Annual Report Research Achievement 2003&2004

1½ Research report %

1/2 Itescaren	10po10 / 0	
	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.
Department of Animal Nutrition	c) Name of research workers	Dr. S. B. Kawitkar
	d) Objectives	 Minerals contents in different stages of growth in Deoni animals. Mineral content in different varieties of grasses available in the area Kadbi and others concentrate used in area. Minerals in the soil. 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	Dept. of LPM	Dr. D.S. Deshmukh			2003 -04		
2	Department of Medicine and Teaching Veterinary Clinical	Dr. A.U. Bhikane	Incidence, clinico-pathology and therapeutic management of osteomalacia in Marathwadi buffaloes	Indian Vet. J.	2003	80	1288- 1291
3	Complex	Dr. A.U. Bhikane	Effect of phosphorus supplementation on health and production of buffaloes	Veterinary Practitioner	2003	4	148- 149
4		Dr. A.U. Bhikane	Diabetes mellitus in buffaloes	Polivet	2003	4 (2)	219- 224
5		Dr. A.U. Bhikane	Incidence, clinico-pathology and treatment of haemoglobinuria in buffaloes	Indian Vet. J.	2004	81	192- 197
6	Sub-center, MAFSU, Nagpur	Dr. B.N. Ambore	Clinical Ketosis in Buffalo (Bubalus bubalis)	Polivet	2003	4 (2)	196- 199

${\bf 3)}\ Participation\ of\ Scientist/Staff\ member\ in\ conference,\ meeting,\ workshop,\ symposium\ in\ India\ and\ abroad:$

Sr. No	Dept.	Name of staff member	Conference/Meeting/ Workshop etc. attended	Place	Period
1	Dept. of L.P.M.	Dr. J.M. Chahande	National conference on Impact of WTO on milk, meat and poultry	Nagpur	20 – 22 Sept., 2003
2	Dept. of Anatomy	Dr. P.N. Thakur	18 th National conference of Animal Anatomy	Anand (Gujrath)	26 – 28 Dec. 2003
3	Dept. of Pharmacology		Importance of plants in animal health and reproduction	COVAS, Durg (Chattisgarh)	
4	Department of	Dr. Vilas Aher	NAARM, Hyderabad	Parbhani	15 – 21 March 2003
5	Surgery	Dr. Girish Yadav	NAARM, Hyderabad	Udgir	March 2003

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	Dr. A.A. Devangare	Management of pregnant sheep	COVAS, Udgir	Udgir	08 – 17 March 2004
2	Science	Dr. A.A. Devangare	Management of Quail	COVAS, Udgir	Udgir	11.12.03

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	28.05.03	Farmers rally/meet	TVCC, Vet. College, Udgir	Daul	75

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		01		07 Jan. 2004	07	

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	1) Procured Computer system.
	2) Procured Digital Electronic Weighing Balance

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 2003-2004

1. Publications:-

A) <u>Leaflets published</u>:

Sr. No.	Department	Title/Subject	Author
1		Pashutil Garbh Tapasani	Dr. Nitin Markandeya
2	Dept.	Kara Lasikaran Hoil Pakshyanche Jeevan Sanrakshan	Dr. Santosh Moregaonkar, Dr. A.D. Patil
3	Gynaecology & Obstetrics	Broiler Pakshyanchya Ghartyachi Swachta Aani Nirjantikarn Karyakrum	Dr. Santosh Moregaonkar, Dr. A.D. Patil
4		Unhalyamadhe Broiler Pakshyanche Vyavasthapan Kase Karal	Dr. Santosh Moregaonkar, Dr. A.D. Patil

B) Books published

Sr. **Department** Title/Subject Author No. Dr. A.U. Bhikane and Dr. 1 Bater Palan Department of Medicine and D.S. Deshmukh Teaching Veterinary Clinical Dr A.U. Bhikane, Dr. N.M. 2 Complex Mendhi Palan Markandeya and Dr. B.N. Ambore Dr A.U. Bhikane, Dr. N.M. Dept. Gynaecology & Markandeya and Dr. B.N. 3 Mendhi Palan Obstetrics Ambore

C) Weekly, Monthly publications:

Department	Title / Subject	Monthly	Date	Page No.	Author
	Dudhal Janavaranche samasya ani upay	Dudh Utpadak Melava, Nagpur	11 May 2003	45 to 53	Dr. Nitin Markandeya
	Pashuprajananatil Adthale (42) Aharat Urjechi Kamtarta	Godwa Usacha	June 2003	98	Dr. Nitin Markandeya
Dept. Gynaecology &	Pashuprajananatil Adthale (43) Aharat Urjechi Kamtarta	Godwa Usacha	July 2003	146	Dr. Nitin Markandeya
Obstetrics	Paliv pranayanche prajanan : Mendhipalan	Annadata	July- Sept. 2003	60 – 61	Dr. Nitin Markandeya
	Pashuprajananatil Adthale (44) Kshar va Jeevansatwachi apurtata	Godwa Usacha	Aug. 2003	99 - 100	Dr. Nitin Markandeya
	Maispalan : Shashwat Arthik Vikasachi Dasha	Lokmangal Shetipratik	Aug. 2003	05 - 09	Dr. Nitin Markandeya

Godwa Usacha	Sept. 2003	115 - 116	Dr. Nitin Markandeya
ta	Sept. 2003	92 - 94	Dr. Nitin Markandeya
sru! Dhawalkranti	Sept. 2003		Dr. Nitin Markandeya
Diwali Ank : Prabha	Oct. 2003	111 - 114	Dr. Nitin Markandeya
Godwa	Jan- 2004	27 - 28	Dr. Nitin Markandeya
ntar Usacha	Jan- 2004	22 - 23	Dr. Nitin Markandeya
Baliraja	Feb. 2004	43 - 45	Dr. Santosh Moregaonkar <u>Dr. Nitin</u> <u>Markandeya</u>
Baliraja ala?	Feb. 2004	95	Dr. Nitin Markandeya
n	Feb. 2004	99 - 101	Dr. Nitin Markandeya
Godwa Usacha	Feb. 2004	35 - 38	Dr. Nitin Markandeya
Godwa Usacha	Feb. 2004	36 – 37	Dr. Nitin Markandeya
Godwa oahu Usacha	Feb. 2004	39	Dr. Nitin Markandeya
	Usacha Sta chya Dhanyalaxmi Icha sru! Dhawalkranti Diwali Ank : Prabha Godwa Usacha Baliraja alan Baliraja Baliraja alan Baliraja Godwa Usacha Godwa Usacha Baliraja Godwa Usacha Baliraja Godwa Usacha Godwa Usacha Godwa Usacha Godwa Usacha Godwa Usacha Godwa Usacha Godwa Usacha	Godwa Usacha Sept. 2003 Sept. 2003 Sept. 2003 Chya Dhanyalaxmi Sept. 2003 Chya Dhawalkranti Sept. 2003 Diwali Ank: Oct. Prabha 2003 Godwa Usacha Jan-2004 Godwa Usacha Feb. 2004 Baliraja Feb. 2004 Baliraja Feb. 2004 Godwa Feb. Usacha Feb. 2004 Godwa Feb. 2004 Godwa Feb. 2004	Godwa Usacha Sept. 2003 115 - 116

	Adhik dudh utpadan denari sankrit paidas wadvinyasathi kusyalvrudhi	Kisanshakti	Feb. 2004	5 – 6	Dr. Nitin Markandeya
	Gothaytil pashudhanababat pashupalkas samanyapane bhedsawnarya adchanibabat upayyojna	Kisanshakti	Feb. 2004	15 – 18	Dr. Nitin Markandeya
	Janavaranchya chavanya : Mansikta badalnyachi garaj	Kisanshakti	Feb. 2004	40 – 41	Dr. Nitin Markandeya
	Dudh vyavsayatil faydyasathi pashuaharache mahatwa	Kisanshakti	Feb. 2004	54 - 58	Dr. Nitin Markandeya
	Shakti ani samrudhiche pratik : Ghoda	Baliraja	March 2004	121 - 122	Dr. Nitin Markandeya
	Deshi kutryanchya shudha paidas ani vikasakarita prayatnanchi garaj	Baliraja	March 2004	123 – 125	Dr. Nitin Markandeya
	Ghaban wa dhudhal janawarana jasticha khurak denyacha fayda	Godwa	Sept. 2003	107	Dr. A.B. Kanduri
Dept. of Nutrition	Bater pakshyanche ahar vyavasthapan	Baterpalan prashikshan pustika	Dec. 2003		Dr. A.B. Kanduri
	Dushkalat mendhyanche ahar vyavasthapan	Mendhipalan prashikshan pustika	Dec. 2003		Dr. A.B. Kanduri

D) <u>Local publications</u>:

Department	Title / Subject	Name of daily	Date	Page No.	Author
	Sarva gul sampana deoni valu	Dainik Solapur Tarun Bharat		44	Dr. Nitin Markandeya
Dept. Gynaecology & Obstetrics	Mhashichi unhalyat ghyavayachi kalji	Dainik Yekmat	20.04.03	4	Dr. Anil Patil
	Gayinchya garbhachi kalje kashi ghyal?	Dainik Yekmat	29.04.03	4	Dr. Anil Patil

E) Radio and T.V. talks-

Dept.	Title/ Subject	Author	Station	Date	
	Janavaratil sansargajanya rog	Dr. Anil	AIR,	23.07.03	
Department	Janavaratn sansargajanya 10g	Bhikane	Parbhani	23.07.03	
of Medicine	Janavaratil ushmaghat	Dr. Anil	AIR,	10.02.04	
	Janavaratii usiimagnat	Bhikane	Parbhani	10.02.04	
	Deoni jatichya gayivishyi	Dr. Nitin	AIR,	05.04.03	
Dont	Deom janenya gayivishyi	Markandeya	Parbhani	03.04.03	
Dept. Gynaecology	Pryavaran ani janavare	Dr. Nitin	AIR,	11.04.03	
& Obstetrics	Fryavaran am janavare	Markandeya	Parbhani	11.04.03	
& Obsteries	Ushnatecha tan ani janavaranche	Dr. Nitin	AIR,	11.03.04	
	vyavasthapan	Markandeya	Parbhani	11.03.04	
	Panyachi kamtarta	Dr. G.U. Yadav	AIR,	09.04.03	
Dept. of Surgery	Panyaciii kaintarta	DI. G.O. Tadav	Parbhani	09.04.03	
	Bird Flew, Unhali ajar, Vat,		AIR,		
Suigery	Khacchikarn, akhadya vastu	Dr. G.U. Yadav	Parbhani &	2004	
	adkane, Dolyanche ajar		E-TV marathi		

2. Practical demonstrations :

D (¥7911	D (Number of	Farmers
Dept.	Village	Date	Deworming	Spraying
	Halli	18-08-03	53	94
	Bhramwadi	29-08-03	91	75
	Nalgir	12-09-03	45	70
	Kumtha	17-09-03	88	52
	Chichondi	03-10-03	84	196
	Dongarshelki	15-10-03	32	35
	Hadolti	18-10-03	88	165
	Javalga	31-10-03	12	&
D	Wadhona	07-11-03	67	72
Department of Medicine	Jamb	14-11-03	20	&
Medicine	Dongargaon	19-11-03	35	26
	Naygaon	21-11-03	82	134
	Gangapur	25-11-03	52	64
	Madlapur	16-12-03	43	48
	Satala	13-01-04	176	78
	Ujed	24-01-04	61	46
	Poharegaon	26-01-04	145	147
	Gudsur	03-03-04	42	32
	Tiruka	16-03-04	65	&
Dept. of Nutrition	Prayogshalet			
	murbghas tayar karne			
	wa urea prakriya			

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	Place	Period	Date	Participants
Dept. of LPM, Genetics,	Gramin	Modlonur	15 - 24		25 woman
Biochemistry, Nutrition,	Mahilansathi	Madlapur	Dec.		25 women

Gynaecology	baterpalan		2003		
Dept. of LPM, Genetics,	Gramin		08 - 17		
Biochemistry, Nutrition,	Mahilansathi	Tiruka	Mar.		25 women
Gynaecology	meshpalan		2003		
Dept. of L.P.M.	Manavlok	Ambajogai	24 - 25		50
Dept. of L.I .WI.	Manaviok	Ambajogai	Feb. 2003		30
	Dugdha				
	vyavasay	Nagpur		11.05.03	100
	Vyavasthapan				
	Dugdha	Daul			
	vyavasay	(Wadhona)		28.05.03	150
	Vyavasthapan	(vv adriolia)			
Dept. Gynaecology &	Prajanan	Warna		23.10.03	900
Obstetrics	vyavasthapan	(Kolhapur)		23.10.03	700
	Dudhal	Nagapur,			
	gayinche	(Dist.		04.01.03	100
	vyavasthapan	Beed)			
	Dugdha		24.02.04		
	vyavsayatil	Ambajogail	to		50
	sudharana		25.02.04		

5. Veterinary exhibitions: Nil

6. Visit to dairy farms

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

7. (a) Animal Health Camps:

Dept.	Place	Date	No. of Animals Treated	Subject	Organizer
	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		
Department	Dongarshelki	15-10-03	231		
of Medicine	Hadolti	18-10-03	567		
and	Javalga	31-10-03	103		
Teaching Veterinary	Wadhona	07-11-03	405		
Clinical	Jamb	14-11-03	55		
Complex	Dongargaon	19-11-03	182		
1	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	Poharegaon	26-01-04	1006		
of Medicine	Gudsur	03-03-04	200		
and TVCC	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	Chaan	Doy in chaon	Mukramabad	01.11.2003
Teaching Veterinary	Sheep	Pox in sheep	Mukramadau	01.11.2003
Clinical Complex				

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 :

12. 011	12. Other information related to Extension programme.					
Sr. No.	Department	Information related to Extension				
1	Department of Medicine and Teaching Veterinary Clinical Complex	 Participated in livestock shows in Latur and nearby districts organized by Government agencies, Yatra & local committees. Participated in training programmes organized by MCED and DIC Telephonic consultancy to farmers, LDO's, LSS and other field Veterinarians. Diagnostic services to farmers, LDO's, LSS and other field Veterinarians. 				
2	Dept. of LPM	 Articles in technical booklet on quail farming. 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

${\bf 1) \ Student \ strength \ of \ college \ and \ actual \ admissions:}$

Sr. No.	Name of the College	Year	Total	students	Actual admissions	
NO.			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 :

		Scholars				
Sr. No.	Name of the College	G.O.I. Scholarship	Mharashtra Govt. scholarship	Other	Concession in tuition fees	
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		sing grad students 2 nd class		Total pass students
1	College of Veterinary & Animal Sciences, Udgir	2003 - 04	125	100	17	00	117

MAFSU, Sub-center & Cattle Breeding Farm, Udgir

Information of Breeding farm/Livestock Instructional farm/Research station Year 2003-04

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

Department	Particulars	Cross-bred	Deshi
	Total No. of animals	Nil	59
	Total Female		33
	Total Male		02
MAFSU, Sub-	Total Breeding male		02
center, Udgir	Animals below 6 months		21
	Animals above 6 months		03
	Total No. of lactating animals		20
	Total No. of dry animals		13
	Total No. of animals	Nil	108
	Total Female		72
	Total Male		36
Cattle Breeding	Total Breeding male		02
Farm, Udgir	Animals below 6 months		15
	Animals above 6 months		61
	Total No. of lactating animals		18
	Total No. of dry animals		12

MAFSU, Sub-center, Udgir

Information of other species	:-	
0 1 1 0		

Osmanabadi Goats :- Total No. - 43 Male - 03

Female - 33

 $(Milking-10\ and\ Dry\ \&\ Pregnant-23)$

Kid - **07**

(Male - 02 and Female - 05)

Cattle Breeding Farm, Udgir

Information of other	species :-	

Osmanabadi Goats :- Total No. - 55 Male - 16

Female - 39

Dekkani sheep :- Total No. - 65

Male - **16** Female - **49**

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 F	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 :- 3890.59 lit.

2) Other income from Farm :- 99000/- (Poultry sale)

Cattle Breeding Farm, Udgir

C) Farm Production

1) Total Milk production :- 202180/-2) Other income from Farm :- 240402/-

MAFSU, Sub-center, Udgir

D) Annual income

1) From sale of Milk :- 34056/-

2) From sale of other products :- Poultry and Cattle manure used

for agriculture land of Farm

Cattle Breeding Farm, Udgir

D) Annual income

1) From sale of Milk :- 202180/2) From sale of other products :- 240402/3) Total Income :- 442582/-

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-Center, Udgir COLLEGE OF VETERINARY AND ANIMAL SCIENCES, UDGIR

ANNUAL REPORT

Research Achievements - Year 2002- 2003

Nil

:-

1) The research report

2) Research papers published

S.N.	Dept	Author	Title	Journal	Year	Vol.	Page No.
1	MAFSU	Dr. B.N. Ambore	Clinical Ketosis in Buffalo (Bubalus bubalis)	Polivet	2003	41/421/2	196 & 199
2	Sub-Center, Udgir	Dr. S.A. Dhaware	Genetic and phenotypic studies in some economic traits of Khillar cattle	Journal of BVC, Mumbai	2003	11 ¹ / ₄ 1 o 2 ¹ / ₂	30 & 32

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

MAFSU Sub-Center, Udgir EXTENSION ACTIVITIES

Information on Extension activities during the Year 2002-2003

1	D.	L	1:,	-4	-	~	
1.		นม	110	ati	OH	S	•-

A) <u>Leaflets published</u> – **Nil**

B) Books published – Nil

S.N.	Dept	Name of book	Author
1			Dr A.U. Bhikane, Dr. N.M.
	MAFSU Sub-Center, Udgir	Mendhipalan	
	WATSO Sub-Center, Ough	Menumparan	Markandeya and
			Dr. B.N. Ambore

C) <u>Local publications</u> – **Nil**

D) Radio and T.V. talks

– Nil

Dept	Subject	Author	Date	Center
	Bloat in Animals	Dr. B.N.	10-02-04	AIR,
MAFSU Sub-	Bloat III Allilliais	Ambore	10-02-04	Parbhani
Center, Udgir	Contribution of animals in	Dr. Y.T.	20-08-03	AIR,
	milk production	Deshmukh	20-08-03	Parbhani

2. Practical demonstrations

S.N.	Dept	Name of the Village	Date	No. of Farmers	
				Deworming	Spraying
1	MAFSU Sub- Center, Udgir			260	325

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

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

(a) No. of animals vaccinated in Hospital/Farm – 29

(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

Following staff have been participated in a seminar and group discussion on Bird Flu organized by Veterinary College, Udgir.

Sr. No.	Author	Title of Seminar	Organizer	Place	Period
1	B.N. Ambore	Historical & current	Vet. College,	Udgir	02.04.04
		background of Bird Flu	Udgir		

11. Programme/function held

– Nil

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.