

**PROFORMA FOR ANNUAL REPORT 2021-22**  
**(01.04.2021-31.03.2022)**  
**(For Colleges)**

**Name of College – College of Dairy Technology, Udgir, District-Latur**  
**Year of Establishment- 8<sup>th</sup> August 2008**

**1. ESTABLISHMENT FACILITIES ( Yes/No)**

Facilities at Colleges	Yes/No
Anti Ragging Cell	Yes
Board of Studies	Yes
Biological Waste Disposal Facility	Yes
Internal Quality Assurance System,	Yes
Committee For Prevention of Sexual Harassment of Women at Work Places	Yes
Institutional Ethics Committee for Experiment on Animals	No

**आस्थापना विषयक सुविधा (हो/नाही )**

महाविद्यालयातील सुविधा	(हो/नाही )
अँटी रॅगिंग सेल	हो
अभ्यासमंडळ	हो
जैविक कचरा विल्हेवाट लावण्याची सुविधा	हो
अंतर्गत गुणवत्ता आश्वासन प्रणाली	हो
कार्यस्थळांवर महिलांचे लैंगिक छळ रोखण्यासाठी समिती	हो
प्राण्यांवर प्रयोग करण्यासाठी संस्थात्मक नीतिशास्त्र समिती	हो

**2. HOSTEL**

**Students Accommodated in Hostels.**

Name of Colleges	Boys Hostel			Girls Hostel		
	Name of Hostel	No. of rooms	No. of students	Name of Hostel	No. of rooms	No. of students
	--Not Available--			Hostel is available with the campus, but due to some unavoidable circumstances students have not accomodated		
महाविद्यालयाचे नांव	मुलांचे वसतिगृह			मुलींचे वसतिगृह		
	वसतिगृहाचे नांव	खोल्यांची संख्या	विद्यार्थी संख्या	वसतिगृहाचे नांव	खोल्यांची संख्या	विद्यार्थी संख्या
	उपलब्ध नाही			मुलींचे वसतिगृह उपलब्ध आहे परंतु काही कारणास्तव आजतागायत चालू करण्यात आली नाही.		

### 3. LIBRARY

#### Library Holdings

Sr. No.	Name of College	Item	Number of Books Available	New Books Purchased / added
1.	CDT, Udgir	Books	4347	23
		Journals	17	11(renewal)
		Other Publications	--	--
		Electronic Database	--	--

अ.क्र.	महाविद्यालय	विवरण	खरेदी केलेली पुस्तके	नविन खरेदी केलेली पुस्तके
१	दुग्ध तंत्रज्ञान महाविद्यालय, उदगीर	पुस्तके	४३४७	२३
		संशोधन नियतकालिके	१७	११
		इतर प्रबंध व प्रकाशने	..	..
		इलेक्ट्रॉनिक प्रकाशने	..	..

#### 4. IT FACILITIES ( Yes/No)

Facilities at Colleges	Yes/No
Internet Facility (Use of ICT Tools)	Yes
Virtual Classroom/ Smart Classroom	Yes
Language Laboratory	Yes
Digital College Library	Yes

महाविद्यालयातील सुविधा	होय /नाही
इंटरनेट सुविधा (आयसीटी साधनांचा वापर)	होय
व्हर्चुअल क्लासरूम / स्मार्ट क्लासरूम	होय
भाषा प्रयोगशाळा	होय
डिजिटल वाचनालय	होय

#### 5. WEBSITE-

English	Addresses of College Website:	<a href="http://www.cdtudgir.co.in">http://www.cdtudgir.co.in</a>
	संकेत स्थळ :	<a href="http://www.cdtudgir.co.in">http://www.cdtudgir.co.in</a>

## 6. CLASSROOMS AND LABORATORIES

### Classrooms and Laboratories:

Sr. No.	Facilities	Numbers
1	Classrooms	03
2	Smart classrooms	01
3	Laboratories	19
4	Library	01

### वर्गखोल्या आणि प्रयोगशाळा

अ.क्र.	सुविधा	संख्या
१	वर्गखोल्या	०३
२	स्मार्ट वर्गखोल्या	०१
३	प्रयोगशाळा	१९
४	वाचनालय	०१

## 7. FACILITIES FOR STUDENTS

Name of College	Facility available / Not Available
Student READY/ In-Plant Training / Internship / Experiential Learning Programmes	Yes
NCC	No
NSS	Yes
RVC Units	No
Cultural center	Yes
Personality development programme	Yes
Examination hall	Yes
Sports and Recreation Facilities	Yes
Auditorium	No
Exhibition Hall/Museum	Yes
Placement Cell	Facility available

### विद्यार्थ्यांसाठी सुविधा

महाविद्यालयातील सुविधा	
विद्यार्थीसज्ज/इन-प्लांट/प्रशिक्षण/ इंटर्नशिप/ अनुभवात्मक शिक्षण कार्यक्रम	होय
एनसीसी	नाही
एनएसएस	होय
आरव्हीसी युनिट्स	नाही
सांस्कृतिक केंद्र	होय

व्यक्तिमत्त्व विकास कार्यक्रम	होय
परीक्षाहॉल / सभागृह	होय
खेळ आणि मनोरंजन सुविधा	होय
सभागृह	नाही
प्रदर्शनहॉल / संग्रहालय	होय
नोकरभरती कक्ष	होय

## 8. STUDENT PERFORMANCE IN NATIONAL EXAMINATIONS:

Students performance in National Examinations				
Year	ARS	SRF	JRF	NET
2021-22	--	--	--	--
1 - English	--Nil--			
1 - Marathi	.. निरंक..			

## SCHOLARSHIPS/ FELLOWSHIPS

Sr. No	Name of college	2021-22 ( No. of Students)  To be provided by College				To be provided by DSW	
		NTS	GOI Scholarships/ Freeships	Other Scholarships	RajashreeShahuMaharajShikshanShulkaParatipurtiYojna (For the year 2021-22)	Dr. PanjabraoDeshmukhVastigruhaNirvahBhattaYojna (For the year 2021-22)	
		UG	PG				
	CDT Udgir	03	--	79	01		
	दुग्ध तंत्रज्ञान महाविद्यालय, उदगीर	०३	...	७९	०१		

## 9. STUDENTS PLACEMENT PROFILE: 2021-22

Placement Profile of students in various sectors for 2021-22 is as under

Student Placement Profile						
Year	ARS	Government Service	Private Industry	Self-employed	NGO's & other institutions	Higher education
2021-22	00	00	19	--	--	03

विद्यार्थी स्थान नियोजन						
वर्ष	ए.आर.	शासकीय सेवा	खाजगी	उद्योजक	इतर	उच्च शिक्षण
२०२१-२२	००	००	१९	००	००	०५

## 10. AWARDS/RECOGNITIONS/CERTIFICATES

Awards/Recognitions/Certificates by the Students during 2021-22:

Sr.No.	Name of Student	Name of Award / Achievement with details	Date	Place
1 - English		--Nil--		
1 - Marathi		.. निरंक..		

## 11. EMPLOYABILITY

College is inculcating the set of attributes, skills and knowledge in the students so that they are competent of being effective in the workplace – to the benefit of themselves, their employer and the wider economy. College is providing healthy teaching-learning environment for the students. Qualified staff has been recruited by the University complying with UGC guidelines. The quality of education given to the students is unequivocal from the fact that each year almost 15 percent of final year students get admission to the national institutes for higher studies through competitive examinations at national level. Besides this, college is taking necessary efforts to strengthen the education facilities at the institute.

Today's employers are seeking graduates who are enterprising, resourceful and adaptable and possessing a range of skills which can be used in a wide variety of settings as well as in their careers. Keeping this in mind, college is organizing the various extracurricular activities and it is ensured that every student is participating in one or other event. College

Gymkhana unit is especially devoted for achieving this objective and it is organizing various events such as annual social gathering, debate competition, sports competition etc. The students who have performed well at intra-college level are deputed to represent the college at University level. Those who have been selected in the University team represent the University at state and zonal level. These types of activities encourage the students to perform well in a team and improve his competition skills.

Further, college regularly organizes personality development seminars, workshops on stress and time management etc. for improving the various aspects of his personality and to bring positive change in his attitude. Whenever, alumnus visit to the college a special alumnus- student interaction session is organized. Alumnus is requested to give them idea about the working culture in the dairy and food industries and what skills they should acquire for increasing employability. Also, college organizes alumni meet where students are getting good platform to interact with alumni. These meeting have increased the chances of jobs.

Apart from this, college is taking necessary steps to improve the communication, team working, leadership, initiative and problem-solving qualities of students which have resulted in 100 percent of placement of students.

महाविद्यालयीन विद्यार्थ्यांच्या सर्वांगिन विकासासाठी, वेगवेगळे कौशल्य सखोल ज्ञान देत असून सदरील विद्यार्थी त्यांचे कामामध्ये सक्षम होत असल्याचे दिसून येत आहे. महाविद्यालयामध्ये अध्यापन व शिक्षणाकरीता पोषक वातावरणाची निर्मिती करण्यात आली असून विद्यापीठ अनुदान समितीच्या शिफारसीनुसार प्राध्यापकांची भरती केली आहे. दरवर्षी महाविद्यालयातून अंतिम वर्शाचे १५ टक्के विद्यार्थी राष्ट्रीय स्तरावरील स्पर्धात्मक परीक्षा उत्तीर्ण होतात यावरून महाविद्यालयातील शिक्षणाची गुणवत्ता स्पष्ट होते. तरीसुद्धा महाविद्यालयातील शिक्षणाचे स्थान उंचवण्याकरीता यशोचित प्रयत्नशील आहे.

विद्यार्थ्यांच्या सर्वांगिन विकासासाठी महाविद्यालयामध्ये वेगवेगळ्या उपक्रमांचे आयोजन केले जाते व त्यामध्ये प्रत्येक विद्यार्थ्यांनी सहभाग नोंदविणे आवश्यक आहे. व्यक्तिमत्त्व विकास, राष्ट्रीय चर्चासत्रे, ॲल्युमिनाय सभा, विस्तार कार्य, नोकरी संधी, अशा विविध विषयावर महाविद्यालयीन कार्यक्रमांचे आयोजन केले जाते.

**12.CAPACITY BUILDING OF FACULTY AND STAFF DEVELOPMENT  
(HUMAN RESOURCE DEVELOPMENT)**

Sr. No.	Name of the college	Number of faculty undergone training and participated in workshop/ conference/seminar
1	College of Dairy Technology, Udgir	8 Faculty
१	दुग्ध तंत्रज्ञान महाविद्यालय, उदगीर	८ शिक्षक

**Details**

Sr.No .	Name of Faculty with designation and department	Name of trainings/ conference/ workshop/ seminar etc	Date/ Duration	Place
1.	Dr. V. K. Lule Assistant Professor Department of Dairy Microbiology	5-days online training on Laboratory Quality System Management and Internal Audit as per ISO/IEC - 17025:2017' organized by National Institute of Plant Health Management, Hyderabad.	17 <sup>th</sup> to 21 <sup>st</sup> May, 2021	Virtual
	डॉ.व्ही.के.लुले सहयाय्यक प्राध्यापक दुग्ध सुक्ष्मजिवशास्त्र	प्रयोगशाळेच्या गुणवत्तेवर ५ दिवसांचे ऑनलाइन प्रशिक्षण नॅशनल इन्स्टिटयुट ऑफ प्लांट हेल्थ मॅनेजमेंट, हैदराबाद द्वारा ISO/IEC - 17025:2017 आयोजित नुसार सिस्टम व्यवस्थापन आणि अंतर्गत ऑडिट	१७ ते २१ मे २०२१	आभासी
2.	Nilkanth R Pawar Assistant Professor Deptt. Dairy Chemistry	Role Of Intestinal Micro Biota And Probiotics In Health And Disease	23 <sup>rd</sup> June 2021	Virtual
	निळकंठ पवार सहयाय्यक प्राध्यापक दुग्ध रसायनशास्त्र	आरोग्य आणि रोगामध्ये आतड्यांसंबंधी सुक्ष्म बायोटा आणि प्रोबायोटिक्सची भूमिका	२३ जून २०२१	आभासी
3.	Nilkanth R Pawar Assistant Professor Deptt. Dairy Chemistry	Role Of Faermer Producer Organization In Linking The Farmers By ASPEE Agribusiness Management Institute (AABMI), Navsari Agricultural University, Navsari.	12 <sup>th</sup> August 2021	Virtual
	निळकंठ पवार सहयाय्यक प्राध्यापक दुग्ध रसायनशास्त्र	शेतकरी उत्पादक कंपनी चे महत्व	१२ ऑगस्ट २०२१	आभासी

4.	Nilkanth R Pawar Assistant Professor Deptt. Dairy Chemistry	Design Thinking for Introducing 3-D Printing and Industry 4.0 Technologies in Sri Lanka	3rd August 2021	Virtual
	निळकंठ पवार सहयाय्यक प्राध्यापक दुग्ध रसायनशास्त्र	श्रीलंकेतील तंत्रज्ञान	०३ ऑगस्ट २०२१	आभासी
5.	Dr. V. K. Lule Assistant Professor Department of Dairy Microbiology	National Webinar on “Challenges of Intellectual Property Rights (IPR) for Innovations in Agricultural Machinery” organized by Maharana Pratap University of Agriculture and Technology, Udaipur (Rajasthan).	6 <sup>th</sup> August 2021	Virtual
	डॉ. व्ही. के. लुले सहयाय्यक प्राध्यापक दुग्ध सुक्ष्मजिवशास्त्र	महाराणा प्रताप कृषी आणि तंत्रज्ञान विद्यापीठ, उदयपूर (राजस्थान) द्वारे आयोजित कृषी यंत्रसामग्रीतील नवकल्पनांसाठी बौद्धिक संपदा अधिकारांची आव्हाने (IPR) या विषयावर राष्ट्रीय वेबिनार आयोजित केला आहे.	०६ ऑगस्ट २०२१	आभासी
6.	Er. Santosh Chopde, Assistant Professor, Dairy Engineering	Role of farmer producer organization (FPOs) in Linking Farmers to Markets	12 <sup>th</sup> August 2021	Virtual
	इंजी. संतोष चोपडे सहयाय्यक प्राध्यापक दुग्ध अभियांत्रिकी	हैदराबाद द्वारे आयोजित डिजिटल शिकवण्याचे तंत्र	१२ ऑगस्ट २०२१	आभासी
7.	Nilkanth R Pawar Assistant Professor Deptt. Dairy Chemistry	“Nutrition week Celebration-2021” organized by Karpagam Academy Of Higher Education	03 - 07 September, 2021	Virtual
	निळकंठ पवार सहयाय्यक प्राध्यापक दुग्ध रसायनशास्त्र	करपगम अकादमी ऑफ हायर एज्युकेशन द्वारा आयोजित पोषण सप्ताह उत्सव - २०२१	०३ - ०७ सप्टेंबर २०२१	आभासी
8.	Er. Santosh Chopde, Assistant professor, Dairy Engineering	Nutrition Week Celebration-2021	03 - 07 September, 2021	Virtual
	इंजी. संतोष चोपडे सहयाय्यक प्राध्यापक दुग्ध अभियांत्रिकी	करपगम अकादमी ऑफ हायर एज्युकेशन द्वारा आयोजित पोषण सप्ताह उत्सव - २०२१	०३ - ०७ सप्टेंबर २०२१	आभासी
9.	Dr. V. K. Lule Assistant Professor	National Webinar Series on “Nutrition week Celebration-2021” organized by	03 - 07 September	Virtual



	Department of Dairy Microbiology	Department of Food Technology, Faculty of Engineering, Karpagam Academy of Higher Education, Coimbatore, Tamil Nadu	, 2021	
	डॉ. व्ही. के. लुले सहयाय्यक प्राध्यापक दुग्ध सुक्ष्मजिवशास्त्र	अन्न तंत्रज्ञान विभाग, अभियांत्रिकी संकाय, करपगम अकादमी ऑफ हायर एज्युकेशन, कोईम्बतूर, तामिळनाडू यांच्या वतीन आयोजित पोषण सप्ताह उत्सव - २०२१ वरील राष्ट्रीय वेबिनार मालिका	०३ - ०७ सप्टेंबर २०२१	आभासी
10.	Dr SD Kalyankar, Assistant Professor, Department of Dairy Technology	National conference on "Food waste utilization-2021" IIFPT, Thanjavur	8-9 Sep. 2021	Virtual
	डॉ. एस. डी. कल्याणकर सहयाय्यक प्राध्यापक दुग्ध तंत्रज्ञान	फुड वेस्ट युटिलायझेशन - २०२१ IIFPT, तंजावर वर राष्ट्रीय परिषद	०८ - ०९ सप्टेंबर २०२१	आभासी
11.	Dr. V. K. Lule Assistant Professor Department of Dairy Microbiology	10 International Conference On Fermented Foods, Health Status And Social Well-being	17 <sup>th</sup> -18 <sup>th</sup> December, 2021	Virtual
	डॉ. व्ही. के. लुले सहयाय्यक प्राध्यापक दुग्ध सुक्ष्मजिवशास्त्र	१० आंबवलेले खाद्यपदार्थ, आरोग्य स्थिती आणि सामाजिक कल्याण यावर आंतरराष्ट्रीय परीषद	१७ - १८ डिसेंबर २०२१	आभासी
12.	Nilkanth R Pawar Assistant Professor Deptt. Dairy Chemistry	Digital Teaching Techniques	1-31 December 2021	Virtual
	निळकंठ पवार सहयाय्यक प्राध्यापक दुग्ध रसायनशास्त्र	डिजीटल शिकवण्याचे तंत्र	०१ - ३१ डिसेंबर २०२१	आभासी
13.	Rupesh P. Datir Asst. Professor, Dairy Engineering Department	"Digital Teaching Techniques" organized by NAARM, Hyderabad	1 Dec-31 Dec 2021	Virtual
	रूपेश पी. दातीर सहयाय्यक प्राध्यापक दुग्ध अभियांत्रिकी	हैदराबाद द्वारे आयोजित डिजिटल शिकवण्याचे तंत्र	०१ - ३१ डिसेंबर २०२१	आभासी
१४	Er. Santosh Chopde, Assistant Professor,	Digital Teaching Technique	1-31 Dec 2021	Virtual

	Dairy Engineering			
	इंजी. संतोष चोपडे सहयाय्यक प्राध्यापक दुग्ध अभियांत्रिकी	हैदराबाद द्वारे आयोजित डिजिटल शिकवण्याचे तंत्र	०१ - ३१ डिसेंबर २०२१	आभासी
१५	Dr.Madhav R. Patil, Professor Dairy Chemistry	Digital Teaching Technique	1-31 Dec 2021	Virtual
	डॉ. माधव र. पाटील प्राध्यापक दुग्ध रसायनशास्त्र	हैदराबाद द्वारे आयोजित डिजिटल शिकवण्याचे तंत्र	०१ - ३१ डिसेंबर २०२१	आभासी
१६	Dr.Madhav R. Patil, Professor Dairy Chemistry	Mooc on Theoretical foundation of education technology.	1-30 June 2021	Virtual
	डॉ. माधव र. पाटील प्राध्यापक दुग्ध रसायनशास्त्र	शैक्षणिक तंत्रज्ञान	०१ - ३० जून २०२१	आभासी

### 13 RESEARCH DURING 2021-22

#### A. Institute Wise Number Of Ongoing Research Projects During 2021-22

Sr. No.	Name of the college	No. of projects	Rs. In Lakh
1	College of Dairy Technology	01	42.82 lakh
	<b>Total</b>	<b>01</b>	42.82 lakh

#### A.1.INSTITUTE WISE ONGOING RESEARCH PROJECTS (DETAILS)

Sr. No.	Title of Project	Name of Principle Investigator	Total Cost of Project (Rs. In Lakh)	Funding Agency – RKVY/ICAR/ICMR/SERB/BIRAC/DBT/DST/RGSTC/Private Agency/Any Other
1-English	Fortification of selected indigenous dairy products with omega 3 fatty acids using microcapsules of flaxseed oil powder: a novel approach for promoting health and wellbeing of consumer	Er. Santosh Chopde Dairy engineering	42.82 lakh	RGSTC

1-Marathi	मायक्रो-कैप्सुलीकृत जवसाच्या तेलाचे पावडर वापरून निवडक भारतीय दुग्धजन्य पदार्थांमध्ये ओमेगा-३ फॅटी आम्लाचे परीवर्धन करणे: ग्राहकांचे आरोग्य व हित वृद्धीसाठीचा नवीन दृष्टीकोन	इंजी. संतोष चोपडे	४२.८२ लक्ष	रा. गां. वि. तं. आयोग
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**B.Institute wise numberof completed research projectsduring 2021-22  
( To be provided by Director of Research Office)**

Sr. No.	Name of the college	No. of projects	Rs. In Lakh
1			
	<b>Total</b>		

**B.1. Details of Institute wise completed research projects (DETAILS)( To be provided by Director of Research Office)**

Sr. No.	Title of Project	Name of Principle Investigator with name of Department	Total Cost of Project (Rs. In Lakh)	Funding Agency – RKVY/ICAR/ICMR/ SERB/ BIRAC/DBT/DST/RGSTC /Private Agency/Any Other
1-English				
1-Marathi				

**Details of the Extramural completed Research Projects(RKVY/ICAR/ICMR/SERB/ BIRAC/DBT/DST/RGSTC/Private Agency/Any Other) with Salient Achievements (3-5 points only)( To be provided by College)**

<b>Name of Project</b>	:	Fortification of selected indigenous dairy products with omega 3 fatty acids using microcapsules of flaxseed oil powder: a novel approach for promoting health and wellbeing of consumer
PI and Co-PI	:	PI : Er. S.S. Chopde Co-PI: Dr. MR Patil, Dr. PG Wasnik, Dr. SD Kalyankar, Mr. NR Pawar

Funding Agency	:	RGSTC, Mumbai
Salient Achievements (3-5 points only)	:	Development of microcapsule of flaxseed oil as delivery system omega- 3 fatty acid using combination of skim milk powder and modified starch, Hi-Cap 100 as a coating material in the ratio of 75:25.  Development of omega- 3 fortified Kulfi which on single serving (100 gm) could meet 61.87% of RDI requirement of ALA without affecting the sensory attributes of the product significantly.

#### D. STUDENTS RESEARCH DURING 2021-22 (DEPARTMENTWISE)

Sr.No.	Title
Department of -----	
1 - English	--Nil--
1 - Marathi	.. निरंक..

#### E.LIST OF MEMORANDAM OF UNDERSTANDING ( MoUs) SIGNED BY COLLEGES/ MAFSU DURING 2021-22

Sr. No.	Name of Agency
1	English- --Nil-- Marathi- .. निरंक..

#### F. RESEARCH PUBLICATIONS DEPARTMENT WISE AND BIBLIOGRAPHICAL DETAILS AS PER MAFSU PG MANUALS

##### Departmentwise Research Publications

Sr. No.	Name of Department	No of Research Papers		
		National	International	Total
1	Department of Dairy Engineering	--	--	--
	Department of Dairy Microbiology	01	01	01
	Department of Dairy Chemistry	--	--	--
	Department of Dairy Technology	--	--	--
	Department of Dairy Business Management	--	--	--
	<b>TOTAL</b>	<b>01</b>	<b>01</b>	<b>02</b>

#### DETAILS OF RESEARCH PUBLICATION DEPARTMENTWISE

	<b>Name of Department: Department of Dairy Microbiology</b>
<b>1</b>	A.C. Rathod, C.D. Khedkar, A.R. Sarode, S.D. Kalyankar, Shital S. Deosarkar, <b>V.K. Lule</b> , P.S. Patil. (2022). Commercially Available Probiotic Products for Wellbeing of Mankind, Livestock and Fishery: A Review. Asian Journal of Dairy and Food Research. DOI:- 10.18805/ajdfr.DR-1803.
<b>2</b>	<b>Lule, V.</b> , Tomar, S. K., & Sequeira, S. (2021). Metal Nanoparticles of Microbial Origin and

	Their Antimicrobial Applications in Food Industries. <i>In Nanotechnological Approaches in Food Microbiology</i> . pp.-87-116., <b>CRC Press</b> .
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## RESEARCH PUBLICATIONS

	<b>Name of Department: Department of Dairy Microbiology</b>
	<b>National</b>
	A.C. Rathod, C.D. Khedkar, A.R. Sarode, S.D. Kalyankar, Shital S. Deosarkar, <b>V.K. Lule</b> , P.S. Patil. (2022). Commercially Available Probiotic Products for Wellbeing of Mankind, Livestock and Fishery: A Review. <i>Asian Journal of Dairy and Food Research</i> . DOI:- 10.18805/ajdfr.DR-1803.
	ए.सी.राठोड, सी.डी.खेडकर, ए.आर.सरोदे, एस.डी.कल्याणकर, शितल एस. देवसरकर, व्ही.के.लुले, पी.एस.पाटील (२०२२) मानवजाती, पशुधन आणि मत्स्यपालनाच्या कल्याणासाठी व्यावसायिकरित्या उपलब्ध प्रोबायोटिक उत्पादने, एक पुनरावलोकन. एशियन जर्नल ऑफ डेअरी आणि फूड रिसर्च.
	<b>International</b>
	<b>Lule, V.</b> , Tomar, S. K., & Sequeira, S. (2021). Metal Nanoparticles of Microbial Origin and Their Antimicrobial Applications in Food Industries. <i>In Nanotechnological Approaches in Food Microbiology</i> . pp.-87-116., <b>CRC Press</b> .

## 14.EXTENSION

### 14.1.TRAININGS

Sr. No.	Name of college	Training of Officers		Training of Farmers	
		No. of trainings	No. of Participants/ trainees	No. of trainings	No. of Participants/ trainees
01	College of Dairy Technology, Udgir	--Nil--		02	101

### A. SHORT TERM TRAINING COURSES ORGANIZED FOR FIELD OFFICERS

#### Name of College

Sr. No.	Title of the training	Date ( From--- to ----)	Place	No. of Trainees	Sponsoring Agency	Organizing Department
1- English	--Nil--					
1- Marathi	.. निरंक..					

### B. SHORT TERM TRAINING COURSES ORGANIZED FOR FARMERS

Name of College- College of Dairy Technology, Udgir

Sr. No.	Title of the training	Date	Place	No. of Trainees	Sponsoring Agency	Organizing Department
1	Manufacturing of value added dairy products	27/01/2022 to 29/01/2022	CDT Udgir	64	ATMA Latur	Dairy Engineering
१	मुल्यवर्धीत दुग्धजन्य पदार्थांचे उत्पादन	२७/०१/२०२२ ते २९/०१/२०२२	दुतंम, उदगीर	६४	आत्मा लातूर	दुग्ध अभियांत्रिकी
2	Manufacturing of value added dairy products	23-25 March 2022	CDT Udgir	37	ICAR SC-SP	Dairy Chemistry
2	मुल्यवर्धीत दुग्धजन्य पदार्थांचे उत्पादन	२३-२५ मार्च २०२२	दुतंम, उदगीर	३७	भाकृअप एसी-एसपी	दुग्ध रसायनशास्त्र
		<b>Total</b>		<b>101</b>		

## 14.2. WORKSHOPS/SEMINARS

### A. WORKSHOP/ SEMINARS ORGANIZED FOR FIELD OFFICERS

Sr. No.	Title of the training	Date ( From--- to ----)	Place	No. of Trainees	Sponsoring Agency	Organizing Department
1- English	--Nil--					
1- Marathi	.. निरंक..					

### B. WORKSHOP/ SEMINARS ORGANIZED FOR FARMERS

Sr. No.	Title	Date ( From--- to ----)	Place	No. of Participants	Sponsoring Agency
1- English	--Nil--				
1- Marathi	.. निरंक..				

### 14.3. ACTIVITIES IN ADOPTED VILLAGE

Sr. No.	Name of Village, tal., Dist	Activity	Date	Place	No. of Participants
	Pimpri, Tah-Udgir, Dist-Latur	National Milk Day	26/11/2021	Zilla Parikshad Primary School, Pimpri	105 Students
	Pimpri, Tah-Udgir, Dist-Latur	Distribution of leaflet importance of various value added dairy products.	26/11/2021	Zilla Parikshad Primary School, Pimpri	105 Students
1-English	Pimpri, Tah-Udgir, Dist-Latur	Animal Health Camp	02/12/2021	Pimpri	41 Farmers
	Pimpri, Tah-Udgir, Dist-Latur	Demonstration on manufacturing of value added dairy products	02/12/2021	Pimpri	33Farmers
	Pimpri, Tah-Udgir, Dist-Latur	Animal Vaccination drive	02/12/2021	Pimpri	50 Animals
	Pimpri, Tah-Udgir, Dist-Latur	Animal feed (Mineral Mixture Distribution)	02/12/2021	Pimpri	20 Farmers
	Ghonshi, Tah-Udgir, Dist-Latur	NSS Camp	11/03/2022 to 17/03/2022	Zillha Parishad Primary School, Ghonshi	26

### 14.4. HOSPITAL ACTIVITIES (2021-22)

Sr. No.	Section	Hospital	Ambulatory Clinic	Animal Health Camps (Number of camps write in this bracket )	Total
a	Medicine			Total number of medicine cases of all camps	
b	Surgery			Total number of surgery cases of all camps	

c	Gynaecology			Total number of gynaecological cases of all camps	
d	Artificial Insemination			Total number of AI cases of all camps	
e	Vaccination			Total number of vaccination cases of all camps	
f	Deworming			Total number of deworming cases of all camps	
g	Spraying			Total number of spraying cases of all camps	
	<b>Total</b>				

#### 14.5. DEMONSTRATIONS ORGANIZED FOR FARMERS (2021-22)

Sr. No.	Name of Demonstration	Date	Place	No. of Participants
1.	Manufacturing technology of Khoa	02.12.2021	Pimpari	37
	खोवा निर्मीती तंत्रज्ञान	०२.१२.२०२१	पिंपरी	३७
2.	Manufacturing technology of Paneer	02.12.2021	Pimpari	37
	पनीर निर्मीती तंत्रज्ञान	०२.१२.२०२१	पिंपरी	३७
3.	Demonstration on Clean Milk Production	03.12.2021	Pimpari	20
	स्वच्छ दुध उत्पादन	०३.१२.२०२१	पिंपरी	२०
	<b>Total</b>		<b>03</b>	<b>150</b>

#### 14.6. FARMERS SCIENTISTS VISIT (2021-22)

Sr. No.	Name of college	No. of Farmers visited to institute	No. of Field visit of staff
	1- English	--Nil--	
	1- Marathi	.. निरंक..	

##### Details for Farmers visited to institute

Sr. No.	No. of Farmer	Date	Department	Purpose
1- English		--Nil--		
1- Marathi		.. निरंक..		



**Details for Staff visited to Field**

Sr. No.	Name of Staff	Date	Place	Purpose
1- English	--Nil--			
1- Marathi	.. निरंक..			

**14.7. EXHIBITIONS**

Sr. No.	Name of college	Participation in exhibition (Number)
1	1- English	--Nil--
	1- Marathi	.. निरंक..

**Details of Exhibitions**

Sr. No.	Title	Place ( village, tal and district)	Date	Organized / Participated
1.	1- English	--Nil--		
1.	1- Marathi	.. निरंक..		

**14.8. EXTENSION PUBLICATIONS/RADIO/TV TALKS (2020-21)**

Sr. No.	No. of Leaflets/ Booklets	No. of Books	No. of Local Publication (New-Paper)	No. of Publications (Periodicals)	No. of Radio Talks	No. of T. V. Talks
1	01	02	--	02	--	--

**Details of each as per above table-**

1- English Leaflet on Importance of milk and milk products in diet.
1- Marathi दुध व दुग्ध पदार्थांचे आहारातील महत्व
2- English: solar technology : way to prosperity of dairy industry
2- Marathi: सौरऊर्जा तंत्रज्ञान : दुग्ध उद्योगाच्या समृद्धीची किल्ली
3- English: milk processing project: management and introduction to equipment
3- Marathi: नियोजन व सयंत्राची थोडक्यात माहिती

**15.FARM ACTIVITIES (2021-22)****College of Dairy Technology**

Name of farm/STDP:

S.N.	Name of College	Student Training Dairy Plant(STDP)
1	Year of establishment	2015
2	Mandate	English- Hands on Training Marathi-

3	Quantity of Milk handle ELU	471 Litre
4	Expenditure on manufacturing of milk products	Rs.38260/-
5	Sale of milk Products	Rs.51366/-
6	Profit from sale of Milk products	Rs.13106/-

## 16.AWARDS, HONOURS AND RECOGNITIONS

### STAFF AWARDS/ HONOURS/ RECOGNITIONS

Sr. No.	Name of Faculty with designation and name of Department	Name of Award / Achievement with details	Place	Date
1- English	Er. Santosh Chopde, Assistant Professor, Dairy Engineering	Reviewer excellence award	-	22/9/2022
1- Marathi	इंजी. संतोष चोपडे सहयाय्यक प्राध्यापक दुग्ध अभियांत्रिकी	उत्कृष्ट समीक्षक पुरस्कार	...	२२/०९/२०२२
1- English	Er. Santosh Chopde, Assistant Professor, Dairy Engineering	Certificate of excellence in reviewing	-	31/08/2022
	इंजी. संतोष चोपडे सहयाय्यक प्राध्यापक दुग्ध अभियांत्रिकी	पुनरावलोकनात उत्कृष्टतेचे प्रमाणपत्र	...	३१/०८/२०२२
1- English	Dr. Vaibhao Lule	Best oral presentation award (Young Scientists) in the 10th international Conference on Fermented Foods, Health Status and Social Well-being under the theme "Immunomodulatory aspects of probiotics" organised by The University Research Council of the University of Peradeniya, Sri Lanka	Online	17-18th December, 2021
1- Marathi	डॉ. वैभव लुले सहयाय्यक प्राध्यापक दुग्ध सुक्ष्मजिवशास्त्र	श्रीलंकेच्या पेराडेनिया विद्यापीठाच्या संशोधन परिषदेने आयोजित केलेल्या प्रोबायोटिक्सचे इम्युनोमोड्युलेटरी पैलू या थीम	ऑनलाईन	१७-१८ डिसेंबर २०२१

		अंतर्गत किष्विन अन्न आरोग्य स्थिती आणि सामाजिक कल्याण या विषयावरील १० व्या आंतरराष्ट्रीय परिषदेत सर्वोत्कृष्ट मौखिक सादरीकरण पुरस्कार तरुण वैज्ञानिक		
	Dr.Madhav R. Patil, Professor Dairy Chemistry	Fellowship of National Academic of Dairy Science India	Online	2021
	डॉ. माधव र. पाटील प्राध्यापक दुग्ध रसायनशास्त्र	नॅशनल अकॅडमी ऑफ डेअरी सायन्स इंडिया ची फेलोशिप	ऑनलाईन	२०२१
	Dr.Madhav R. Patil, Professor Dairy Chemistry	Indo pacific research excellence award in dairy chemistry	Online	5 Oct 2021
	डॉ. माधव र. पाटील प्राध्यापक दुग्ध रसायनशास्त्र	दुग्ध रसायनशास्त्रातील इंडो पॅसिफिक संशोधन उत्कृष्टता पुरस्कार	ऑनलाईन	५ ऑक्टोबर २०२१
	Dr.Madhav R. Patil, Professor Dairy Chemistry	Distinguish faculty in dairy science from venus international foundation Chennai	Online	6 Nov 2021
	डॉ. माधव र. पाटील प्राध्यापक दुग्ध रसायनशास्त्र	डिस्टिंग्वीश फॅकल्टी इन डेअरी सायन्स	ऑनलाईन	६ नोव्हेंबर २०२१

## 17. VISITS OF DIGNITARIES

Sr. No.	Name of Dignitary with Designation	Date	Purpose of Visit
1	Dr A.U. Bhikane, Director of Extension	29.11.2021	Inaguration of ATIC Cell
	Er. Govind Bapurao Narvate, Hon'ble EC Member	27.01.2022	Inagural function of 3 Day Training Programme
2	Dr. Ingle Sandip Vinayakrao, Hon'ble EC Member	02.02.2022	Official Visit
3	Shri. Suhas Sorte, Hon'ble EC Member	02.02.2022	Official Visit