

Annual Report Research Achievement 2002&2003

1½ Research report %

Department of Medicine and Teaching Veterinary Clinical Complex	a) Name of project	Efficacy of Ferrocom against anaemia in goats
	b) Date of sanction	April 2001
	c) Name of research workers	Dr. A.U. Bhikane, Dr. B.N. Ambore, Dr. G.U. Yadav and Dr. L.G. Anantwar
	d) Objectives	To evaluate the therapeutic efficacy of Ferrocom, a herbal oral iron preparation in anaemia in goats.
	e) Summary of the project	Out of 100 Osmanabadi goats screened during the summer months, 48 goats were found affected with anaemia indicating 48 % incidence. The higher incidence of disease was observed in adult goats (50 %) as compared to young ones (44.73 %). The clinical signs recorded were dullness, depression, rough hair coat, pale mucus membranes, loss of body weight and weakness with increased heart and respiration rates. Haematological estimations revealed microcytic hypochromic anaemia. Total leukocyte count was non-significantly decreased and DLC revealed mild eosinophilia and neutrophilia in affected goats. Biochemical parameters like serum iron and total proteins were also significantly ($P < 0.01$) decreased in anaemic goats as compared to healthy goats. All the anaemic goats were successfully treated with Ferrocom @ 10 mg/kg/day orally for 30 days. After the treatment the clinical signs were disappeared and all the haematological and biochemical parameters restored to their normal levels.
	f) Conclusion and recommendations	The treatment of anaemic goats with Ferrocom @ 10 mg/day orally for 30 days was found very safe and efficacious.
Department of Animal Nutrition	a) Name of project	“Mineral status of Deoni animals in relation to soil, feeds and fodder in Udgir taluka of Maharashtra state”.
	b) Date of sanction	Research work of Ph.D.
	c) Name of research workers	Dr. S. B. Kawitkar
	d) Objectives	1. Minerals contents in different stages of growth in Deoni animals. 2. Mineral content in different varieties of grasses available in the area Kadbi and others concentrate used in area. 3. Minerals in the soil. 4. Availability of minerals in Soil, plants etc.
	e. Summery of project	
	f) Findings and recommendations	

2) Research papers published :

Sr. No.	Dept.	Author	Title	Journal	Year	Vol.	Page No.
1	Department of Medicine and Teaching Veterinary Clinical Complex	Dr. A.U. Bhikane	Brain Trauma in bovines- A clinical report	Polivet	2003	4 (1)	39-40
2		Dr. A.U. Bhikane	Efficacy of Enrofloxacin against Haemorrhagic Septicaemia in bovines	Polivet	2003	4 (1)	34-35

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
	Dept. of Biochemistry	Dr. N.Z. Gailwad	4 th Asian buffalo congress : “	New Delhi	25 – 28 th Feb., 2003
		Dr. N.Z. Gailwad	jkT;Lrjh; ppkZl=k ^^ejkBokM~îkrhy 'ksrh o i'kqikyukP;k e;kZnk o f{krhtkaps HkkSxksfyd v/;;u**	mnxhj	16 rs 17 vkWxL V 2002
1	Department of Medicine and Teaching Veterinary Clinical Complex	A.U. Bhikane	Indian Veterinary conference and National seminar on “Biological Threats and Disaster Management – Role”	PAU, Ludhiana	9 - 11 th Aug., 2002
2		A.U. Bhikane	4 th Asian buffalo congress	New Delhi	25 – 28 th Feb., 2003
3		B.N. Ambore	4 th Asian buffalo congress	New Delhi	25 – 28 th Feb., 2003
4		A.U. Bhikane	National symposium on “Challenges in Emerging WTO Scenario on milk, meat and poultry Industry”	Nagpur	20 – 22 nd Sept., 2003
5	Department of Surgery	Dr. Girish Yadav	I.S.V.S.	Mumbai	9 – 11 Sept. 2002
		Dr. Vilas Aher	U.G.C.	Udgir	16 – 17 Sept. 2002

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 Medicine and Teaching Veterinary Clinical Complex	A.U. Bhikane	“Studies on osteomalacia in Marathwadi buffaloes”	4 th Asian buffalo congress	New Delhi	25 – 28 th Feb., 2003
2		A.U. Bhikane	“Phosphorus supplementation trial in buffaloes”	4 th Asian buffalo congress	New Delhi	25 – 28 th Feb., 2003
3		B.N. Ambore	“Epidemiology, biochemical changes and therapeutic management of ketosis in buffaloes”	4 th Asian buffalo congress	New Delhi	25 – 28 th Feb., 2003

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	Department of Medicine and Teaching Veterinary Clinical Complex	23.12.02	Farmers day	TVCC, Vet. College, Udgir	Halli	60
2		22.01.03	Farmers rally	TVCC, Vet. College, Udgir	Ghonsi	80

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
Department of Medicine and Teaching Veterinary Clinical Complex	“Efficacy of Ferrocom against anaemia in goats”	Indian Herbs Research and Supply Co. Ltd., Saharanpur (UP)	June, 2002	Mar, 2004

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
1	Department of Medicine and Teaching Veterinary Clinical Complex	Dr. A.U. Bhikane	Ganti A. Sastry Gold medal

EXTENSION ACTIVITIES

Information on Extension activities during the year 2002-2003

1. Publications :-

A) Leaflets published :

Sr. No.	Department	Title/Subject	Author
1	Department of Medicine and Teaching Veterinary Clinical Complex	Vaccination	A.U. Bhikane, G.U. Yadav and N.M. Markandeya
2		Deworming	A.U. Bhikane, G.U. Yadav and N.M. Markandeya
3		Control of Ectoparasites	A.U. Bhikane, G.U. Yadav and N.M. Markandeya
4		Mis-beliefs	G.U. Yadav, N.M. Markandeya and A.U. Bhikane
5	Department of Medicine		

B) Books published –

Sr. No.	Department	Title/Subject	Author
Nil			

C) Weekly, Monthly publications : –

Department	Title / Subject	Monthly	Date	Page No.	Author
Dept. of Biochemistry					
Dept. of Pharmacology					
Dept. Gynaecology & Obstetrics					

D) Local publications :

Department	Title / Subject	Name of daily	Date	Page No.	Author
Dept. Gynaecology & Obstetrics					

E) Radio and T.V. talks-

Dept.	Title/ Subject	Author	Station	Date
Dept. of Biochemistry				
Department of Medicine	Oxytocinche Dushparinam	Y.T.Deshmukh	AIR, Parbhani	
	Adhik Artha Praptisathi Rakha Prat Dudhachi	Y.T.Deshmukh	AIR, Parbhani	
Dept. Gynaecology & Obstetrics				

2. Practical demonstrations :

Dept.	Village	Date	Number of Farmers	
			Deworming	Spraying
Department of Medicine	Chimachiwadi	07.09.2002	36	62
	Anandwadi Hali	21.09.2002	45	58
	Hali	04.10.2002	21	26
	Bodkha	25.10.2002	48	145
	Gudsur	29.10.2002	58	--
	Poharegaon	30.11.2002	76	257
	Talegaon	08.12.2002	55	109
	Bamani	09.12.2002	49	34
	Kabansangawi	12.12.2002	54	122
	Sagroli	18.01.2003	1235	342
	Mortalwadi (Nalgir)	2001.2003	36	26
	Khambalwadi	22.02.2003	48	49
	Ghonsi	23.01.2003	82	63
	Dhondwadi	24.01.2003	53	189
	Lohara	08.02.2003	51	128
	Sumthana	12.02.2003	97	115
	Mogha	15.02.2003	56	53

3. Short term courses organized for Officers : Nil

Dept.	Subject	Title	Place	Period	Date	Participants
---Nil---						

4. Short term training courses for farmers :

Dept.	Subject	Title	Place	Period	Date	Participants
Dept. of Biochemistry						
Dept. Gynaecology & Obstetrics						

5. Veterinary exhibitions : Nil

6. Visit to dairy farms

(a) <u>No. of cases treated under Ambulatory Clinic</u>	-	13071
(b) <u>No. of animals vaccinated under Ambulatory Clinic</u>	-	2165

7 (a) Animal Health Camps :

Dept.	Place	Date	No. of Animals Treated	Subject	Organizer
Department of Medicine and Teaching Veterinary Clinical Complex	Chimachiwadi	07.09.2002	315		
	Anandwadi (Hali)	21.09.2002	247		
	Hali	04.10.2002	136		
	Bodkha	25.10.2002	675		
	Gudsur	29.10.2002	136		
	Poharegaon	30.11.2002	1059		
	Talegaon	08.12.2002	482		
	Bamani	09.12.2002	183		
	Kabansangawi	12.12.2002	560		
	Sagroli	18.01.2003	3860		
	Mortalwadi Nalgir	2001.2003	142		
	Khambalwadi	22.02.2003	199		
	Ghonsi	23.01.2003	356		
	Dhondwadi	24.01.2003	609		
	Lohara	08.02.2003	587		
Sumthana	12.02.2003	497			
Mogha	15.02.2003	285			
		Total	10329		

(b) No. of cases treated in Hospital :

Medicine	Surgery	Gynaecology	Total
3334	1302	211	4841

(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	Cattle	HS	Korhali	09.08.2002

8. Farmers visit to the department :

Sr. No.	Department	No. of farmers
1	Department of Medicine and Teaching Veterinary Clinical Complex	2880

09. List of eminent visitors - -----

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.

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	2002 – 03	32	06	26	05

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	2002 - 03	128	97	17	00	114

Cattle Breeding Farm

Information of Breeding farm/Livestock Instructional farm/Research station Year 2002-03

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

A)	1. Total No. of animals	:-	Cross-bred	Deshi
			Nil	101
	2. Total Female	:-		70
	3. Total Male	:-		31
	4. Total Breeding male	:-		02
	5. Animals below 6 months	:-		11
	6. Animals above 6 months	:-		55
	7. Total No. of lactating animals	:-		19
	8. Total No. of dry animals	:-		14
	Information of other species	:-		
	Osmanabadi Goats	:-	Total No.	- 125
			Male	- 26
			Female	- 99
	Dekkani sheep	:-	Total No.	- 55
			Male	- 17
			Female	- 38
	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	:-	194520/-	
	2) Other income from Farm	:-	59731/-	
	D) Annual income			
	1) From sale of Milk	:-	194520/-	
	2) From sale of other products	:-	59731/-	
	3) Total Income	:-	254251/-	
	E) Total expenditure at farm	:-		
	Total profit/loss	:-		

Cattle Breeding Farm
COLLEGE OF VETERINARY AND ANIMAL
SCIENCES, UDGIR

ANNUAL REPORT
Research Achievements - Year 2002- 2003

- | | | | |
|----|---|----|-----|
| 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 2002-2003

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

