

COLLEGE OF DAIRY TECHNOLOGY, UDGIR

(A constituent college of Maharashtra Animal & Fishery Sciences University, Nagpur)

ANNUAL REPORT 2012-13

1. Introduction: College of Dairy Technology, Udgir was established under MAFSU Nagpur on dated 08th Aug 2008. Under Marathwada development Program Rs.200 Lacks were made available. B. Tech (Dairy Technology) a four year degree course is taught by this institute. The admission eligibility for the degree course is 12th pass with mathematics & science essential. The Intake capacity of the college is 36 students; in existing situation 115 students are on roll. Out of this 62 students are scholarship holders. Most of the facilities required by the students are available in the institute & equipments are regularly used for effective conduction of practical in different departments. Beside this for efficient education, an institute provides facility such as internet, intranet, website, sport ground & materials and recently started the bus facility on no profit & no loss ground. College library has collection of 2575 numbers of books of costing more than Rs.34 Lakhs, written by internationally/nationally reputed authors. Along with this 17 Research, Extension related monthly magazine & periodicals, 12 Marathi & English news papers and books for competitive examination are available in the library. The library has soul software for maintaining the library records, internet & photo copy facility. 31 computers with internet facility are available for staff & students of institute. To develop educational skills and teaching, the college has four class rooms equipped with LCD projector, plasma TV, Interactive white board with Internet facility.

Besides having good collection of materials of national/ international sports, college has Basketball, volleyball, badminton, Kabbadi, kho-kho etc. grounds for outdoor games. As & when required, facilities for indoor games such as table-tennis, chess and carom are made available to the students. For literary development of student, different programs such as Ganesh festival, fresher's function for newly admitted students and farewell function for the final year students are regularly organized. As the mineral content of water in this region is

very high, for the sake of students, college has installed a water demineralization plant of 50 liters capacity.

In this financial year (2012-13) college has received the grants of Rs. 54 lakhs from State government and Rs.21 lakhs from ICAR, New Delhi as developmental grants.

For executing different extension trainings/workshops for milk producer, rural unemployed youth and rural women, a small hall is developed in the college. It is well equipped with various extension materials like moving trans-slide, LCD Projector, Flax Boards, Khoa machine, Speakers, TV and Models etc.

2. Education:

A. Teaching Institutes: College of Dairy Technology, Udgir was established under MAFSU Nagpur on dated 08th Aug 2008. Under Marathwada development Program Rs.200 Lacks were made available. B. Tech (Dairy Technology) a four year degree course is taught by this institute. The admission eligibility for the degree course is 12th pass with mathematics & science essential. The Intake capacity of the college is 36 students; in existing situation 115 students are on roll. Out of this 62 students are scholarship holders. Most of the facilities required by the students are available in the institute & equipments are regularly used for effective conduction of practical in different departments. Beside this for efficient education, an institute provides facility such as internet, intranet, website, sport ground & materials and recently started the bus facility on no profit & no loss ground. College library has collection of 2575 numbers of books of costing more than Rs.34 Lakhs, written by internationally/nationally reputed authors. Along with this 17 Research, Extension related monthly magazine & periodicals, 12 Marathi & English news papers and books for competitive examination are available in the library. The library has soul software for maintaining the library records, internet & photo copy facility. 31 computers with internet facility are available for staff & students of institute. To develop educational skills and teaching, the college has four class rooms equipped with LCD projector, plasma TV, Interactive white board with Internet facility.

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College consists of six departments which are as follows:

1. Dairy Technology Department
2. Dairy Engineering Department
3. Dairy Microbiology Department
4. Dairy Chemistry Department
5. Dairy Business Management Department
6. Computers Science & Statistics

B. Admission Strength: 30 MAFSU +05 ICAR+02 J&K =37

Student admitted to the College of Dairy Technology, Udgir in the year 2012-13:

Category	B.V.Sc. & A. H.		B. Tech. (D.T)		B. F. Sc.		M. V. Sc.	
	Male	Female	Male	Female	Male	Female	Male	Female
Open			11	03				
OBC			08	02				
SC			--	--				
ST			--	--				
Others			05	--				

Students on roll Category wise & Year-wise:**B. Tech. (D.T)**

Category	I Year		II Year		III Year		IV Year	
	Male	Female	Male	Female	Male	Female	Male	Female
Open	10	04	07	01	13	02	08	01
OBC	10	02	12	-	02	01	02	02
SC	02	-	03	01	02	02	01	01
ST	-	01	-	-	01	-	-	-
Others	05	01	05	-	06	02	02	01

C. Scholarship and Fellowship: The numbers of students getting different scholarship / free-ship / fellowship are as below.

Sr. No.	Name of Scholarship / Free-ship	Number of Students		Total Amount (Rs)
		Boys	Girls	
01.	Scholarship	38	14	Rs.615420/-
02.	Free ship	10	00	Rs.90450/-

D. Hostel Accommodation:

Sr. No.	Hostel Name	Number of Rooms	Number of Students
	Not Available		

E. Infrastructure Facilities:

In the year 2012-13, college has created different facility and purchased costly equipment for effective teaching & practical conduction which are as follows.
(pictures are enclosed herewith)

Sr. No.	Facility provided/ equipment purchased	Amount	Purpose
01	Display equipment (LCD Projector) 02	1,57,575	For teaching student/ farmers/ trainees effectively by using LCD Projector
02	Roll Up Banner	48,863	Extension & education department prepared a roll up banner for farmers
03	Glass enclosed fibrinous model 02	48,400	For demonstration to farmers during visit in exhibition
04	Web-site	20,350	
05	Standard Drawing Table	2,40,000	For conducting practical of engineering drawing
06	Khoa Machine	47,813	For conducting practical of dairy technology and for demonstration to farmers
07	Sounds Systems	6,990	For clear sound during workshop/ trainings

08	Cut Section Models (04)	49,680	For Practical's of Dairy Engineering Department
09	Bernoulli's Theorem	46,000	
10	Cream Separator (02)	28,000	
11	Gas Welding Machine	1,35,000	

F. Extra Curricular Activities:

Inter University / State / National Level Games / Sports Tournaments:

Sr. No.	Name of Tournament	Game Sport /	Number of Students Participated		Remarks
			Male	Female	
01.	All India Inter-Agri. Univ. Sports & Games Meet organized at Bidar (Karnataka).	Basketball	01	00	
02.	All India Inter-Agri. Univ. Sports & Games Meet organized at Bidar (Karnataka).	Badminton	01	01	
03.	All India Inter-Agri. Univ. Sports & Games Meet organized at Bidar (Karnataka).	Table-Tennis	01	00	
04.	Sports Festival-12 at Rashtra Sant Tukadoji Maharaja University Nagpur	Kabbadi	03	00	

NSS Activities:

Sr. No.	Date	Place	Activity	Number of Students Participated		Remarks
				Male	Female	
01	11.04.12	CDT, Udgir	Mahatma Jyotiba Phule Birth Anniversary	70	10	
02	14.04.12	CDT, Udgir	Dr.Babasaheb Ambedakar Birth Anniversary	79	11	
03	21.05.12	CDT, Udgir	Anti-Terrorist & Anti-Violence Day	60	05	
04	27.05.12	CDT, Udgir	Pt.Jawaharlal Nehru Death Anniversary	70	08	
05	15.06.12	CDT, Udgir	Maharana Pratap singh Birth Anniversary	50	09	
06	01.07.12	CDT,	Vasantrya Naik Birth	60	07	

		Udgir	Anniversary			
07	01.08.12	CDT, Udgir	Lokmanya BalGangadhar Tilak Death Anniversary, Shahir Anna sathe Birth Anniversary	54	04	
08	20.08.12	CDT, Udgir	Sadbhavan Diwas Rajiv Gandhi Birth Anniversary and Sadbhavan Oath Ceremony	70	10	
09	07.09.12	CDT, Udgir	Ahilyabai Holkar Death Anniversery, Service culture Death Anniversary	45	11	
10	24.09.12	CDT, Udgir	National Service Scheme Foundation Day & Guideline	50	07	
11	02.10.12	CDT, Udgir	Mahatma Gandhi Birth Anniversary/ International non-violence & peace day oath ; Lal Bahadur Shastri Birth Anniversary	72	09	
12	31.10.12	CDT, Udgir	Indira Gandhi Death Anniversary & National Sankalp Day	70	06	
13	19.11.12	CDT, Udgir	Indira Gandhi Birth Anniversary & National Harmony Day Oath ; Sardar Wallabhbhai Patel Birth Anniversary	50	03	
14	25.11.12	CDT, Udgir	Yashwantrao Chavan Death Anniversary, Anti-Tobacco Campaign	40	07	
15	26.11.12	CDT, Udgir	Indian Constitution day & Joint Reading of Constitutional preamble	65	05	
16	06.12.12	CDT, Udgir	Bharat Ratna Dr. Babasaheb Ambedkar Mahaparinirwan Day	70	06	
17	03.01.13	CDT, Udgir	Savitribai Phule Birth Anniversary	75	04	
19	12.01.13	CDT, Udgir	Jijau Maa sahib Birth Anniversary	80	06	
20	23.01.13	CDT, Udgir	Netaji Subhash Chandra Bose Birth Anniversary	60	05	
21	19.02.13	CDT, Udgir	Chatrapati Shivaji Maharaj Birth Anniversary	65	05	
22	22-28/3/13	Kawal khed Tq.Ud gir	-Importance Of Protein In Human Diet - Clean Milk Production – Need Of Hour -Dairying A Single Alternative For Rural Development	20	10	

			-Introduction To Microorganism In Milk - Society Progress through Spirituality & Science - Butter Manufacture by Improved Method -Introduction & Importance of Gobar Gas Technology & Equipment -Panir Manufacturing Technology -Introduction To Milk Constituents - Manufacturing Of Aromatic & Grainy Ghee			
23	01.05.12	CDT, Udgir	Blood Donation Camp	06	01	
24	18.02.13	CDT, Udgir	Plantation Program	70	09	

G. Student Placement: A systematic student placement cell is functioning in institute. For placement number of companies are contacted during the year, CV of the students is forwarded to them and efforts are made for the placement. 14 students who got job through this program are as follows

Student Placement:

Sr. No.	Name of Company / Industry	Name of Students Selected
01	Almarai Dairy, Saudi Arabia	- Raman Kakre - Akshay Chavan
02	Dudhsagar Dairy, Mehsana (Gujarat)	- Girish Pawar - Aijaz Shaikh - Praful Bhat
03	Mother Dairy, Junagadh (Gujarat)	- Bipin Dhore - Vishal Bompilwar
04	Vasudhara Dairy, Boisar, Mumbai	- Bhagyashri Ahale

05	Schreiber Dynamix Dairy, Baramati (Pune)	- Balasaheb Hulgunde - Kunal Kapse
06	Dinshaws Dairy Foods Ltd., Nagpur	- Uday Kindarle
07	Weikfield Foods Ltd., Pune	- Sangmeshwar Thonte

Competitive Examination:

Following is the list of the student who got entrance in National level institute through All India Entrance Exam for admission to Post Graduation in M. Tech

Sr. No.	Name of Examination	Number of Students Selected			Remarks
		Male	Female	Category	
01	AIEEA- PG 2012	03	01	Unreserved	Out of 15 student

A. Human Resource Development:

Conference / Symposium / Workshop / Summer and Winter Institute / Seminar / Short Term Training Courses etc. attended by the Teacher outside University

Sr. No.	Name of Teacher	Date	Name of Conference / Symposium etc
T r a i n i n g	Dr.D. N. Bajad	18 -19 Jan 2013	“ Recent trends and future prospectus in biological sciences” organized by Maharashtra Udaygiri Mahavidyalaya, Udgir
	Dr.S. D. Kalyankar		
	Er.S. S. Chopde		
	Er.S. M. Kinake		
	Dr.V. D. Kele		
	Prof.M. A. Deshmukh		
	Prof.N. R. Pawar		

Workshop / Conferences / Symposium etc. organized by the College

Sr. No.	Date	Name of Conference / Symposium etc	Number of Participants
01.	19/03/2012	One day workshop on “ Introduction to Aromatic & Grainy Ghee manufacturing Technology to Rural Women ”	40- (Ladies only) Barhali, Tq: Mukhed, Dist: Nanded
02.	03/05/2012	One day Workshop on Clean Milk Production	155 –(Ladies & Gents) College of Dairy Technology, Udgir

B. Research:

A. Research Publication: A list of research papers published in national and international journals (not the abstracts presented/submitted in seminar/conferences) should be prepared by concerned colleges.

Sr. No.	Name of Teacher	Name of Research paper	Name of journal
1	Changade SP, Shendurse AM, Bhandari PN	Studies on standardization of a method for preparation of mungwadi by using chakka whey	Beverage and Food World
2	Changade SP, Shendurse AM, Bhandari PN	Optimization of process parameter for development of whey based sevaiah	Beverage and Food World
3	Changade SP, Shendurse AM, Bhandari PN	Process optimization for preparation of suji halwa by using chakka whey	Beverage and Food World
4	Changade SP, Shendurse AM, Mishra SK, Bhandari PN	Utilization of paneer whey for preparation of whey based mungwadi	Indian Journal of Dairy Science
5	Changade SP, Shendurse AM, Mishra SK, Bhandari PN	Studies on process optimization of whey based carrot halwa	Indian Journal of Dairy Science
6	Changade SP, Wasnik PG, Waseem M, Kadu AB, Chapke JS	Process up gradation of bottle guard and pumpkin kheer	Journal of Dairy Food and Home Sciences
7	Changade SP, Wasnik PG, Waseem M, Kadu AB, Chapke JS	Storage studies of bottle guard and pumpkin kheer	Journal of Dairy Food and Home Sciences
8	Santosh Chopde, Bikram Kumar, Prashant Minz, Pravin Sawale	Feasibility study for mechanized production of Rabri	Journal of Dairy Food and Home Sciences

B. Award / Honour / Recognition:

Sr. No.	Name of Institute	Name of Award / Medal
01	College of Dairy Technology, Udgir	Outstanding Performance Award Received from Indian Association for blind, Madhurai, Tamilnadu (2013)
02	College of Dairy Technology, Udgir	“Second Position Award” for active participation in ‘Swachha Sundar, Harit Udgir’ campaign

C. Library:

Information regarding existing books / journals and also new books / journals / e-books / e-journals / thesis purchased and funds allocated for above are as follows

Sr. No.	Item	Number of Books Available	New Books Purchased	Amount Spent
1	Books	2575	808	9,54,303/-
2	Journals	16	16	10,000/-
3	Other Publications	Nil	Nil	Nil
4	Electronic Database	Nil	Nil	Nil

6. Extension:**A. Short Term Training Courses for Field Officers / Farmers**

Sr. No.	Title	Date	No. of Trainees
1	“Milk Product Manufacturing Technology”	03rd April to 23rd April 2012	37 Farmers/ unemployed youth

B. Publication:

Information about the booklet / leaflet / exhibit / extension articles in newspaper and local journals / CD’s published by the institution / individual is as below.

Leaflets/ Booklets	Books sheet	Local Publication (News-paper)	Publications (Leaflets)	Radio & T.V. Talks	Practical Demonstrations
01	14 Rolling sheet 4 Pictorial banner	10	05	--	22

C. Visit of staff members and farmers:**Visit of staff member:**

Sr. No.	Name of Teacher	Place	Date	Purpose
1	Dr. SP Changade	CDT,Udgir	03/12/2012	-On the occasion of 'Clean Milk Production Day' institute had organized one day informatory camp for farmers -155 farmers participated
2	Dr.VD Kele			
3	Prof. MA Deshmukh			
4	Prof. NR Pawar			
5	Er. SS Chopade			
6	Er.SM Kinake			
7	Mr. PR Bachanti			
1	Dr. SP Changade	CDT, Udgir	3/4/2012 to 23/4/2012	-Conducted 21 days residential training Program for unemployed youth & farmers in Jalana district -37 trainees attended the same
2	Dr.VD Kele			
3	Prof. MA Deshmukh			
4	Prof. NR Pawar			
5	Er. SS Chopade			
6	Er.SM Kinake			
7	Mr. PR Bachanti			
1	Dr.VD Kele	CDT, Udgir	19/03/2012	One day workshop on "Introduction to Aromatic & Grainy Ghee manufacturing Technology to Rural Women" & 40 women were present for the same
2	Prof. MA Deshmukh			
3	Er. SS Chopade			
4	Mr. PR Bachanti			
5	Prof. NR Pawar			

Visit of Farmers to Institute:

Sr. No.	Date	No. of Farmers Visited
1	03/12/2012	On the occasion of 'Clean Milk Production Day' institute had organized one day counseling camp for farmers & 155 farmers were guided through the same

D. Exhibition:

Animal Husbandry, Dairy and Fishery Exhibitions:

Sr. No.	Title	Place	Date	No. of Farmers Visited
1	Represented MAFSU, Nagpur in a exhibition held on the occasion of "Marathwada Krishi University Day, Parbhani"	MAU, Parbhani	18 May 2013	750 dies + gents

D. Success Stories:

Without any sanction post & funds from government, by overcoming the hurdles of shortage of manpower, equipment and infrastructure institute has successfully organized 21 days residential training program for the unemployed youths & farmers of Jalna district. Beside this institute conducted different program to get in contact with farmers, small dairy entrepreneurs, women, SHG & unemployed youths of this region (Udgir, Barhali, Malhipperga & Kaulkhed) so as to uplift the dairying in this sector. Institute has proved itself by actively participating in different campaign/rallies and publishing extension related articles such as 05 hand-leaflets, 10 articles in newspaper, 01 booklet and rolling banners.

F. Web Site: Recently institute has launched the website & the address is website URL: www.cdtudgir.in. Information related to college which is helpful for the student, farmers, SHG, women is published on the website.



- 8. Visit of Important Dignitaries:** A list of important dignitaries visited to college is as below:

Sr. No.	Name of Important Dignitaries	Date	Reason of the visit
01	Honorable Vice Chancellor Dr. C. S. Prasad, MAFSU, Nagpur	06/12/2012	Goodwill Visit, discussion on the problems of students & institute staff
02	Honorable Vice Chancellor Dr. A. K. Mishra, MAFSU, Nagpur	07/12/2012	Inauguration of milk processing module with the good hands of Hon'ble Vice Chancellor
03	Respected Mr. Dr. L. B. Sarkate, Directorate of Research, MAFSU, NAGPUR	23/01/2013	Goodwill Visit, discussion on the problems of students & institute staff

Associate Dean
College of Dairy Technology,
Udgir