

Research:

- 1. Collaboration as Co-PI in Other Department Sanctioned Research Projects
- Sustainable Tribal Livelihood through Scientific Backyard Poultry Rearing in Gadchiroli District of Maharashtra funded by ICAR, New Delhi under Tribal Sub-Plan

PI: Dr. M. M. Kadam, Assistant Professor, Dept. of Poultry Science.

Co-PI: Dr. M.A. Gole, Dr. A.R. Patil, Dr. Sariput P. Landge and Dr. V.K. Basunathe

> Raising of Tribal Livelihood: Quality Milk Production through Udder Health Management Practices funded by ICAR, New Delhi under Tribal Sub-Plan

PI: Dr. S. P. Chaudhari, Associate Professor, Dept. of Veterinary Public Health.

Co-PI: Dr. W. A. Khan, Dr. S. V. Shinde, Dr. A. R. Patil, Dr. Vaishali V. Banthiya and Dr. Sariput P. Landge

> Dairy Development through Implementation of Heat Synchronization Demonstrations in Cattle and Buffaloes in Nagpur District ATMA, Nagpur

PI: Dr. Sariput P. Landge, Assistant Professor, Dept. of Vet. & A.H. Extension

Co-PI: Dr. S. K. Sahatpure, Dr. A. D. Patil, Dr. M. S. Patil and Dr. Vaishali V. Banthiya

> Development of Sustainable Animal Husbandry Practices in the Tribal Villages of Gadchiroli District of Maharashtra State under

PI: Dr. M. S. Patil, Assistant Professor, Dr. S. K. Sahatpure, Dept. of ARGO

Co-PI: Sariput P. Landge, Assistant Professor, Dept. of Vet. & A.H. Extension



2. Thesis:

Masters: M.V.Sc.

Name of Department: VETERINARY AND ANIMAL HUSBANDRY EXTENSION				
Sr. No.	Name of the Student	Title of Thesis	Year of Completion	Name of the Advisor
1.	Miss. Smita Harishchandra Surkar (V/02/96)	Adoption of Preventive Measures for Quality Milk Production by Farmers	2004	Dr. S.W. Sawarkar
2.	Mr. Vijay Kisanrao Basunathe (V/02/87)	Technology Adoption Behaviour of Dairy Farmers in Less Milk Producing Areas	2004	Dr. S.W. Sawarkar
3.	Miss. Banthiya Vaishali Virendra (V/02/423)	Effect of Demonstration on the Adoption of Under Health Management Practices by Dairy Women	2005	Dr. S.W. Sawarkar
4.	Mr. Khode Narendra Vishwanath (V/02/368)	Mr. Khode Extent of Adoption of Improved Dairy Narendra Cattle Management Practices by Wishwanath Beneficiaries Under Vidarbha		Dr. S.W. Sawarkar
5.	Mr. More Dattratay Shankar (V/02/355)	More Adoption of Improved Buffalo ratay nkar Management Practices by Rural Below Poverty Line Farmers of Nagpur District		Dr. S.W. Sawarkar
6.	Mr. Nande Milind Pundalik (V/02/442)	Information Seeking Behaviour of Dairy Farmers of Nagpur District	2007	Dr. S. H. Gawande
7.	Mr. Patil Amol Pramod (V/02/505)	Patil Amol Training Needs of Dairy Farmers in Nagpur District		Dr. S. H. Gawande
8.	Miss. Tiple Adoption of Improved Dairy Product Innovations by Members and N Wijaykumar (V/02/575) Members of Dairy Co-operative Societin Nagpur District		2008	Dr. S. H. Gawande
9.	Mr. Khandait Vivek Natthuji (V/02/605)	Adoption of Backyard Poultry Practices in Bhandara District of Maharashtra	2008	Dr. S. H. Gawande
10.	Mr. Lohakare Amit Chandrabhan (V/02/1813)	Adoption of Animal Husbandry Practices by the Cattle Owners in Different Farming System in Nagpur District	2009	Dr. S. H. Gawande
11.	Miss. Khose Kavita Ashok (V/03/0086)	Adoption of Reproductive Health Management Practices by Cattle Owners in Nagpur District of Maharashtra	2010	Dr. S. H. Gawande
12.	Miss. Chaudhari Sanjivani Bhimrao (V/02/498)	Job Satisfaction of Livestock Development Officers in Vidarbha Region of Maharashtra	2010	Dr. S. H. Gawande



13.	Mr. Raje Aviraj Dinkar (V/03/0088)	Management Practices by Cattle Owners		Dr. S. H. Gawande
14.	Mr. Hagone Vaibhav Dhanraj Dairy Management Practices by The (V/05/0123) Tribal Women of Amaravati District		2012	Dr. V. K. Basunathe
15.	Mr. Kalpande Nitin Bhikaram (V/05/0127)	Comparative Study of Contract and Non- Contract Broiler Poultry Farming in Nagpur District of Vidarbha Region in Maharashtra State	2013	Dr. V. K. Basunathe
16.	Mr. Madane Naveenkumar (DHPs) by Tribal Dairy Farmers in Mohan (V/07/011) Gadchiroli District of Maharashtra		2014	Dr. Vaishali V. Banthiya
17.	Mr. Pawade Pawan Arvind (V/09/043)	A Comparative Study of Adoption of Dairy Husbandry Practices (DHPs) in Conventional and Loose Housing System (LHS) by Dairy Farmers in Western Maharashtra	2016	Dr. Sariput P. Landge
18.	Mr. Koma Sarveshwar Sakharam (V/09/053)	A Descriptive Analysis of Tribal Goat Farming System in Gadchiroli District of Maharashtra	2017	Dr. Sariput P. Landge
19.	Mr. Nandeshwar Jishant Dalitkumar (V/11/120)	Development of Android Based Mobile Application for Goat Management Practices and its Effectiveness for Goat Farmers	2018	Dr. Sariput P. Landge
20.	Miss. Khobragade Jotshana Ashok (V/11/251)	Development of Android Based Mobile Application on Desi Chicken Management Practices and its Effectiveness for Poultry Farmers	2018	Dr. Vaishali V. Banthiya
21.	Mr. Nitin Kumar Mishra (V/17/378)	Development of Android Based Mobile Application on Dairy Management Practices and its Effectiveness for Dairy Farmers	2019	Dr. Sariput P. Landge
22.	Mr. Gharde Prashant Dilip (V/13/017)	Appraisal of Pig Farming Practices in Vidarbha Region of Maharashtra	2021	Dr. Vaishali V. Banthiya
23.	Mr. Meshram Sujit Haridas (V/14/156)	Study of Livestock Marketing in Eastern Vidarbha Region of Maharashtra	2022	Dr. Sariput P. Landge



3. Research Recommendations: Dept. of Vet. & A.H. Extension Education, NVC, Nagpur

Sr. No.	01		
Year	2016-17: XV Joint Animal Science Research Council Meet		
	(Project Title No. 13/2016-17, Page No. – 04)		
Project Title	A Comparative Study of Adoption of Dairy Husbandry Practices		
	(DHPs) in Conventional and Loose Housing System (LHS) by Dairy		
	Farmers in Western Maharashtra		
Investigators	Dr. Pawan A. Pawade, Dr. Sariput P. Landge, Dr. Vaishali V. Banthiya,		
_	Dr. M. S. Patil, Dr. G. P. Shende and Shri. D. V. Patil		
Recommendations The loose housing system is recommended for rearing of dair			
	considering the advantages such as low capital requirement for building		
	the shed, efficient utilization of feed and water, lower requirement of		
	labour, lower incidence of mastitis, other illnesses, lameness as		
	infertility and ease in heat detection.		
Sr. No.	02		
Year	2018-19: XVII Joint Animal Science Research Council Meet		
	(Project Title No. 17/2018-19, Page No. – 06)		
Project Title	Development of Android Based Mobile Application on Goat		
	Management Practices and its Effectiveness for Goat Farmers		
Investigators	Dr. Jishant D. Nandeshwar, Dr. Sariput P. Landge, Dr. Vaishali V.		
	Banthiya, Dr. S. S. Chopde, Dr. A. P. Dhok and Shri. D. V. Patil		
Recommendations The Android based Mobile Application developed by Depart			
	Veterinary and Animal Husbandry Extension Education, Nagpur		
	Veterinary College, Nagpur on Goat Management Practices - "Goat		
	Farming" (Sheli Palan) as ICT tools for the effective dissemination of		
	information among the goat farmers is recommended for use by the goat		
	farmers.		

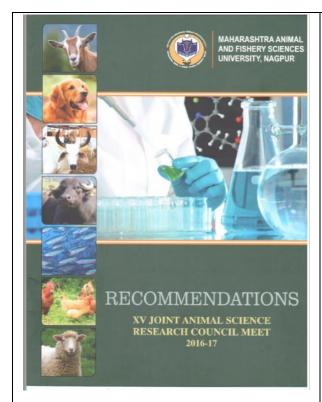
Sr. No.	03		
Year	2018-19: XVII Joint Animal Science Research Council Meet		
	(Project Title No. 18/2018-19, Page No. – 06)		
Project Title	Development of Android Based Mobile Application on Desi Chicken		
_	Management Practices and its Effectiveness for Poultry Farmers		
Investigators	Dr. Jotshana A. Khobragade, Dr. Vaishali V. Banthiya, Dr. Sariput P.		
	Landge, Dr. A. P. Dhok, Dr. M. M. Kadam and Shri. D. V. Patil		
Recommendations	Android based Mobile Application developed by Department of		
	Veterinary and Animal Husbandry Extension Education, Nagpur		
	Veterinary College, Nagpur on Desi Chicken Management Practices -		
	"Poultry Farming" (Kukkut Palan) as ICT tools for the effective		
	dissemination of information among the poultry farmers is recommended		
	for use by the Poultry Farmers.		



Sr. No.	04		
Year	2019-20: 18th Joint Animal Science Research Council Meet		
	(Project Title No. 11/2019-20, Page No. – 04)		
Project Title	Development of Android Based Mobile Application on Dairy		
	Management Practices and its Effectiveness for Dairy Farmers.		
Investigators	Dr. Nitin Kumar Mishra, Dr. Sariput P. Landge, Dr. Vaishali V.		
	Banthiya, Dr. S. S. Chopde, Dr. A. P. Dhok, and Shri. D. V. Patil		
Recommendations	The Android based Mobile Application developed by Department of		
	Veterinary and Animal Husbandry Extension Education, Nagpur		
	Veterinary College, Nagpur on Dairy Management Practices - "Dairy		
	Farming" (Dugdha Vyavasaya) is recommended as an ICT tool for the		
	effective dissemination of information among the dairy farmers.		

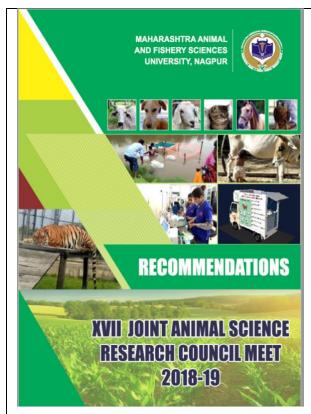


RESEARCH RECOMMENDATIONS in JOINT ASRC

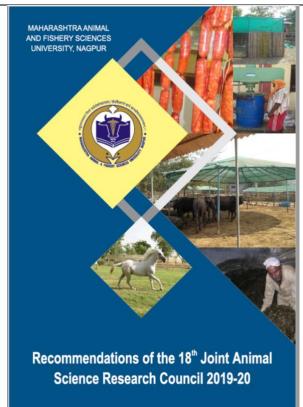














ed in edible film treated with essential oils

S. Karunamay and S.R. Badhe Mumbai Veterinary College, Mumba

Carboxy methyl cellulose (CMC) and starch-based film with 0.5% of oregano essential oil is recommended as edible packaging material for paneer to increase the shelf life of paneer by three days at refrigeration temperature (4±1°C). काबौंक्सी निधाईल शेल्युलोज आणि 0.5 टक्के ओव्याच्या पानातील आवश्यक तेलाचा उपयोग करुन

Recommendations of the 18th Joint Animal Science Research Council 2019-20

स्टार्च-आधारित तयार केलेले खाद्य वेष्टनचा शित तापमानात (4±1°से) पनीर 3 दिवस अधिक टिकवुन ठेवते, म्हणून पनीर साठवण्यासाठी हे वेष्टन वापरण्याची शिकारस करण्यात येते. 11. Project Title

Investigators Nitin Kumar Mishra, S.P. Landge, V.V. Banthiya, S.S. Chopde, A.P. Dhok and D.V.

Name of the college Nagpur Veterinary College, Nagpur.

The Android based Mobile Application developed by Department of Veterinary and Animal Husbandry Extension Education, Nagpur Veterinary College, Nagpur on Dairy Management Practices- "Dairy Farming" (Dugdha Vyavasaya) is recommended as an ICT tool for effective dissemination of information among the dairy farmers. on among the dairy farmers.

दुन्य जल्पादक शेतक-यांक्रये माहितीया प्रमानी प्रशार होणेकरीता पशुनिक्रान व पशुसंकर्मन विस्तार शिक्षण विषाय, नागपुर पशुरैवक महाविद्यातवाने गाहिती तंत्राद्वानाया वापर करून विकसित केंग्रेले "दुम्धव्यवसाय" हे जेंन्द्राईड जाधारित गोबाईल ऐप्लिकेशन जेंप दुन्य उत्पादक शेतक-यांनी वापरणायी

12. Project Title Effect of electron beam irradiation on microbiological qualities of modified

P.A. Jangale, R.J. Zende, A.M. Paturkar and V.M. Vaidya Name of the college Mumbai Veterinary College, Mumbai. Recommendation

Electron beam irradiation at the dose rate of 3.0 kGy for raw chicken packaged using modified atmospheric packaging is recommended for the shelf life extension upto 20 days at refrigeration temperature.

कुरकट गांश नमुज्यांची सुधारित बातावरणीय वॅकेंचिंगकपील शीत वापमानास शाठवणूक समता 20 दिश्ताांचरीत वावविण्यासाठी इलेक्ट्रॉन विकिरणीकरणाचे 3.0 किलोग्रे हे प्रमाण वापरण्याची शिकारस करण्यात येत आहे.



Technology / Mobile Applications Software Developed by the Department of VAHEE:

Sr. No.	Name of the Technology Developed under Sponsorship / Funding Agency, if any	Name of the Inventor(s)	Adaption and Coverage in the Jurisdiction of the University
1.	Software Developed: Mobile Application Developed on Goat Farming Management Application	Nandeshwar Jishant Dalitkumar, Dr. Sariput P. Landge, Dr. Vaishali V. Banthiya , Dr. S. S. Chopde, Dr. A. P. Dhok and Shri. D. V. Patil	Published on MAFSU Website www.mafsu.in
2.	Software Developed: Mobile Application Developed on Desi Bird / Poultry Farming Application	Khobragade Jotshana Ashok, Dr. Vaishali V. Banthiya, Dr. Sariput P. Landge , Dr. A. P. Dhok, Dr. M. M. Kadam and Shri. D. V. Patil	Published on MAFSU Website www.mafsu.in
3.	Software Developed: Mobile Application Developed on Dairy Farming Management Application	Nitin Kumar Mishra, Dr. Sariput P. Landge, Dr. Vaishali V. Banthiya , Dr. S. S. Chopde, Dr. A. P. Dhok and Shri. D. V. Patil	Published on MAFSU Website www.mafsu.in
4.	Website Developed: (www.nvclivestockfarmersclub.com)	Dr. Sariput P. Landge Dr. Vaishali V. Banthiya	For the Farmers Use in the year 2016.