

ANNUAL REPORT 2010-11

Research Achievement

Give completed project only

1) The research report should be prepared as below

1)	Department of Veterinary Medicine	
A	Title of the project No. 1	Behavioural study of captive wild felids of <i>Sidharth Zoo, Aurangabad</i>
B	Date of Sanction of the project	March 2010
C	Name of the Research Worker	Dr. S. S. Ghoke, Dr. K. B. Awaz and Dr. A. U. Bhikane
D	Objective of the project	<ol style="list-style-type: none">1. To study normal movements under the cover and in exercise area2. To study behavioural disorders in felids if any3. To observe the animal while feeding, space utilization in cover and in exercise hold4. To make attempt to rectify any abnormal behaviour through better managerial practices
E	Summary of the project	<ol style="list-style-type: none">i. In lion and tiger tearing of meat was done first before eating.ii. Lion and tiger consume the feed intermittentlyiii. Lion, tiger take large pieces of meat from the bulk, shift it and then consume itiv. Lion eat in sitting posture with hind legs tucked up and fore legs extendedv. Food anticipation behaviour like increased pacing was markedly noted in tiger and lion before arrival of food vehiclevi. In lion, smelling and licking of meat before starting of eating was pronounced.vii. Feeding the next day after fasting day (every Tuesday), tiger and lion showed different degrees of interest in drinking water first and then going for eating.viii. No appreciable changes in behaviour was observed on the day of fasting in all the animal and they spent most of the time in resting during the day.ix. All the animals were sleeping in day time during (9AM to 6PM) intermittently and they prefer shading place for sleeping most of the timex. Sleeping and resting was more in summer and winter than in monsoon season while pacing activity was more pronounced in monsoon season.xi. In both species, pacing activity was followed by a period of restingxii. Vocalization was found more in winter than in summer both during morning and also during feeding.xiii. Not found much effects of different sound in exercise or cover area in lions and tiger during study period.xiv. Effecting of light in cover as well as in exercise

		area was also not having any profound effect, even during monsoon season as such in both the species. xv. Effect of temperature especially in summer was observed in both the species as the animals preferred area in shade for sleeping and sitting. Although animals in cage were more comfortable during summer season due to provision of air cooler. xvi. No behaviour disorder was found in any of the captive wild felids in <i>Sidharth Zoo</i> during the study period.
F	Conclusion	Same as Summary of the project
G	Recommendation	Nil
A	Title of the project No.2	Prevalence of Johnes Disease in Bovine of <i>Udgir tehsil</i>
B	Date of Sanction of the project	March 2010
C	Name of the Research Worker	Dr. S. S. Ghoke, Dr. K. B. Awaz and Dr. A. U. Bhikane
D	Objective of the project	1. To record the prevalence of Johnes disease in the area
E	Summary of the project	Total 43 bovines suspected for Johnes disease, screened with Single Intra Dermal (SID) test were found to be negative in the area, thus the prevalence of Johnes disease in the suspected cases was found to be nil.
F	Conclusion	Same as Summary of the project.
G	Recommendation	Nil
A	Title of the project No. 3	Aetiology, clinico-pathology and treatment of Pica in Bovine
B	Date of Sanction of the project	March 2009, Post Graduate Research work
C	Name of the Research Worker	A. S. Lengare, Dr. A. U. Bhikane and Dr. K. B. Awaz
D	Objective of the project	1. To study the incidence rate of pica in bovine in Udgir and surrounding area. 2. To classify the aetiology of the pica in bovine. 3. To record clinical signs in pica affected bovine. 4. To estimate the haematological picture in pica affected bovine. 5. To observe biochemical changes in pica positive cases in bovine. 6. To develop suitable therapeutic regimen for treatment of pica in bovine.
E	Summary of the project	i. An overall incidence of pica in cattle and buffaloes was found to be 4.94% and 3.68%, respectively. ii. Month wise analysis of clinical cases of pica showed maximum occurrence from January to May iii. Season wise highest incidence was noted during summer season. iv. Age wise incidence was suggestive of higher

		<p>incidence in adult bovine than young</p> <p>v. Sex wise higher incidence was observed in females as compared to males</p> <p>vi. Breed wise higher incidence was recorded in Red Kandhari cattle and graded buffaloes</p> <p>vii. The haematological parameters were suggestive of low Hb, PCV and TEC</p> <p>viii. Serum biochemical analysis revealed significant decrease in Ca, P, Na, Fe and total protein.</p> <p>ix. Pica was mainly associated with worm load and nutritional deficiency in young and adult bovine, respectively.</p> <p>x. Chelated mineral mixture (Each 100 gm of Dosmin contains Calcium – 30 gm, Phosphorus – 9 gm, Magnesium – 2.15 mg, Iron - 127.2 mg, Iodine – 15.6 mg, Cobalt – 5.9 mg , Copper – 40.6 mg, Zinc – 213 mg, Selenium – 4 mg, Live yeast culture – 500 mg, L – Lysine mono Hcl – 440 mg and DL – Methionine – 200 mg) @ 50 gm in adult and @ 15 gm in young animals P.O. daily for 15 days or till recovery proved more effective than mixture containing P-24.5 gm, Na-18.34 gm, K-19 mg, Cu-192 mg, Co-40 mg, Fe-598 mg and iodine-59 mg/100 gm, @ 50 gm in adult and @15 gm in young animals P.O. daily for 15 days or till recovery was found to be effective than plain mixture.</p>
F	Conclusion	Same As Summary
G	Recommendation	Chelated mineral mixture (Each 100 gm of Dosmin contains Calcium – 30 gm, Phosphorus – 9 gm, Magnesium – 2.15 mg, Iron - 127.2 mg, Iodine – 15.6 mg, Cobalt – 5.9 mg , Copper – 40.6 mg, Zinc – 213 mg, Selenium – 4 mg, Live yeast culture – 500 mg, L – Lysine mono Hcl – 440 mg and DL – Methionine – 200 mg) @ 50 gm in adult and @ 15 gm in young animals P.O. daily for 15 days or till recovery proved more effective than mixture containing P-24.5 gm, Na-18.34 gm, K-19 mg, Cu-192 mg, Co-40 mg, Fe-598 mg and iodine-59 mg/100 gm, @ 50 gm in adult and @15 gm in young animals P.O. daily for 15 days or till recovery along with deworming (Albendazole @ 10 mg/kg Orally) on first day (in worm load positive cases), hence recommended for the treatment of pica in bovine.
2)	Department of:CBF	
A)	Title of the project	“Studies on comparative efficacy of Multi-nutrient Feed Block (Pashu Aahar Battika) in Deoni cattle affected with pica”.
B)	Date of sanction of project	---
C)	Name of the research worker	Dr. V.M. Salunke, Dr. M.S.Mendhe, A.S. Lengare, V.S. Waskar and A.U. Bhikane

D)	Objectives of the project	To study the comparative efficacy of Multi-nutrient Feed Block (Pashu Aahar Battika) with mineral mixture in animals suffering with pica. To study the biochemical & haematological profile of animals suffering from pica.
E)	Summary of the project	The present study was conducted on Deoni cows at the Deoni Cattle and Osmanabadi Goat Research Centre. The hypophosphatemic Deoni animals showing the clinical symptoms of pica were divided into two groups comprising 6 animals in each group. Animals of group I were supplied mineral mixture (Milkmin, Zydus AHL, Ahmedabad) with concentrate feed, while the animals of group II were provided Multi-nutrient Feed Block (Pashu Aahar Battika) received from CAZRI, Jodhpur with cattle feed (300 gm/animal/day). The biochemical parameters like Serum inorganic phosphorus, calcium, potassium, chloride, sodium, iron & total proteins were estimated on biochemical analyzer. The haematological studies (total leukocyte count, total erythrocyte count and haemoglobin (Hb)) & summary score of the clinical parameters were carried out. Statistical analysis was carried out as per the methods described by Snedecor and Cochran (1994).
F)	Conclusion	The signs of pica such as licking of hair coat of other animals and chewing of inanimate objects suggestive of phosphorous, iron, calcium deficiency were significantly reduced after the treatment. Almost all clinical manifestations were disappeared after 21 days of treatment in animals receiving Pashu Aahar Battika and comparatively better performance was seen.
G)	Recommendation	Nil
3)	Department of Physiology	
A)	Title of the project	Adaptation and Facilitation of Livestock to Impending Climatic Changes through Shelter Management
B)	Date of sanction of the project	2009-10
C)	Name of the research worker	Dr. S.S.Kulkarni, Professor, Department of Physiology
D)	Objectives of the project	1. Development of information on climate, climate maps and shelter designs used in specific areas/agro climatic conditions of India. (All Centers) 2. Assessment of qualitative and quantitative changes in milk, meat, wool and work due to temperature changes and variations. (All respective centers) 3. Assessment of thermal load, heat loss and analysis of thermal balance in different breeds. 4. Determination of thermal alleviation needs of Indian livestock in specific areas/agro climatic conditions.

		Maharashtra State: Cattle and Buffalo
E)	Summary of the project	<p>A survey of shelter conditions in twelve villages near Udgir area has been accomplished.</p> <p>The data collections of climatic parameters for determination of climatic profile of Udgir and surroundings is being undertaken since 2000 by the IMD recognized observatory in the Dept. of Physiology, COVAS, Udgir.</p> <p>The survey work, biometrical & physiological parameters, haematological and blood biochemical estimations and comparisons of results of these parameters in various types of housing systems as well as assessment of the productive performance of farm animals are completed for animals in twelve villages and CBF, COVAS, Udgir. Also the survey, data collection and blood collection from the outskirts of Marathwada and other regions of Maharashtra are awaited; which will be undertaken in the next phase in this year 2011-12.</p>
F)	Conclusion	<ol style="list-style-type: none"> 1. The data of weather parameters have shown that the climatic profile of the area is semi arid steppe climate and sub humid on the basis of humidity. 2. The farmers in the villages covered so far are mostly marginal farmers/ animal owners and keep as an average 6 – 7 animals. 3. The shelter provided to animals is on the basis of traditional concepts and excepting few (traditional) seasonal modifications, no rectifications with weather or climatic considerations are applied. Commonly, the shelters are provided at the backyard or under the tree, on roadside or by making meager arrangements. Also, the animals are kept with <i>insufficient floor space in many shelters, mediocre ventilation</i>. Hence, improvement in attitude seems to be essential. 4. The milk production in cow was affected significantly to show increase in the post monsoon season than in any other season. However, there was no effect of seasonal change on milk production in buffaloes.

G)	Recommendation	<p>The animal farming in the area being mostly on the traditional concepts, it is essential to change the attitude of the folk for rearing animals by considering the needs of changing climate. Hence an awareness among farmers should be raised by conducting regular campaigns / meetings / seminars on this aspect.</p> <p>The shelters provided need to be given a flexible modified outlook, by - increasing roof height increasing the floor space increasing ventilation provision of modifications in shelters as per the weather / climate changes.</p> <p>A continuous and consistent effort should be started for orientation of amelioration in this aspect by forming a cell on university level for survey and advice.</p>
4)	Department of: Veterinary Microbiology, COVAS, Udgir	
A)	Title of the project :1	Efficacy trial of inactivated reovirus vaccine (against MAS) in broilers
B)	Date of sanction of the project	05.07.2010
C)	Name of the research worker	Awandkar S.P., Moregaonkar S.D., Manwar S.J. and Badukale D.M.
D)	Objectives of the project	<p>To estimate serum antibody titers against malabsorption syndrome in three day old chicks as an alternative to vaccinated broiler breeder hen titers.</p> <p>To determine the efficacy of reovirus vaccine (Inactivated) against malabsorption syndrome using challenge (with homologous strain of reovirus) - protection studies.</p> <p>To study the reovirus specific symptoms and lesions in vaccinated and unvaccinated broilers after challenge.</p> <p>To study the effect of challenge on overall health of the vaccinated and unvaccinated broiler birds.</p>
E)	Summary of the project	<p>All the chicks hatched from vaccinated parents (Group C) and unvaccinated parents (Group D) were tested for antibody titers against used strains of reovirus by SNT on day 03 after hatch. The results showed elevated serum antibody titers of chicks hatched from vaccinated parents while these titers were absent in chicks hatched from unvaccinated parents. It suggests induction of passive immunity in chicks hatched from vaccinated (Avian Reo, Vaccine Inactivated, Bivalent Batch-TRKV01) parents.</p> <p>All the birds hatched from vaccinated (Group C) and un-vaccinated (Group D) parents were challenged with virulent reovirus (Malabsorbtion Strain) at the age of day three. The results of the challenge-protection study indicated no development of malabsorption specific symptoms and lesions in chicks hatched from vaccinated parents (F1 progeny) and the chicks hatched from unvaccinated parents</p>

		<p>showed development of malabsorption specific symptoms and lesions. This indicates that the passive immunity transferred from the vaccinated parents protected the F1 progeny from virulent reovirus infection.</p> <p>No mortality was observed in both the groups before and after challenge.</p> <p>The poor growth, feed intake and FCR were recorded in group D as compared to group C at the end of the experiment.</p> <p>Significant decrease was recorded in haemoglobin, MCHC and total leucocytic count while MCV was increased significantly in group D when compared to group C.</p> <p>Significant decrease was recorded in serum proteins, iron and calcium in group D when compared to group C.</p> <p>The relative weights of kidney, brain and cecal tonsils were found to be significantly increased while that of thymus and bursa were significantly decreased in group D after challenge. However, no significant differences were recorded in relative weights of proventriculus, gizzard, liver, heart, pancreas, small intestine, large intestine and cecum of birds hatched from vaccinated and unvaccinated parents after challenge. The relative intestinal length showed no significant difference between group C and D during this trial.</p> <p>After 14th day post challenge, tissue samples were collected from both the groups C and D for histopathological study. The results revealed that the tissue samples from birds hatched from vaccinated parents did not showed specific microscopic lesions indicating malabsorption. The tissue samples from birds hatched from un-vaccinated parents showed typical microscopic lesions indicating malabsorption. The histopathological observations of the present study further comply with challenge test.</p>
F)	Conclusion	The results obtained in the present study suggest that the vaccine (Avian Reo, Vaccine, Inactivated, Bivalent - Trial Batch No. TRKV 01/10) used was found to protect the chicks obtained from vaccinated parents (passive immunity) from malabsorption syndrome strains of reovirus.
G)	Recommendation	The vaccine (Avian Reo, Vaccine, Inactivated) is recommended in parents to prevent malabsorption syndrome in F ₁ generation.
A)	Title of the project : 2	Efficacy trial of inactivated reovirus vaccine (against TSS) in broilers
B)	Date of sanction of the project	05.07.2010

C)	Name of the research worker	Awandkar S.P., Moregaonkar S.D., Manwar S.J. and Badukale D.M.
D)	Objectives of the project	<p>To estimate serum antibody titers in broilers vaccinated with reovirus vaccine (Inactivated) against tenosynovitis syndrome.</p> <p>To determine the efficacy of reovirus vaccine (Inactivated) against tenosynovitis syndrome using challenge (with homologous strain of reovirus) - protection studies.</p> <p>To study the reovirus specific symptoms and lesions in vaccinated and unvaccinated broilers after challenge.</p> <p>To study the effect of challenge on overall health of the vaccinated and unvaccinated broiler birds.</p>
E)	Summary of the project	<p>The pre-vaccination sera samples of Group A and B tested by serum neutralization test were found to be free from specific antibody titers against used strains of reovirus. This indicated that the birds used in this experiment were free from reovirus infection and/or vaccination before the start of the experiment. More than 80 % birds from group A showed marked rise in serum antibody titers against used reovirus strains at 28th day post vaccination with inactivated reovirus vaccine (Batch-TRKV01). The un-vaccinated birds from group B were found to be free from such antibodies. This indicates that the vaccine (Avian Reo, Vaccine Inactivated, Bivalent Batch-TRKV01) used in this study induced protective immune response in the susceptible birds after vaccination.</p> <p>All the birds from vaccinated group A and un-vaccinated group B were challenged with virulent reovirus (Tenosynovitis Strain) on 28th day post vaccination (Avian Reo, Vaccine Inactivated, Bivalent Batch-TRKV01). The results revealed that more than 80 % birds from vaccinated group A were protected and did not developed specific lesions while all the birds from unvaccinated group B developed specific symptoms at the end of the experiment. This indicates that the vaccine (Avian Reo, Vaccine Inactivated, Bivalent Batch-TRKV01) used in this study protected the birds against virulent avian reovirus infection.</p> <p>No mortality was observed in vaccinated group before and after vaccination.</p> <p>No significant difference was recorded in different growth parameters, feed intake and FCR of birds from vaccinated group A and un-vaccinated group B at the end of the experiment.</p> <p>Non significant decrease was recorded in total erythrocytic count, haemoglobin and lymphocytes while total leucocytic count was reduced significantly in group B when compared to group A.</p>

		<p>Non significant decrease was recorded in serum proteins, iron and calcium in group B when compared to group A.</p> <p>After 14th day post challenge, tissue samples were collected from both the groups A and B for histopathological study. The results revealed that the tissue samples from vaccinated birds did not show specific microscopic lesions indicating tenosynovitis. The tissue samples from un-vaccinated birds showed typical microscopic lesions confirming tenosynovitis. The histopathological observations of the present study comply with challenge test.</p>
F)	Conclusion	<p>The results obtained in the present study suggest that the vaccine (Avian Reo, Vaccine, Inactivated, Bivalent - Trial Batch No. TRKV 01/10) used was found to protect the vaccinated chicks (active immunity) from tenosynovitis syndrome strains of reovirus.</p>
G)	Recommendation	<p>The vaccine (Avian Reo, Vaccine, Inactivated) is recommended to prevent tenosynovitis syndrome in broiler chicks.</p>
A)	Title of the project : 3	Characterization Of Mastitic <i>Staphylococci</i> Isolated From Subclinical And Clinical Mastitis
B)	Date of sanction of the project	--
C)	Name of the research worker	Awandkar S.P., Moregaonkar S.D., Kulkarni M.B.
D)	Objectives of the project	<p>To isolate Staphylococci from the cases of mastitis.</p> <p>To screen these isolates for antibiogram studies.</p> <p>To cluster the isolates using dendrogram studies.</p>
E)	Summary of the project	<p>The <i>Staphylococcus aureus</i> isolates (n=24) were isolated from the cases of clinical and subclinical cases of bovine mastitis from different parts of Latur district of Maharashtra State. These isolates were subjected to antibiogram studies using readymade antibiotic discs (M/s. Hi-media Laboratories, Mumbai) and standard disc diffusion method as described by Miles and Amyes (1996). The sensitivity and resistance patterns for each isolate were recorded by comparing the diameter of zone of growth inhibition with the zone diameter interpretation chart provided by the manufacturer of the antibiotic discs.</p> <p>The sensitivity and resistance patterns were scored as sensitive (3), moderately sensitive (2), less sensitive (1) and resistant (0).</p> <p>The scores obtained from the antibiogram studies were subjected for analysis with a computer package STATISTICA. The dissimilarity matrix was obtained using Squared Euclidean Distance (SED) that estimated all pair wise differences in the sensitivity patterns (Sokal and Sneath, 1973) and the dendrogram was computed</p>

		<p>based on Wards method of clustering.</p> <p>The antibiogram profiles of <i>S. aureus</i> were highly variable. The antibiotics ciprofloxacin, gentamicin, doxycycline, amikacin and enrofloxacin were found highly effective. The dendrogram analysis divided <i>S. aureus</i> isolates in two different clusters and provided the relatedness among them. The study signified the selection of proper antibiotics in therapy of mastitis.</p>
F)	Conclusion	<p>The dendrogram analysis divided <i>S. aureus</i> isolates in two different clusters and provided the relatedness among them.</p> <p>The study signified the selection of proper antibiotics in therapy of mastitis.</p>
G)	Recommendation	The antibiogram patterns differ in different areas in the cases of mastitis caused by <i>Staphylococci</i> .
A)	Title of the project :4	Antobacterial Activity Of <i>Glyceriza Gabra</i> Against Mastitic <i>Staphylococci</i>
B)	Date of sanction of the project	--
C)	Name of the research worker	S P Awandkar, A P Somkuwar and M B Kulkarni
D)	Objectives of the project	<ul style="list-style-type: none"> ♦ To screen the aqueous and ethanolic extracts of roots of <i>G. Gabra</i> for antimicrobial activity against mastitic <i>Staphylococci</i>.
E)	Summary of the project	<p>25% aqueous and ethanol extracts of roots of <i>Glycyrrhiza glabra</i> were obtained by cold extract method.</p> <p>Extracts impregnated on sterile discs @ 30 µl/disc.</p> <p>The isolated mastitic <i>Staphylococci</i>, grown in nutrient broth, were spread on the surface of MH Agar surface.</p> <p>Antibiotic sensitivity test was carried out by Standard disc diffusion method. (Negative controls - discs soaked in both solvents). The agar (MHA) plates were incubated at 37⁰C for 24 hrs.</p> <p>Zones of inhibition were measured in mm and recorded.</p> <p>1. Aqueous extract 18 mm diameter of zone of growth inhibition</p> <p>2. Ethanol extract 12 mm diameter of zone of growth inhibition</p>
F)	Conclusion	Cold aqueous extract of roots of <i>Glycyrrhiza glabra</i> showed more antibacterial activity than cold ethanolic extract.
G)	Recommendation	NIL

2) Research paper published :

Sr. No.	Name of the department	Title of research paper	Name of Research Journal	Vol. & Issue No.	Page No.	Author (s) name
1	Vet. Medicine	Clinical assessment and treatment schedule for hepatitis in bovines: A clinical study	Intas Polivet	2010	--	Bhikane, A. U., Ghoke, S. S., Masare, P. S., Sayed, A. M. and Awaz, K. B.
2	Vet. Medicine	Efficacy of herbomineral formulation in prevention and treatment of Subclinical Mastitis in Crossbred cows	Veterinary Practitioner	2010	--	Bhikane, A. U., Masare, P. S., Sayed, A. M., Ghoke, S. s. and Awaz, K. B.
3	Vet. Medicine	Clinico-therapeutic aspects of bacterial diarrhea in bovines	Intas Polivet	2010	--	Devakate, B. R., Bhikane, A. U., Bhonsale, A. V., Awaz, K. B. and Syed, A. M.
4	Vet. Medicine	Comparative efficacy of chelated and conventional mineral preparation in lactating buffaloes.	IVJ	2010	--	Ghadge, H. R., Bhikane, A. U., Hase, P. B. and Thorat, M. G.
5	Vet. Medicine	Comparative efficacy of inorganic and organic phosphorous preparations in chronic phosphorous deficiency in Deoni cattle.	Intas Polivet	2010	--	Salunke, V. M., Mendhe, M. S., Bhikane, A. U., Gaikwad, N. Z. and Waskar, V. S.
6	Vet. Medicine	Prevalence, etiology and antibiogram of subclinical mastitis in crossbred cows.	Veterinary Practitioner	2010	--	Bhikane, A. U., Awandkar, S. P., Hase, P. B., Sayed, A. M., Ghoke, S. S. and Awaz, K. B.
7	Vet. Medicine	Mineral profile of lactating Marathwadi Buffaloes	Veterinary Practitioner	2010	--	Ghadge, H. R., Bhikane, A. U., Awaz, K. B. and Sayed, A. M.
8	Vet. Medicine	Parasitic Anaemia in Osmanabadi goat	Pashudhan	2011	--	Pathan, M. M., Moregaonkar, S. D. and Bhikane, A. U.

Sr. No.	Name of the department	Title of research paper	Name of Research Journal	Vol. & Issue No.	Page No.	Author (s) name
9	Animal Reproduction, Gynaecology & Obstetrics	Efficacy of fluoroquinolone in combination with alpha tocopherol to resolve non specific infections of reproductive tract of dairy animals.	Intas Polivet	January 2010	--	N.M. Markandeya, A.D. Patil, S.D. Moregaonkar and Bhonsle, A.V.
10	Animal Reproduction, Gynaecology & Obstetrics	Role of AV/UTL/17, Janova and Minitrus in fertility induction and treatment of post partum anoestrus in Osmanabadi goats	Veterinary Practitioner	June 2010	--	A. D. Patil, K. Ravikanth, Shivi Maini, D.S. Rekhe, D.S. Raguwanshi and U.B. Kumbhar
11	Animal Reproduction, Gynaecology & Obstetrics	Efficacy of PGF2 alpha with oxytetracycline in toxic puerperal metritis in cows	Veterinary Practitioner	December 2010	--	U.B. Kumbhar, D.S. Raguwanshi A. D. Patil
12	Vet. Pathology	Heat stroke in broilers	Pashudhan	June 2010	36 (6:8)	V.L.Jadhav, S.D.Moregaonkar , M.A.Khan, N.M.Bhojane and S.J.Manwar
13	Vet. Pathology	A heavy tapeworm infestation in deccani sheep	Pashudhan	February 2011	37 (2:8)	V.L.Jadhav, S.D.Moregaonkar , Naradkar B.W. N.M.Bhojane
14	Vet. Pathology	Parasitic anaemia in Osmanabadi Goat	Pashudhan	January 2011	(:8)	M.M.pathan, S.D.Moregaonkar and A.U.Bhikane
15	Vet. Pathology	Theileiosis in a H.F. crossbred cow	Pashudhan	August 2010	36 (:8)	V.L.Jadhav, S.D.Moregaonkar , N.M.Bhojane,Masare P.S
16	Vet. Pathology	Nasal Myasis in Deccani Sheep	Pashudhan	April 2010	--	N.M.Bhojane V.L.Jadhav, S.D.Moregaonkar , ,M.A.Khan and M.B. Kulkarni

Sr. No.	Name of the department	Title of research paper	Name of Research Journal	Vol. & Issue No.	Page No.	Author (s) name
17	Vet. Pathology	Animal Power : facts and future	CARTMAN	June 2010	32-39	Dr. S.D. Moregaonkar, Dr. N.M. Bhojane, Dr. V.L. Jadhav and A.M. Sonphule
18	Vet. Surgery & Radiology	Surgical management of foreign body syndrome in a dog.	Indian Vet. Journal	2010	918-919.	K.S. Chaudhari, S.D. Tripathi, S.S. Raut, A.R. Chauhan, L.B. Sarkate, G.S. Khandekar and S.R. Sonawane.
19	Vet. Surgery & Radiology	Transthoracic and Transabdominal approach for the Management of Diaphragmatic Hernia under sedation and local analgesia in Bovines.	Intas Polivet	2010	211-213.	V.M. Salunke, K.S. Chaudhari, S.S. Pitlawar and S.S. Khillare.
20	Vet. Surgery & Radiology	Management of intussusceptions in Bullocks- New Approach	Intas Polivet	2010	220-221	S.S. Pitlawar, V.M. Salunke, K.S. Chaudhari, G.U. Yadav and A.D. Sangame.
21	Vet. Surgery & Radiology	Management of Burn in Bovines- A Clinical study.	Intas Polivet	2010	52-53	G.U. Yadav, S.S. Pitlawar, K.S. Chaudhari, A.D. Sangame and P.S. Masare.
22	Vet. Pharmacology & Toxicology	“Phytase with Synergistic Herbs: an Option to Reduce Environmental Pollution by Partial Replacement of Inorganic Phosphorus in Broiler Ration”	International Journal of Poultry Science.	9 (4) 2010	390-394	A.P. Somkuwar, K. Ravikanth, S. Maini, D.S. Rekhe, M.K. Patil and B. V. Ballurkar
23	Vet. Pharmacology & Toxicology	“Efficacy study of Metho-chelated Organic minerals preparation feeding on milk production and fat percentage in dairy cows”	Veterinary World	4 (1) 2011	19-21	Somkuwar A.P. ¹ , Kadam A.S. ² , Shiva Kumar ^{3*} & Radhakrishna P. M ³

Sr. No.	Name of the department	Title of research paper	Name of Research Journal	Vol. & Issue No.	Page No.	Author (s) name
24	Vet. Pharmacology & Toxicology	Estrogenic activity of <i>Mucuna pruriens</i> in Swiss albino mice.	International Research Journal of Pharmacy, IRJP,	2(4) 2011	191-193	Parekar S. S. Somkuwar A. P.
25	Vet. Pharmacology & Toxicology	“Acute oral toxicity of <i>Mucuna pruriens</i> in swiss albino mice “	International Research Journal of Pharmacy, IRJP,.	2(5)2011	162-163	Parekar S. S. Somkuwar A. P.
26	Vet. Physiology	Effect of summer season on certain biochemical parameters in Deccani sheep.	Indian Vet. Journal	87 July 2010	729-730	S.S.Kulkarni, N.Z.Gaikwad and S.T.Bapat
27	Vet. Microbiology	Effect of Sodium citrate concentration on Rabies Glycoprotein quantification from Aluminium hydroxide conjugated Rabies vaccine by SRID	The Indian Veterinary Journal	2011	--	Awandkar S.P., Takarkhede R.C. and Sardar M.V.
28	Veterinary Public Health	Comparative efficacy of inorganic and organic phosphorous preparations in chronic phosphorous deficiency in Deoni cattle.	Intas Polyvet	2010 Vol. 11 (1)	44-47	V.M. Salunke, M.S. Mendhe, A.U. Bhikane, N.Z. Gaikwad and V.S. Waskar
29	Veterinary Public Health	Effect of phytoadditive Methiorep on carcass and meat quality attributes in chicken.	Internet Journal of Veterinary Medicine	2010 Vol. 8 (1)	--	V.S. Waskar, K. Ravikanth, S. Mani and D.S. Rekhe
30	Veterinary Public Health	Prevalence of microorganisms of hygienic interest in an organized in Mumbai, India.	J. Infect Dev Ctries	2010 Vol. 4 (7)	454-458	S.G. Bhandare, A.M. Paturkar, V.S. Waskar and R.J. Zende

Sr. No.	Name of the department	Title of research paper	Name of Research Journal	Vol. & Issue No.	Page No.	Author (s) name
31	Veterinary Public Health	Public health implications of pesticide residues in meat.	Veterinary World	2011 Vol. 4 (4)	178-182	V.J. Jadhav and V.S. Waskar
32	Veterinary Public Health	Meat attributes of chicken broilers raised on Coccihar - A polyherbal coccidiostat feed additive.	Animal Science Reporter	2011 Vol. 5 (1)	16-21	V.S. Waskar, P.P. Gosavi, A.A. Devangare, A.B. Kanduri, S. Mani and K. Ravikanth.

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

Sr. No.	Name of the Staff	Conference/Meeting/Workshop/Symposium, etc attended	Place	Period
1	Dr. S. S. Ghoke	ICAR Winter School on Newer Concepts and techniques in molecular and pathoanatomical diagnosis of farm animals, poultry, wildlife and laboratory animal diseases	Division of Pathology, IVRI, Izatnagar, Bareilly, UP	1st to 21st October, 2010
2	Dr. S. S. Ghoke	International Symposium on, Biotechnologies for optimization of Reproductive efficiency of Farm and Companion animals to improve global food security and human health	Department of ARGO, GBPUA and T, Pantnagar, UK	10th to 12th November, 2010
3	Dr. S. S. Ghoke	National Symposium on New Paradigms in Laboratory Animal Science in an era of Advanced Biomedical Research	CADRAD, IVRI, Izatnagar, Bareilly, UP	28th to 29th January, 2011
4	Dr. A. U. Bhikane	XI Indian Veterinary Congress and XVIII Annual Conference of IAAVR	Apollo College of Veterinary Medicine, Jaipur, Rajasthan	11th and 12th, February, 2011
5	Dr.N.V. Khode	Conference on “Changing extension perspective for effective delivery system” organized by Indian Veterinary Extension Forum	College of Veterinary Sciences, Bidar	7 th & 8 th September 2010
6	Dr.V.M. Salunke, Dr.P.V.Patil	Loose housing & augmenting feed resources.	Mumbai Veterinary college	19-20 th November 2010
7	Dr.A.D. Patil	XXVI, ISSAR Annual Convention and International Symposium	Pantnagar	November 10-12, 2010

S.N.	Name of the Staff	Conference/Meeting/Workshop/Symposium, etc attended	Place	Period
8	S.D. Moregaonkar	XIVth Technical seminar of Indian society for veterinary surgery, Nashik chapter	Rahuri Dist. Ahmednagar	5-6 Feb. 2011
9	S.D. Moregaonkar	One day seminar on “advances in health management of wild and domestic animals	COVAS, Udgir	16 th July 2010
10	Dr. V.M. Salunke	XXXIV Annual Congress of ISVS	Pudduchery	8-10 Dec, 2010
11	Dr. S. S. Pitlawar	XXXIV Annual Congress of ISVS	Pudduchery	8-10 Dec, 2010
12	Dr. A. P. Somkuwar Dr. A. A. Deshmukh Dr. B. V. Ballurkar	One day seminar on ‘Advances in health management of wild & domestic animals’	COVAS, Udgir	16 th July 2010
13	Dr. B. V. Ballurkar	A winter school on ‘Basic techniques in solid phase peptide synthesis and application of synthetic peptides in animal disease diagnosis and research’.	IVRI, Izzatnagar	22/09/2010 to 12/10/2010
14	Dr. A. P. Somkuwar	ICAR Sponsored Short Course on “ Application of molecular pharmacology techniques in drug development”	IVRI, Izzatnagar	4 th to 13 th Oct. 2010. 10 Days
15	Dr. J. Y Waghaye	XXV annual conference	Puduchery	--
16	Dr. S. P. Awandkar	IAVMISID International Conference	Raipur	27-29 Jan.2010
17	Dr. V.S. Waskar	9 th Annual Conference of Indian Association of Veterinary Public Health Specialists	Bombay Veterinary College, Mumbai.	28-29 Jan., 2011
18	Dr. P.S. Masare	XI Indian Veterinary Congress and XVIII Annual Conference of IAAVR	Apollo College of Veterinary Medicine, Jaipur, Rajasthan	Feb., 11-12, 2011

4)Paper presented by staff members of the department of conference, workshop, seminar etc. :

Sr. No.	Author	Title of paper	Organizer	Place	Period
1	Dr. S. S. Ghoke	Fur mite infestation in a Rabbit (<i>Oryctolagus cuniculus</i>) – A case Report	CADRAD, IVRI	CADRAD, IVRI, Izzatnagar, Bareilly, UP	28 th to 29 th January, 2011

S.N.	Author	Title of paper	Organizer	Place	Period
2	Dr. A. U. Bhikane	Incidence, Clinical pathology and chemotherapeutic management of Theileriosis in Cattle	Apollo College of Veterinary Medicine	Apollo College of Veterinary Medicine, Jaipur, Rajasthan	11 th and 12 th , February, 2011
3	Dr. A. U. Bhikane	Osteomalacia: An Important metabolic disorder of dairy animals	Apollo College of Veterinary Medicine	Apollo College of Veterinary Medicine, Jaipur, Rajasthan	11 th and 12 th , February, 2011
4	Dr. A. U. Bhikane	Investigation on etiology and polyherbal therapy of non-specific diarrhea in bovine	Apollo College of Veterinary Medicine	Apollo College of Veterinary Medicine, Jaipur, Rajasthan	11 th and 12 th , February, 2011
5	Bonde S.W., Warhadpande R.M., Takarkhede R.C., and Gaikwad N.Z.	Effect of herbal topical gel therapy and oral herbal therapy on the LDH levels in milk whey and plasma dairy cows suffering with subclinical mastitis	Division of Physiology & Climatology, IVRI, Izatnagar	IVRI, Izatnagar	11 th -13 th Nov. 2010
6	Thorat Kanchan, Patil A. D., Kumbhar U. B. and Raghuwanshi D. S.	Therapeutic management of pre-partum cervico vaginal prolapse	Veterinary College	Pantnagar	November 10-12, 2010
7	Patil A. D., Kumbhar U. B., Thorat Kanchan and Jagdish Yerolkar	Efficacy of different cervical dilators in cows and buffaloes	Veterinary College	Pantnagar	November 10-12, 2010
8	Patil A. D., Kumbhar U. B., Chaudhari, K.S., Pithlawar, S.S. and Thorat Kanchan	Cystic ovary in a Deoni cow: a case report	Veterinary College	Pantnagar	November 10-12, 2010
9	S.D. Moregaonkar	A post mortem in animals : diagnostic tool	ISVS Nashik Chapter	Rahuri Dist. Ahmednagar	5-6 Feb. 2011
10	S. S. Pitlawar, V.M. Salunke, S.G. Shinde & N.A. Shingate.	Unusual gastric foreign body – sewing needle as gastric foreign body in non descript dog.	XXXIV Annual Congress of ISVS,	Puduchery,	8-10 th Dec 2010.

S.N.	Author	Title of paper	Organizer	Place	Period
11	S. S. Pitlawar, V.M. Salunke, S.G. Shinde & N.A. Shingate.	Successful management of diphysis oblique femur fracture in a non descript dog.	XXXIV Annual Congress of ISVS,	Puduchery,	8-10 th Dec 2010.
12	S.S. Pitlawar, V.M. Salunke, K.S. Chaudhari, R. R. Deshmukh & A.D. Sangame	Repair of superficial digital flexor tendon of a red Kandhari bullock.	XXXIV Annual Congress of ISVS,	Puduchery,	8-10 th Dec 2010.
13	V.M. Salunke, K.S. Chaudhari, S.S. Pitlawar & A.D. Sangame.	Surgical management of tendon rupture in seven bullocks.	XXXIV Annual Congress of ISVS,	Puduchery,	8-10 th Dec 2010.
14	V.M. Salunke, S.S. Pitlawar, K.S. Chaudhari & A.D. Sangame.	Surgical management of tail gangrene in West Bengal White Tigriss.	XXXIV Annual Congress of ISVS,	Puduchery,	8-10 th Dec 2010.
15	A. P. Somkuwar M. K. Patil B. V. Ballurkar V. D. Jadhav	Anti-inflammatory activity of <i>Clerodendrum phlomidis</i> in wistar rats	Veterinary College, Pashu Chikitsa Vigyan Vishwavidyalaya Jabalpur	Jabalpur	December 2-4, 2010
16	Dr.S.S. Kulkarni Professor	Advance technology in Biochemical & Haematological Estimations in Veterinary practice.	Indian Society For Veterinary Surgery, Nashik Chapter	Rahuri, Dist. A'nagar	5 – 6 Feb. 2011
17	Dr.S.S.Kulkarni Professor	Adaptation of Indian livestock to impending climate change	Department of Livestock Production and Management, PGIVAS, Akola	Department of L P M, PGIVAS, Akola	14 - 21 March 2011
18	Dr.P.N.Thakur, Dr.N.M.Karad, Dr.J.Y.Waghaye, Dr.R.R.Mugale	Age related histomorphological study on the genitalia of female sangamneri goat	Annual convention of IAVA	Pondicherry	2010
19	Dr.R.R.Mugale Dr.J.Y.Waghaye Dr.P.N.Thakur, Dr.N.M.Karad	Histochemical studies on the abomasum of pandharpuri buffalo	Annual convention of IAVA	Pondicherry	2010
20	Dr.R.R.Mugale Dr.P.N.Thakur	Comparative histomorphological studies on the superior sisamodium ligament in Deoni cattle and pandharpuri buffalo	Annual convention of IAVA	Pondicherry	2010

S.N.	Author	Title of paper	Organizer	Place	Period
21	Dr.J.Y.Waghaye	Identification of domestic animals by PCR technique	Annual convention of IAVA	Pondicherry	2010
22	Dr.J.Y.Waghaye	Age dependent immunohistological study of spleen in goat	Annual convention of IAVA	Pondicherry	2010
23	Manwar S. J., Waskar V.S., Awandkar S. P. and Moregaonkar S. D.	Effect of different sources of drinking water and commercially treated water on the performance of broiler chicken	Conference of IPSA	Manwar S. J., Waskar V.S., Awandkar S. P. and Moregaonkar S. D.	2010
24	Sardar V.M., Takarkhede R.C., Awandkar S.P. and S.G.Jadhav	Haematological findings in Deccani sheep in relation to Brucellosis and Parasitic infections	Silver Jubilee & International Conference of SAPI at IVRI, Izatnagar, UP	Izatnagar, UP	Nov. 11 – 13, 2010
25	Bonde S.W., Warhadpande R.M., Takarkhede R.C. and Awandkar S. P.	Efficacy of strip test in diagnosis of subclinical mastitis	Silver Jubilee & International Conference of SAPI at IVRI, Izatnagar, UP	Izatnagar, UP	Nov. 11 – 13, 2010
26	Salunke, V.M., Patil, P.V., Mendhe, M.S., Waskar, V.S. & Alone, S.S.	Improved livestock farming system – Waste to wealth concept.	National Conf. on Livestock & Environment organized by CARTMAN.	Veterinary College, Bengaluru	28-29 Oct., 2010
27	Bhale V.L., Bodke, S.P., Patil, S.N. & Waskar, V.S.	Present status and future plans for progress of dairy sector in India.	National Conf. on Livestock & Environment organized by CARTMAN.	Veterinary College, Bengaluru	28-29 Oct., 2010
28	Bhale V.L., Bodke, S.P., Patil, S.N. & Waskar, V.S.	Deccani - A predominant sheep breed of Maharashtra.	National Conf. on Livestock & Environment organized by CARTMAN.	Veterinary College, Bengaluru	28-29 Oct., 2010
29	Khune, S.B., Sherikar, A.T., Sherikar, A.A., Paturkar, A.M. & Waskar, V.S.	Assessment of keeping quality of sheep/goat meat by microbiological and chemical indices.	9 th Annual Conference of Indian Association of Veterinary Public Health Specialists.	Bombay Veterinary College, Mumbai	28-29 Jan., 2011
30	Devangare, A.A., Baig, M.I., Karpe A.G & Waskar, V.S.	Characterization and plasmid profiling of lactic acid bacteria iso-lated from market samples of <i>dahi</i> .	9 th Annual Conference of Indian Association of Veterinary Public Health Specialists.	Bombay Veterinary College	28- 29 Jan., 2011

S.N.	Author	Title of paper	Organizer	Place	Period
31	Waghmare, R.N., Zende, R.J., Waskar, V.S. & Paturkar, A.M.	Comparison of chromogenic <i>L.monocytogenes</i> differential agar with PALCAM for isolation of <i>Listeria</i> spp. from milk samples.	9 th Annual Conference of Indian Association of Veterinary Public Health Specialists.	Bombay Veterinary College	28-29 Jan., 2011
32	Kulkarni, D.S., Zende, R.J., Paturkar, A.M., Waskar, V.S., Gaikwad, G.P., Chakkath, T. & Waghmare, R.N.	Detection of arsenic residues in milk by atomic absorption spectrophotometry.	9 th Annual Conference of Indian Association of Veterinary Public Health Specialists.	Bombay Veterinary College	28-29 Jan., 2011
33	Kadam, A.B., Waskar, V.S., Paturkar, A.M. & Zende, R.J.	Assessment of Hazard Analysis and Critical Control Point (HACCP) approach in pig slaughterline.	9 th Annual Conference of Indian Association of Veterinary Public Health Specialists.	Bombay Veterinary College	28-29 Jan., 2011
34	Jadhav, V.J., Waskar, V.S., Sherikar, A.T., Paturkar, A.M., Ekbote, E.U. , Zende, R.J., Vibhute, S.M. & Neminwar, P.M.	Dietary exposure of organochlorine and organophosphorous pesticide residues through consumption of meats.	9 th Annual Conference of Indian Association of Veterinary Public Health Specialists.	Bombay Veterinary College	28-29 Jan., 2011
35	Waskar, V.S., Jadhav, V.J., Sherikar, A.T., Paturkar, A.M., Ekbote, E.U. , Zende, R.J., Vibhute, S.M. & Neminwar, P.M.	Organochlorine and organophosphorous pesticide residues in fish and crustaceans.	9 th Annual Conference of Indian Association of Veterinary Public Health Specialists.	Bombay Veterinary College	28-29 Jan., 2011
36	Manwar, S.J., Waskar, V.S. & Moregaonkar, S.D.	Effects of different sources of drinking water and commercially treated water on carcass traits and meat quality of broilers.	9 th Annual Conference of Indian Association of Veterinary Public Health Specialists.	Bombay Veterinary College	28-29 Jan., 2011
37	Khune, S.B., Sherikar, A.T., Sherikar, A.A., Paturkar, A.M. & Waskar, V.S.	Application of dye reduction tests for estimation of sheep/goat meat quality.	9 th Annual Conference of Indian Association of Veterinary Public Health Specialists.	Bombay Veterinary College	28-29 Jan., 2011

S.N.	Author	Title of paper	Organizer	Place	Period
38	Gaikwad, G.P., Waskar, V.S., Zende, R.J., Chakkath, T. & Palve, S.S.	Spiking studies of poultry tissue samples for detection of residues of carbamate pesticides using LC/MS/MS technique.	9 th Annual Conference of Indian Association of Veterinary Public Health Specialists.	Bombay Veterinary College	28-29 Jan., 2011
39	Gaikwad, G.P., Waskar, V.S., Paturkar, A.M., Kulkarni, D.S., Waghamare, R.N. & Palve, S.S.	Surveillance of sheep/goat tissue for residues of carbamate pesticides using LC/MS/MS technique.	9 th Annual Conference of Indian Association of Veterinary Public Health Specialists.	Bombay Veterinary College	28-29 Jan., 2011
40	Gaikwad, G.P., Waskar, V.S., Paturkar, A.M., Zende, R.J. & Palve, S.S.	Standardization of LC/MS/MS technique for detection of residue of carbamate pesticides in tissue.	9 th Annual Conference of Indian Association of Veterinary Public Health Specialists.	Bombay Veterinary College	28-29 Jan., 2011

5) Workshop/Seminar/Summer Institute/Farmersday/conference etc. held at collage:

Sr. No.	Date	Title	Organizer	Place	Total number of participant
1	16 th July, 2010	Advances in health management of domestic and wild animals	COVAS, Udgir	COVAS, Udgir	100

6) Meeting of staff research council/joint council:

Sr.No.	No. of project discussed	Date/Place	No.of participant	Remarks
1	95	18.02.2011	56	Completed Project -26 Ongoing project -31 Proposed project -38 Total – 95 (College level Staff Research Council Meet was held for the year 2009-10)

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

Sr.No.	Title of project	Collaborating and funding Agency	Date of start of project	Date of completion
1	Strengthening & Modernization of Department of Surgery & Radiology & Training to field Veterinarians	Central Government (Through State Government)	31/08/2010	Ongoing

Sr.No.	Title of project	Collaborating and funding Agency	Date of start of project	Date of completion
2	Adaptation and Facilitation of Livestock to Impending Climatic Changes through Shelter Management	ICAR, New Delhi (Under Nodal Leadership Of Ndri, Karnal)	NOV. 2009	March, 2012
3	Efficacy trial of inactivated reovirus vaccine (against MAS) in broilers	M/s Ventri Biologicals, Pune	29.12.2010	16.07.2011
4	Efficacy trial of inactivated reovirus vaccine (against TSS) in broilers	M/s Ventri Biologicals, Pune	29.12.2010	16.07.2011
5	Efficacy trials of Futvac Vaccine in cattle and buffalo	Brilliant biological, Hyderabad	2010	Ongoing
6	Marathwadi Buffalo Research Project	Marathwada Vikas Karyakram – 2007 of Govt. Of Maharashtra (Rs. Three crores)	Year 2007	In operation till date.

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

- 1) **CBF/ILFC** -Construction of Lab cum Farmers house is completed
- 2) **Dept. of Surgery & Radiology** - Training Hall construction for LDO training
- 3) **Sub-centre** - Internet facility and small library for farmers has been established. Various scientific instruments are purchased under MAVIKA. Water supply facility has also been developed. Purchase of Marathwadi buffaloes, construction of sheds, laboratories are also proposed there under.
- 4) **TVCC** –

Sr. No.	Name of the Item/Instrument purchased	Quantity purchased
A	Laboratory equipments / Furniture	
1	USG software	01
2	Urine strip analyzer	01
3	Haemoanalyzer	01
4	Multipurpose table for Lab.	02
5	Revolving Lab. stool	25
B	Clinical Conference Hall	
1	19 seating conference table	01
2	Conference chair	32
3	Wheel chair	07
4	6 seating conference table	01
5	Water softener	01
6	Water cooler	01

Sr. No.	Name of the Item/Instrument purchased	Quantity purchased
C	Equipments	
1	Electronic stethoscope with software	01
2	Laryngoscope	01
3	Macroview otoscope	01
4	Ophthalmoscope	01
5	Video otoscope	01
6	Cow lift	01
7	Medicine	
8	Cushion bed for gynaecology cases	02
D	Computer	
1	Computer	01
2	Laptop	01
3	Printer	01
4	Presenter	01

9) Awards and recognitions received by staff and students...:

Sr.No.	Name of the Award/recognitions	Name of the staff/Students	Year
1	Joint secretary of IVEF, Puducherry	Dr.N.V.Khode	2010
2	NET (ASRB) qualified	Dr.N.V.Khode, Dr. D.M.Badukale Dr.P.V.Patil, Dr.M.S.Mendhe Dr.N.M.Bhojane	2010
3	Best poster presentation	Dr. J. Y. Waghaye	2010
4	Best Poster Award (First Prize) at XXXVII Dairy Industry Conference held at Bengaluru	S.S. Bhandare, V.S. Waskar, A.A. Devangare, P.P. Gosavi, A.K. Verma, R. Banerjee and S.S. Daga	2010
5	Fellow of Indian Association of Veterinary Public Health Specialists (FIAVPHS) held at Mumbai.	V.S. Waskar	2011

LIBRARY:

Sr.No.	Item	Total new book added in the year	Total Nos.
1	Books		4176
	purchased during the year	92	
	received by gratis	01	
	received from MAFSU	00	
	Theses	07	
2	Books under Social Welfare Book Bank Scheme	00	1050
3	Maps	--	04
4	Serials/journals / magazines		255
	No. of journals / magazines (purchased)	12	
	No. of journals/magazines (gratis)	5	
	No. of Newspapers	14	

	Total No. of Newspapers/ magazines	31	
	Bound Back Volumes of periodicals	193	

B) Library membership

Sr.No.	Items	Number
1	Students (U.G.)	108
2	Students (P.G.)	17
3	Teachers	40
4	Non-teaching / Technical staff	22
5	Total Membership	187

C) Financial Provision and Expenditure

Sr. No.	Items	Financial provision				Total
		College	I.C.A.R.	Social Welfare Book Bank	Training & Placement Cell	
1	Books	--	1,54,042.0	--	10,000	1,64,042.00
2	Serials	15,072.00	--	--	--	15,072.00
3	Furniture	--	--	--	--	--
4	Stationary/Misc.	1,737.00	--	--	--	1737.00
5	Book Binding	14,980.00	--	--	--	14,980.00
6	T.A.	--	2200.00	--	--	2200.00
7	Conference/Training	--	3050.00	--	--	3050.00
8	Publicity	--	--	--	--	--
9	Telephone Bill	36,865.00	--	--	--	36,865.00
10	Electricity bill	10,540.00	--	-	--	10,540.00
11	Building maintenance	699.00	--	--	--	699.00
12	Computer	1000.00	--	--	--	1000.00
	Total Rs.	80,891.00	1,59,294.00	--	10,000	2,50185.00

D) Library Staff position.

Sr.No.	Designation	Pay Scale	Total Number
1	Librarian & Information Officer	15600-39100 AGP 8000	1
2	Laboratory Assistant	5200-20500	1
3	Peon	4440-7440	1

EDUCATIONAL ACTIVITIES**1) Intake Capacity and Student on roll. :**

Sr.No.	College/ Institute	Intake Capacity		Total No. Student on roll	
		UG	PG	UG	PG
01	COVAS, Udgir	27	09	72+29	13

2) Hostel Accomodation. :

Sr.No.	College/ Institute	No. of rooms available	Total accommodation available	Actual accommodation Provided
01	COVAS, Udgir	60	53	42

3) Scholarship and other facilities to student. :

Sr.No	College/ Institute	Scholarship			Concession in tuition fees.
		Govt.of India	Govt.of Maharashtra	Other (NTS)	
01	COVAS, Udgir	03(minority Scho)	63	01	11(Primary teacher/Teacher/DP/ Freeship

4) Examination Results. :

Sr.No.	Name of Examination	No.of students appeared	No.of students passed			Total no. of students passed
			I Div.	II Div.	Pass Div./cap	
01	Ist year (New) B.V.Sc.& A.H.Degree Course	27	07	03	08	17 (1 transfer)
03	IInd Year (Old) B.V.Sc.& A.H.Degree Course	08	02	04	----	06
04	IIIrd Year (Old) B.V.Sc.& A.H.Degree Course	18	16	02	-----	18
05	IVth Year (Old) B.V.Sc.& A.H.Degree Course	29	18	11	-----	29
06	Vth Year (Old) B.V.Sc.& A.H.Degree Course	29	25	04	-----	29

5) Facilities offered to academic staff members for training in India/abroad. :

Sr.No.	Name & Designation	Department & Discipline	Training Sponsored	Period	Place
NIL					

6) College/Institute function. :

Sr.No.	Programme	Date	Guest/Speaker
1	Maharashtra Din	01.05.2010	--
2	Independence Day	15.08.2010	--

Sr.No.	Programme	Date	Guest/Speaker
3	Marathwada Mukti Sangram Din	17.09.2010	--
4	University Foundation Day	03.12.2010	--
5	Republic Day	26.01.2011	--
6	Lecture on 'Impact of Climate Change on Animal Health'	26.10.2010	Dr. R.C.Upadhyay, Principal Scientist, Dairy Cattle Physiology Division, NDRI Karnal

7) Academic Staff position (No.) :

Sr. No.	College/Institute	Associate Dean	Prof .	Asso.Prof .	Asstt.Prof.	Res.Asstt./ Vet.Officer
1	COVAS, Udgir	01	05	11	21	01

8) Ministerial Staff (No.)

Sr.No.	College/ Institute	Staff & Designation				
		Class-I	Class-II	Class-III	Class-IV	Others
1	COVAS, Udgir	--	--	30	28	--

9) Information of Lower Education School/Institute (diploma courses) :

Sr. No	Name of School	Intake capacity	Student admitted		Building/ farm area	Total staff	Books in Library (Approx)
			1 st Year	2 nd Year			
1	LMDP, Sugaon, Ta. Mukhed Dist. Nanded	60	54	27	Building of school / More than 10 acres	06	46
2	LMDP, Mortalwadi Ta. Udgir Dist. Latur	60	46	26	Building of school / More than 10 acres	01	37
3	LMDP, Shirur Tajband, Ta. Ahmadpur Dist. Latur	60	54	49	Building of school / affiliation with other private farm	06	49
4	LMDP, Kolnoor Ta.Jalkot Dist. Latur	60	60	25	Building of school / affiliation with other private farm	05	30
5	LMDP, AUSA Ta.Ausa Dist.Latur	60	55	21	Building of school / affiliation with other private farm	05	31
6	LMDP, Kadlas Ta. Sangola Dist. Solapur	60	17	04	Building of school / affiliation with other private farm	07	42
7	LMDP, Nideban Ta.Udgir Dist. Latur	60	42	11	Building of school / affiliation with other private farm	07	10
8	LMDP, Shikara Ta. Mukhed Dist. Nanded	60	60	46	Building of school / More than 10 acres	07	50

S.N.	Name of school	Intake capacity	Student admitted		Building/ farm area	Total staff	Books in Library (Approx)
			1 st Year	2 nd Year			
9	LMDP, Umbadga Ta. Ausa Dist. Latur	60	33	23	Building of school / affiliation with other private farm	03	12
10	LMDP, Washi fata, Ta. Washi Dist. Osmanabad	60	60	35	Building of school / More than 10 acres	07	35
11	LMDP, Renapur Ta. Renapur Dist Latur	60	49	26	Building of school / affiliation with other private farm	06	46
12	LMDP, Khanapur Ta. Degloor Dist. Nanded	60	59	49	Building of school / More than 10 acres	06	48
13	LMDP, Hiraj Ta. North Solapur Dist. Solapur	60	Nil	02	Building of school / More than 10 acres	02	10
14	LMDP, Pachimppli Ta. Biloli Dist. Nanded	60	48	44	Building of school / affiliation with other private farm	05	20
15	LMDP, - Shingoli Ta.& Dist. Osmanabad	60	57	26	Building of school / affiliation with other private farm	05	35
16	LMDP, Akluj Ta. Malshirs Dist. Solapur	60	54	43	Building of school / affiliation with other private farm	06	40
17	LMDP, Ashti Ta. Ashti Dist. Beed	60	26	17	Building of school / More than 10 acres	06	42

10) College/Institute farm (Area in ha)

Sr. No.	College/ Institute	Building	Area Under		Total farm area
			Cultivation	Uncultivated	
1	Cattle Breeding farm, Udgir	--	25 ha.	Reserved pasture land=30 ha. Grazing land=50.00ha Barren land= 131.06	236.06 ha.
2	Agricultural farm, Sunegaon Tq- Ahmedpur Dist: Latur	--	8 ha.	Reserved pasture land=35 ha. Grazing land=20.00ha Barren land= 30.23ha	93.23 ha
3	University Sub-Centre	One building of 57 sq. metres area.	05 acres	00	05 acres

10) Information of breeding Farm/Livestock Instructional Farm/Research station.

1. Cattle Breeding Farm

Sr.No	Particulars:cattle,sheep,goat,cross bred,horses	Deoni cow	Murrah Buffalo	Osmanabadi Goat	Deccani sheep
1	Total No. of Animals	52	25	25	60
2	Total female	18	10	07	36
3	Total male	09	---	---	24
4	Total breeding male	-----	01	---	05
5	Animal below 6 months	06	03	18	14
6	Animal above 6 months	19	11	07	46
7	Total No. of lactating animals	09	08	07	12
8	Total No. of dry animals	09	02	--	14

2. University Sub-centre

Sr. No.	Particulars: cattle ,sheep, goat, cross bred, horses,	Crossbreed	Deshi
1	Total No. of Animals - 99		
2.	Total female 50		
3	Total Male --		
4	Total breeding male 04		
5	Animal below 6 months. 15		
6	Animals above 6 months 30		
7	Total No. of lactating animals. 17		
8	Total No. of dry animals 10		

B) Staff Position of farm (As per VCI Pattern)

Sr. No.	Farm Manager	Farm/Animal Asst.	Farm/Casual labour	Machine Operator
01.	01	01	11	01

EXTENSION ACTIVITIES

Information on extension activities during the year.....

Publication:

A) Leaflet Published

Sr.No.	Title/Subject	Author	Year
1	Mansal Kombadyanche vyavasthapan	N.V.Khode, S.J.Manwar, D.M.Badukale	18/11/10

B) Books Published

Sr.No.	Title/Subject	Author	Year
Nil			

C) Periodicals Published

Sr. No.	Title/Subject	Author	Periodicals	Year
1	Kukkutpalan ek kifayatshir vyavsay	P.P.Gosavi, S.J.Manwar, V.S.Waskar, S.P.Awandkar and N.V.Khode	Tarun Kisan	15-31 May 2010
2	Garibachi gay- Sheli	D.N.Hatkar, M.S.Mendhe and N.V.Khode	Tarun Kisan	15-31 May 2010
3	Gochidamule janawaramadhe honare dushparinam va tyanche niyantran	S.G.Jadhav, Sonali Borkar, M.P.Nande, and N.V.Khode	Tarun Kisan	15-30 June 2010
4	Gayichya aharat mithache mahatwa	M.S.Mendhe, and N.V.Khode	Godwa Sheticha	June 2010
5	Pashupalan vyavsayat tondkhuri va paykhuri aajarache arthik mahatwa	N.V.Khode, S.P.Awandkar, and M.S.Mendhe	Godwa Sheticha	June 2010
6	Lavhi (Bater) Sanvardhan: Swayamrojgaracha ek uttam paryay	N.V.Khode, S.J.Manwar and S.P.Awandkar	Vasundhara booklet	19 September 2010
7	Emu pakshi vyavsthan va fayade	N.V.Khode, S.J.Manwar and M.S.Mendhe	Vasundhara booklet	19 September 2010
8	Standah: Pratibandhatmak upayojana	N.V.Khode, P.P.Gosavi, and S.G.Jadhav	Tarun Kisan	1 to 14 August 2010
9	Dudhapasun Honare Rog Va Pratibandhatmak Upayojana	M.S.Mendhe and N.V.Khode	Kisanshakti	October 2010
10	Pavasalyat Shelyatil Rogacha Pratibandh Va Vyavasthapan	N.V.Khode and M.S. Mendhe	Kisanshakti	October 2010
11	Dudhachi Sathvan Kashi Karavi?	M.S.Mendhe, N.V.Khode and S.P.Awandkar	Kisanshakti	October 2010
12	Mayang Bahar Yene : Karane va Upay,	N.V.Khode	Tarun Kisan	15 to 31 Dec. 2010

Sr. No.	Title/Subject	Author	Periodicals	Year
13	Shelyana pawasayat honare kahi rog va tyanche upchar	N.V.Khode	Tarun Kisan	15 to 30 Sept. 10
14	Shetkarynchya aatmhatya rokhanyasathi pashupalan/dugdhvyavsai ek uttam paryay	Dr.P.V.Patil	Krushipananmitra	April 2010
15	Sheliche mahtav	Dr.M.S.Mendhe	Tarun Kisan	April 2010
16	Pashupalakanche ATM Osmanabadi sheli	Dr.M.S.Mendhe	Annadata	April 2010
17	Shelipalan suru karatanna	Dr.M.S.Mendhe	Sunrise	May 2010
18	Shelyamendhyachi aaharpranali	Dr.M.S.Mendhe	Tarun Kisan	June 2010
19	Dugdhvyavsayasathi Faydeshir khuli gotha paddat	Dr.P.V.Patil	Tarun Kisan	1-14 June 2010
20	Tin mahinyancya varil vasrancha aahar	Dr.P.V.Patil & Dr.M.K.Patil	Vaikalpik pasuchikitsa vinyan	July-August-Septeber 2010
21	Vasranchya uttam aarogyasathi kahi upay	Dr.P.V.Patil & Dr.M.K.Patil	Tarun Kisan	15-31 August 2010
22	Murghas kalachi garaj	Dr.P.V.Patil & Dr.M.K.Patil	Baliraja	Octo.2010
23	Yashasvi dugdhvyavsayamadhe pashuvaidhakachi bhomika	Dr.P.V.Patil & Dr.M.K.Patil	Baliraja	Octo.2010
24	Kasdah hivu naye mhanun gabhankalatil shevatachya tappayat karayachya kahi upay yojana.	Dr.P.V.Patil, Dr.M.S.Mendhe & Dr.V.M.Salunke	Tarun Kisan	1-14 Nov.2010
25	Hivalyatil chara pikanche utpadan aani vyavsthapan	Dr.P.V.Patil & Dr.S.M.Wankhede	Tarun Kisan	1-14 Nov.2010
26	Sankarit gayichi kalaji	Dr.M.S.Mendhe, Dr.P.V.Patil & Dr.S.S.Alone	Kisanshakti	Dec.2010
27	Yashasvi dugdhavyavsayachi trisutri	Dr.P.V.Patil & Dr.M.K.Patil	Godwa sheticha	Dec.2010
28	Shelipasun fayade	Dr.Hatkar, Dr.M.S.Mendhe, Dr.P.V.Patil	Tarun Kisan	Jan.2011
29	Ushan havaman aani aahar vyavsthapan	Dr.P.V.Patil & Dr.M.K.Patil	Godwa usacha	Jan.2011
30	Sarv kahi kifayatshir dugdhvyavsayasathi	Dr.P.V.Patil & Dr.M.K.Patil	Baliraja	Feb.2011

Sr. No.	Title/Subject	Author	Periodicals	Year
31	Panha n sodane ek samasya aani upay	Dr.P.V.Patil & Dr.M.K.Patil	Baliraja	Feb.2011
32	Azolla- A sustainable feed for livestock	Dr.V.M.Salunke, Dr.P.V.Patil, Dr.M.S.Mendhe, Dr.S.S.Alone	MTC Training manual	Jan.2011
33	Biogas: A reliable source of energy from farm waste	Dr.V.M.Salunke, Dr.P.V.Patil, Dr.M.S.Mendhe, Dr.S.S.Alone	MTC Training manual	Jan.2011
34	Recent trends in poultry	Dr.M.S.Mendhe	Poultry punch, Vol. XXVII, No 4	Feb. 2011
35	Suyogya prajanan vyavasthapan – yashasvi dudh vyavsayachi gurukilli	Dr.A.D.Patil Dr.U.B.Kumbhar, Dr. K. Thorat	Vasundhara	19.09.2010
36	Dugdh vyavasayasathi pavasayat pashu prajananakade laksh dya	Dr. K. Thorat, Dr.A.D.Patil	Kisanshakti	Oct. 2010
37	Fayadeshir emu palanatil prajananansstheche mahatwa	Dr. K. Thorat, Dr.A.D.Patil	Kisanshakti	Oct. 2010
38	Bahuvividh pashupalan – Ahand laxmicha zara	S.D. Moregaonkar V.L. Jadhav	Vasundhar Viseshank, Vidyasagar, Krishividyalaya Gudsur page no. 48-49	19 th September 2010
39	Preservation of shell eggs	R.M.Warhadpande, S.J.Manwar,	Poultry Punch	April 10
40	Drinking water quality and poultry performance – an overview	S.J.Manwar, P.P.Gosavi	Poultry Line	June 10, ,
41	Poultry : Organic or free range	Dr.S.J.Manwar	Pashudhan	August 10
42	Prathine jivansatwasathi labhdayak andi	S.J.Manwar	RCF Sheti Patrika	Dec.2010
43	Gramin Bhagatil Mahilanchya Sabalikarnasathi Parsatil Kukkutpalan.	Kamalakar Chaudhari, Satish Manwar, Prakash Gosavi and Sudhakar Awandkar,	Ashwmedh Krushidoot	15 th May to 14 th June, 2010. pp no. 4.
44	Ushnatepasun Kara Kombdyanche Sanrakshan	Awandkar S.P.	Half Monthly Tarun Kisan	01-14 April 2010
45	Kukkutpalan ek Kifayatshir Vyavsay	Awandkar S.P.	Half Monthly Tarun Kisan	15-30 April 2010

Sr. No.	Title/Subject	Author	Periodicals	Year
46	Alpbhudharak va Bhumihin Shetkaryani Shelipalan ka Karave?	Awandkar S.P.	Monthly Sunrise	May 2010
47	Dubhtya Janavarache Sanvardhan	Awandkar S.P.	Monthly Godva Sheticha	June 2010
48	Pashupalan Vyavsayat Tondkhuri Paykhuri Aajar	Awandkar S.P.	Monthly Sunrise	July 2010
49	Vairaniche Niyojan, Nikrushtatun Utkrusta	Awandkar S.P.	Monthly Sunrise	July 2010
50	Ghothe Bandha Kaljipurvak	Awandkar S.P.	Monthly Godva Sheticha	Dec. 2010
51	Dubhatya Janawaranche Samvardhan	Awandkar S.P.	Monthly Godva Sheticha	Dec. 2010
52	'Importance of Loose Housing in Livestock Farming'	Dhumal G M , Gaikwad S P and Badukale D M .	Compendium	2010-2011

D)Local publication:

Sr.No.	Title/Subject	Author	Name of Newspaper	Date and Year
1	Janawarantil mutkhada	Dr. A. U. Bhikane	Godatir Samachar	08/08/2010
2	Shashwat dudh vyasayasathi janavaranche aahar vyasthapan	Dr. A. U. Bhikane	Vasundhara	19/09/2010
3	Ubavanukichya Andyachi ashi kara nivad	S.P.Awandkar and N.V.Khode	Agrowon	16.07.2010
4	Niyamit hiravya charyasathi tayar kara moorghas	N.V.Khode, V.K.Munde and S.J.Manwar	Agrowon	07.09.2010
5	Ase Tayar Kara Paneer	M.Raziuddin and N.V.Khode	Agrowon	13.01.2011
6	Janawaratil garbhashay dahakade nako durlaksh	Dr. K. Thorat, Dr.A.D.Patil	Agrowon	17.04.2010
7	Var na padane : pashuprajanatil adathala	Dr. K. Thorat, Dr.A.D.Patil	Agrowon	22.05.2010
8	Kalvaditil vandhyatwachi samasya va upay	Dr. K. Thorat, Dr.A.D.Patil	Agrowon	29.05.2010
9	Lakshya dya dudhal janawaranchya prajananakade	Dr.A.D.Patil Dr. K. Thorat	Agrowon	17.07.2010
10	Janavaratil Tatpurta Vanzpanawar Upchar	U.B. Kumbhar & K.S. Chaudhari	Agrowon	25.10.2010

Sr.No.	Title/Subject	Author	Name of Newspaper	Date and Year
11	Warchewar Ulatnarya Cow & Buffaloes Vayvasthapan	U.B. Kumbhar & Rahul More	Agrowon	26.10.2010
12	Tantra janawaranchya prajananache	Dr.A.D.Patil Dr. K. Thorat	Agrowon	17.12.2010
13	Janavaratil dahakade durlashaya nako	S.D. Moregaonkar V.L. jadhav	Agrowon sakal page no. 10	14 th June 2010
14	Emu Pakshyatil tanache Vyavstapan	S.D. Moregaonkar V.L. jadhav	Agroplus sakal page no. 10	17 th June 2010
15	Kombadi Khadyatil Awashyak Ghatak	S J Manwar	Agrowon	9th February, 2011
16	Kombadyanchya khadyat have avashyak ghatak	P.P.Gosavi, S.J.Manwar	Agrowon, Page No.8	09.04.10, ,
17	Prathine jivansatwasathi arogyadayi ande	P.P.Gosavi, S.J.Manwar	Agrowon , Page No.8	16.04.10
18	Janawaranchya Khurakade Lakshya have	Kamalakar Chaudhari and Umesh Kumbhar,	Sakal Agro Von	31/08/2010
19	Janarantil vatachi lakshane va upchar	Kamalakar Chaudhari and Umesh Kumbhar,	Sakal Agro Von	31/08/2010
20	Janarantil Tatpurtya Vanjhpanavar upchar	Umesh Kumbhar and Kamalakar Chaudhari	Sakal Agro Von	25/10/2010
21	Daily Weather Record	Dr.S.S.Kulkarni	Daily Yashwant	Every day for the year
22	Janun Ghya Shelyanchya Aajaranvishayi	Awandkar S.P.	Daily Agrowan	24 June 2010
23	Pawsalyat Janavarana Honare Aajar va Vyavasthapan	Awandkar S.P.	Daily Mahila Ekjut	25 June 2010
24	Kombdyanchya Khodinche Kara Niyaantran	Awandkar S.P.	Daily Agrowan	09 July 2010
25	Janavaratil Vishbadhekade Durlaksha Nako	Awandkar S.P.	Daily Agrowan	11 July 2010
26	Pashupakshyanna Have Swascha Pani	Awandkar S.P.	Daily Agrowan	20 July 2010

Sr.No.	Title/Subject	Author	Name of Newspaper	Date and Year
27	Pashuprajananasathi Aavashyak Khanije	Awandkar S.P.	Daily Agrowan	03 August 2010
28	Lasikaran Karave Kaljipurvak	Awandkar S.P. Badukale D.M.	Daily Agrowon	31 March 2011
29	"Rabies" kade durksha nako	Prakash Gosavi & Vikas Waskar	Agrowon (Marathi Daily)	15 June 2010

E) Radio and T.V.talks:

Sr.No.	Title/Subject	Author	Date	Station
1	Pawsalyatil Aajaar	Dr. A.U.Bhikane	18/08/2010	AIR, Parbhani
2	Subclinical Mastitis	Dr. A.U.Bhikane	24/12/2010	ETV, Marathi
3	Dugdh Vyavasayasathi Uttam Dudhal Jatichi Nivad Ani Paidas	Dr. N.V.Khode	19.11.2010	AIR, Yavatmal
4	Lalya Khurkut Ajaracha Pratibandh	Dr. N.V.Khode	25.11.2010	AIR, Yavatmal
5	Dudhal Janawaranche Vyavasthapan	Dr. N.V.Khode	29.11.2010 & 30.11.2010	AIR, Yavatmal
6	Azolla production	Dr. N.V.Khode	04.01.2011	AIR, Nanded
7	Azolla ek pashukhadya	Dr.M.S.Mendhe	27/07/10	Parbhani
8	Hivalyatil chara pikanche utpadan aani niyojan	Dr.P.V.Patil	22/09/10	Parbhani
9	Urea treatment	Dr.P.V.Patil	04/01/11	Nanded
10	Dugdhvyavsayachi suruvat karatana	Dr.P.V.Patil	31/03/11	Nanded
11	Mashinche unahalyatil vyavsthan	Dr.P.V.Patil	07/04/11	Nanded
12	Management of prolapse of uterus	Dr A D Patil	30.12.2010	E T V
13	Heat Detection in buffaloes	Dr A D Patil	02.02.2011	E T V
14	Janawarantil Langdepan	Dr. K. S. Chaudhari	25/12/2010	ETV, Marathi
15	Endo-parasites in calves	Dr. P.S. Masare	24.12.2010	ETV, Marathi

2. Practical Demonstration:

Sr. No.	Title	Author	Place/Date	No.of farmers/Student attended
1	Deworming and Spraying	Dr. K. B. Awaz and Dr. S. S. Ghoke Dr. S.S. Pitlawar	Sonwati, Ta: Latur, 03/06/2010	200

Sr. No.	Title	Author	Place/Date	No.of farmers/Student attended
2	Deworming	Dr. A. U. Bhikane and Dr. S.S.Pitlawar Dr. A. M. Sayed	Chincholi, Ta: Latur, 04/06/2010	250
3	Deworming and Spraying	Dr. A. U. Bhikane Dr. K.S. Chaudhari	Pakharsangvi, Ta: Latur, 05/06/2010	200
4	Deworming and Spraying	Dr. A. U. Bhikane and Dr. K.S. Chaudhari Dr. S. S. Ghoke	Mahmdapur, Ta:Latur, 06/06/2010	300
5	Deworming	Dr. P. S. Masare Dr. S.S. Pitlawar	Dongarshelki, Ta: Udgir, 28/07/2010	35
6	Deworming and Spraying	Dr. A. U. Bhikane Dr. K.S. Chaudhari	Savargaon, Ta:Deoni, 06/01/2011	143
7	Deworming and Spraying	Dr. A. U. Bhikane and Dr. S.S. Pitlawar Dr. S. S. Ghoke	Chikalhana, Ta: Latur, 21/01/2011	100
8	Deworming and Spraying	Dr. A. U. Bhikane Dr. K.S. Chaudhari	Honali, Ta:Deoni, 26/01/2011	196
9	Urea straw making	Dr.N.V.Khode Dr.P.V.Patil Dr.D.M.Badukale , Dr. M.S.Mendhe	Malegaon Yatra, Dist. Nanded 03 & 04 Jan. 2011	224
	Silage Making			
	Azolla production			
	CMT test			
	Teat dip			
Yashwant/Jaywant				
10	Urea straw treatment	Dr.A.U.Bhikane Dr.N.V.Khode Dr.P.V.Patil Dr.S.S.Ghoke Dr.M.Raziuddin Dr.S.P.Awandkar Dr.U.B.Kumbhar Dr.K.S.Chaudhari	Dongarshelki 15/03/11	40
	Silage making			
	CMT test			
	Teat dipping			
	Azolla production			
	Deworming			
	De-ticking			
11	Urea straw treatment	Dr.A.U.Bhikane Dr.N.V.Khode Dr.P.V.Patil Dr.U.B.Kumbhar Dr.S.G.Jadhao Dr.K.S.Chaudhari Dr.S.Muzib	Awalkonda 16/03/11	50
	Silage making			
	CMT test			
	Teat dipping			
	Azolla production			

Sr. No.	Title	Author	Place/Date	No.of farmers/Student attended
12	Urea straw treatment	Dr.A.U.Bhikane	Devarjan 17/03/11	100
	Silage making	Dr.N.V.Khode		
	CMT test	Dr.P.V.Patil		
	Teat dipping	Dr.S.J.Manwar		
	Azolla production	Dr.S.G.Jadhao		
	Deworming	Dr.A.D.Patil		
	De-ticking	Dr.S.S.Ghoke		
13	Urea straw treatment	Dr.A.U.Bhikane	Karadkhel 18/03/11	100
	Silage making	Dr.N.V.Khode		
	CMT test	Dr.P.V.Patil		
	Teat dipping	Dr.U.B.Kumbhar		
	Azolla production	Dr.S.G.Jadhao		
	Deworming	Dr.K.N.Pawankar		
	De-ticking	Dr.S.S.Pitlawar Dr.P.S.Masare		
14	Yashwant cultivation	Dr.N.V.Khode	Kodali 19/03/11	50
	Urea straw treatment	Dr.P.V.Patil		
	Silage making	Dr.S.S.Ghoke		
	CMT test	Dr.S.P.Awandkar		
	Teat dipping	Dr.U.B.Kumbhar		
	Azolla production	Dr.A.D.Sangme		
	Deworming			
	De-ticking			
15	Urea straw treatment	Dr.A.U.Bhikane	Kaulkhed 21/03/11	75
	Silage making	Dr.N.V.Khode		
	CMT test	Dr.P.V.Patil		
	Teat dipping	Dr.S.P.Awandkar		
	Azolla production	Dr.U.B.Kumbhar Dr.K.S.Chaudhari Dr.S.Muzib		
16	All farm activities, silage & urea treatment, fodder cultivation, vermicomposting	Dr.P.V.Patil	CBF,Udgir 12/10/10	15 farmers from different places.
17	All farm activities, silage & urea treatment, fodder cultivation, vermicomposting.	Dr.P.V.Patil Dr.M.S.Mendhe Shri.G.S.Dodke	CBF,Udgir 10/01/11,11/01/11 &13/01/11	153 Students of Shivaji College, Udgir
18	All farm activities, silage & urea treatment, fodder cultivation, Azolla production	Dr.V.M.Salunke	CBF,Udgir 08/03/11	31 students from Rajiv Gandhi polytechnic college, Udgir
19	All farm activities, silage & urea treatment, fodder cultivation, biogas production	Dr.V.M.Salunke Dr.P.V.Patil	CBF,Udgir 15/03/11	56 Agriculture college, Udgir

Sr. No.	Title	Author	Place/Date	No. of farmers/Student attended
20	Recording of congenital anomalies in animals	Dr.S.D.Moregaonkar	22/03/2010	30
21	Recording of congenital anomalies in animals	Dr.S.D.Moregaonkar	06/04/2011	30
22	P.M.Techniques in animals	Dr.S.D.Moregaonkar	08/05/2010	35
23	Poultry farming	Dr S J Manwar	COVAS Udgir (13 January, 2011)	25 Students from Shivaji college Udgir
24	Visit to college poultry unit	Dr S J Manwar	COVAS Udgir (January, 2011)	15 Farmers
25	First aid	Dr. K.S. Chaudhari	Kodali Tal-Udgir 7/12/2010	30
26	Clean milk production	V.S. Waskar	Udgir (28.9.2010)	12
27	Hands on Training on silage making, vermicomposting and Azolla cultivation.	Dr. D M Badukale, Dr. M. S. Mendhe	Livestock unit of SubCentre & CBF	20

3.Short term courses organized for officers. :

Sr.No.	Title	Subject	Period	No. of trainees
1	Integrated livestock system for the improvement of rural livelihood-waste to wealth concept	Waste to wealth management	24 th -31 st January 2011	20
2	Training course on Artificial Insemination – 5 days	AI	21- 25 March- 11	31 LDO

4.Short term training courses for farmers:

Sr. No.	Title	Author	Duration	Place	No. of farmers participated
1	Emu Farming	Dr. A. U. Bhikane, Dr. S.S. Pitlawar	10 Days 12/04/2010 to 30/04/2010	Shivaji College, Udgir	35
2	Emu Farming	Dr. A. U. Bhikane, Dr. K.S. Chaudhari	10 Days 10/06/2010 to 25/06/2010	Shivaji College, Udgir	34
3	Emu Farming	Dr. A. U. Bhikane Dr. K.S. Chaudhari	10 Days 02/09/2010 to 23/09/2010	Shivaji College, Udgir	33

Sr. No.	Title	Author	Duration	Place	No. of farmers participated
4	Poultry and Dairy Farming	Dr. A. U. Bhikane, Dr.S.J.Manwar Dr.N.V.Khode, Dr. D.M.Badukale, Dr. K.S. Chaudhri & Dr. S.S. Pitlawar	10 Days 26/09/2010 to 12/10/2010	COVAS, Udgir	35

5. Veterinary Exhibition, Camp organized. :

Sr.No.	Subject	Place	Date	No. of farmers/students visited
1	Disease diagnosis and Animal Health Camp	Sonwati, Ta: Latur	03/06/2010	300
2	Disease diagnosis and Animal Health Camp	Chincholi, Ta: Latur	04/06/2010	350
3	Disease diagnosis and Animal Health Camp	Pakharsangvi, Ta: Latur	05/06/2010	300
4	Disease diagnosis and Animal Health Camp	Mahmdapur, Ta: Latur	06/06/2010	250
5	Disease diagnosis and Vaccination (HS and BQ) Camp	Dongarshelki, Ta: Udgir	28/07/2010	300
6	Disease diagnosis and Vaccination (FMD) Camp	Dongarshelki, Ta: Udgir	24/11/2010	200
7	Disease diagnosis and Vaccination (HS and BQ) Camp	Kodali, Ta: Udgir	07/12/2010	500
8	Disease diagnosis and Vaccination (FMD) Camp	Kodali, Ta: Udgir	15/12/2010	200
9	Disease diagnosis and Animal Health Camp	Savargaon, Ta: Deoni	06/11/2011	200
10	Disease diagnosis and Animal Health Camp	Chikalthana, Ta: Latur	21/01/2011	300
11	Disease diagnosis and Animal Health Camp	Honali, Ta: Deoni	26/01/2011	250
12	Disease diagnosis and Animal Health Camp	Nideban, Ta: Udgir	26/03/2011	10

Sr.No.	Subject	Place	Date	No. of farmers/students visited
13	MAFSU EXPO - 2010	MAFSU, Nagpur	28.03.2010	64
14	Cattle Show	Kandhar, Dist. Nanded	17.04.2010	150
15	Krishi Mahotsav 2010 & Mega Exhibition	M.A.U., Parbhani	Oct., 08-12, 2010	899
16	Livestock exhibition & Livestock competition	Malegaon Yatra, Dist. Nanded	Jan. 3-4, 2011	224
17	Disease diagnosis and Animal Health Camp	Dongarshelki, Ta: Udgir	15/03/2011	120
18	Disease diagnosis and Animal Health Camp	Awalkonda, Ta: Udgir	16/03/2011	50
19	Disease diagnosis and Animal Health Camp	Devarjan, Ta: Udgir	17/03/2011	65
20	Disease diagnosis and Animal Health Camp	Karadkhel, Ta: Udgir	18/03/2011	300
21	Disease diagnosis and Animal Health Camp	Kodali, Ta: Udgir	19/03/2011	32
22	Disease diagnosis and Animal Health Camp	Kawalkhed, Ta: Udgir	21/03/2011	25
23	Cattle competition at Hawagiswami fair	Udgir	20/1/2011	--

6. Visit to dairy / poultry farm:

Sr.No.	Subject	Place	Date	Purpose
1	Advise on Housing, sanitation (Extension & Anatomy Dept.)	Jalkot	21 January 2011	Chick mortality at poultry farm
2	Survey under the ICAR Network Project (Physiology)	Gaimal Tanda, Border Tanda, Kodli, Dongarshelki, Somnathpur, Banshelki, Shirol, Janapur, Kaulkhed, Jajnur, Nideban, Udgir and periphery	Throughout the year	Survey, sample collection, body condition score studies etc.

Sr.No.	Subject	Place	Date	Purpose
3	Demonstration at slaughterhouse (VPH)	Deonar Abattoir, Mumbai	12.4.2010	Under-graduate teaching
4	Demonstration at poultry processing unit (VPH)	Venkys India Ltd., Pune	13.4.2010	Under-graduate teaching

7. (1) Animal Health Camps (organized & participated) : **18**
(2) No. of cases treated in hospital : **5345**
(3) No. of animals vaccinated in hospital : **100**
(4) No. of disease outbreak attended : **Nil**
(5) No. of cases treated under ambulatory Clinic : **13656**
(6) No. of animals vaccinated under ambulatory Clinic : **5955**

8. Farmers visit to department

Sr.No.	Topic discussed	Date
1	Disease diagnosis, awareness, treatment and control aspect (Medicine & TVCC dept.- 500)	Round the year
2	Dairy farming (extension)	14.07.2010
3	Dairy farming (extension)	20.07.2010
4	Poultry Farming (extension)	09.09.2010
5	Dairy & Poultry Farming(extension)	16.09.2010
6	Poultry farming (extension)	27.10.2010
7	Poultry farming (extension)	25.11.2010
8	Poultry farming, management (extension)	05.01.2011
9	Poultry, Dairy, Goat, Sheep Farming(extension)	13.01.2011
10	Layer farming(extension)	08.02.2011
11	Poultry farming Dairy cattle & Buffalo breed(extension)	23.03.2011
12	All farm activities, silage & urea treatment, fodder cultivation,Azolla production,biogas production,electricity generation from biogas etc. (29) CBF	--
13	Brought Deccani sheep, 4 years old for P.M. Opinion and diagnosis (vet.Pathology)	28/05/2010
14	Brought Female sheep for P.M. Opinion and diagnosis(vet.Pathology)	2/06/2010
15	Giriraj chiks for P.M. Opinion and diagnosis(vet.Pathology)	2/11/2010
16	Giriraj chiks for P.M. Opinion and diagnosis(vet.Pathology)	04/03/2011
17	Construction of layer cage houses(Poultry Science)	Feb. 2011
18	Broiler farming (Poultry Science)	Feb., 2011
19	First Aid, Management of lameness, FBS 250 (Surgery)	Round the year
20	Effects of hardness of water on animal and human health (VPH)	12.4.2010
21	Clean milk production (VPH)	14.8.2010
22	Hygienic meat production(VPH)	18.9.2010

Sr.No.	Topic discussed	Date
23	Spread of rabies and its prevention(VPH)	27.10.2010
24	Water quality and its effect on performance of broilers(VPH)	5.1.2011
25	Integrated farming management (Sub-centre)	04 & 08 Oct.2010
26	Poultry farming(Sub-centre)	11/12/2010
27	Calf health management(Sub-centre)	30/12/2010
28	Dairy farming enterprise(Sub-centre)	04/1/2011
29	About Veterinary field(Sub-centre)	10/1/2011
30	Deoni breed conservation(Sub-centre)	17/1/2011
31	General Livestock Management(Sub-centre)	25/3/2011

9. List of Eminent visitors. :

Sr.No.	Name	Designation	Full address	Purpose	Date
1	Dr.R.L.Dhoble	Registrar	MAFSU, Nagpur	Official visit	22.04.2010
2	Mr. Rajesh Agrawal	Secretary	ADF, Govt. of Maharashtra	Official visit	27.06.2010
3	Dr. S.G. Narayankhedkar	Dean & Director of Instructions	MAFSU, Nagpur	Official visit	20/7/2010
4	Dr.D.R.Kalorey	Dean, Faculty of Fishery Sciences	MAFSU, Nagpur	Official visit	20/7/2010
5	Dr. R.C.Upadhyay	Principal Scientist, Dairy Cattle Physiology Division, NDRI Karnal	Principal Scientist, Dairy Cattle Physiology Division, NDRI Karnal	Review of the research centre under national network	25 – 27 th October 2010.
6	Dr.P.D. Deshpande	Director of Extension & Training	MAFSU, Nagpur	Official visit	18.11.2010
7	Dr.N.S.Bhosale	Director of Research	MAFSU, Nagpur	Official visit	22.11.2010
8	Dr. Abdul Samad	Dean & Director of Instructions (FVS)	MAFSU, Nagpur	Official visit	Jan., 17-19, 2011
9	Dr.V.M.Mayande	Hon'ble Vice-Chancellor	MAFSU, Nagpur	Official visit	23.01.2011
10	Dr. P. D. Deshpande,	Director of Extension & Training	MAFSU, Nagpur	Inauguration of MTC	24.01. 2011
11	Dr. L.B.Sarkate	Registrar	MAFSU, Nagpur	Official visit	--

10. Seminar, Group discussion (organized/participated) :

Sr. No.	Subject	Topic	Place	No.of farmers/students attended
1	Advances in health management of domestic and wild animals (organized)	--	COVAS, Udgir	100
2	Workshop	Self employment & agri. development	Mukhed, Nanded	10,000
3	Farmers meet (Krishi Dindi)	Inauguration of Krishi Dindi	Udgir	--
4	Farmers meet (Krishi Dindi)	Animal Husbandry Practices	Kaulkhed, Chandegaon, Shiror, Janapur, Nagalgaon	50
5	Farmers meet (Krishi Dindi)	Animal Husbandry Practices	Gudsur, Nalgir	25
6	Farmers meet (Krishi Dindi)	Animal Husbandry Practices	Pimpri, Awalakonda	25
7	Farmers meet (Krishi Dindi)	Animal Husbandry Practices	Toghari, Mogha	50
8	Farmers meet (Krishi Dindi)	Animal Husbandry Practices	Shekapur, Chigali	30
9	Farmers meet (Krishi Dindi)	Animal Husbandry Practices	Shambhu Umarga, Mahadevwadi	30
10	Farmers meet (Krishi Dindi)	Animal Husbandry Practices	Tivatgyal, Netragaon	30
11	Farmers meet (Krishi Dindi)	Animal Husbandry Practices	Tondchir, Dhondi Hipparaga	50
12	Farmers meet (Krishi Dindi)	Animal Husbandry Practices	Lohara	50
13	Farmers meet (Krishi Dindi)	Animal Husbandry Practices	Handargulli, Chimachi wadi	100

11. Programme/function held:

Sr.No.	Programme	Date	Guest/Speaker
1	Maharashtra Din	01.05.2010	--
Sr.No.	Programme	Date	Guest/Speaker
2	Independence Day	15.08.2010	--
3	Marathwada Mukti Sangram Din	17.09.2010	--
4	University Foundation Day	03.12.2010	--
5	Republic Day	26.01.2011	--
6	Lecture on 'Impact of Climate Change on Animal Health'	26.10.2010	Dr. R.C.Upadhyay, Principal Scientist, Dairy Cattle Physiology Division, NDRI Karnal

12. Other information related to Extension Programme**a. Lectures delivered in farmers trainings:**

Sr. No.	Date	Place	Name of Speaker/s	Training	Organizer	No. of Farmers
1	15.04.2010	Udgir	Dr. A. U. Bhikane	Emu Farming	MCED, Latur	40
2	22.04.2010	Udgir	Dr. A. U. Bhikane	Emu Farming	MCED, Latur	40
3	07.06.2010	Udgir	Dr. A. U. Bhikane	Emu Farming	MCED, Latur	40
4	20.09.2010	Udgir	Dr. A. U. Bhikane	Emu Farming	MCED, Latur	40
5	06.10.2010	Udgir	Dr. A. U. Bhikane	Poultry and Dairy Farming	MCED, Latur	40
6	09.10.2010	Udgir	Dr. A. U. Bhikane	Poultry and Dairy Farming	MCED, Latur	40
7	19.01.2011	Udgir	Dr. A. U. Bhikane	Poultry and Dairy Farming	MCED, Latur	40
8	21.10.2010	Udgir	Dr. A. U. Bhikane	Poultry and Dairy Farming	MCED, Latur	40
9	22.01.2011	Udgir	Dr. A. U. Bhikane	Buffalo farming and Goat farming	MITCON, Latur	55
10	23.01.2011	Udgir	Dr. A. U. Bhikane	Buffalo farming and Goat farming	MITCON, Latur	25
11	04.02.2011	Udgir	Dr. A. U. Bhikane	Buffalo farming and Goat farming	MITCON, Latur	60
12	09.03.2011	Udgir	Dr. A. U. Bhikane	Dairy Farming	Dist. Cooperative Training centre, Latur	50
13	13.03.2011	Udgir	Dr. A. U. Bhikane	Buffalo farming and Goat farming	MITCON, Latur	51

14	24.03.2011	Udgir	Dr. A. U. Bhikane	Buffalo farming and Goat farming	MITCON, Latur	50
Sr. No.	Date	Place	Name of Speaker/s	Training	Organizer	No. of Farmers
15	26.03.2011	Dawan Hipparga	Dr. A. U. Bhikane	Farmers training under ASCAD	State AHD, Deoni	60
16	29.03.2011	Udgir	Dr. A. U. Bhikane	Buffalo farming and Goat farming	MITCON, Latur	63
17	16.08.2010	Handargulli, Tah. Udgir Dist. Latur	Dr.N.V.Khode	Commercial Dairy Farming Improved Managemental Practices	ATMA, Latur	256
18	07.10.2010	Udgir	Dr.N.V.Khode	Selection and Housing of Dairy animal	COVAS, Udgir & MCED, Latur	35
19	22.10.2010	Deoni Dist. Latur	Dr.N.V.Khode	Importance of dairy business and status in Maharashtra	MCED, Latur	35
20	13.03.2011	Nanded	Dr.N.V.Khode	Opportunities in dairy enterprise	Sidhhi Vinayak group, Amaravati	7500
21	21/04/2010	Udgir	Dr.S.D.Moregaonkar	Stress management in emu birds	MCED, Latur & COVAS, Udgir	35
22	17/06/2010	Udgir	Dr.S.D.Moregaonkar	Stress management in emu birds	MCED, Latur & COVAS, Udgir	34
23	06/09/2010	Udgir	Dr.S.D.Moregaonkar	Stress management in emu birds	MCED, Latur & COVAS, Udgir	33
24	16 August 2010	Handargulli, Tah. Udgir	Dr.S.J.Manwar	Commercial Poultry Farming	ATMA, Latur	256
25	09.10.2010	Udgir	Dr.S.J.Manwar	Commercial Layer Production	COVAS, Udgir & MCED, Latur	35
26	10.10.2010	Udgir	Dr.S.J.Manwar	Hatchery Management	COVAS, Udgir & MCED, Latur	35

27	27/01/11	Udgir	Dr.S.J.Manwar	Selection, care & incubation of eggs ,	COVAS, Udgir & MCED, Latur	20
Sr. No.	Date	Place	Name of Speaker/s	Training	Organizer	No. of Farmers
28	15.04.2010	Udgir	Dr. S.S. Pitawar	Emu Farming	MCED, Latur	40
29	22.04.2010	Udgir	Dr. K.S. Chaudhari	Emu Farming	MCED, Latur	40
30	07.06.2010	Udgir	Dr. K.S. Chaudhari	Emu Farming	MCED, Latur	40
31	06.10.2010	Udgir	Dr. K.S. Chaudhari	Poultry and Dairy Farming	MCED, Latur	40
32	09.10.2010	Udgir	Dr. S.S. Pitlawar	Poultry and Dairy Farming	MCED, Latur	40
33	27.02.2010	Udgir	Dr. P.S. Masare	Emu Farming	MCED, Latur	40
34	22.04.2010	Udgir	Dr. P.S. Masare	Emu Farming	MCED, Latur	40
35	14.06.2010	Udgir	Dr. P.S. Masare	Emu Farming	MCED, Latur	40
36	04.09.2010	Udgir	Dr. P.S. Masare	Emu Farming	MCED, Latur	40
37	11.10.2010	Udgir	Dr. P.S. Masare	Poultry and Dairy Farming	MCED, Latur	40

b. Lectures delivered in farmers rallies:

Sr. No.	Date	Place	Name of Speaker	Topic	No. of Farmers
1	20/05/2010	Udgir	Dr. A. U. Bhikane	Scientific Animal Husbandry Practices	100
2	21/05/2010	Chandegaon, Kawalkhed and Janapur, Ta: Udgir	Dr. A. U. Bhikane, Dr.V.S.Waskar, Dr.N.V.Khode	Scientific Animal Husbandry Practices	100
3	27/05/2010	Nalgir, Gudsar, Ta: Udgir	Dr. S. S. Ghoke	Scientific Animal Husbandry Practices	80
4	07/06/2010	Mamdapur, Ta: Latur	Dr. A. U. Bhikane	Scientific Animal Husbandry Practices	200
5	16/02/2011	Kunki, Ta: Jalkot	Dr. A. U. Bhikane	Conservation of <i>Deoni</i>	100
6	09/03/2011	Udgir	Dr. A. U. Bhikane	Dairy Farming	50
7	13/03/2011	Udgir	Dr. A. U. Bhikane	Goat and Buffalo Farming	51
8	15/03/2011	Dongarshelki, Ta: Udgir	Dr. A. U. Bhikane	Scientific Animal Husbandry	60

				Practices	
Sr. No.	Date	Place	Name of Speaker	Topic	No. of Farmers
9	17/03/2011	Devarjan, Ta: Udgir	Dr. A. U. Bhikane	Scientific Animal Husbandry Practices	100
10	18/03/2011	Karadkhel, Ta: Udgir	Dr. A. U. Bhikane	Scientific Animal Husbandry Practices	60
11	21/03/2011	Kavalkhed, Ta: Udgir	Dr. A. U. Bhikane	Scientific Animal Husbandry Practices	60
12	24/03/2011	Udgir	Dr. A. U. Bhikane	Goat and Buffalo Farming	63
13	15/05/2010	District Agriculture Division, Parbhani	Dr. P.V.Patil	Chara utpadan aani aahar vyavsthapan	150
14	21/03/2011	Kavalkhed, Ta: Udgir	Dr.K.S. Chaudhari	First Aid, Management of lameness, FBS	60
15	NSS camp of DTC, Udgir	Lohara, Teh.: Udgir	Dr. D M Badukale	'Janavaranche Aarogya vishayak Vyavasthapan'	25
16	26.05.10	Toghari, Mogha, Ta. Udgir	Dr.N.V.Khode, Dr.V.K.Munde	Animal Husbandry through scientific approach	100
17	28.05.10	Shambhu Umarga, Mahadevwadi, Ta. Udgir	Dr.N.V.Khode, Dr.P.H.Pawar	Animal Husbandry through scientific approach	60
18	29.05.10	Tivatgyal, Netragaon, Ta. Udgir	Dr.N.V.Khode, Dr.M.Raziuddin, Dr.N.M.Karad	Animal Husbandry through scientific approach	60
19	31.05.10	Tondchir, Dhondhipparaga, Ta. Udgir	Dr.N.V.Khode, Dr.A.D.Patil	Animal Husbandry through scientific approach	100
20	01.06.10	Lohara, Ta. Udgir	Dr.N.V.Khode, Dr.K.S.Chaudhari, Dr.S.G.Jadhao	Animal Husbandry through scientific approach	50
21	02.06.10	Handargulli, Chimachiwadi, Ta. Udgir	Dr.N.V.Khode, Dr.P.P.Gosavi, Dr.A.D.Sangme	Animal Husbandry through scientific approach	100
22	--	COVAS, Udgir	Dr. S.P.Awandkar	Biosecurity in	20

				poultry house	(Farmers)
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c. Lectures delivered in Seminars/training for Officers:

Sr. No.	Date	Place	Name of Speaker	Topic	No. of Officers
1	15/06/2010	Osmanabad	Dr. A. U. Bhikane	Advances in diagnosis and treatment of Phosphorous deficiency disorders in bovines	45
2	06/02/2011	Rahuri, Dist: Ahmednagar	Dr. A. U. Bhikane	Production diseases of dairy animals with special reference to parturient paresis	350
3	19/03/2011	PGIVAS, Akola	Dr. A. U. Bhikane	Impact of climate change on livestock health	25
4	19/03/2011	PGIVAS, Akola	Dr. A. U. Bhikane	Animal health policy reforms in view of climate change	25
5	24/03/2011	Udgir	Dr. A. U. Bhikane	Role of nutrients in improvement of fertility	31
6	5/03/2011	COVAS, Udgir	Dr.K.S. Chaudhari	Use of website in veterinary practice	3
7	30/03/2011	COVAS, Udgir	Dr.K.S. Chaudhari	Use of website in veterinary practice	7
8	24/03/2011	COVAS, Udgir	Dr. S.P.Awandkar	Microbial causes of infertility	31
9	08/05/10	Udgir	Dr.S.D.Moregaonkar	Post mortem technique and science	35

D. Others

Name of the department	Activities
Dept. of V.& A.H.Extension & Poultry Science	Guidance to the 120 students of Shivaji College Udgir on 13/01/2011 at COVAS Udgir
Dept. of V.& A.H.Extension & Poultry Science	Regular advice to the livestock farmers answered their queries through telephonic call / mail / post
Dept. of V.& A.H.Extension	Bagged First Runner Up Prize for Exhibitory Stall at MAFSU Expo-2010
Dept. of V.& A.H.Extension	Extension survey conducted during 15.03.2011 to 21.03.2011
Name of the department	Activities
Subcentre, CBF, Poultry Science	Worked as Judge during 'Livestock and Poultry' Exhibition at Malegaon Yatra, Dist. Nanded on 04 Jan. 2011.
Dept. Microbiology	Farmers (Poultry) queries answered - 38 (On Mobile)
Dept. Microbiology	Farmers (Sheep/Goat) queries answered - 02 (On phone)
Dept. Microbiology	SMS service for the farmers - 230 SMS sent

GYMKHANA & STUDENT WELFARE**1) Information on Games/Sport**

Sr. No.	Games/Sport	Date	Organized by	No. of Student participated
1	Avishkar 2010 (Research Festival)	22.11.2010	Gymkhana, COVAS, Udgir	38 students from various constituted colleges under MAFSU, Nagpur
2	Ganeshotsav	Sept., 04 th - 09 th 2010	Gymkhana, COVAS, Udgir	All students of the college
3	Sports events selection	Sept-Dec.2010	Gymkhana, COVAS, Udgir	30
4	Cultural events selection	Sept-Nov. 2010	Gymkhana, COVAS, Udgir	27

2) National Service Scheme (NSS) :

Sr. No.	Information of work done	Date	Place	No. of Student participated
1	NSS special camp	15.03.11 to 21.03.11	Dongarshelki, Awalkonda, Devarjan, Karadkhel, Kodali, Kaulkhed	49
2	Dr.Ambedkar Jayanti	14.04.10	COVAS, Udgir	--
3	Dahshatwad va hinsachar virodhi din	21.05.10	COVAS, Udgir	--
4	Pandit Jawaharlal Nehru Punyatithi	27.05.10	COVAS, Udgir	--
5	Maharana Pratap Jayanti	15.06.10	COVAS, Udgir	--

6	Vasandrao Naik Jayanti	01.07.10	COVAS, Udgir	--
7	Rajashri Shahu Maharaj Jayanti	26.07.10	COVAS, Udgir	--
8	Lokmanya Tilak Punyatithi & Annabhau Sathe Jayanti	01.08.10	COVAS, Udgir	--
9	Shramdan Shibir	12.08.10	COVAS, Udgir	--
10	Organized Tree plantation programme	15.08.10	COVAS, Udgir	--
11	Sadbhavana Divas	20.08.10	COVAS, Udgir	--
Sr. No.	Information of work done	Date	Place	No.of Student participated
12	Ahilyabai Holkar Punyatithi	07.09.10	COVAS, Udgir	--
13	Orientation to Newly admitted students about NSS- objectives, activities, benefits	30.09.10	COVAS, Udgir	--
14	Blood donation camp & Mahatma Gandhi & Lal Bahadur Shastri Jayanti & International Non-violence day	02.10.10	COVAS, Udgir	35
15	Indira Gandhi Smrutidin, Sankalp din and Sardar Patel Jayanti	31.10.10	COVAS, Udgir	--
16	Communal Harmony Campaign and the Fund Raising Week	Nov.19- 25, 2010	COVAS, Udgir	--
17	National Flag day & Yashwantrao Chavan Punyatithi	25.11.10	COVAS, Udgir	--
18	Sanvidhan Diwas	26.11.2010	COVAS, Udgir	--
19	National Integration Day & Indira Gandhi Jayanti	19.11.2010	COVAS, Udgir	--
20	Yashwantrao Chavan Death Anniversary	25.11.10	COVAS, Udgir	--
21	Mahatma Jyotiba Phule Smruti Din	28.11.10	COVAS, Udgir	--
22	Dr. Babasaheb Ambedkar Mahaparinirwan Din	06.12.10	COVAS, Udgir	--
23	Shahid Babu Genu Smrutidin	12.12.10	COVAS, Udgir	--
24	Savitribai Phule Jayanti	03.01.11	COVAS, Udgir	--
25	Jijau Maasaheb Jayanti	12.01.11	COVAS, Udgir	---
26	Subhash Chandra Bose Jayanti	23.01.11	COVAS, Udgir	--
27	Blood donation camp	02.02.11	Ambarkhane blood	10

			Bank	
28	Shivaji Maharaj Jayanti	19.02.11	COVAS, Udgir	--
29	Yashwantrao Chavan Jayanti	12.03.11	COVAS, Udgir	--
30	Chatrapati Shivaji Maharaj Punyatithi	30.03.11	COVAS, Udgir	--

3) Participation of students in cattle judging competition at state/National Level. :

Sr.No.	competition	Place	Date	No.of Student Participated	Award/Medals
Nil					

4) Competitive Examination:

Sr. No.	Examination	No.of student appeared	No.of student Passed
1	Nil		

5) Placement Cell:

Sr. No.	Name of company	No.of Student appeared	No.of student selected
1	Pranav Agro, Chakan & Khadkeshwara hatchery, Aurangabad	09	03

6) Medical Facilities: Nil

7) Other facilities: Nil

CONSTRUCTION PROGRAMME

Details of work completed /Work in progress/and works proposed be given in the following profarma. :

Sr.No.	Name of work and place	Estimated cost	Remarks
1	Construction of training Hall	Rs. 25,00,000/-	Procedure for construction in progress & funds are available.