of India on “Sustainable	PN_002 on page No. 214-215	2024

		Animal Nutrition for Global Health and Production: Innovations and Directions” organized by Department of Animal Nutrition, Madras Veterinary College, Chennai during 23-25 January, 2024		
35.	Effect of Herbal Feed Additives Garlic ( <i>Allium sativum</i> ) and Black Pepper Powder ( <i>Piper nigrum</i> ) on Growth Performance in Broilers	20 <sup>th</sup> Biennial International Conference of Animal Nutrition Society of India on “Sustainable Animal Nutrition for Global Health and Production: Innovations and Directions” organized by Department of Animal Nutrition, Madras Veterinary College, Chennai during 23-25 January, 2024	NFA_004 on page No. 398-400	2024
36.	One Health: How to achieve optimal health for people, animals and our planet	XXXVI Annual Convention of "Indian Association of Veterinary Microbiologists, Immunologists and Specialists in Infectious Diseases" & National Conference on "Impact of Animal Health on One Health and National Prosperity” organized by Department of Veterinary Microbiology, College of Veterinary and Animal Science, Navania, Vallabh Nagar, Udaipur from 6-7 <sup>th</sup> June, 2024	PP_1.25 on page No. 31	2024
37.	Effects of phytobiotic feed additive- garlic ( <i>Allium sativum</i> ) as an alternative to antibiotic on haematobiochemical parameters and gut microbiota in broiler chicks	XXXVI Annual Convention of "Indian Association of Veterinary Microbiologists, Immunologists and Specialists in Infectious Diseases" & National Conference on "Impact of Animal Health on One Health and National Prosperity” organized by Department of Veterinary Microbiology, College of Veterinary and Animal Science, Navania, Vallabh Nagar, Udaipur from 6-7 <sup>th</sup> June, 2024	OP_4.5 on page No. 84	2024
38.	Effect of dietary <i>Moringa oleifera</i> leaf meal with multi enzyme on the gut microbiota of broiler chicks	XXXVI Annual Convention of "Indian Association of Veterinary Microbiologists, Immunologists and Specialists in Infectious Diseases" & National Conference on "Impact of Animal Health on One Health and National Prosperity” organized by Department of Veterinary Microbiology, College of Veterinary and Animal Science, Navania, Vallabh Nagar, Udaipur from 6-7 <sup>th</sup> June, 2024	OP_4.9 on page No. 85	2024

#### Book/ book chapter

S. No.	Type of Book	Name of Book/ book chapter (Brief Title)	Author(s)	Publisher	ISBN/ISSN Number	Year of publication
1.	Training manual	Conservation of fodder through hay and silage making	T. Sharma, R. K. Dhuria and <b>M. S. Meel</b>	SKRAU, Bikaner	-	2012
2.	THE ONE HEALTH APPROACH	Importance of one health approach in combating zoonoses: Indian scenario	Hakim Manzer, Sudeep Solanki, Sandhya Morwal, <b>M. S. Meel</b> , Lokesh Gautam and Kamal Purohit	DR. Sudeep Solanki, CVAS, Navania, Vallabh Nagar, Udaipur, Rajasthan (INDIA)	979-84-468716-4-3	2022
3.	THE ONE HEALTH	Relevance of one health	Hakim Manzer, Sudeep Solanki,	DR. Sudeep Solanki, CVAS, Navania,	979-84-468716-4-3	2022

	APPROACH	concept in parasitism	Kamal Purohit, <b>M. S. Meel</b> , R. K. Joshi and Lokesh Gautam	Vallabh Nagar, Udaipur, Rajasthan (INDIA)		
4.	THE ONE HEALTH APPROACH	An introductory approach to phylogeny	L. Gautam, H. M. Alam, <b>M. S. Meel</b> , S. Solanki and R. K. Joshi	DR. Sudeep Solanki, CVAS, Navania, Vallabh Nagar, Udaipur, Rajasthan (INDIA)	979-84-468716-4-3	2022
5.	AJWAIN: NUTRITIONAL IMPORTANCE	Herbal Plants: Medicinal and Nutritional Aspects	<b>M.S. Meel</b>	<b>Kripa-Drishti Publications</b> A/ 503, Poorva Height, SNO 148/1A/1/1A, Sus Road, Pashan-411021, Pune, Maharashtra, India	978-93-94570-74-0	2022
6.	<i>Moringa oleifera</i> leaf meal: Nutritive value and its medicinal use in birds	Herbal Plants: Medicinal and Nutritional Aspects	<b>M.S. Meel</b>	<b>Kripa-Drishti Publications</b> A/ 503, Poorva Height, SNO 148/1A/1/1A, Sus Road, Pashan-411021, Pune, Maharashtra, India.	978-93-94570-74-0	2022
7.	Tulsi ( <i>Ocimum sanctum</i> ) Leaf Powder: As a Feed Additive for Broiler Production	Herbal Plants: Medicinal and Nutritional Aspects	<b>K.A. Shende and M. S. Meel</b>	<b>Kripa-Drishti Publications</b> A/ 503, Poorva Height, SNO 148/1A/1/1A, Sus Road, Pashan-411021, Pune, Maharashtra, India.	978-93-94570-74-0	2022

#### Member of professional societies

S. No.	Name of society
1.	Veterinary Practitioner, Bikaner
2.	Animal Nutrition Association, IVRI, Izatnagar, U.P.
3.	Animal Nutrition Society of India, NDRI, Karnal
4.	Indian Society for Advancement of Canine Practice, Lukhnow, U.P.

#### Office bearer in Professional Societies

S. No.	Post	Name of society
1.	Member CEC	Animal Nutrition Association

#### Reviewer of Journals

S. No.	Name of Journal
1.	International Journal of Livestock Research, Pashupati Foundation India, H177, Nar Vihar 2 Sector 34 Noida (UP) India
2.	SKUAST Journal of Research, SKUAST-K, Shalimar, Srinagar (J&K).
3.	Indian Journal of Animal Research
4.	ARCC Journals

#### Member of Editorial Board/ Scientific Advisory Board

S. No.	Name of Journal
1.	International Journal of Livestock Research, Pashupati Foundation India, H177, Nar Vihar 2 Sector 34 Noida (UP) India
2.	Indian Journal of Livestock, Veterinary and Animal Sciences, SE-374, Shastri Nagar, Ghaziabad – 201002 (U.P) India

## 5. Research Experience

### (i) No. of experiments/Animal trials/Innovative management practices & operations conducted

S. No.	Details of experiments/Animal trials/Innovative management practices & operations	Capacity in which associated	Funding agency	Location	Period From-To	Work Done
1.	Effect of <i>Moringa oleifera</i> Leaf Meal With or Without Multi Enzyme as Feed Additive on Growth Performance and Carcass Characteristics of Broiler Chicks	Ph.D. scholar	CVAS, Navania, Vallabhnagar, Udaipur (Rajasthan)	CVAS, Navania, Vallabhnagar, Udaipur (Rajasthan)	February, 2020 to April, 2020	Feeding trial

### (ii) Project got sanctioned/ handled as Principal Investigator/Co-Principal Investigator.

S. No.	Project title	PI/Co-PI	Funding agency	Budget of Project (in lacs)	Location	Period From	Period To
1.	Gir Cattle Breeding Farm	PI	RKVY	84	College of Veterinary and Animal Science, Navania, Vallabhnagar, Udaipur (Rajasthan)	July, 2018	February, 2020

## 6. Extension

- No. of On-campus trainings/ Kisan melas/ exhibitions/Gosthi/camps organized/ Off-campus trainings/ field days/ campaign organized
- TV-Radio talks delivered
- No. of lectures delivered in trainings/ field days/Kisan melas, etc. organized by other agencies
- Popularization of Technologies: each Success story published/ Impact study conducted/establishment of Demonstration unit

### Lectures delivered

S. No.	Topic of lecture	Detail of trainings/ field days/Kisan melas	Organizing agencies	Date
1.	Methods of Improving low quality feed and fodder	Online training for livestock farmers, Extensionists and Rural youth	Pashu Vigyan Kendra, Tonk, Rajasthan	22.04.2021
2.	Balance feeding of pregnant cow	Online training for livestock owners on "Management and feeding of cows during pregnancy"	Pashu Vigyan Kendra, Chittaurgarh, Rajasthan	22.09.2021
3.	Feeding management of buffalo	Online training for livestock owners	Pashu Vigyan Kendra, Chittaurgarh, Rajasthan	05.01.2022
4.	Balance feeding of lactating cow and buffalo	Online training for livestock owners	Pashu Vigyan Kendra, Chittaurgarh, Rajasthan	10.05.2022
5.	Nutritional management in pregnant animals	Online training for livestock owners	Pashu Vigyan Kendra, Lunkaransar, Rajasthan	10.06.2022
6.	Balance feeding	Advance Sheep Rearing and Management	MSSP, CVAS, Navania, Vallabhnagar, Udaipur	05.10.2023

### Popular articles

S. No.	Type of publication	Title of article	Author(s)	R.N.I. No.	Publisher	Year of publication
1.	पशु पालन नए आयाम	पशु पोषण में जड़ी-बूटियों का महत्व	महेंद्र सिंह मील	RAJHIN/2013/59711	प्रसार शिक्षा निदेशालय, राजुवास, बीकानेर	मई, 2015
2.	पशु आहार एवं चारा बुलेटिन	पशु प्रजनन क्षमता पर खनिज लवणों का प्रभाव	महेंद्र सिंह मील और तेजपाल	RAJHIN16886	पशुधन चारा संसाधन प्रबंधन एवं तकनीक केन्द्र, राजुवास, बीकानेर	जुलाई-सितंबर, 2015

3.	पशु पालन नए आयाम	अधिक तापमान पर मुर्गी पालन प्रबंधन	तेजपाल और महेंद्र सिंह मील	RAJHIN/2013/59711	प्रसार शिक्षा निदेशालय, राजुवास, बीकानेर	अगस्त, 2015
4.	हलधर टाइम्स	पौष्टिक आहार से मिटेगा कुपोषण	महेंद्र सिंह मील	RAJHIN/2005/16223	अंबर ऑफसेट प्राइवेट लिमिटेड, डी एल टावर, 30 ए, विद्याश्रम संस्थानिक क्षेत्र, जेएलएन मार्ग, जयपुर	3 से 9 सितम्बर, 2018
5.	पशु पालन नए आयाम	मानसून में मुर्गी पालन कैसे करें	महेंद्र सिंह मील और गितेश मिश्रा	RAJHIN/2013/59711	प्रसार शिक्षा निदेशालय, राजुवास, बीकानेर	जुलाई, 2020
6.	पशु पालन नए आयाम	पशुओं में विषैले चारे के सेवन से उत्पन्न होने वाली विषक्तताएँ	देवेन्द्र सिंह, अभिषेक चौधरी और महेंद्र सिंह मील	RAJHIN/2013/59711	प्रसार शिक्षा निदेशालय, राजुवास, बीकानेर	अगस्त, 2020
7.	पशु आहार एवं चारा बुलेटिन	सहजन (मोरिंगा ओलिफेरा)- गुणवत्ता युक्त हरा चारा	महेंद्र सिंह मील, मोनिका जोशी, कविता शेंडे और गितेश मिश्रा	RAJHIN16886	पशुधन चारा संसाधन प्रबंधन एवं तकनीक केन्द्र, राजुवास, बीकानेर	अक्टूबर-दिसंबर, 2020
8.	पशु आहार एवं चारा बुलेटिन	मवेशियों में यूरिया की विषाक्तता	अभिषेक चौधरी, देवेन्द्र सिंह और महेंद्र सिंह मील	RAJHIN16886	पशुधन चारा संसाधन प्रबंधन एवं तकनीक केन्द्र, राजुवास, बीकानेर	जनवरी-मार्च, 2021
9.	कृषक दूत	अधिक दुग्ध उत्पादन के लिये सम्पूर्ण पशु आहार ईट बनायें	डॉ. मुकेश चन्द शर्मा और डॉ. महेन्द्र मील	MP HIN/2000/06836	के डी प्रिंटर्स, मानसरोवर कंपलेक्स, होशंगाबाद रोड, भोपाल	19 से 25 अक्टूबर, 2021
10.	पशु पालन नए आयाम	डेयरी व्यवसाय हेतु पशुओं का वैज्ञानिक पशु आहार प्रबन्ध	डॉ. मुकेश चन्द शर्मा, डॉ. राजेन्द्र कुमार नागदा और डॉ. महेन्द्र मील	RAJHIN/2013/59711	प्रसार शिक्षा निदेशालय, राजुवास, बीकानेर	जनवरी, 2022
11.	हलधर टाइम्स	कृत्रिम गर्भाधान से स्वस्थ संतति, ज्यादा उत्पादन	महेंद्र सिंह मील	RAJHIN/2005/16223	अंबर ऑफसेट प्राइवेट लिमिटेड, डी एल टावर, 30 ए, विद्याश्रम संस्थानिक क्षेत्र, जेएलएन मार्ग, जयपुर	15 से 21 अगस्त, 2022
12.	पशुधन प्रहरी	मवेशियों में उपापचयी संबंधी रोग	महेंद्र सिंह मील	JHAHIN/2012/46453	Dr Rajesh kr. Singh Hon. Editor In Chief rajeshsinghvet@gmail.com pashudhanpraharee@gmail.com	22 अक्टूबर, 2022
13.	पशु पालन नए आयाम	दुधारू गायों के लिए साइलेज बनाना	डॉ. महेन्द्र सिंह मील और डॉ. मुकेश चन्द शर्मा,	RAJHIN/2013/59711	प्रसार शिक्षा निदेशालय, राजुवास, बीकानेर	दिसंबर, 2022
14.	पशु पालन नए आयाम	पशुओं में लैटाना विषाक्तता	डॉ. महेन्द्र सिंह मील	RAJHIN/2013/59711	प्रसार शिक्षा निदेशालय, राजुवास, बीकानेर	फरवरी, 2023
15.	The science world	Conservation of indigenous breeds:	Dr. Manoj Kumar Dr. Devender	ISSN: 2583-2212	The Science World A monthly e Magazine, 3	July, 2023



		A crucial endeavor for genetic diversity and sustainable livestock production	Choudhary Dr. Ramkumar Saran Dr. Mahendra Singh Meel		(07), 1490-1491	
16.	हलधर टाइम्स	दुधारू पशुओं के लिए बायपास प्रोटीन	<b>डॉ. महेंद्र सिंह मील</b>	RAJHIN/2005/16223	अंबर ऑफसेट प्राइवेट लिमिटेड, डी एल टावर, 30 ए, विद्याश्रम संस्थानिक क्षेत्र, जेएलएन मार्ग, जयपुर	28 अगस्त – 3 सितंबर, 2023
17.	पशु पालन नए आयाम	चारा सामग्री का प्रभावी भंडारण	<b>डॉ. महेन्द्र सिंह मील</b>	RAJHIN/2013/59711	प्रसार शिक्षा निदेशालय, राजुवास, बीकानेर	सितंबर, 2023
18.	पशु पालन नए आयाम	पशुओं में परजीवी संक्रमण का हर्बल उपचार	<b>डॉ. महेन्द्र सिंह मील</b>	RAJHIN/2013/59711	प्रसार शिक्षा निदेशालय, राजुवास, बीकानेर	नवंबर, 2023
19.	राजस्थान खेती प्रताप	ऊंटों के लिए आहार प्रबंधन	<b>संजय कुमार धाकड़ एवं डॉ. महेंद्र सिंह मील</b>	RAJHIN/2004/14462	कृषि प्रौद्योगिकी सूचना केंद्र, प्रसार शिक्षा निदेशालय, महाराणा प्रताप कृषि एवं प्रौद्योगिकी विश्वविद्यालय, उदयपुर, राजस्थान	जनवरी, 2024
20.	पशु पालन नए आयाम	दूध के मूल्यवर्धन से होगी किसानों की आमदनी में वृद्धि	<b>डॉ. महेन्द्र सिंह मील</b>	RAJHIN/2013/59711	प्रसार शिक्षा निदेशालय, राजुवास, बीकानेर	फरवरी, 2024
21.	हलधर टाइम्स	दाने और चारे की कमी से निपटना	<b>डॉ. महेंद्र सिंह मील</b>	RAJHIN/2005/16223	अंबर ऑफसेट प्राइवेट लिमिटेड, डी एल टावर, 30 ए, विद्याश्रम संस्थानिक क्षेत्र, जेएलएन मार्ग, जयपुर	24 जून – 30 जून, 2024
22.	हलधर टाइम्स	बरसात में पशुधन का प्रबंधन	<b>डॉ. महेंद्र सिंह मील</b>	RAJHIN/2005/16223	अंबर ऑफसेट प्राइवेट लिमिटेड, डी एल टावर, 30 ए, विद्याश्रम संस्थानिक क्षेत्र, जेएलएन मार्ग, जयपुर	01 – 07 जुलाई, 2024
23.	हलधर टाइम्स	पौष्टिक आहार से मिटेगा कुपोषण	<b>महेंद्र सिंह मील</b>	RAJHIN/2005/16223	अंबर ऑफसेट प्राइवेट लिमिटेड, डी एल टावर, 30 ए, विद्याश्रम संस्थानिक क्षेत्र, जेएलएन मार्ग, जयपुर	19 से 25 अगस्त, 2024
24.	हलधर टाइम्स	पालतू जानवरों का कैसे बढ़ाएं कौशल	<b>महेंद्र सिंह मील</b>	RAJHIN/2005/16223	अंबर ऑफसेट प्राइवेट लिमिटेड, डी एल टावर, 30 ए, विद्याश्रम संस्थानिक क्षेत्र, जेएलएन मार्ग, जयपुर	19 से 25 अगस्त, 2024
25.	हलधर टाइम्स	पशु आहार में मिलावट की पहचान	<b>महेंद्र सिंह मील</b>	RAJHIN/2005/16223	अंबर ऑफसेट प्राइवेट लिमिटेड, डी एल टावर,	9 से 15 सितंबर,

					30 ए, विद्याश्रम संस्थानिक क्षेत्र, जेएलएन मार्ग, जयपुर	2024
26.	हलधर टाइम्स	पशुओं की प्रजनन तकनीक	<b>महेंद्र सिंह मील</b>	RAJHIN/2005/16223	अंबर ऑफसेट प्राइवेट लिमिटेड, डी एल टावर, 30 ए, विद्याश्रम संस्थानिक क्षेत्र, जेएलएन मार्ग, जयपुर	16 से 22 सितंबर, 2024
27.	हलधर टाइम्स	एंटीबायोटिक के विकल्प: जड़ी-बूटी आधारित वृद्धि प्रवर्तक	<b>महेंद्र सिंह मील</b>	RAJHIN/2005/16223	अंबर ऑफसेट प्राइवेट लिमिटेड, डी एल टावर, 30 ए, विद्याश्रम संस्थानिक क्षेत्र, जेएलएन मार्ग, जयपुर	30 सितंबर से 6 अक्टूबर, 2024

**Details of External examiner or external paper setter of UG/PG/Ph.D.**

S. No.	Number /Title of the paper	Year	Name of the University/ institute for which paper is set
1.	Animal Nutrition	2018-19	College of Veterinary Science and Animal Husbandry, S. K. Nagar, Gujarat
2.	Animal Nutrition-I & II (2)	2018-19	Uttar Pradesh Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan, Mathura
3.	Animal Nutrition-I & II (2)	2019-20	Maharashtra Animal and Fishery Sciences University, Nagpur
4.	Animal Nutrition-I	2019-20	Nanaji Deshmukh Veterinary Science University, Jabalpur (M.P.)
5.	Animal Nutrition-I	2020-21	Rajasthan University of Veterinary and Animal Sciences, Bikaner
6.	Research Techniques in Animal Nutrition (ANN-608)	2022-23	Odisha University of Agriculture & Technology, Bhubaneswar, Odisha
7.	Animal Nutrition-I & II (2)	2023-24	College of Veterinary Science and Animal Husbandry, Junagadh, Gujarat
8.	Animal Nutrition-I & II (2)	2023-24	College of Veterinary Science and Animal Husbandry, S. K. Nagar, Gujarat
9.	Animal Nutrition -I	2023-24	Kamdhenu University, Gujarat

**Dr. M.S. Meel**  
**Assistant Professor**  
**Department of Animal Nutrition**  
**CVAS, Navania, Vallabhnagar, Udaipur**