

Annual Report

Research Achievement

2001&2002

1½ Research report %

Department of Animal Nutrition	a) Name of project	Improving nutrition of Ruminants by Bioconversion of Crop
	b) Date of sanction	Submitted to NATP, IARI, PUSA, New Delhi, Response awaited.
	c) Name of research workers	Dr. S. B. Kawitkar
	d) Objectives	<ol style="list-style-type: none"> 1. Survey of surplus crop residues in Osmanabad, Beed & Latur District of Maharashtra. 2. Nutritional evaluation of/analysis of locally available crop residues. 3. Bio conversion treatment (Urea treatment) of crop residues & their trials on ruminants. 4. Comparative performance of treatment on crop residues. 5. On farm demonstration of treatment on crop residues. 6. Economics of adoption of bioconversion of crop residues in relation to production parameters.
	e. Summary of project	
	f) Findings and recommendations	

2) Research papers published :

Sr. No.	Dept.	Author	Title	Journal	Year	Vol.	Page No.
1	Dept. of Dairy Science	Dr. A.A. Devangare	Shelyanche Arogya wa utpadanatil adunik babi	Journal of food science and technology	2001	37	645 / 647
2		Dr. A.A. Devangare		Livestock International	2001	05	09 - 10
3		Dr. A.A. Devangare		Livestock International	2002	07	22 - 23
3	Department of Medicine and Teaching Veterinary Clinical Complex	A.U. Bhikane	Acute pharyngitis in a bullock- A case report	Indian Vet. J.	2001	78	1156-1157
4		B.N. Ambore	Prevalence, biochemistry and treatment of sub-clinical ketosis in buffaloes	Indian Vet. J.	2001	78	1033-1036
5		A.U. Bhikane	Case report: Successful treatment of <i>Babesia equi</i> infection in a stallion	The Blue cross Book	2002	18	27-28

Sr. No.	Dept.	Author	Title	Journal	Year	Vol.	Page No.
6	Department of Medicine and	A.U. Bhikane	Incidence of clinical mastitis in Ruminants: A study of 68 cases.	Proceeding of Round Table Conference on Mastitis	2002	3	133-134
7	Teaching Veterinary	A.U. Bhikane	Glossoplegia in a buffalo-Case report	Indian Vet. J.	2002	79	269-270
8	Clinical Complex	A.U. Bhikane	Parotitis in bovines: Study of five cases.	Indian Vet. J.	2002	79	1156-1157

3) Participation of Scientist/Staff member in conference, meeting, workshop, symposium in India and abroad :

Sr. No.	Dept.	Name of staff member	Conference/Meeting/ Workshop etc. attended	Place	Period
1	Dept. of Dairy Science	Dr. A.A. Devangare	Shelyanche Arogya wa utpadanatil adunik babi	Udgir	09 – 10 th Mar., 2002
2	Dept. of Livestock	Dr. J.M. Chahande	National VETERESCO	Udgir	04 – 05-Feb. 2002
3	Product Management	Dr. D.S. Deshmukh	Technical discussion on health and production of goat	Udgir	09 – 10 th Mar., 2002
4	Department of Medicine and Teaching Veterinary Clinical Complex	Dr. A.U. Bhikane	Workshop on “Screening & control of brucellosis in livestock in the sate of Maharashtra”	Nagpur	21-22 nd June, 2001
5		Dr. L.G. Anantwar	National symposium on Patterns of emerging animal diseases – impact on production and human health”	Chennai	7-9 th Dec., 2001
6		Dr. A.U. Bhikane	Annual conference of IAAVR and National symposium on “Concepts in suitable livestock production and health in New Millennium”	Nagpur	4-5 th Feb., 2002.
7		Dr. A.U. Bhikane & Dr. L.G. Anantwar	Workshop on “Recent Advances in Health & Production in Goats”	Udgir	9-10 th March, 2002
8		Dr. L.G. Anantwar	Efficacy of on HS.	COVAS, Chennai	7 – 9 Dec. 2001
9		Dr. L.G. Anantwar	Study of Mastitis in goat	COVAS, Chennai	7 – 9 Dec. 2001
10		Dr. L.G. Anantwar	Study of endoparasites in Osmanabadi goat	COVAS, Chennai	7 – 9 Dec. 2001
11		Dr. A.U. Bhikane	Study of ringworms in bovines	COVAS, Nagpur	4 – 5 Feb.2002
12		Dr. B.N. Ambore	Prevalence of ketosis in buffalo	COVAS, Bikaner	14 – 16 Feb. 2002
13		Dr. B.N. Ambore	Changes in blood in ketosis	COVAS, Bikaner	14 – 16 Feb. 2002
14		Dr. A.U. Bhikane	Mortality in kids	COVAS, Udgir	10 March 2002

Sr. No.	Dept.	Name of staff member	Conference/Meeting/ Workshop etc. attended	Place	Period
15	Department of Surgery	Dr. V.D. Aher	ISVS	HISSAR	9-10 th March, 2001
16		Dr. G.U. Yadav	Advanced technologies in veterinary science	Latur	9-10 th March, 2001
17		Dr. G.U. Yadav	ISVS	Mumbai	9-11 th Nov., 2001

4) Papers presented by the staff member of the College at Conference, Workshop and Seminar etc. :

Sr. No.	Dept.	Author	Title of paper	Organizer	Place	Period
1	Department of Dairy Science	Dr. A.A. Devangare	Participation in technical session on health and production of goat	COVAS, Udgir	Udgir	09 – 10 March 2002
2	Dept. of Livestock Production Management	Dr. D.S. Deshmukh	Productive trades in HF X Gir cross	Udaygiri Mahavidyalya, Udgir	Udgir	16 – 17 th August, 2002
3	Dept. of Surgery	Dr. G.U. Yadav	Different conditions in surgery	Veterinary College, Bikaner	Bikaner	14 – 16 Feb. 2002

5) Workshop / Seminar / Summer Institute / Farmers day / Conference etc. held at the College :

Sr. No.	Dept.	Date	Title	Organizer	Place	Total No. of participants
----Nil----						

6) Meeting of staff research council / Joint Council :

Sr. No.	Dept.	No. of projects discussed	No. of New projects discussed	Date/Place	No. of participants	Remarks
----- Nil -----						

7) Linkage and collaboration in India and abroad for funding the project :-

Dept.	Title of project	Collaborating/funding Agency	Date of start of project	Date of completion
----Nil----				

8) Development of infrastructure facilities for research and training in relation to computer Laboratory, Library, Audio-visual aid equipment, lecture hall, auditorium etc. :

Dept.	Development of the Department
Dept. of Nutrition	Procured Overhead Projector as an effective teaching, training audiovisual equipment.

9) Awards and recognitions received by staff and students :

Sr. No.	Dept.	Name of Staff	Award
----Nil----			

EXTENSION ACTIVITIES

Information on Extension activities during the year 2001-2002

1. Publications :-

A) Leaflets published :

Sr. No.	Department	Title/Subject	Author
----Nil----			

B) Books published :

Sr. No.	Department	Title/Subject	Author
1	Department of Medicine and Teaching Veterinary Clinical Complex	Textbook of Animal Science (Revised Edn.)	Dr. A.U. Bhikane
2	Dept. Gynaecology & Obstetrics	Shelipalan	Dr. N.M. Markandeya

C) Weekly, Monthly publications :

Department	Title / Subject	Monthly	Date	Page No.	Author
Dept. Gynaecology & Obstetrics	Dudh Utpadanache Israil Tantra	Godawa Usacha	Jan.-2001	94 - 96	Dr. N.M. Markandeya
	Naka Ho Mala Oxytocin Tochu!	Godawa Usacha	Jan.-2001	130-132	Dr. N.M. Markandeya
	Ase Manada Ganit Aplya Pashuprajananache	Baliraja	Feb. -2001	42 - 46	Dr. N.M. Markandeya
	Shelyatil Prajananvishayak Adhava	Baliraja	Feb. -2001	26 - 28	Dr. N.M. Markandeya
	Israil Tantradhyananachi Ushnatewar Mat	Lokmangal :Shetipratik	May 2001	35 - 36	Dr. N.M. Markandeya
	Israilcha Dudh Vyavasai	Dhawalkranti	Sept. 2001		Dr. N.M. Markandeya
	Israil Tantradhyananacha Maharashtra Upyog	Lokmangal Shetipratik	Jan. 2002	43-48	Dr. N.M. Markandeya
	Fayadeshir Vyavasaitil Adarsh Pashupalkansathi Suchana	Godawa Usacha	Jan. 2002	62 - 64	Dr. N.M. Markandeya
	Navin Pashuprakshetra Padhaticha Upchar	Baliraja	Feb., 2002	98 - 100	Dr. N.M. Markandeya
	Sanrakshanasah Upyukt Wa Utpanna Denari Kutri : Pashmi Wa Karwan	Baliraja	March 2002	66 - 67	Dr. N.M. Markandeya

D) Local publications :

Department	Title / Subject	Name of daily	Date	Page No.	Author
Dept. Gynaecology & Obstetrics	Pashuprajananatil Adthale Bhag (27) : Prasutipashchyat Ajar	Dainik Deogiri Tarun Bharat	9-1-2001	5	Dr. Nitin Markandeya
	Pashuprajananatil Adthale Bhag (28) : Don Wetatil Wadhlele Antar	Dainik Deogiri Tarun Bharat	30-1-2001	5	Dr. Nitin Markandeya

Department	Title / Subject	Name of daily	Date	Page No.	Author
Dept. Gynaecology & Obstetrics	Pashuprajananatil Adthale Bhag (29) : Wikrut Wasaracha Janma	Dainik Deogiri Tarun Bharat	6-3-2001	5	Dr. Nitin Markandeya
	Pashuprajananatil Adthale Bhag (30) : Adaklela War	Dainik Deogiri Tarun Bharat	11-3-2001	5	Dr. Nitin Markandeya
	Pashupalanapasun Door Gelela Dudh Vyavsaya	Dainik Lokmat	14-3-2001	6	Dr. Nitin Markandeya
	Pashuprajananatil Adthale Bhag (31) : Dudh Nirmitis Badha	Dainik Deogiri Tarun Bharat	3-4-2001	5	Dr. Nitin Markandeya
	Samrudha Dudh Vyavasayasathi Pashupaidas Dhornachi Garaj	Dainik Sakal	21-5-2001	2 - 3	Dr. Nitin Markandeya
	Pashuprajananatil Adthale Bhag (32) : Narachi Sadosh Prajanankriya	Dainik Deogiri Tarun Bharat	3-7-2001	5	Dr. Nitin Markandeya
	Pashuprajananatil Adthale Bhag (33) : Walutil Dosh	Dainik Deogiri Tarun Bharat	10-7-2001	5	Dr. Nitin Markandeya
	Pashuprajananatil Adthale Bhag (34) : Waluche Sharirdosh	Dainik Deogiri Tarun Bharat	17-7-2001	5	Dr. Nitin Markandeya
	Pashuprajananatil Adthale Bhag (35) : Sadosh Prajananache Walu	Dainik Deogiri Tarun Bharat	31-7-2001	5	Dr. Nitin Markandeya
	Pashuprajananatil Adthale Bhag (36) : Sadosh Kritrim Retan	Dainik Deogiri Tarun Bharat	21-8-2001	5	Dr. Nitin Markandeya
	Pashuprajananatil Adthale Bhag (37) : Paidas Dhornacha Abhav	Dainik Deogiri Tarun Bharat	11-9-2001	5	Dr. Nitin Markandeya
	Pashuprajananatil Adthale Bhag (38) : Sadosh Paidas	Dainik Deogiri Tarun Bharat	18-9-2001	5	Dr. Nitin Markandeya
	Pashuprajananatil Adthale Bhag (39) : Watawarnacha Tan	Dainik Deogiri Tarun Bharat	2-10-2001	8	Dr. Nitin Markandeya
	Pashuprajananatil Adthale Bhag (40) : Ushnateche Dushparinam	Dainik Deogiri Tarun Bharat	13-11-01	5	Dr. Nitin Markandeya

E) Radio and T.V. talks :

Dept.	Title/ Subject	Author	Station	Date
Department of Medicine and Teaching Veterinary Clinical Complex	Red Urine in Cattle	Dr. Anil Bhikane	AIR, Parbhani	04.01.02
	Pashukalyan Pandharwada	Dr. Anil Bhikane	AIR, Parbhani	31.01.02
	Adhik Dudh Utpadanasathi Janawaranche Wyawasthapan	Dr. Yashwant Deshmukh	AIR, Parbhani	20.02.02
	Diabetes in bovines	Dr. Anil Bhikane	ETV, Marathi	23.03.02
	Janawaratil Andhashradha	Dr. Yashwant Deshmukh	ETV, Marathi	25.03.02

Dept.	Title/ Subject	Author	Station	Date
Dept. Gynaecology & Obstetrics	Vidnyan wa Shetkari Yancha Samanway	Dr. Nitin Markandeya	AIR, Parbhani	21.11.01
	Akashwanivarun Pashupalkanshi Sampark – Rogi Janavaravishyayi	Dr. Nitin Markandeya	AIR, Parbhani	23.01.02
Dept. of Surgery	Dolyanche Aajar, Kharedi Vikri, Shinganche Aajar, Kharedi Vikri	Dr. G.U. Yadav	ETV, Marathi	
	Kritrim Retan	Dr. V.D. Aher	D.D. Mumbai	

2. Practical demonstrations :

Dept.	Village	Date	Number of Farmers	
			Deworming	Spraying
Department of Medicine	Dongarshelki	19.10.2001	45	60
	Talegaon (B)	02.11.2001	95	152
	Nideban	06.11.2001	33	54
	Mortalwadi (Hali)	23.11.2001	54	37
	Deoni	29.11.2001	24	163
	Anandwadi Hali	07.12.2001	35	64
	Itgyal	14.12.2001	136	132
	Somnathpur	15.12.2001	51	70
	Bhawanwadi	18.12.2001	20	28
	Chigali	21.12.2001	65	88
	Pimpri	05.01.2002	65	123

3. Short term courses organized for Officers :

Dept.	Subject	Title	Place	Period	Participants
Dept. Gynaecology & Obstetrics		Majawar Na Yenarya Janavaravishayi	Bidar	07.08.01	40
		Samprerakache Upyog	Rahuri	09.02.02 – 10.2.02	150
		Prajananache Vyavasthapan	Rahuri	27.03.02	45

4. Short term training courses for farmers :

Dept.	Title	Subject	Place	Date	Participants
Dept. Gynaecology & Obstetrics	Management of animal reproduction	Animal management	Udhangaon, Dist. A'bad	1-4-2001	50
	Management of dariy cow		Dongaon, Dist. Latur	24-10-01	20 women
	Milk production		Netragaon, Dist. Latur	31-10-01	20 women
	Buffalo production		Hangaraga, Dist. Latur	08-11-01	20 women
	Intensive management of milking cow		Loni, Dist. Latur	24-12-01	50 women
	Reproduction management		Vilegaon, Dist. Latur	20-01-02	10 women
	Cow farming		Udgir	21-01-02	30
	Buffalo farming		Udgir	22-01-02	30
	Sheep farming		Udgir	23-01-02	30
	Goat farming		Udgir	24-01-02	30
	Dog keeping		Udgir	25-01-02	30
	Animal rearing		Udgir	24-03-02	100
	Dairying		Udgir	03-03-02	30
Dairying		Udgir	03-03-02	50	

5. Veterinary exhibitions :

Dept.	Place	Exhibitions type	Organizer	Date
Dept. Gynaecology & Obstetrics	Washi, Dist. Osmanabad	Goat Show	Department of Animal Husbandry, Osmanabad	09.01.02
	Dondaicha, Dist. Dhule	Cattle Show	Milk Union, Dhule	08.09.02
	Janwal	Dog Show	Ithenic Canine Society, Hyderabad	30.12.02
	Kolhapur	Cattle Show	Zilla Parishd, Kolhapur	10.02.03

6. Visit to dairy farms

- (a) No. of cases treated under Ambulatory Clinic - **4660**
 (b) No. of animals vaccinated under Ambulatory Clinic - **694**

7 (a) Animal Health Camps :

Dept.	Place	Date	No. of Animals Treated	Subject	Organizer
Department of Medicine and Teaching Veterinary Clinical Complex	Dongarshelki	19-10-01	347		
	Talegaon (B.)	02-11-01	757		
	Nideban	06-11-01	247		
	Mortalwadi (Halli)	23-11-01	216		
	Deoni	29-11-01	276		
	Anandwadi (Halli)	07-12-01	227		
	Itgyal	14-12-01	756		
	Somnathpur	15-12-01	147		
	Chigali	21-12-01	462		
Pimpri	05-01-02	530			

(b) No. of cases treated in Hospital :

Medicine	Surgery	Gynaecology	Total
2875	853	171	3899

(c) No. of animals vaccinated in Hospital : **489**

(d) No. of disease out-breaks attended :

Dept.	Species	Diagnosis	Place	Date
---- Nil ----				

8. Farmers visit to the department :

Sr. No.	Department	No. of farmers
1	Department of Medicine and Teaching Veterinary Clinical Complex	2767
2	Department of Surgery	725

09. List of eminent visitors - **-Nil-**

10. Seminar, Group discussion - **-Nil-**

11. Programme/function held - **-Nil-**

12. Other information related to Extension programme :

Sr. No.	Department	Information related to Extension
1	Department of Medicine and Teaching Veterinary Clinical Complex	<ol style="list-style-type: none">1. Participated in livestock shows in Latur and nearby districts organized by Government agencies, Yatra & local committees.2. Participated in training programmes organized by MCED and DIC3. Telephonic consultancy to farmers, LDO's , LSS and other field Veterinarians.4. Diagnostic services to farmers, LDO's , LSS and other field Veterinarians.

Academic Work

1) Student strength of college and actual admissions :

Sr. No.	Name of the College	Year	Total students		Actual admissions	
			UG	PG	UG	PG
1	College of Veterinary & Animal Sciences, Udgir	2001 – 02	32	00	06	00

2) Beneficiaries of scholarship by Govt. of India :

Sr. No.	Name of the College	Scholarship of Govt. of India			Concession in tuition fees
		G.O.I. Scholarship	Mharashtra Govt. scholarship	Other	
1	College of Veterinary & Animal Sciences, Udgir	SC., S.T., NT	Nil	Jindal trust, Bangalore	100 % concession from special district social welfare office, Latur

3) Result :

Sr. No.	Name of the College	Year	Appeared students	Passing grade of students			Total pass students
				1 st class	2 nd class	3 rd class	
1	College of Veterinary & Animal Sciences, Udgir	2001 – 02	120	94	18	00	112

Cattle Breeding Farm

Information of Breeding farm/Livestock Instructional farm/Research station Year 2001-02

Name of College:- College of Veterinary and Animal Sciences, Udgir, Dist. Latur

A)	1. Total No. of animals	:-	Cross-bred	Deshi
			Nil	88
	2. Total Female	:-		61
	3. Total Male	:-		27
	4. Total Breeding male	:-		01
	5. Animals below 6 months	:-		03
	6. Animals above 6 months	:-		53
	7. Total No. of lactating animals	:-		16
	8. Total No. of dry animals	:-		15
	Information of other species	:-		
	Osmanabadi Goats	:-	Total No.	- 125
			Male	- 26
			Female	- 99
	B) Staff position (I Phase)	:-		
	Farm Superintendent	-	01	
	Assistant L.D.O.	-	01	
	L.S.S.	-	01	
	Senior Clerk	-	01	
	Jr. Clerk	-	02	
	Peon	-	02	
	Attendants	-	34	
	C) Farm Production			
	1) Total Milk production	:-	239819/-	
	2) Other income from Farm	:-	61573/-	
	D) Annual income			
	1) From sale of Milk	:-	239819/-	
	2) From sale of other products	:-	61573/-	
	3) Total Income	:-	301392/-	
	E) Total expenditure at farm	:-		
	Total profit/loss	:-		

Cattle Breeding Farm
COLLEGE OF VETERINARY AND ANIMAL
SCIENCES, UDGIR

ANNUAL REPORT

Research Achievements – Year 2001- 2002

- | | | | |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----|
| 1) | The research report | :- | Nil |
| 2) | Research papers published | :- | Nil |
| 3) | Participation of Scientist/Staff member in conference, meeting, workshop, symposium in India and abroad | :- | Nil |
| 4) | Papers presented by the staff member of the College at Conference, Workshop and Seminar etc. | :- | Nil |
| 5) | Workshop/Seminar/Summer Institute/Farmers day/ Conference etc. held at the College | :- | Nil |
| 6) | Meeting of staff research council/ Joint Council | :- | Nil |
| 7) | Linkage and collaboration in India and abroad for funding the project | :- | Nil |
| 8) | Development of infrastructure facilities for research and training in relation to Computer Laboratory, Library, Audio-visual aid equipment, lecture hall, auditorium etc. | :- | Nil |
| 9) | Awards and recognitions received by staff and students | :- | Nil |

Cattle Breeding Farm

EXTENSION ACTIVITIES

Information on Extension activities during the Year 2001-2002

1. Publications :-

A) <u>Leaflets published</u>	–	Nil
B) <u>Books published</u>	–	Nil
C) <u>Local publications</u>	–	Nil
D) <u>Radio and T.V. talks</u>	–	Nil
2. Practical demonstrations	–	Nil
3. Short term courses organized for Officers	–	Nil
4. Short term training courses for farmers	–	Nil
5. Veterinary exhibitions	–	Nil
6. Visit to dairy farms	–	Nil
(a) No. of cases treated under Ambulatory Clinic	–	Nil
(b) No. of animals vaccinated under Ambulatory Clinic	–	Nil
7. Animal Health Camps	–	Nil
(a) No. of animals vaccinated in Hospital/Farm	–	Nil
(b) No. of disease out-breaks attended	–	Nil
8. Farmers visit to the department	–	Nil
9. List of eminent visitors	–	Nil
10. Seminar, Group discussion	–	Nil
11. Programme/function held	–	Nil
12. Other information related to Extension programme	–	Nil