

**Annual Report 2011-2012
COVAS, UDGIR**

7. College and Farm Area (In Hectors)

| Sr. No. | College / Institute | Building Area | Area under | | Total farm area (in Hect.) |
|---------|---------------------|---------------|-----------------------|-------------------------------|----------------------------|
| | | | Cultivation (Hectors) | Uncultivated / Grazing (Hect) | |
| 1 | COVAS, Udgir | 15200 sq. mt. | 41 | 302.62 | 345.14 |

8. UNIVERSITY OFFICERS/ STAFF AT NAGPUR

| Sr. No. | Designation | Sanctioned post |
|---------|----------------|-----------------|
| | Not applicable | |
| | Total | |

9. Academic staff

| Sr. No. | College / Institute | Associate Dean / Principal | Professor | Associate Professor | Assistant Professor | Res. Asstt / Vety. Officer |
|---------|---------------------|----------------------------|-----------|---------------------|---------------------|----------------------------|
| 1. | COVAS, Udgir | 01 | 04 | 10 | 23 | -- |

10. Ministerial staff

| Sr. No. | College / Institute | Staff / Post | | | | |
|---------|---------------------|--------------|----------|-----------|----------|--------|
| | | Class I | Class II | Class III | Class IV | Others |
| 1. | COVAS, Udgir | - | 01 | 31 | 29 | - |

11. Achievements-

12. FUTURE THRUST

EDUCATIONAL ACTIVITIES

13. Intake capacity and students on roll

| Sr. No. | Name of the college | Intake Capacity | | | | | | Total Students on Roll | | | | | |
|---------|---------------------|-----------------|---------------|---------|---------|---------------|-------|------------------------|---------------|---------|---------|---------------|-------|
| | | B.V.Sc. & A.H. | B.Tech (D.T.) | B.F.Sc. | M.V.Sc. | M.Tech (D.T.) | Ph.D. | B.V.Sc. & A.H. | B.Tech (D.T.) | B.F.Sc. | M.V.Sc. | M.Tech (D.T.) | Ph.D. |
| 1. | COVAS, Udgir | 27+5=32 | -- | -- | 09 | -- | -- | 94 | -- | -- | 12 | -- | -- |

Number of students on roll in various colleges

| S.N. | College / Institute | Students on roll | | |
|------|---------------------|------------------|---------------|-------|
| | | Undergraduate | Post graduate | Total |
| 1 | COVAS, Udgir | 94 | 12 | 106 |
| | Total | 94 | 12 | 106 |

14. Hostel Accommodation

| Sr. No. | College / Institute | No. of rooms available | Total accommodation available | Actual accommodation provided |
|---------|---------------------|------------------------|-------------------------------|-------------------------------|
| 1 | COVAS, Udgir | 60 | 102 | 60 |
| | Total | 60 | 102 | 60 |

15. Scholarship and Other Facilities to Students

| Sr. No. | College / Institute | Scholarship | | | Concession in tuition fees |
|---------|---------------------|----------------|----------------------|-----------|----------------------------|
| | | Govt. of India | Govt. of Maharashtra | Others | |
| 1 | COVAS, Udgir | Rs.484180/- | Nil | Rs.5000/- | Rs.31640/- |

16. Examination Results

| Sr. No. | Degree Examination | Name of college | No. of students examined | No. of students Passed | | | | Total No. of Students Passed |
|---------|--|-----------------|--------------------------|--------------------------|---------|----------|-----------|------------------------------|
| | | | | I Class with distinction | I Class | II Class | III Class | |
| 1 | 1 st Year B.V.Sc. & A.H. Degree Course (New) | COVAS, Udgir | 30 | 00 | 03 | 16 | 00 | 19 |
| 2 | 2 nd Year B.V.Sc. & A.H. Degree Course (New) | | 17+02 | 00 | 05+00 | 08+02 | 00 | 13+02 |
| 3 | 3 rd Year B.V.Sc. & A.H. Degree Course | | 06 | 00 | 02 | 03 | 00 | 05 |
| 4 | 4 th Year B.V.Sc. & A.H. Degree Course | | 18 | 02 | 12 | 04 | 00 | 18 |
| 5 | 5 th Year B.V.Sc. & A.H. Degree Course | | 29 | 07 | 15 | 07 | 00 | 29 |
| 6 | 1 st year M.V.Sc. Degree course | | 07 | 00 | 06 | 00 | 00 | 06 |
| 7 | 2 nd year M.V.Sc. Degree course | | 06 | 00 | 06 | 00 | 00 | 06 |
| | Total | | | | | | | |

17. Facilities offered to Academic Staff Members for Training in India / Abroad

| Sr. No. | Name and Designation | Title of training | Training sponsored by | Period | Place |
|--------------|----------------------|-------------------|-----------------------|--------|-------|
| COVAS, Udgir | | | | | |
| 1 | | Nil | | | |

18. FUNCTIONS ORGANISED IN COLLEGE

COVAS, UDGIR

| Sr. No. | Programme | Date | Guest / Speaker |
|---------|---|------------|-----------------|
| 1 | Maharashtra day | 01-05-2011 | -- |
| 2 | Independence day | 15-08-2011 | -- |
| 3 | College establishment day and Marathwada Mukti Sangram Day | 17-09-2011 | -- |
| 4 | University establishment day | 03-12-2011 | -- |
| 5 | Republic day | 26-01-2012 | -- |

19. INFORMATION ON LOWER EDUCATION

A. Intake Capacity and Total Students admitted

| Sr. No. | Name of the controlling college | Total no. of Schools | Intake capacity | | Students admitted | |
|---------|---------------------------------|----------------------|-----------------|---------|-------------------|---------|
| | | | I year | II year | I year | II year |
| 1 | COVAS, Udgir | 16 | 960 | 960 | 577 | 492 |

B. Sex and Year-wise information of admitted students

| First year | | | Second year | | |
|------------|-------|-------|-------------|-------|-------|
| Boys | Girls | Total | Boys | Girls | Total |
| 491 | 86 | 577 | 424 | 68 | 492 |

20. A) INFORMATION OF NUMBER OF ANIMALS ON LIVESTOCK FARM / LIVESTOCK INSTRUCTIONAL FARM / RESEARCH STATION.

| Sr. No. | Name of college / Institute | Cattle | Buffalo | Sheep | Goat | Poultry | Horse | Total |
|---------|-----------------------------|--------|---------|-------|------|---------|-------|-------|
| | | Nil | | | | | | |
| | Total | | | | | | | |

B) Staff position of farm

| Sr. No. | Designation | CBF, Borgaon | KNPVC, Shirval | CBF, Igatpuri | COVAS, Udgir, Subcentre | COVAS, Udgir | NVC/CBF Telangkhedi | BVC Mumbai |
|---------|-------------|--------------|----------------|---------------|-------------------------|--------------|---------------------|------------|
| | Total | | | | NA | | | |

21. STUDENTS WELFARE AND GYMKHANA

Information on Games /Sports for the year 2011-12, COVAS, Udgir

Gymkhana

| Sr. No. | Game/sports | Date | Organized by (Name of University/college) | No. of students participated |
|---------|---|--------------------|--|------------------------------|
| 1 | Inter University Research Festival (Avishkar) | 13-15 January 2012 | Shivaji University, Kolhapur | 1 |
| 2 | Inter University Cultural Youth Festival | 5 – 9 Nov. 2011 | Maharashtra University of Health Science, Nashik | 1 |
| | Total no. of students participated | | | 2 |

Ashwamedh / Inter University Tournament

| Sr. No. | Game/sports | Date | Organized by (Name of University/college) | No. of students participated |
|---------|-----------------|-----------------------|---|------------------------------|
| 1 | Volley ball (W) | 16 to 19 Feb. 2012 | P.D.K.V., Akola | 3 |
| 2 | Volley ball (M) | | | 1 |
| 3 | Kabaddi (M) | 27 Nov. to 1 Dec 2011 | M.A.U. Parbhani | 1 |
| 4 | Basket Ball (M) | 16 to 19 Feb. 2012 | P.D.K.V., Akola | 2 |
| | Total | | | 7 |

West Zone Inter University Tournament

| Sr. No. | Games /sports | No. of students participated |
|---------|---------------|------------------------------|
| | Nil | |

All India Agricultural Inter Universities Tournament

| Sr. No. | Games / Sports | Date | No. of students participated |
|---------|------------------------------------|------|------------------------------|
| 1 | Nil | | |
| | Total | | |
| | Total no. of students participated | | |

NATIONAL CADET CORPS (N.C.C.)

| Name of Institute | Enrollment | | | | ATC | NIC | 'B' cert passed | 'C' cert passed |
|-------------------|------------|--------|---------|-------|-----|-----|-----------------|-----------------|
| | I yr. | II yr. | III yr. | Total | | | | |
| COVAS, Udgir | NIL | | | | | | | |

NATIONAL SERVICE SCHEME (N.S.S.) COVAS, Udgir

| Sr. No. | Information of work done | Date | Place | No. of students participated |
|---------|-------------------------------|------------|--------------|------------------------------|
| 1 | Mahatma Jyotiba Phule Jayanti | 11.04.2011 | COVAS, Udgir | 85 |
| 2 | Dr.Babasaheb Ambedkar Jayanti | 14.04.2011 | COVAS, Udgir | 85 |

| Sr. No. | Information of work done | Date | Place | No. of students participated |
|--|---|--------------------------------|--------------|------------------------------|
| 3 | Documentary film show on "Independence movement of 1942 at Ashti (Shahid) Wardha - Veergatha" by Rashtraprerna Jyot Samiti Nagpur | 27.04.2011 | COVAS, Udgir | 85 |
| 4 | Anti terrorism and Non-violence day | 21.05.2011 | COVAS, Udgir | 85 |
| 5 | Pt. Jawaharlal Nehru Punyatithi | 27.05.2011 | COVAS, Udgir | 85 |
| 6. | Maharana Pratap Singh Jayanti | 15.06.2011 | COVAS, Udgir | 85 |
| 7. | Rajashi Shahu Maharaj Jayanti International Drug abuse day | 26.06.2011 | COVAS, Udgir | 85 |
| 8 | Vasantrao Naik Jayanti | 01.07.2011 | COVAS, Udgir | 85 |
| 9 | Bal Gangadhar Tilak Punyatithi Annabhau Sathe Jayanti | 01.08.2011 | COVAS, Udgir | 85 |
| 10 | Rajiv Gandhi Jayanti (Sadbhavana day) | 20.08.2011 | COVAS, Udgir | 85 |
| 11 | Ahilyabai Holkar Punyatithi | 07.09.2011 | COVAS, Udgir | 85 |
| 12 | NSS day and Shramsanskar Shibir & guidance | 24.09.2011 | COVAS, Udgir | 85 |
| 13 | Mahatma Gandhi Jayanti Lal Bahadur Shastri Jayanti International Non-violence and Peace Day | 02.10.2011 | COVAS, Udgir | 85 |
| 14 | Indira Gandhi Punyatithi <i>Rashtriya Sankalp Din</i> | 31.10.2011 | COVAS, Udgir | 85 |
| 15 | Indira Gandhi Jayanti Sardar Vallabhbhai Patel Jayanti <i>Rashtriya Ekatmata Din</i> | 19.11.2011 | COVAS, Udgir | 85 |
| 16 | Yashwantrao Chavan Punyatithi <i>Cigarette va tambakujanya padarthache utpadan va sevanmukt abhiyan</i> | 25.11.2011 | COVAS, Udgir | 85 |
| 17 | Indian Constitutional Day | 26.11.2011 | COVAS, Udgir | 85 |
| 18 | Dr.Babasaheb Ambedkar Mahaparinirwan din | 06.12.2011 | COVAS, Udgir | 85 |
| 19 | Savitribai Phule Jayanti | 03.01.2012 | COVAS, Udgir | 85 |
| 20 | Jijau Masaheb Jayanti | 12.01.2012 | COVAS, Udgir | 85 |
| 21 | Netaji Subhashchandra Bose Jayanti | 23.01.2012 | COVAS, Udgir | 85 |
| 22 | Chatrapati Shivaji Maharaj Jayanti | 19.02.2012 | COVAS, Udgir | 85 |
| NSS special camp (01.03.2012 to 07.03.2012) | | | | |
| 23 | Tree plantation | 01.03.2012 | Kodali | 36 |
| 24 | Survey & Folder distribution | 01.03.2012 to 07.03.2012 | Kodali | 36 |
| 25 | Gram Swachhata Abhiyan | 03.03.2012 | Kodali | 36 |
| 26 | Demonstration of "Paneer and Whey drink" making to WSHG | 03.03.2012 | Kodali | 36 |
| 27 | Wall painting of message on AH | 07.03.2012 | Kodali | 36 |
| 28 | Demonstration on Silage making, Azolla production, Urea straw treatment, CMT test, Clean milk production guidance | 04.03.2012 | Kodali | 36 |
| 29 | Blood donation camp | 05.03.2012 | Kodali | 36 |

| Sr. No. | Information of work done | Date | Place | No. of students participated |
|---------|--|------------|--------|------------------------------|
| 30 | Animal Health Camp | 06.03.2012 | Kodali | 36 |
| 31 | Calf rally, deworming and mineral supplement | 07.03.2012 | Kodali | 36 |

Competitive examinations, COVAS, Udgir

| Sr. No. | Examination | No. of students appeared | No. of students selected |
|---------|-----------------------------|--------------------------|--------------------------|
| 1 | AIEEA-PG (ICAR) for 2012-13 | 13 | 11 |

22. Development of Infrastructure facilities

| | |
|---------------------|---|
| VPH | 1. The milk hygiene laboratory, meat hygiene laboratory, Zoonoses and Epidemiology laboratory and Environment hygiene laboratory are being established 2. The equipments/instruments as per VCI norms are being procured |
| Poultry science | Constructed 'Broiler shed' for rearing 1000 broilers under Entrepreneurial Training program. All the essential equipments required for rearing of broilers birds have been procured. |
| Surgery & Radiology | Strengthened with all advanced diagnostic equipments like C-arm, X-ray, Endoscopy, Computed Radiography, Laproscopy, Surgical microscope etc. under RKVY funding. |
| Microbiology | Developed with well advanced Equipments as Small Ruminant Diagnostic Center under RKVY funding. |

23. LIBRARY

A. COVAS, Udgir

| Sr. No. | Item | Total new books added in the year 2011-12 | Total Nos. |
|---------|--------------------------------|---|-------------------------------|
| 1 | Books | 190 | 190 |
| 2 | Periodicals | 25 | 25 |
| | Indian Publication | | |
| 3 | Thesis and other publication | 28 | 28 |
| 4 | Facilities of electronic media | Internet facilities available | Internet facilities available |

RESEARCH ACTIVITIES OF COVAS, UDGIR

Research Recommendations

| Sr.NO. | Title | Recommendation |
|--------|-------|----------------|
| | Nil | Nil |

UNIVERSITY RESEARCH PROJECTS

| Sr. no | Name of agency | No. of Project | Total Cost laks |
|--------|--|----------------|-----------------|
| | Vety. Pharmacology & Toxicology | | |
| 1 | Intramural | 1 | --- |
| 2 | National Innovation Foundarion , Ahemadabad | 1 | 1.20 |
| 3 | Dabur Ayurved Ltd. Baddi. Dist. Solan (H.P.) | 1 | 3.90 |

| | | | |
|---|---|---|-------|
| | Vety.Public Health | | |
| 4 | Education Division, Indian Council of Agricultural Research, New Delhi (Setting up of Experiential Learning Unit in Meat Hygiene and Quality Control | 1 | 51.50 |
| 5 | 12th Five Year Plan, Government of India, New Delhi (Establishment of Livestock Origin Food-borne Pathogens Monitoring Laboratory) | 1 | 106.0 |
| 6 | Rashtriya Krishi Vikas Yojana (RKVY), Department of Animal Husbandry, Dairy Development and Fisheries, Mumbai (Enhancement of Family Income through Value Addition of Milk and Milk Products for Sustainable Livelihood and Rural Development in Latur Region) | 1 | 145.0 |
| 7 | 12th Five Year Plan, Government of India, (In collaboration with Dept. of VPH, Nagpur Veterinary College, Nagpur) (Molecular epidemiology of economically important and public health significant zoonoses | 1 | 325.0 |

COMPLETED AND NEW RESEARCH PROJECTS:
DEPARTMENT OF BIOTECHNOLOGY (DBT), NEW Delhi

| Sr. No | Name of scheme | Name of P.I.& Addresses & Institution | Date of Start | Duration | Total Cost Rs. | Agency |
|--------|----------------|---------------------------------------|---------------|----------|----------------|--------|
| | Nil | Nil | Nil | Nil | Nil | Nil |

DEPARTMENT OF SCIENCE & TECHNOLOGY (DST), NEW DELHI

| Sr. No. | Name of Scheme | Name of P.I.& Addresses & Institution | Date of Start | Duration | Total Cost Rs. | Agency |
|---------|----------------|---------------------------------------|---------------|----------|----------------|--------|
| | Nil | Nil | Nil | Nil | Nil | Nil |

MAHARASHTRA LIVESTOCK DEVELOPEMENT BORD (MLDB), MUMBAI

| Sr. No. | Name of scheme | Name of P.I. & Addresses & Institution | Date of Start | Duration | Total Cost | Agency |
|---------|--|--|---------------|----------|------------|--------|
| 1 | Animal Genetics & Breeding Milk Performance Recording System for a Deoni Breed of Cattle | Dr. S.Z.Ali Professor & Head Dept. of AGB, PGIVS, Akola | 19-11-2008 | 03 | 61.39 | MLDB |
| 2 | Animal Nutrition Assessment of Mineral Profile: Relationship Of Animal, Soil, Feeds And Fodders In Maharashtra For Improvement Of Livestock Production Potential | Dr A B Kanduri, Asst.Professor College of Veterinary and Animal Sciences, Udgir. Dist Latur | 01/04/2008 | 03 | 11.35 | MLDB |

RAJIV GANDHI SCIENCE & TECHNOLOGY COMMISSION (RGS&TC), MUMBAI

| Sr. No | Name of scheme | Name of P.I.& Addresses & Institution | Date of Start | Duration | Total Cost | Agency |
|--------|----------------|---------------------------------------|---------------|----------|------------|--------|
| | Nil | Nil | Nil | Nil | Nil | Nil |

INDIAN COUNCIL OF AGRICULTURAL RESEARCH (ICAR), NEW DELHI

| Sr. No. | Name of scheme | Name of P.I. & Addresses & Institution | Date of Start | Duration | Total Cost Rs. | Agency |
|--|--|--|-----------------|--------------|---|---------------|
| | *Adaptation And Facilitation Of Livestock To Impending Climatic Changes Through Shelter Management | Dr.S.S.Kulkarni, Professor, Dept. of Veterinary Physiology | *November, 2009 | *2007 - 2012 | 80.00 lakhs* Actual disbursed amount Rs. 19.00 lakhs | *NDRI, Karnal |
| * The project was conducted as a part of the National Network Project under the nodal agency NDRI, Karnal (under the leadership of Dr. R.C. Upadhyay, Pricnipal Scientist, Divn. Physiology) and the MAFSU, Nagpur / COVAS, Udgir was involved in the project in November, 2009. The sanctioned amount was Rs. 80.00 lakhs, however, the amount actually disbursed till the closure of scheme in March, 2012 was only Rs. 19.00 lakhs. | | | | | | |

MINISTRY OF AGRICULTURAL GOVERNEMENT OF INDIA New Delhi

| Sr. No. | Name of scheme | Name of P.I.& Addresses & Institution | Date of Start | Duration | Total Cost Rs. | Agency |
|---------|----------------|---------------------------------------|---------------|----------|----------------|--------|
| | Nil | Nil | Nil | Nil | Nil | Nil |

NATIONAL AGRICULTURAL INNOVATION PROJECT (NAIP)

| Sr. No. | Name of scheme | Name of P.I.& Addresses & Institution | Date of Start | Duration | Total Cost Rs. | Agency |
|---------|----------------|---------------------------------------|---------------|----------|----------------|--------|
| | Nil | Nil | Nil | Nil | Nil | Nil |

RASHTRIY KRUSHI VIKAS YOJANA (RKVY) SANCTIONED PROJECTS

| Sr. No. | Name of scheme | Name of P.I. & Addresses | Date of Start | Duration | Total Cost Lakhs | Agency |
|---------|---|---|---------------|------------------------|------------------|------------------------------------|
| 1 | Grassland Development Including Grass Reserve At Agril.Farm Sunegaon | Dr. V.M. Salunke DDR , COVAS,Udgir | 2010-11 | 2 Years | 10.00 | Govt.of Maharashtra. |
| 2 | Strengthening / Modernization of Dept. of Surgery & Radiology and Training to the field veterinarians | Dr.S.S.Pitlawar Dept. of V.S.R. COVAS,Udgir Dr. A.V. Bhonsale, Dept.of Microbiology, | 2010-11 | 2 Years 2 Years | 288.55 | Govt.of Maharashtra Govt.of |

| | | | | | | |
|---|--|--------------|---------|--|--------|-------------|
| 3 | Rapid disease diagnosis in small ruminants | COVAS, Udgir | 2011-12 | | 193.00 | Maharashtra |
|---|--|--------------|---------|--|--------|-------------|

Research Achievements: Nil

Research papers published

| Sr. No | Author | Title | Journal | year | Volume | page No. |
|--------|--|--|--|----------|--------|----------|
| | S.S.Kulkarni et al. | PHYSIOLOGY Biochemical Parameters Of Deccani Sheep In Summer | Indian Vet. J. | Aug 2011 | 88 (8) | 70-71 |
| | Somkuwar, A.P, Kadam , A.S., Shivkumar & Radhakrishnan P.M. | PHARMACOLOGY & TOXICOLOGY Efficacy study of methochelated organic minerals preparation feeding on milk production & fat% in dairy cow. | Veterinary World | 2011 | IV(1) | 19-21 |
| | Dr. Parekar S.S., Somkuwar A.P. | Estrogenic activity of Mucuna pruriens in swiss albino mice | International Research Journal of Pharmacy | 2011 | II(4) | 191-193 |
| | Dr. Parekar S.S., Somkuwar A.P. | Acute oral Toxicity of Mucuna pruriens in swiss albino mice | International Research Journal of Pharmacy | 2011 | II(5) | 162-163 |
| | Akthar, Deshmukh, Raut C.G. A.P. Somkuwar, & Bhagat | Praethrin induced serum biochemical changes in Wistar Rats | International Journal on Pesticide Biochemistry & Physiology | Accepted | | |
| | S P Awandkar, R C Takarkhede, V M Sardar and M B Kulkarni | MICROBIOLOGY Effect of Sodium citrate concentration on quantitation of Rabies Glycoprotein | IVJ | 2011 | 88/6 | 12 |
| | S P Awandkar, R C Takarkhede and V M Sardar | Dissolution of Aluminium phosphate conjugated Rabies vaccine for glycoprotein quantification | IVJ | 2011 | 88/9 | 70 |
| | M.M. Pathan, M.A. Khan ,A.V. Bhosle | PATHOLOGY Cellulitis in red kandhari Bull: A Case Report. | Veteninary World. | 2012 | 5(3) | 183-184 |
| | A.M. Sonphule, M.A.Khan & S.D.Moregaonkar | Babesiosis in a red khandari Bullock: A Necropsy report. | Pashudhan | 2012 | 38(6) | 08 |
| | V.J. Jadhav & V.S. Waskar | VETY.PUBLIC.HEALTH Public health implications of pesticide residues in meat. | Veterinary World | 2011 | 4(4) | 178-182 |
| | V.S. Waskar, P.P. Gosavi, A.A. Devangare, | Meat attributes of chicken broilers raised on Coccihar - A polyherbal coccidiostat feed additive. | Animal Science Reporter | 2011 | 5(1) | 16-21 |

| | | | | | |
|--|---|--|-------------|----------|-------------|
| A.B. Kanduri,S. Mani &K. Ravikanth | | Veterinary World | 2011 | Vol.4(9) | 413- 416 |
| Kanduri A B | ANIMAL NUTRITION Comparative efficacy of supplementation of phytoconcentrate herbal preparation and synthetic amino acid on broiler performance | Indian Journal of Poultry Science | 2011 | 46 (1) | 127- 129 |
| A.H. Deogade, M. Raziuddin, P.N. Zanjad, R.K. Ambadkar And K.S. Rathod | LPT Effect of marination treatment on sensory and physico-chemical quality of chicken curry | Indian J. Anim. Reprod. | 2011 | 32 (1) | 57-58 |
| Patil, A.D., Raghuwanshi, D.S., Kumbhar, U.B. and Shivi Maini | ARGO Effect of herbal drugs and minerals on fertility in post partum anestrus Osmanabadi Goats. | Indian Vet. Journal | 2012 | 89(5) | 40-42 |
| Bharkad, G.P., Markandeya, N.M., Bedarkar, S.N., Patil, A.D. and Raote, Y.V. | Efficacy of fenbendazole feed supplement for bovines. | Intas Polivet | 2011 | 12 (II) | 325- 326 |
| Kumbhar, U.B., Patil, A.D., Raghuwanshi, D.S. and Thorat, K.S. Kumbhar, U.B., Moregaonkar, S.D., Patil, A.D., Chaudhari, K.S., Jadhav, V.L. and Thorat, K.S. | Non surgical management of uterine torsion in Marathwadi buffaloes – A report of 15 cases. Dystokia due to a bull dog calf with hemimelia in a Marathwadi buffalo.: | Indian Vet. J. | 2012 | 89(4) | 67-68 |
| Jadhav, V.L. Moregaonkar S.D.,Patil, A.D. Kumbhar, U.B., Chaudhari, K.S., S.S.Pitlawar and Bhojane N.M. | SURGERY & RADIOLOGY Monstrosity in a non –descript cow | Indian Vet. J. | Aug 2011 | 88(8) | 113- 114 |
| Kumbhar, U.B., Thorat, K.S. Ghoke,S.S. and K.S.Chaudhari Bhikane A. U., Ghoke S. S., Masare P. S., Salunke V. M. and Sayed A. M. Masare, P. S., Ghoke, S. S. and Thorat, K. S. | Management of Delayed Puberty in Marathwadi Heifers With Special reference to metabolic and haematological profile MEDICINE A new approach in clinical management of phosphorous deficiency haemoglobinuria (PDH) in buffaloes | Indian Journal of Animal sciences | Feb 2012 | 82(2) | 174- 175 |
| Thorat, K. S. | Therapeutic management of Colic in a Red Kandhari bullock | Intas Polivet | 2011 | 12(I) | 56- 58 |
| Bhikane, A. U., Hase, P. B., Syed, A. M., Ghoke, S. S. | Efficacy of Herbo-mineral formulation in Subclinical Mastitis in Crossbred Cows | Indian Veterinary Journal | 2011 | 88(10) | 171- 172 |

| | | | | | |
|--|---|---|------|-----------|----------|
| Devangare, A. A. & Awandkar, S. P. | | Pashudhan | 2011 | 37(1) | 8 |
| Pathan, M.M., Moregaonkar, S.D. and Bhikane, A.U. | Parasitic Anaemia in Osmanabadi goat | | | | |
| Bhikane, A.U., Ghadge, H.R. and Hase, P.B. | Treatment of onion poisoning in bullocks | Indian Veterinary Journal | 2011 | 88(5) | 61-62 |
| Devkate, B.R., Bhikane, A.U., Awaz, K.B. and Syed, A.M. | Polyherbal therapy for non specific diarrhoea in bovine | Indian Veterinary Journal | 2011 | 88(5) | 173-174 |
| Ghoke, S. S., Thorat, K. S. & Masare, P.S. | Rodenticide poisoning in a Pomeranian dog: A Case Report. | Intas Polivet | 2011 | 12(II) | 223-224 |
| Ghoke, S. S., Naikwade, B. S., Thorat, K. S., Jogdand, N. K. and Kalaskar, P. S. | Incidence of helminthic infection of captive carnivora of Sidhhartha Munucipal Zoo, Aurangabad, Maharashtra | Zoo's Print | 2012 | XXVII (3) | 25-26 |
| Awandkar S.P. Gosavi P.P. Khode N.V. Jadhav S.G. Mendhe M.S. Kulkarni M.B. & Sardar V.M. | ANIMAL HUSBANDRY EXTENSION Seroepidemiology of Brucellosis in sheep | Indian Veterinary Journal | 2012 | 89(6) | 30-31 |
| Manwar, S. J., Gaikwad, N. Z. Awandkar, S. P. Waskar V. S. Munde V. K. | POULTRY SCIENCE Effect of different sources of drinking water and commercially treated water on immune response, hematological and biochemical parameters in broiler chicken, | <i>Animal Science Reporter</i> | 2011 | 6 | In Press |
| S. J. Manwar, V. S. Waskar, S. P. Awandkar N. Z. Gaikwad | Some Observations on use of Water Acidifier and Sanitizer in Broiler Production, | online at: http://en.englishjournal.com/M-A-poultry-industry/genetic/articles/t1640/103-p0.htm . | 2011 | | |
| Raut, K.A., Raziuddin, M., Zanzad, P.N. Manwar, S.J. | Physicochemical properties and sensory qualities of chicken patties prepared with cereal and non-cereal extenders | Animal Science Reporter | 2011 | 5 | 123-127 |

Papers presented by the Staff Member of the Dept. at Conference, Workshop, Seminar, etc.

| Sr. No | Name Authors | Title of the Research Article | Organized by | Place | Period |
|--------|--|--|--|---------------------------------------|--------------------------------------|
| 1 | Awandkar S.P., Takarkhede R.C., Gaikwad N.Z., Manwar S.J. and Moregaonkar S.D. | Haemato-biochemical observations in reovirus infection in broilers | SAPI | Kolkata, WB | 2011 |
| 2 | Bhikane A.U., Hase P.B., SyedA.M., Ghoke S.S., Devangare A.A. and Awandkar S.P. | Efficacy of herbo-mineral preparation in treatment of sub- clinical mastitis in cross bred cows | IVC | Jaipur, RJ | 2011 |
| 3 | Awandkar S.P., Mendhe M.S., Badukale D.M. and Kulkarni M.B. | Antibacterial activity of Glyceriza gabra against mastitic bacteria | IVA | N. Delhi | 2011 |
| 4 | A.M. Sonphule, M.A. Khan, S.D. Moregaonkar | PATHOLOGY Pathological studies of Idoxacarb in female wister rats | Madras veterinary college | Chennai | 29 -30 TH Dec. 2011 |
| 5 | M.M. Pathan, M.A. Khan | Pesticide Toxicity in wild birds : Increasing Threat. | -do- | Chennai | -do- |
| 6 | Khune, S.B., Sherikar, A.T., Sherikar, A.A., Paturkar, A.M. & Waskar, V.S. | VETY. PUBLIC HEALTH Assessment of keeping quality of sheep/goat meat by microbiological and chemical indices. | Indian Association of Vety. Public Health Specialists (IAVPHS) | Bombay Vety. College, Mumbai | 28-29 Jan., 2011 |
| 7 | Devangare, A.A., Baig, M.I., Karpe A.G & Waskar, V.S. | Characterization and plasmid profiling of lactic acid bacteria isolated from market samples of <i>dahi</i> . | - do - | - do - | - do - |
| 8 | Waghamare, R.N., Zende, R.J., Waskar, V.S. & Paturkar, A.M. | Comparison of chromogenic L.monocytogenes differential agar with PALCAM for isolation of <i>Listeria</i> spp. from milk samples. | - do - | - do - | - do - |
| 9 | Kulkarni, D.S., Zende, R.J., Paturkar, A.M., Waskar, V.S. Gaikwad, G.P., Chakkath, T. & Waghamare, R.N. | Detection of arsenic residues in milk by atomic absorption spectrophotometry. | - do - | - do - | - do - |
| | Kadam, A.B., | | | - do - | - do - |

| | | | | | |
|----|--|---|--|----------------------------|-----------------------|
| 10 | Waskar, V.S., Paturkar, A.M. & Zende, R.J. | Assessment of Hazard Analysis and Critical Control Point (HACCP) approach in pig slaughterline. | - do - | | |
| 11 | 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. | - do - | - do - | - do - |
| 12 | 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. | - do - | - do - | - do - |
| 13 | 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. | - do - | - do - | - do - |
| 14 | 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. | - do - | - do - | - do - |
| 15 | 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. | - do - | - do - | - do - |
| 16 | Gaikwad, G.P., Waskar, V.S., Paturkar, A.M., Kulkarni, D.S., Waghmare, R.N. & Palve, S.S. | Surveillance of sheep/goat tissue samples for residues of carbamate pesticides using LC/MS/MS technique. | - do - | - do - | - do - |
| 17 | Gaikwad, G.P., Waskar, V.S., Paturkar, A.M., Zende, R.J. & Palve, S.S. | Standardization of LC/MS/MS technique for detection of residues of carbamate pesticides in animal tissues. | - do - | - do - | - do - |
| 18 | Waghmare, R.N., Zende, R.J., Barbudhe, S.B., Waskar, V.S. & Paturkar, A.M. | Molecular characte-rization of <i>Listeria Monocytogenes</i> isolated from milk samples. | 2 nd Internationa l Food Safety and Zoonoses Symposium | Chiang Mai, Thailand | 21-22 July 2011 |
| | | ANIMAL NUTRITION | | | |

| | | | | | |
|----|---|---|--------|----------------------------|------|
| 19 | Dr Kanduri A B Dr Munde V K Dr Kokane S S | Efficacy of herbal hypo-cholesrolmic supplement on serum and egg yolk cholesterol in layer egg. | IAVNAN | Durg (Chhattisgarh, India) | 2011 |
|----|---|---|--------|----------------------------|------|

Participation of Scientist / staff Member in Conferences, Meeting, Workshop, Symposium in India and Abroad.

| Sr. No. | Name of staff member | Conference/Meeting /Workshop etc. attended | Place | Period |
|---------|-------------------------------|--|---------------------------------|--------------------------------|
| 1 | V.S.Waskar | 9 th Annual Conference of Indian Association of Veterinary Public health Specialist IAVPHS | Bomby Veterinary College Mumbai | 28-29 Jan.2011 |
| 2 | A.D. Patil | State symposium of Mahavet Satara and ISSAR on, 'Recent advances in reproductive technologies and obstetrical procedures for augmenting fertility in farm animals' | Panchgani | 5 th February, 2012 |
| 3 | A.D.Patil | Current Diagnostic Practices in Animal Health' under ASCAD – 2011-12 | Nagpur | 20 th March 2012, |
| 4 | C.L.Badgujar | Seminar on Small Animal Anaesthesiology by PPAM | Mumbai | 9 Oct 2011 |
| 5 | All Teaching Staff of College | 1 Day Seminar on Current Trends in the Canine Practice | COVAS Udgir | 15 th July, 2012 |
| 6 | V.M.Salunke P.V. Patil | One day workshop for LDOs and Progressive Farmers under ASCAD | Osmanabad | 27 Jan 2012 |

Meeting of Staff Research Council

| Sr. No. | NO. of Project discussed | NO. of New Project discussed | Date/Place | No. of Participants | Remarks |
|---------|--------------------------|------------------------------|------------|---------------------|---------|
| 1 | 72 | 28 | 9 Jan 2012 | 50 | -- |

Linkage and Collaboration in India and Abroad for Funding the Project.

| Sr. No. | Title of the Project | Collaboration /funding agency | Date of start of project | Date of completion |
|---------|----------------------|-------------------------------|--------------------------|--------------------|
| | Nil | Nil | Nil | Nil |

EXTENSION ACTIVITIES**33. EXTENSION ACTIVITIES CARRIED OUT BY MAFSU, NAGPUR THROUGH PUBLICATIONS AND OTHER EXTENSION MEDIA**

| College | Leaflets/ Booklets | Books | Local publication (newspaper) | Publications (periodicals) | Radio & T.V.Talks | Practical demonstrations |
|---|-----------------------|-----------|-------------------------------------|-------------------------------|----------------------|-----------------------------|
| ARGO | 00 | 00 | 04 | 00 | 00 | 04 |
| V. & A.H. Extension | 00 | 00 | 01 | 01 | 02 | 03 |
| Clinical & Preventive Medicine | 00 | 00 | 03 | 03 | 01 | 18 |
| Veterinary Microbiology | 00 | 00 | 07 | 05 | 00 | 00 |
| Poultry science | 00 | 00 | 01 | 03 | 00 | 00 |
| TVCC | 00 | 00 | 00 | 02 | 01 | 05 |
| Biochemistry | 00 | 00 | 03 | 00 | 00 | 00 |
| Physiology | 00 | 00 | 00 | 01 | 00 | 00 |
| Pathology | 00 | 00 | 02 | 02 | 01 | 04 |
| VPH | 01 | 01 | Nil | 13 | Nil | 01 |
| TOTAL COVAS, Udgir | 01 | 01 | 23 | 40 | 05 | 44 |

**34. Short Term Courses Organized for Officers
COVAS, Udgir**

| Sr. No. | Subject | Title | Period | No. of trainees |
|---------|---|---|-----------------------|-----------------|
| 1 | Training programme organized by Department of Livestock Products Technology | Utilisation of livestock by-products & waste disposal | 21-28, November 2011. | 22 |
| 2 | Artificial Insemination | Refresher training course on 'Artificial Insemination' - for 5 days | 18 – 22, April 2011 | 31 LDO |
| 3 | | | 25 – 29, April 2011 | 27 ALDO/LSS |
| 4 | | | 2 – 6, May 2011 | 24 ALDO/LSS |
| 5 | | | 9 – 13, May 2011 | 17 ALDO/LSS |
| 6 | | | 14 – 18 June 2011 | 27 ALDO/LSS |
| 7 | | | 20 – 24 June 2011 | 14 LDO |
| 8 | ASCAD – 2011-12 | Modern diagnostic equipments in Veterinary Profession – for 5 days | 3 - 7, March, 2012 | 14 ACAH / LDO |
| 9 | | | 12 – 16, March, 2012 | 14 ACAH / LDO |

35. Short Term training Courses for farmers

COVAS, Udgir

| Sr. No. | Title | Subject | Place | Duration | No. of farmers participated |
|---------|---------------|--------------------------|--------|---|-----------------------------|
| 1 | Dairy Farming | Profitable Dairy farming | Kodali | 1 st July to 5 th July 2011 | 20 |

36. Veterinary, Dairy and Fishery Exhibitions

COVAS, Udgir

| Sr. No. | Subject | Place | Date | No. of farmers visited |
|---------|--------------------------------------|-------------------------|---------------------|------------------------|
| 1 | Vision career fair | Solapur | 13 to 14 May 2011 | 78 |
| 2 | Krishi Mela 2011 | UAS, Dharwad, Karnataka | 09 to 12 Sept. 2011 | -- |
| 3 | Livestock exhibition | COVAS, Udgir | 07.10.2011 | -- |
| 4 | Cattle show | Malegaon, Dist. Nanded | 25.12.2011 | -- |
| 5 | Cattle show | Latur | 23.02.2012 | -- |
| 6 | Livestock exhibition and cattle show | Udgir, Dist. Latur | 25.03.2012 | 58 |

37. Visit to dairy farms

COVAS, Udgir

| Sr. No. | Topic | Place | Date | Purpose |
|---------|--------------------------------------|------------------------------------|-------------|--------------------------------------|
| 1 | Technical advice | Poultry Farm, Banshelki Rd., Udgir | Oct. 2011 | Technical advice |
| 2 | Technical advice | Poultry Farm, Banshelki Rd., Udgir | Nov. 2011 | Technical advice |
| 3 | Technical advice | Poultry Farm, Banshelki Rd., Udgir | Dec. 2011 | Technical advice |
| 4 | Screening of animals for brucellosis | ILFC, COVAS, Udgir | Dec. 2011 | Screening of animals for brucellosis |
| 5 | Technical advice | Poultry Farm, Banshelki Rd., Udgir | Jan. 2012 | Technical advice |
| 6 | Screening of animals for brucellosis | Sub Center, COVAS, Udgir | March, 2012 | Screening of animals for brucellosis |

38. No. of cases treated and vaccinated in Hospital, Ambulatory Clinic and Animal Health camps

| Sr. No. | College | Hospital | | Ambulatory clinic | | Camps | | No. of camps |
|---------|--------------|-----------|-------------|-------------------|-------------|-----------|-------------|--------------|
| | | Treatment | Vaccination | Treatment | Vaccination | Treatment | Vaccination | |
| 1 | COVAS, Udgir | 4734 | 110 | 653 | 1505 | 7380 | 4376 | 18 |

39. Farmers visit to Departments
COVAS, Udgir

| Sr. No. | No. of farmers | Department | Topic discussed | Date |
|---------|----------------|----------------------------|--|---------|
| 1 | 12 | ARGO | Animal Reproduction | 2011-12 |
| 2 | 11 | V. & A. H. Extension | Animal Husbandry & backyard poultry farming | 2011-12 |
| 3 | 2916 | Veterinary Medicine & TVCC | Illness of Animal & Treatment | 2011-12 |
| 4 | 4 | Microbiology | Clean Milk Production | 2011-12 |
| 5 | 10 | PSC | Commercial layer and broiler production | 2011-12 |
| 6 | 12 | Veterinary Pathology | Disease prevention & control measures, pigeons P.M., poultry vaccination and disease management | 2011-12 |
| 7 | 9 | VPH | Health effects of drinking hard water, utilization of slaughter waste, treatment of child bitten by cat suspected for rabies | 2011-12 |

40. List of eminent visitors
COVAS, Udgir

| Sr. No. | Name & Designation | Full address | Purpose | Date |
|---------|--|---|--------------------------------------|---------------------------|
| 1 | Hon'ble Dr. C.S.Prasad Hon'ble Vice Chancellor | MAFSU, Nagpur | Inauguration of new college building | 01.10.2011 – 07.10.2011 |
| 2 | Hon'ble Minister. Shri. Vilasraoji Deshmukh Minister of Sciense & Technology | Government of India, New Delhi | | 07.10.2011 |
| 3 | Hon'ble Minister Shri. Madhukarraoji Chavan, Minister of Department of Animal Husbandry, Dairy & Fishery | Government of Maharashtra | | 01.10.2011 and 07.10.2011 |
| 4 | Shri. Anil Diggikar, Secretary, | Dept. of Animal Husbandry, Dairy & fishery, Government of Maharashtra | | 07.10.2011 |
| 5 | Shri. Eknathrao Dawale, Dy. Secretary | | | 01.10.2011 and 07.10.2011 |
| 6 | Dr. Vipin Sharma, Collector Latur District | Latur | | 07.10.2011 |
| 7 | Hon'ble Shri. Jaywantrao Awale MP, Latur | Latur | | 07.10.2011 |
| 8 | Hon'ble Shri. Sudhakarao Bhalerao, MLA, Udgir | Udgir, Dist. Latur | | 01.10.2011 and 07.10.2011 |
| 9 | Dr. Abdul Samad, DI & Dean | MAFSU, Nagpur | | Oct. 2011 |
| 10 | Dr. L.B. Sarkate, Director of Research | MAFSU, Nagpur | | Oct. 2011 |
| 11 | Dr. P.D. Deshpande, Director of Extension & Training | MAFSU, Nagpur | | Oct. 2011 |

| Sr. No. | Name & Designation | Full address | Purpose | Date |
|---------|----------------------------------|--|---|------------|
| 12 | Dr. Mohan Wani Scientist 'E', | National Centre for Cell Science NCCS Complex, Pune University Campus Ganeshkhind, PUNE | Investigation on Leucoderma in Buffaloes | 27/11/2011 |
| 13 | Dr. Rajesh Gokhale, Director | IGIB, New Delhi | | |
| 14 | Dr. Vivek Natrajan, Scientist | IGIB, New Delhi | | |

41. Seminar and Group discussions in colleges
COVAS, Udgir

| Sr. No. | Date | Subject | Topic | Place | No. of students / farmers attended |
|---------|-----------------------------|---------------------|---|------------------|---------------------------------------|
| 1 | 15 th July, 2011 | canine practice' | Current trends in canine practice' | COVAS, Udgir. | 104 |
| 2 | 31/01/2012 | Toxicology | Recent Developments In Insecticides | COVAS, Udgir | All P.G. students & staff Members |

42. Other information related to extension programmes. COVAS, Udgir

List of the other activities/ lectures delivered by the staff of Various Section.

- i. Delivered lecture at training programme at Mukhed, Dist. Nanded on "Opportunities in dairy industry and dairy farm management" Dt.16 July 2011
- ii. Developed 25 posters
- iii. Organized film show on "Animal Husbandry" on 28 July 2011 at Dept of Extension
- iv. Answered queries of livestock owners.
- v. Guidance during Krishi Dindi 2011
- vi. Submitted project to MAFSU, Nagpur for establishment of Pashu Vigyan Kendra at Udgir
- vii. Conducted Extension survey
- viii. Answered hundreds of queries raised by LS farmers on mobile phone
- ix. Demonstrations on CMT and clean milk production .
- x. Group discussion on clean milk production
- xi. Guided farmers and answered queries of the farmers telephonically.
- xii. Delivered lecture at training programme at Mukhed, Dist. Nanded on "Poultry farming" Dt.16 July 2011
- xiii. Delivered lectures in MLDB sponsored training program organized by the Dept. of Gynaecology in March 2012 for state LDO's
- xiv. Delivered two lecture on each topic viz. 'Postmortem examination techniques' and 'Haematological examination' during MLDB training
- xv. Entrepreneurship Development Training Programme 01/08/2011 to 08/08/2011 was arranged by the staff for 23 and 24 students/ farmers by the funding of ICAR
- xvi. Published the information of weather parameters – rainfall, temperature, humidity etc. alongwith specific events daily in the local newspapers as a regular activity for the information to farmers/folk and for general awareness.
- xvii. Provision of information of weather parameters and events to the correspondents of media on telephonic enquiry from their side.
- xviii. Delivered lectures in MLDB sponsored training program organized by the Dept. of Gynaecology in March 2012 for state LDO's

43. Awards and Recognitions received by staff and students COVAS, Udgir

1. **Dr. V.S. Waskar I/C Professor Vety.Public Health.** was conferred with Fellow of Indian Association of Veterinary Public Health Specialists (FIAVPHS) during 9th Annual Conference at Bombay Veterinary College, Mumbai on 28.1.2011.
2. **Dr A U Bhikane, Associate Professor (VCM):**
Awarded with Vidyasagar Malkapatte Memorial Award by Late Vidyasagar Malkapatte Smruti Pratishthan, Pune on 19th September, 2011 for significant contribution in teaching, research and extension activities in the field of Veterinary Science
Acted as Member, Academic Council cum Convener, Board of Studies in Agriculture and Animal Sciences, MSBSHE, Pune
Acted as referee for Indian Veterinary Journal
3. **Dr Anil D Karale, Graduate of COVAS, Udgir,** awarded with V A Sapre Gold Medal for securing highest marks in Clinical Medicine at MAFSU level in convocation held in 2012.
4. **Dr. Ashish A Pawar, Graduate of COVAS, Udgir,** awarded with V A Sapre Gold Medal for securing highest marks in Clinical Medicine at MAFSU level in convocation held in 2012.
5. **Mr. Sachin Sanap:** Undergraduate student of COVAS, Udgir, bagged third prize in TANUVAS-Michigan University International Symposium held at Chennai during 14-15th July, 2011 for presentation of Clinical Case report of Tetanus in Calf.
6. **Dr. S. P. Awandkar, Asst. Professor of Microbiology** has been recognised as reviewer for “Journal of Dairy Science” an international journal of repute published by American Dairy Association.
7. Dr. Panjabrao Deshmukh Samaj Bhushan Puraskar – **Prof. C.R.Joshi**
8. Pustak Mitra Puraskar - **Prof. C.R.Joshi**
9. Act as a reviewer for the Indian Journal of Animal Science (**Dr.S.J.Manwar**)