

Annual Report

Research Achievement

2004&2005

1½ Research report %

Department of Medicine and Teaching Veterinary Clinical Complex	a) Name of project	Efficacy of Vetaceph (Ceftriaxone) in Mastitis
	b) Date of sanction	June 2004
	c) Name of research workers	B.N. Ambore, A.U. Bhikane, A.V. Bhonsle and S.H. Namwad
	d) Objectives	To evaluate the therapeutic efficacy of ceftriaxone in mastitis in bovines.
	e. Summery of project	Fourteen clinical cases of mastitis in bovines were diagnosed on the basis of clinical findings, CMT test and Mastect strip test and also by culture and isolation of organisms. These cases were treated with ceftriaxone (Vetaceph) @ 5 mg/kg im and 250 mg per affected quarter as intra-mammary infusion for 3 – 6 days with 85.70 per cent clinical recovery rate. Staphylococci were the most prevalent organisms among bacterial isolates from mastitic milk samples. The in vitro drug sensitivity against the bacterial isolates revealed highest sensitivity to ceftriaxone and ciprofloxacin followed by enrofloxacin, chloramphenicol and gentamicin. Out of 14 clinical cases of mastitis treated with ceftriaxone by intra-mammary and parenteral route, 12 cases were completely recovered after 3 – 6 days treatment and 2 cases which did not recover were chronic with fibrosed udder.
	f) Conclusions and recommendations	Vetaceph (Ceftriaxone, a third generation of cephalosporin) was found very efficacious in treating the cases of mastitis with 85.70 % efficacy.
Department of Animal Nutrition	a) Name of project	One Research scheme is under process and will be submitted to ICAR within few days.
	b) Date of sanction	
	c) Name of research workers	
	d) Objectives	
	e. Summery of project	
	f) Conclusions and recommendations	

2) Research papers published :

Sr. No.	Dept.	Author	Title	Journal	Year	Vol.	Page No.
1	Dept. of LPM	Dr. J.M. Chahande	Economics of Dairy	Article for A.I. Training booklet	2004	---	--

Sr. No.	Dept.	Author	Title	Journal	Year	Vol.	Page No.
2	Dept. of Genetics	Dr. M.P. Sawane	Economics of Dairy	Article for A.I. Training booklet	2004	--	--
3	Department of Medicine and TVCC, Udgir	Dr. A.U. Bhikane	Polyneuritis in Osmanabadi goat	Polivet	2004	5 (1)	90
4	Dept. of Nutrition	Dr. A.B. Kanduri	Different managemental practice affecting growth of Osmanabadi goat	Send for publication to Journal of Bombay Veterinary College.	2005		
5		Dr. A.B. Kanduri	Fodder availability and milk production in different water shed area in Akola Tahsil of Akola District.	Send for publication to Journal of Bombay Veterinary College.			

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 L.P.M.	Dr. J.M. Chahande	Development of Osmanabadi goat	Osmanabad	6 June 2005
2	Dept. of Genetics and animal breeding	Dr. M.P. Sawane	Molecular genetics	Chennai	07.07.04 to 27.07.04
3		Dr. M.P. Sawane	Conference on genetics improvement in cattle and buffalo	Pune	16 – 17 May 2005
4	Dept. of Medicine	Dr. B.N. Ambore	National Conference on Improvement of health by advance scientific techniques	COVAS, Durg	02 – 04 Feb. 2005

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	Dept. of Medicine and TVCC, Udgir	Dr. A.U. Bhikane	Bird flew	COVAS, Udgir	Udgir	2 April 2004
2		Dr. A.U. Bhikane	Differential diagnosis of Red Urine in animals	Mahavet, Nanded	Nanded	10 June 2004
3		Dr. A.U. Bhikane	Role of minerals and vitamins in reproduction	Vet. College, Udgir	Udgir	7 th Feb- 18 th Mar., 2005
4	Dept. of Medicine	Dr. V.D. Aher	Different conditions of surgery diseases	COVAS, Hissar	Hissar	5 – 7 Dec. 2005
5		Dr. V.D. Aher	Otitis	COVAS, Hissar	Jabalpur	18 – 20 Nov. 2004

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

Sr. No.	Dept.	Date	Title	Organizer	Place	Total No. of participants
1	Dept. of L.P.M.	4 May 2005	Discussion on alternative medication	Dept. of Animal Husbandry, Nagpur	Nagpur	600
2	Department of Clinical and Preventive Medicine	02.04.04	Bird flew	COVAS, Udgir	Udgir	20
3		25.12.04	Farmers day	TVCC, Vet. College, Udgir	Tiwatg yal	90

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
1	Dept. of L.P.M.	01	00	07 Aug. 2004	00	SSRB
2	Department of Clinical and Preventive Medicine	02	02	COVAS, Udgir	20	
3	Dept. of Surgery	02	01	Udgir	30	

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
Department of Clinical and Preventive Medicine	Efficacy of Vetaceph (Ceftriaxone) in Mastitis	Tetragon Chemie, Veterinary Division, Bangloore	June, 2004	Dec.2004
	“Efficacy of dermanol cream & skin heal spray on dermatomycosis in cattle”	Indian Herbs Research and Supply Co. Ltd., Saharanpur (UP)	Jan., 2005	On going

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
	---- Nil ----

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 2004-2005

1. Publications :-

A) Leaflets published :

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

B) Books published

Sr. No.	Department	Title/Subject	Author
1	Department of Clinical and Preventive Medicine and Teaching Veterinary Clinical Complex	Handbook for Veterinary Clinician (Revised edition)	<u>Dr. Anil Bhikane</u> and Dr. Sudhil Kawitkar
2		Pashurog Chikitsa	Dr. Girish Yadav, <u>Dr A.U. Bhikane</u> and Dr. Vilas Aher
3	Dept. of Surgery	Pashurog Chikitsa	<u>Dr. Girish Yadav</u> , Dr A.U. Bhikane and Dr. Vilas Aher

C) Weekly, Monthly publications :

Department	Title / Subject	Monthly	Date	Page No.	Author
---- Nil ----					

D) Local publications :

Department	Title / Subject	Name of daily	Date	Page No.	Author
---- Nil ---					

E) Radio and T.V. talks-

Dept.	Title/ Subject	Author	Station	Date
Department of Clinical and Preventive Medicine	Breeding of purebred animals	Dr. Anil Bhikane	AIR, Parbhani	23.06.04
	Dermatophytosis in cattle	Dr. Anil Bhikane	E-TV marathi	23.06.04
	Osteomalacia in buffaloes	Dr. Anil Bhikane	E-TV marathi	24.06.04
	Vaccination for control of HS in buffaloes	Dr. Anil Bhikane	E-TV marathi	09.07.04
	Prevention of contagious diseases in small ruminants	Dr. Anil Bhikane	E-TV marathi	10.07.04
Dept. Gynaecology & Obstetrics	Live communication with farmers	Dr. Nitin Markandeya	AIR, Parbhani	16.07.04
	Live communication with farmers	Dr. Nitin Markandeya	AIR, Parbhani	16.07.04
	Cross breeding in 21 st century	Dr. Anil Patil	AIR, Parbhani	23.01.04
	Buffalo management in summer	Dr. Anil Patil	AIR, Parbhani	11.03.04

Dept.	Title/ Subject	Author	Station	Date
Dept. Gynaecology & Obstetrics	Feeding management in broiler	Dr. Anil Patil	AIR, Parbhani	01.02.05
	Live broadcast with farmers on AI	Dr. Anil Patil	AIR, Parbhani	16.03.05
	Dairy in Maharashtra	Dr. Nitin Markandeya	AIR, Parbhani	07.04.04
	Difficulties in animal reproduction	Dr. Nitin Markandeya Dr. Anil Patil	AIR, Parbhani	June, July, Aug. 2004
Dept. of Surgery	Diseases of eye, a gift of surgery	Dr. V.D. Aher	AIR, Parbhani	Mar. 2004
	Horn cancer : First aid	Dr. G.U. Yadav	E-TV marathi	2005
	Vaccination in animals	Dr. V.D. Aher	AIR, Parbhani	09.02.05

2. Practical demonstrations :

Dept.	Village	Date	Number of Farmers	
			Deworming	Spraying
Department of Medicine	Loni	18.05.2004	96	27
	Borgaon	19.05.2004	120	94
	Umarga Retu	06.06.2004	96	82
	Hangarga	06.06.2004	96	--
	Lohara	03.07.2004	63	68
	Gutti	21.08.2004	161	324
	Haibatpur	25.11.2004	25	67
	Talegaon	18.12.2004	32	73
	Chigali	18.12.2004	59	--
	Belsakarga	18.12.2004	25	--
	Sulali	18.12.2004	20	--
	Tiwatgyal	23.12.2004	27	54
	Gudsur	04.01.2005	48	--
	Shirol	09.01.2005	23	21
	Ujed	24.01.2005	30	43
	Mortalwadi	04.03.2005	11	21
	Chimachiwadi	19.03.2005	30	34
Motegaon	22.03.2005	44	115	

3. Short term courses organized for Officers :

Dept.	Title	Subject	Place	Period	Participants
Dept. of Biochemistry	Artificial Insemination	Science of heat in cows and buffalo	COVAS, Udgir	07 – 14 March 2005	20
Department of Anatomy	Artificial Insemination	Anatomy with respect to reproduction of pet animals	COVAS, Udgir	07 – 14 March 2005	20
Department of Gynaecology & obstetrics	Artificial Insemination	Artificial Insemination	COVAS, Udgir	07 – 14 March 2005	101
Dept. of Nutrition		Production of scientific feed management and balanced feeding in animals	MAFSU, Nagpur	Feb.- Mar. 2005	

4. Short term training courses for farmers :

Dept.	Subject	Place	Period	Date	Participants
Dept. of Biochemistry				8 – 17 Mar. 2004	25 women
				4 – 13 Jan. 2004	45
Dept. of L.P.M.					
Dept. Gynaecology & Obstetrics					

5. Veterinary exhibitions : Nil

6. Visit to dairy farms

(a) <u>No. of cases treated under Ambulatory Clinic</u>	-	9125
(b) <u>No. of animals vaccinated under Ambulatory Clinic</u>	-	741

7. (a) Animal Health Camps :

Dept.	Place	Date	No. of Animals Treated	Subject	Organizer
Department of Medicine and Teaching Veterinary Clinical Complex	Halli	16-08-03	453		
	Bhramwadi	29-08-03	412		
	Nalgir	12-09-03	392		
	Kumtha	17-09-03	457		
	Chichondi	03-10-03	914		
	Dongarshelki	15-10-03	231		
	Hadolti	18-10-03	567		
	Javalga	31-10-03	103		
	Wadhona	07-11-03	405		
	Jamb	14-11-03	55		
	Dongargaon	19-11-03	182		
	Naygaon	21-11-03	580		
	Gangapur	25-11-03	308		
	Madlapur	16-12-03	214		
	Satala	13-01-04	497		
Ujed	24-01-04	377			

Dept.	Place	Date	No. of Animals Treated	Subject	Organizer
Department of Medicine and TVCC	Poharegaon	26-01-04	1006		
	Gudsur	03-03-04	200		
	Tiruka	16-03-04			

(b) No. of cases treated in Hospital :

Medicine	Surgery	Gynaecology	Total
2335	1195	414	3944

(c) No. of animals vaccinated in Hospital : **1030**

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

Dept.	Species	Diagnosis	Place	Date
Department of Medicine and Teaching Veterinary Clinical Complex	Sheep	Pox in sheep	Mukramabad	01.11.2003

8. Farmers visit to the department :

Sr. No.	Department	No. of farmers
1	Department of Medicine and Teaching Veterinary Clinical Complex	2880
2	Dept. of Medicine	948
3	Dept. of Nutrition	05

09. List of eminent visitors :

Name		Full address	Reason	Date
Dr. N.G. Narayankedkar	Sanshodhan Sanchlak	MAFSU, Nagpur	16.03.04
Dr. A.T. Sherikar	Vice-chancellor	MAFSU, Nagpur	13.02.04

10. Seminar, Group discussion -

11. Programme/function held -

12. Other information related to Extension programme :

Sr. No.	Department	Information related to Extension
1	Department of Medicine and Teaching Veterinary Clinical Complex	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 DIC 3. Telephonic consultancy to farmers, LDO's , LSS and other field Veterinarians. 4. Diagnostic services to farmers, LDO's , LSS and other field Veterinarians.
2	Dept. of LPM	1. Articles in technical booklet on quail farming. 2. Articles in technical booklet on sheep farming.
3	Dept. of Nutrition	Information delivered to the farmers with respect of balance feed management, requirement of essential nutrients of animals and feed formula recommended.

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	2003 – 04	32	06	32	06

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	2003 - 04	125	100	17	00	117

**Library & Information Center
College of Veterinary & Animal Sciences, Udgir
Annual Report**

MAFSU, Sub-center & Cattle Breeding Farm, Udgir
Information of Breeding farm/Livestock Instructional farm/Research station
Year 2004-05

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

Department	Particulars	Cross-bred	Deshi
MAFSU, Sub-center, Udgir	Total No. of animals	Nil	102
	Total Female		69
	Total Male		18
	Total Breeding male		05
	Animals below 6 months		---
	Animals above 6 months		20
	Total No. of lactating animals		28
	Total No. of dry animals		41
Cattle Breeding Farm, Udgir	Total No. of animals	Nil	97
	Total Female		65
	Total Male		32
	Total Breeding male		02
	Animals below 6 months		13
	Animals above 6 months		57
	Total No. of lactating animals		16
	Total No. of dry animals		09

MAFSU, Sub-center, Udgir

Information of other species	:-			
Osmanabadi Goats	:-	Total No.	-	47
		Male	-	03
		Female	-	36
		(Milking – 10 and Dry & Pregnant – 26)		
		Kid	-	07
		(Male – 02 and Female – 05)		

Cattle Breeding Farm, Udgir

Information of other species	:-			
Osmanabadi Goats	:-	Total No.	-	40
		Male	-	09
		Female	-	31
Dekkani sheep	:-	Total No.	-	70
		Male	-	11
		Female	-	59

MAFSU, Sub-center, Udgir

B) Staff position (I Phase)	:-			
Assistant Director	-		01	
Livestock Development Officer	-		02	(1 vacant post)
Fodder Development Officer	-		01	
Assistant FDO	-		01	
Senior Assistant	-		01	
Jr. Clerk	-		02	
Electrician	-		01	
Attendants	-		07	

Cattle Breeding Farm, Udgir

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

MAFSU, Sub-center, Udgir

C) Farm Production

1) Total Milk production	:-	1351.9 lit. (Deoni cattle)
2) Total Milk production	:-	1574.8 lit. (Marathwadi buffalo)
2) Other income from Farm	:-	99000/- (Poultry sale)

Cattle Breeding Farm, Udgir

C) Farm Production

1) Total Milk production	:-	247880/-
2) Other income from Farm	:-	146855/-

MAFSU, Sub-center, Udgir

D) Annual income

1) From sale of Milk	:-	38270/-
2) Poultry sale	:-	99000/-
Total income	:-	137270/-

Cattle Breeding Farm, Udgir

D) Annual income

1) From sale of Milk	:-	247880/-
2) From sale of other products	:-	146855/-
3) Total Income	:-	394735/-

MAFSU, Sub-center, Udgir

E) Total expenditure at farm :- Not applicable (Scheme under plan)

Cattle Breeding Farm, Udgir

E) Total expenditure at farm :-

MAFSU, Sub-center, Udgir

Total profit/loss :- Not applicable (Scheme under plan)

Cattle Breeding Farm, Udgir

Total profit/loss :-

MAFSU SUB-CENTRE, Udgir
COLLEGE OF VETERINARY AND ANIMAL SCIENCES, UDGIR

ANNUAL REPORT
Research Achievements - Year- 2004 – 2005

- 1) The research report :- Nil
2) Research papers published :-

Sr. No.	Author	Title	Journal	Year	Vol.	Page No.
1	B.N. Ambore	Polyneuritis in Osmanabadi goat- A case report	Polivet	2004	5 (1)	90-91

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

Sr. No.	Name of staff member	Conference/Meeting/Workshop etc. attended	Place	Period
1	B.N. Ambore	National symposium on scientific advancement for improving animal health and XXIII Annual Convention of ISVM	Durg (CG)	2-4 th Feb., 2005

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

Sr. No.	Author	Title of paper	Organizer	Place	Period
1	B.N. Ambore	Bird Flu	Vet. College, Udgir	Udgir	02.04.04
2	B.N. Ambore	“Efficacy of Vetaceph (Ceftriaxone) in mastitis”	Vet. College, Durg (CG)	Durg	2-4 th Feb., 2005
3	B.N. Ambore	“Efficacy of Ferrocom in anaemia in goats”	Vet. College, Durg (CG)	Durg	2-4 th Feb., 2005
4	B.N. Ambore	Health monitoring for high conception rate	Vet. College, Udgir	Udgir	7 th Feb- 18 th Mar., 2005
5	S.B. Daware	Post thaw Semen evaluation	Vet. College, Udgir	Udgir	7 th Feb- 18 th Mar., 2005
6	Y.T. Deshmukh	Material send to laboratory for gynaecological disorder	Vet. College, Udgir	Udgir	7 th Feb- 18 th Mar., 2005

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

Sr. No.	Date	Title	Organizer	Place	Total No. of participants
1	02.04.04	Bird Flu	Vet. College, Udgir	Udgir	20
2	25.12.04	Farmers day	TVCC, Vet. College, Udgir	Tiwatgyal	90

- 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

MAFSU SUB-CENTRE, Udgir
EXTENSION ACTIVITIES

Information on Extension activities during the Year 2004-2005

1. Publications :-

A) Leaflets published :-

Sr. No.	Title/Subject	Author
1	Bird flue	A.V. Bhonsle and S.A. Dhaware

B) Books published :- Nil

C) Local publications :- Annexure-1

D) Radio and T.V. talks :-

Sr. No.	Title/ Subject	Author	Station	Date
1	Spraying against Ecto-parasites in Large animals	Y.T.Deshmukh	ETV, Marathi	23.06.04
2	Vaccination of animals before monsoon	B.N. Ambore	ETV, Marathi	09.07.04
3	Deworming of sheep & goats before monsoon	B.N. Ambore	ETV, Marathi	23.07.04
4	Spraying against Ecto-parasites of sheep & goats	Y.T.Deshmukh	ETV, Marathi	25.07.04
5	Prevention of BQ in cattle before monsoon	B.N. Ambore	ETV, Marathi	17.08.04
6	Indigestion, Sunstroke and Urinary calculi in animals in summer season	B.N. Ambore	AIR, Parbhani	----
7	Prevention and control of Diseases Born from milk to human being	S.B. Daware	AIR, Parbhani	21.02.05
8	Selection of bullock pair	S.A. Dhaware	AIR, Parbhani	25.02.05

2. Practical demonstrations :-

Number of Farmers	
Deworming	Spraying
525	750

3. Short term courses organized for Officers :-

Following staff have been participated and delivered the lectures to State department LDO's, ALDO's & LSS in Short term training course organized by College in collaboration with MLDB, Akola and Maharashtra State Animal Husbandry Department.

Date	Place	Participated staff
7 th Feb.- 18 th Mar.2005	Veterinary College, Udgir	B.N. Ambore and S.B.Daware

4. Short term training courses for farmers

:-

Following staff member were participated and delivered the lectures in short term training programmes organized by College for Rural Womens Under ICAR Scheme.

Sr. No.	Title/ Subject	Author	Place	Date
1	Common infectious diseases in Quails	B.N. Ambore	Madlapur	10 th - 19 th Dec. 2003
2	Housing system for Quail raring	Y.T. Deshmukh	Madlapur	10 th - 19 th Dec. 2003
3	Instruments Required for Quail Farming	S.B. Daware	Madlapur	10 th - 19 th Dec. 2003
4	History of Quail farming	S.A. Dhaware	Madlapur	10 th - 19 th Dec. 2003
5	Deworming and Vaccination of Sheep	B.N. Ambore	Tiruka Tq. Jalkot	8 th - 17 th Mar. 2004
6	Mendhyansathi Gotha	Y.T. Deshmukh	Tiruka Tq. Jalkot	8 th - 17 th Mar. 2004
7	Management of Milking Sheep	S.B. Daware	Tiruka Tq. Jalkot	8 th - 17 th Mar. 2004
8	Cloning technique	S.A. Dhaware	Tiruka Tq. Jalkot	8 th - 17 th Mar. 2004
9	Selection of sheep for breeding	S.A. Dhaware	Tiruka Tq. Jalkot	8 th - 17 th Mar. 2004

5. Veterinary exhibitions

:-

Date	Place	Participated staff
08 th – 12 th January, 2005	Malegaon Dist. Nanded (Malegaon Yatra)	V. N. Bansode, S.B. Daware & S.B. Kale

6. Visit to dairy farms

:-

- (a) Topic, place, date, purpose. - ----
- (b) No. of cases treated under Ambulatory Clinic - **Not applicable**
- (c) No. of animals vaccinated under Ambulatory Clinic - **Not applicable**

7 (a) Animal Health Camps

-

No. of Camps	Name of Participated staff
16	B.N. Ambore, Y.T Deshmukh

- (b) No. of cases treated in Hospital - **Not applicable**
- (c) No. of animals vaccinated in Hospital/Farm - **102**
- (d) No. of disease out-breaks attended - **Not applicable**

8. Farmers visit to the department

-

9. List of eminent visitors

-

10. Seminar, Group discussion

-

11. Programme/function held

-

12. Other information related to Extension programme -

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 DIC
3. Telephonic consultancy to farmers, LDO's , LSS and other field Veterinarians.
4. Diagnostic services to farmers, LDO's , LSS and other field Veterinarians.

