PLEASE FURNISH FOLLOWING INFORMATION FOR ANNUAL REPORT 2020-21 IN <u>ENGLISH (TIMES NEW ROMAN FONT, SIZE - 12) AND IN MARATHI (KRUTI DEV 035 FONT, SIZE-14)</u>

PROFORMA FOR ANNUAL REPORT 2021-22 (01.04.2021-31.03.2022)

(For Colleges)

Name of College – Year of Establishment-

1. ESTABLISHMENT FACILITIES (Yes/No)

| Facilities at Colleges | Yes/No |
|--|--------|
| Anti Ragging Cell | Yes |
| Board of Studies | |
| Biological Waste Disposal Facility | Yes |
| Internal Quality Assurance System, | Yes |
| Committee For Prevention of Sexual Harassment of Women at Work | Yes |
| Places | |
| Institutional Ethics Committee for Experiment on Animals | Yes |

१. आस्थापनाविषयकसुविधा (हो/ नाही)

| महाविद्यालयातीलसुविधा | हो/ नाही |
|--|----------|
| ॲटीरॅगिंगसेल | हो |
| अभ्यासमंडळ | |
| जैविककचराविल्हेवाटलावण्याचीसुविधा | हो |
| अंतर्गतगुणवत्ताआश्वासनप्रणाली | हो |
| कार्यस्थळांवरमहिलांचेलैंगिक छळ रोखण्यासाठीसमिती | हो |
| प्राण्यांवरप्रयोगकरण्यासाठीसंस्थात्मकनीतिशास्त्र समिती | हो |

2. HOSTEL

Students Accommodated in Hostels.

| | Bo | Boys Hostel | | Girls Hostel | | |
|---|--------------------------|--------------------|-----------------|-------------------|--------------|-----------------|
| Name of Colleges | Name of Hostel | No. of rooms | No. of students | Name of Hostel | No. of rooms | No. of students |
| College of Veterinary and Animal Sciences, Udgir | Nakul Boy's Hostel | 60 | 116 | NA | | |

| | मुला | चेवसतिग <u>ृ</u> ह | | मुर | लींचेवसतिगृह | |
|---|------------------------|--------------------|------------|------------|--------------|------------|
| महाविद्यालयाचेनांव | वसतिगृहाचे | खोल्यांची | विद्यार्थी | वसतिगृहाचे | खोल्यांची | विद्यार्थी |
| | नांव | संख्या | संख्या | नांव | संख्या | संख्या |
| पशुवैद्यक व पशुविज्ञानमहाविद्यालय , उदगीर | नकुलमुलां चेवसतीगृह | ६० | ११६ | नाही | | |

3. LIBRARY

Library Holdings

| Sr. No. | Name of College | Item | Number of Books Available | New Books Purchased / added |
|------------|--------------------|---------------------|------------------------------|-----------------------------------|
| | | Books | 7658 | 135 |
| 1 | COVAS, | Journals | 267 | 0 |
| 1 | Udgir Library | Other Publications | 95 | 18 |
| | | Electronic Database | 0 | 0 |

| अ. क्र. | महाविद्यालय | विवरण | खरेदीकेलेलीपुस्तके | नविन खरेदी केलेलीपुस्तके |
|------------|-------------------------|-------------------------|--------------------|-----------------------------|
| | | पुस्तके | ७५२३ | 0 |
| | | संशोधननियतकालिके | २६७ | О |
| \$ | पवैपम, उदगीरग्रंथालय | इतरप्रबंध व प्रकाशने | ९५ | १८ |
| | | इलेक्ट्रॉनिकप्रकाशने | 0 | 0 |

4.IT FACILITIES (Yes/No)

| Facilities at Colleges | Yes/No |
|--------------------------------------|--------|
| Internet Facility (Use of ICT Tools) | Y |
| Virtual Classroom/ Smart Classroom | Y |
| Language Laboratory | Y |
| Digital College Library | N |

| महाविद्यालयातीलसुविधा | हो⁄ नाही |
|---------------------------------------|----------|
| इंटरनेटसुविधा (आयसीटी साधनांचा वापर) | हो |
| व्हर्च्युअलक्लासरूम / स्मार्टक्लासरूम | हो |
| भाषाप्रयोगशाळा | हो |
| डिजिटलवाचनालय | नाही |

5. WEBSITE-

Addresses of College Website: www.vcudg.in

महाविद्यालयाचेसंकेतस्थळ www.vcudg.in

6. CLASSROOMS AND LABORATORIES

Classrooms and Laboratories: Mention the number of class rooms and functional laboratories available for the degree programme

| Sr. No. | Facilities | Numbers |
|---------|------------------|---------|
| 1 | Classrooms | 04 |
| 2 | Smart classrooms | 01 |
| 3 | Laboratories | 18 |
| 4 | Library | 01 |

वर्गखोल्याआणिप्रयोगशाळा

| अ.क्र. | सुविधा | संख्या |
|--------|-------------------|--------|
| \$ | वर्गखोल्या | 08 |
| २ | स्मार्टवर्गखोल्या | oξ |
| R | प्रयोगशाळा | १८ |
| 8 | वाचनालय | 08 |

7. FACILITIES FOR STUDENTS

| Name of College | Facility available (Yes) / Not Available (No) |
|--|--|
| Student READY/ In-Plant Training / Internship / Experiential | Yes |
| Learning Programmes | |
| NCC | No |
| NSS | Yes |
| RVC Units | No |
| Cultural center | Yes |
| Personality development programme | Yes |
| Examination hall | Yes |
| Sports and Recreation Facilities | Yes |
| Auditorium | No |
| Exhibition Hall/Museum | Yes |
| Placement Cell | Yes |

विद्यार्थ्यांसाठीसुविधा

| महाविद्यालयातीलसुविधा | सुविधाआहे/ नाही |
|------------------------------------|-----------------|
| विद्यार्थीसज्ज/इन-प्लांटप्रशिक्षण/ | आहे |

| इंटर्निशप/अनुभवात्मकशिक्षणकार्यक्रम | |
|-------------------------------------|------|
| एनसीसी/ एनएसएस/ आरव्हीसी युनिट्स | नाही |
| सांस्कृतिककेंद्र | आहे |
| व्यक्तिमत्वविकासकार्यक्रम | आहे |
| परीक्षाहॉल / सभागृह | आहे |
| खेळआणिमनोरंजनसुविधा | आहे |
| सभागृह | नाही |
| प्रदर्शनहॉल / संग्रहालय | आहे |
| नोकरभरती कक्ष | आहे |

8. STUDENT PERFORMANCE IN NATIONAL EXAMINATIONS:

Provide detailed information in tabular form about student performance in JRF/SRF/NET/ARS/and other national examinations. **Only those students receiving fellowships should be mentioned here.**

| Students performance in National Examinations (Mention Number) | | | | | |
|---|-----|-----|-----|-----|--|
| Year | ARS | SRF | JRF | NET | |
| 2021-22 | Nil | Nil | Nil | Nil | |

SCHOLARSHIPS/ FELLOWSHIPS

| Name of college | | 2021-22 (No. of Students) To be provided by College | | | To be provided by DSW | | | | | |
|-----------------------|----|--|------------------|--------|--|-----|-----------------------------------|---|-------------------------------------|--|
| | NT | TS | Schola s/Free | arship | Other Scholarsl | | harajShik aParatip (For the | eShahuMa kshanShulk burtiYojna year 2021- 22) | hmukhVa NirvahBh a (For th | braoDes astigruha nattaYojn a ne year L-22) |
| | UG | PG | UG | PG | UG | PG | UG | PG | UG | PG |
| COV AS, Udgir | 31 | 02 | 107 | 13 | 03 Pandit Dindayal Upadhay scholarship | Nil | | | | |

9. STUDENTS PLACEMENT PROFILE: 2021-22

Placement Profile of students in various sectors for 2021-22 is as under

| Student Placement Profile | | | | | | |
|---------------------------|-----|------|------------------|-------|---------------|--------|
| Year | ARS | Govt | Private Industry | Self- | NGO's & other | Higher |

| | | Service | | employed | institutions | education |
|---------|-----|---------|---|----------|--------------|-----------|
| 2021-22 | Nil | 59 | Dr. S.M. Devale, Joined in Venketeshwar group in production division, Hyderabad, 22 Feb. 2022 | | | |
| | | | डॉ. एस.एम. देवळे, प्रॉडक्शन विभागात व्यंकटेश्वर ग्रुपमध्ये सामील झाले | | | |

10. AWARDS/RECOGNITIONS/CERTIFICATES

Awards/Recognitions/Certificates by the Students during 2021-22:

| Sr.No. | Name of Student | Name of Award / Achievement | Awarding Agency | Date | Place |
|-----------|--------------------|-----------------------------|--------------------|------|-------|
| 1.English | Nil | | | | |
| 1.Marathi | | | | | |

11.EMPLOYABILITYinEnglish and Marathi

What are the set of achievements such as skills, understandings and personal attributes that make college students more likely to gain employment and be successful in their chosen occupations, which benefits themselves, the workforce, the community and the economy. Provide one page note on the subjects.

12.CAPACITY BUILDING OF FACULTY AND STAFF DEVELOPMENT (HUMAN RESOURCE DEVELOPMENT)

Efforts are always on to train the faculties in their area of interest as a part of human resource development. The young faculties are always encouraged to participate in the seminars, conferences training programmes not only in the country but abroad also. The University is regularly deputing the faculties for such events. The funding agencies and especially ICAR provides regular funding for development of human resource in the University. Following is the list of faculty memberswho participated in HRD programmes.

| Sr. No. | Name of the college | Number of faculty undergone training and participated in conference/ workshop/ seminar |
|------------|--|--|
| 1 | College of Veterinary and Animal Sciences, Udgir | 77 |

Details

| Sr. No. | Name of Faculty with designation and department | Name of trainings/ conference/ workshop/ seminaretc | Date/ Duration from to | Place |
|------------|--|---|------------------------------|---|
| 1 | Dr.Mangesh M. Vaidya Assistant Professor Vet. Physiology | | 23.04.2021 | ICAR NRC Meat and MANAGE Hyderabad |
| 2 | Dr.N.V.Khode, Assistant Professor, Veterinary Extension Education | Webinar on "Innovative extension strategies for sustainable livestock development" | 29.04.2021 | Online mode by Madras Veterinary College, TANUVAS, Chennai |
| 3 | Dr.R.D.Suryawanshi Asst.Professor,VPH | National E-training programme on "Chemical Residue Analysis" organized under ICAR-NAHEP- CAAST project | 04.05.2021 to 06.05.2021 | Mumbai Veterinary College, Mumbai |
| 4 | Dr. G. M. Gadegaonkar Associate Professor, Department of Animal Nutrition, COVAS, Udgir. | Climate Smart- Dairying in the context of global warming from CAADECCS-KVASU& MANAGE | 04.05.2021 to 07.05.2021 | Hyderabad |
| 5 | Dr. G. M. Gadegaonkar Associate Professor, Department of Animal Nutrition, COVAS, Udgir. | Chemical residue analysis, ICAR- NAHEP CAAST Project | 04.05.2021 to 06.05.2021 | Mumbai Veterinary College, Mumbai |
| 6 | Dr. S.P. Awandkar, Assistant Professor, Veterinary Microbiology | Laboratory Quality System Management and Internal Audit as per ISO/IEC - 17025:2017 | 17.05.2021 to 21.05.2021 | Online |
| 7 | Dr.R.D.Suryawanshi Asst.Professor,VPH | Laboratory Quality System Management and Internal Audit as per ISO/IEC - 17025:2017'. | 17.05.2021 to 21.05.2021 | National Institute of Plant Health Management, Hyderabad |

| 8 | Dr.N.V.Khode, Assistant Professor, Veterinary Extension Education | Online training programme on "Formation, management and strengthening of farmer producer organizations (FPOs) in rainfed agriculture" | 19.05.2021 to 21.05.2021 | MANAGE Hyderabad |
|----|--|---|-----------------------------|--|
| 9 | Dr.Mangesh M. Vaidya Assistant Professor Vet. Physiology | Gene cloning Advances and Applications in Veterinary Sciences | 31.05.2021 - 4.06.2021 | ICAR-NAHEP CAAST, project MVC Mumbai |
| 10 | Dr.R.D.Suryawanshi Asst.Professor,VPH | One Week International e-training on "Gene Cloning: Advances and Applications in Veterinary Sciences" organized under ICAR- NAHEP-CAAST Project | 31.05.2021 to 04.06.2021 | by Mumbai Veterinary College, Mumbai |
| 11 | Dr.Mangesh M. Vaidya | Theorotical foundations | | |
| | Assistant Professor Vet. Physiology | of Educational Technology | 30.06.2021 | (NAARM, Hyderabad) |
| 12 | Dr. S.P. Awandkar, Assistant Professor, Veterinary Microbiology | Theoretical foundations in educational technology (NAARM) | 01.06.2021 to 30.06.2021 | Online |
| 13 | Dr. Sambhaji Chavhan Assistant Professor, Department of Veterinary Pathology, COVAS, Udgir | Theoretical Foundations of Educational Technology. (MOOC Training Organized by NAARM) | 01.06.2021 to 30.06.2021 | Online |
| 14 | Dr. G. M. Gadegaonkar Associate Professor, Department of Animal Nutrition, COVAS, Udgir. | Theoretical Foundation of Educational Technology- MOOCS, ICAR NAARM | 01.06.2021 to 30.06.2021 | Online |
| 15 | Dr A. D. Patil Assistant Professor Department of ARGO | (Massive Open Online Course) on Theoretical Foundations of Educational Technology | 01.06.2021 to 30.06.2021 | ICAR-National Academy of Agricultural Research Management (NAARM), Hyderabad |

| | | | | (Online) |
|----|---|--|-----------------------------|---|
| 16 | Dr W A A Rzaaque Assistant Professor Department of ARGO | (Massive Open Online Course) on Theoretical Foundations of Educational Technology | 01.06.2021 to 30.06.2021 | ICAR-National Academy of Agricultural Research Management (NAARM), Hyderabad (Online) |
| 17 | Dr Neelam Kushwaha Hospital Registrar, VCM, TVCC | MOOC on "Theoretical Foundation of Educational Technology" | 01.06.2021 to 30.06.2021 | ICAR-National Academy of Agricultural Research Management (NAARM), Hyderabad (Online) |
| 18 | Dr.N.V.Khode, Assistant Professor, Veterinary Extension Education | MOOC training programme on "Theoretical foundation in Education Technology" | 01.06.2021 to 30.06.2021 | NAARM Hyderabad |
| 19 | Dr.R.C.Kulkarni, Assistant Professor, Department of Poultry Science | MOOC training programme on "Theoretical foundation in Education Technology" | 01.06.2021 to 30.06.2021 | NAARM Hyderabad |
| 20 | Dr.R.D.Suryawanshi Asst.Professor,VPH | National Webinar on "Safe Food Today for a healthy tomorrow" organized under ICAR- NAHEP-CAAST Project | 07.06.2021 | by Mumbai Veterinary College, Mumbai. |
| 21 | Dr. M K Patil Asst Prof VPT | One day Webinar on 'Systematic Approaches for achieving Health Benefits of Medicinal Plants' organized by Society for promotion of Farm and Companion Animals, | 16.06.2021 | Bihar Animal Sciences Unniversity, Patna. (Online Mode) |
| 22 | Dr. MK Patil Asst Prof VPT | One Day Webinar on "Animal Health Management for | 04.07.2021 | Indian Veterinary Association. |

| | | Effective | | (Online Mode) |
|----|---|---|---------------|---------------------------------|
| | | Implementation of One | | |
| | | Health" by | | |
| 23 | Dr. N. Z. Gaikwad, | National Webinar on | 06.07.2021 to | College of |
| | Professor | World Zoonoses Day | 09.07.2021 | Veterinary |
| | | j | | Science, AAU, |
| | | | | Khanapara |
| | | | | (Attended |
| | | | | Online) |
| 24 | Dr. S.Y.Shirale | Participated in | 06.07.2021 | National |
| | | Seminar on "One health | | Research |
| | | approach for controlling | | Centre Camel, |
| | | zoonoses" organized by | | Bikaner |
| | | ICAR- National | | |
| | | Research Centre Camel, | | |
| | | Bikaner | | |
| 25 | Dr A. D. Patil | E-Symposium on, 'Sustainable Buffalo | 07.07.2021 | ISBD and ICAR- CIRB (Online) |
| | Assistant Professor, Veterinary ARGO | Production Through | | CINB (Offilite) |
| | v otormary rires | Integration of | | |
| | | Reproduction, Nutrition, | | |
| | | Health and Knowledge Dissemination' | | |
| 26 | Dr.N.V.Khode, Assistant | Orientation cum training | 16.07.2021 to | Society of |
| | Professor, Veterinary | programme on 'Use of | 19.07.2021 | Krishi Vigyan, |
| | Extension Education | statistical tools in | | Kolkata |
| | | agriculture and allied | | |
| | | fields" | | |
| 27 | Dr.B.S.Khillare | Stastical Tools in | 09.08.2021 to | COVAS, |
| | Asso.Prof. | Research and Data | 14.08.2021 | Parbhani |
| | Parasitology | Analysis organized by | | |
| | | Department of Animal | | |
| | | Genetics and breeding | | |
| | D MATTER A 1 | COVAS, Parbhani | 00.00.0001 | COTTAG |
| 28 | Dr.N.V.Khode, Assistant | National Training on | 09.08.2021 to | COVAS, |
| | Professor, Veterinary Extension Education | "Statistical tools in research and data | 14.08.2021 | Parbhani |
| | EAGISION EQUCATION | analysis" | | |
| | | anarysis | | |
| 29 | Dr M K Patil | National Training on | 09.08.2021 to | COVAS, |
| | Asst Prof VPT | "Statistical tools in | 14.08.2021 | Parbhani |
| | 7.100(1101 (11 | research and data | | |
| | | analysis" | | |
| | <u> </u> | L | <u> </u> | l |

| 30 | Dr M K Patil | Webucation program on | 14.08.2021 | PharmaState |
|----|---|--|---------------------------|--|
| | A D CYPE | Being Independent In | | ACADEMY |
| | Asst Prof VPT | Academic Writing | | (Online) |
| 31 | Dr M K Patil | Webinar on 'An Update | 19.08.2021 | Continuing |
| | Asst Prof VPT | on Bovine Mycotoxicosis' | | Veterinary Education- Alembic Pharmaceutical |
| 32 | Dr. S.Y.Shirale | Participated inTwo Days | 04.09.2021 - | s Ltd., Mumbai Organized by ScrollwellEduTec |
| | | National Level | 05.09.2021 | h LLP. |
| | | Workshopon Master the Communication | | |
| | | Processes Using Gmail | | |
| 33 | Dr.S.R.Avhad, | Two Days National Level | 04.09.2021 to | organized by |
| | Assistant Professor, | Workshop on Master the | 05.09.2021 | Scrollwell |
| | Veterinary Extension | Communication Processes | | |
| | Education | Using Gmail | | |
| | | | | |
| 34 | Dr M K Patil | Digital Colloquim on | | Dept VPT, |
| | Asst Prof VPT | Avenues for | 14.09.2021 to | CVAS, |
| | | veterinarians in Pharma Industries: Drug | 18.09.2021 to | Mannuthy, Thrissur, |
| | | Development and | 10.09.2021 | Kerala. |
| | | validation" | | (Online) |
| 35 | Dr M K Patil Asst Prof VPT | International (online) Conference Agriculture, Biological and Life Sciences (ICABLS- 2021) | 25.09.2021 to 26.09.2021 | online |
| 36 | Dr M K Patil Asst Prof VPT | Workshop on 'Intellectual Property | | Faculty of Pharmacy, Dharmsinh |
| | | Rights: An Overview and Role in | 27.09.2021 to 01.10.2021 | Desai University, |
| | | Pharmaceutical | 31.13.2021 | Nadiad |
| | | Industry" | | (Gujarat). |
| 37 | Dr. S.P. Awandkar, | Rabies & One Health: | | Online |
| | Assistant Professor, | From basics to cross- | | |
| | Veterinary Microbiology | sectoral action to stop human rabies deaths | 30.09.2021 | Online |
| | | (WHO Training Module) | | |
| 38 | Dr. G. M. Gadegaonkar | Management of | Six weeks | |
| | Associate Professor, Department of Animal | Infertility in Cattle-agMOOCS | completed on | |
| | Nutrition, | -5.1.0 0 0.0 | 15 th Oct 2021 | |

| | COVAS, Udgir. | | | |
|----|--|--|-----------------------------|---|
| 39 | Dr A. D. Patil Assistant Professor, Veterinary ARGO | Successfully completed agMOOCs with distinction, 'Management of Infertility in Cattle' a six-week online course | 15.10.2021 (6 Weeks) | TANUVAS, Chennai (Online) |
| 40 | Dr W A A Rzaaque Assistant Professor, Veterinary ARGO | Successfully completed agMOOCs with distinction, 'Management of Infertility in Cattle' a six-week online course | 15.10.2021 (6 Weeks) | TANUVAS, Chennai (Online) |
| 41 | Dr. G. M. Gadegaonkar Associate Professor, Department of Animal Nutrition, COVAS, Udgir. | Physiological & Biotechnological interventions for the improvement of production, reproduction & health status of animals- Department of Veterinary Physiology & Biochemistry, College of Veterinary Science & Animal Husbandry, | 16.11.2021 to 06.12.2021 | Mhow |
| 42 | Dr. S.P. Awandkar, Assistant Professor, Veterinary Microbiology | Digital Teaching Techniques | 01.12.2021 to 31.12.2021 | Online |
| 43 | Dr. Sambhaji Chavhan Assistant Professor, Department of Veterinary Pathology, COVAS, Udgir | Digital Teaching Techniques. (MOOC Training Organized by NAARM) | 01.12.2021 to 31.12.2021 | Online |
| 44 | Dr. G. M. Gadegaonkar Associate Professor, Department of Animal Nutrition, COVAS, Udgir. | Digital Teaching Techniques - MOOCS, ICAR, NAARM | 01.12.2021 to 31.12.2021 | Online |
| 45 | Dr A. D. Patil Asst Professor of ARGO | (Massive Open Online Course) on Digital Teaching Techniques | 01.12.2021 to 31.12.2021 | ICAR-National Academy of Agricultural Research Management (NAARM), Hyderabad (Online) |
| 46 | Dr W A A Rzaaque | (Massive Open Online Course) on Digital Teaching Techniques | 01.12.2021 to 31.12.2021 | ICAR-National Academy of Agricultural Research |

| | | | | Management (NAARM), Hyderabad (Online) |
|----|--|---|-----------------------------|---|
| 47 | Dr. R.K. Jadahv Asst Prof VCM | MOOC training on 'Digital Teaching Techniques' | 01.12.2021 to 31.12.2021 | NAARM |
| 48 | Dr Neelam Kushwaha Hospital Registrar, VCM, TVCC | MOOC training on 'Digital Teaching Techniques' | 01.12.2021 to 31.12.2021 | NAARM |
| 49 | Dr.N.V.Khode, Assistant Professor, Veterinary Extension Education | Massive Open Online Course (Training) on Digital Teaching Techniques | 01.12.2021 to 31.12.2021 | NAARM Hyderabad |
| 50 | Dr.S.R.Avhad, Assistant Professor, Veterinary Extension Education | One month Massive Open Online Course Training on Digital Teaching Techniques | 01.12.2021 to 31.12.2021 | NAARM, Hyderabad |
| 51 | Dr.R.C.Kulkarni, Assistant Professor, Department of Poultry Science | One month Massive Open Online Course Training on Digital Teaching Techniques | 01.12.2021 to 31.12.2021 | NAARM, Hyderabad |
| 52 | Dr. M K Patil Asst Prof VPT | One month Massive Open Online Course Training on Digital Teaching Techniques | 01.12.2021 to 31.12.2021 | NAARM, Hyderabad |
| 53 | Dr.B.S.Khillare Asso.Prof. Parasitology | National conference of Veterinary Parasitology Conference ,at Parbhani | 14.12.2021 to 16.12.2021 | Parbhani |
| 54 | Dr.N.V.Khode, Assistant Professor, Veterinary Extension Education | Collaborative online training on "Behavioural skills for extensionists and scientists" | 03.01.2022 to 07.01.2022 | MANAGE Hyderabad & TANUVAS |
| 55 | Dr.Sandeep A. Dhenge, Assistant Professor, Vet. Physiology | • • | 28.01.2022 | NAHEP Project, Mumbai Vet. College, Mumbai |
| 56 | Dr.Mangesh M. Vaidya, Assistant Professor, Vet. | Advances in quality | 17.01.2022 to 28.01.2022 | NAHEP Project, Mumbai Vet. |

| | Physiology | production of animal | | College, |
|----|---|---|--------------------------|--------------|
| | | origin foods | | Mumbai |
| 57 | Dr. G.R. Channa, Assistant Professor, Veterinary LPM | "Advances in quality assurance and hygienic production of animal origin foods" organised under ICAR-NAHEP- CAAST project | 17.01.2022 to 28.01.2022 | MVC, Mumbai |
| 58 | Dr.R.C.Kulkarni, Assistant Professor, Department of Poultry Science | "Advances in quality assurance and hygienic production of animal origin foods" organised under ICAR-NAHEP- CAAST project | 17.01.2022 to 28.01.2022 | MVC, Mumbai |
| 59 | Dr. N. Z. Gaikwad, Professor | Advances in Livestock Technology for Betterment of Livestock | 27.01.2022 | COVAS, Udgir |
| 60 | Dr.N.V.Khode, Assistant Professor, Veterinary Extension Education | Workshop on Advances in livestock technology for betterment of livestock | 27.01.2022 | COVAS, Udgir |
| 61 | Dr Neelam Kushwaha Hospital Registrar, VCM, TVCC | Workshop on "Advances in livestock technology for betterment of livestock" | 27.01.2022 | COVAS, Udgir |
| 62 | Dr S.S. Ramteke, Hospital Registrar, ARGO, TVCC | Workshop on "Disease diagnosis and intraveneous anesthetic technique in bovine" | 28.01.2022 | COVAS, Udgir |
| 63 | Dr.B.S.Khillare Asso.Prof. Parasitology | Technical workshop on "Disease Diagnosis and Intravenous Anesthetic Technique in Bovine under Continuous Veterinary Education" organized by COVAS,Udgir | 28.01.2022 | COVAS, Udgir |
| 64 | Dr M K Patil Asst Prof VPT | Participated inTechnical workshop on "Disease Diagnosis and | 28.01.22 | COVAS, Udgir |

| | | Intravenous Anesthetic | | |
|----|--|--------------------------|--------------------------|--------------------------------------|
| | | Technique in Bovine | | |
| | | under Continuous | | |
| | | Veterinary Education" | | |
| 65 | Dr. S.Y.Shirale | Participated inTechnical | 28.01.22 | COVAS, Udgir |
| | | workshop on "Disease | | |
| | | Diagnosis and | | |
| | | Intravenous Anesthetic | | |
| | | Technique in Bovine | | |
| | | under Continuous | | |
| | | Veterinary Education" | | |
| 66 | Dr. Mohammad | | | Online mode |
| | Raziuddin M. N | Prescribing Human | 08.02.2022 to | IVRI, |
| | A ' A D C | Health Using Foods of | 28.02.2022 | D 11 (LID) |
| | Assistant Professor, | Animal Origen | _0.00 | Barelly, (UP) |
| | Veterinary LPT | | | |
| 67 | Dr.Sandeep A. Dhenge, | Society of Animal | 17.02.2022 to | Nagpur Vet. |
| | Assistant Professor, Vet. | Physiologist in India | 19.02.2022 | College, Nagpur |
| | Physiology | Annual Conference- 2022 | | |
| 68 | Dr.Mangesh M. Vaidya, | Society of Animal | 17.02.2022 to | Nagpur Vet. |
| | Assistant Professor, Vet. | Physiologist in India | 19.02.2022 | College, Nagpur |
| | Physiology | Annual Conference- 2022 | | |
| 69 | Dr. N. Z. Gaikwad, | National Symposium | 17.02.2022 to | NVC, |
| | Professor | onShifting basic | 19.02.2022 | MAFSU, |
| | | physiological paradigm | | Nagpur |
| | | towards clinico - | | (Attended |
| | | therapeutic innovative | | Online) |
| | | interventions for | | |
| | | improvement in | | |
| | | livestock health and | | |
| | | production | | |
| 70 | Dr. M. V. Khodke, Asstt. | National Symposium | 17.02.2022 to | NVC, |
| | Professor | onShifting basic | 19.02.2022 | MAFSU, |
| | | physiological paradigm | . • • | Nagpur |
| | | towards clinico - | | (Attended |
| | | therapeutic innovative | | Online) |
| | | interventions for | | , |
| | | improvement in | | |
| | | livestock health and | | |
| | | production | | |
| 1 | | production | | |
| =- | D D D C | | 17.00.0000 | D |
| 71 | Dr.R.D.Suryawanshi | National Symposium on | 17.02.2022 to | Department of |
| 71 | Dr.R.D.Suryawanshi Asst.Professor,VPH | | 17.02.2022 to 19.02.2022 | Department of Veterinary Physiology, |

| | | towards clinico- | | Nagpur |
|----|---|--|---------------|-------------------------------|
| | | therapeutic innovative | | Veterinary |
| | | interventions for | | College, |
| | | improvement in | | MAFSU, |
| | | livestock health and | | Nagpur in |
| | | production" | | online mode. |
| 72 | Dr. D.C. Massara | XXX Annual Conference | 17.02.2021 to | NVC No consu |
| 12 | Dr. P.S. Masare | and National Symposium | 19.02.2021 to | NVC, Nagpur |
| | | on 'Shifting basic | 19.02.2022 | (Online Mode) |
| | | physiological paradigm | | |
| | | towards Clinico- | | |
| | | therapeutic innovative | | |
| | | interventions for | | |
| | | improvement in livestock | | |
| =- | D D I I II | health and production. | 17.00.0001 | MICN |
| 73 | Dr. R.K. Jadhav | XXX Annual Conference and National Symposium | 17.02.2021 to | NVC, Nagpur |
| | | on 'Shifting basic | 19.02.2022 | (Online Mode) |
| | | physiological paradigm | | |
| | | towards Clinico- | | |
| | | therapeutic innovative | | |
| | | interventions for | | |
| | | improvement in livestock | | |
| | | health and production. | | |
| 74 | Dr. G. M. Gadegaonkar | XXX Annual | | |
| | Associate Professor, Department of Animal | Conference of the Society of Animal | | |
| | Nutrition, | Physiologists of India | 17.02.2022 to | |
| | COVAS, Udgir. | and National | 19.02.2022 | |
| | _ | Symposium | | |
| 75 | Dr. Mohammad | Entrepreneurship | | Online Mode |
| | Raziuddin M. N | Development in | 08.03.2022 | 1,1040 |
| | | Veterinary Science and | | NRC on Meat, |
| | | Livestock Products | to 17.03.2022 | Hyderabad |
| | | Industry | | |
| 76 | Dr.R.C.Kulkarni, | Advanced Techniques | 02.03.2022 to | Online mode |
| | Assistant Professor, | for Microbiological | 11.03.2022 | |
| | Department of Poultry | Quality and | | |
| | Science | Safety Assessment of | | |
| | | Foods of Animal Origin | | |
| | D A D D (1) | Dest C II ADTIIID | 11.02.2021 | Dimention C |
| 77 | Dr A. D. Patil Assistant Professor, | Prof. G.H.ARTHUR COMMEMORATIVE | 11-03-2021 | Directorate of Clinics, Tamil |
| | Veterinary ARGO | ORATION-Global | | Nadu Veterinary |
| | | Veterinary Reproduction | | and Animal |
| | | Webinar 2021 on | | Sciences |
| | | "Reproductive Ultrasound | | University, |

| And Manipulative | Chennai, Tamil |
|------------------------|----------------|
| Delivery Pervaginum In | Nadu, INDIA |
| Dogs" organized by on | |

13 RESEARCH DURING 2021-22

While submitting information for annual report research component it is requested to seriously concentrate on following points:

RESEARCH PROJECTS

- 1. Research projects must be carefully categorized in to externally funded and Intra-mural Projects.
- 2. Private Agency funded projects must be categorized by clearly mentioning Private Agency Funded.
- 3. Principle Investigator of the project need to clearly mention name of Co-PI's and submit the information in the name of Principle Investigators Department once only. Co-PI's need not to submit the information separately so as to avoid the repetitions.
- 4. Submit the conclusion of the research project in a very concise form not more than 5-6 lines.

A. Institute wise number of ongoing research projects during 2021-22(To be provided by Director of Research Office)

| Sr. No. | Name of the college | No. of projects | Rs. In Lakh |
|---------|---------------------|-----------------|-------------|
| 1 | | | |
| | Total | | |

A.1. Details of Institute wise ongoing research projects (DETAILS)

(To be provided by Director of Research Office)

| Sr. No. | Title of Project | Name of Principle Investigator with name of Department | Total Cost of Project (Rs. In Lakh) | Funding Agency – RKVY/ICAR/ICMR/ SERB/ BIRAC/DBT/DST/RGST C/Private Agency/Any Other |
|-----------|---------------------|--|---|--|
| 1-English | | | | |
| 1-Marathi | | | | |
| 2-English | | | | |
| 2-Marathi | | | | |

B.Institutewise number of completed research projectsduring 2021-22 (To be provided by Director of Research Office)

| Sr. No. | Name of the college | No. of projects | Rs. In Lakh |
|---------|---------------------|-----------------|-------------|
| 1 | | | |
| | Total | | |

B.1. Details of Institute wise completed research projects (DETAILS)(To be provided by Director of Research Office)

| Sr. No. | Title of Project | Name of Principle Investigator with name of Department | Total Cost of Project (Rs. In Lakh) | Funding Agency – RKVY/ICAR/ICMR/ SERB/ BIRAC/DBT/DST/RGST C/Private Agency/Any Other |
|-----------|---------------------|--|---|--|
| 1-English | | | | |
| 1-Marathi | | | | |
| 2-English | | | | |
| 2-Marathi | | | | |

C. Details of the Extramural completed Research Projects(RKVY/ICAR/ICMR/SERB/ BIRAC/DBT/DST/RGSTC/Private Agency/Any Other) with Salient Achievements (3-5 points only)(To be provided by College)

| Name of Project | • | Effects of using NUTRIMARK on production and health performance of commercial broiler birds of species <i>Gallus gallusdomesticus</i> in a randomised, controlled study |
|--|---|--|
| PI and Co-PI | : | Dr.R.C.Kulkarni (PI), Dr.S.P.Awandkar (Co-PI) Dr.S.G.Chavhan (Co-PI) |
| Funding Agency | | Exotic BiosolutionsPvt. Ltd, Mumbai |
| Salient Achievements (3-5 points only) | : | The supplementation of Nutrimark at 0.13% led to greater gains in body weight, eviscerated yield, ready to cook yield, breast yield, humoral immune response, improved FCR, and a reduction in fat pad thickness. We observed a significant decline in the H:L ratio, as well as a reduction in TVC and E coli counts when birds were supplemented with 0.13% Nutrimark. When birds were fed Nutrimark-containing diets, vill height and crypt depth ratios were significantly higher. |
| Name of Project | : | Effect of feeding Nutrimark on relative expression of mucin gene in |
| | | commercial broiler Chicken |

| : | Dr.R.C.Kulkarni (PI), Dr.S.P.Awandkar (Co-PI) | | |
|----|---|--|--|
| : | Exotic BiosolutionsPvt. Ltd, Mumbai | | |
| •• | Dietary supplementation of Nutrimark at 0.13% of feed throughout the experimental period had resulted into significant (P<.000) upregulation of the Mucin 2 gene in broilers. | | |
| : | Characterization and Evaluation of Non- Descript Goat Population | | |
| | of Marathwada and Western Maharashtra | | |
| : | Dr. V.B. Dongre, Subject Matter Specialist (Animal Genetics & | | |
| | Breeding), Cattle Breeding Farm, COVAS, Udgir | | |
| : | Department of Science and Technology (SERB), New Delhi (Rs. 25.70 Lakhs) | | |
| : | Udgiri goat is supposed to have been evolved out of crossbreeding | | |
| | between Osmanabadi and Sangamneri goat of the adjoining regions with dense population in Latur, Parbhani, Beed followed by Jalna, | | |
| | Aurangabad and Nanded. It is typically black and white in colour with | | |
| | white colour on the entire abdominal region on ventral and dorsal part, | | |
| | end of the tail is mostly white in colour and goat with white colour on | | |
| | the forehead could also seen. Therefore, uniquely identified goat from | | |
| | the existing non-descript population has a potential to recognize new | | |
| | goat genetic resource which is distributed in hot semi arid region of | | |
| | country to conserve it's unique features and to facilitate the access for | | |
| | genetic improvement Evaluation of herbal medications against Bovine ephemeral fever | | |
| • | Evaluation of herbal medications against bovine ephemeral lever | | |
| •• | Dr. R.K. Jadhav, Assistnt Professor, Dept of VCM | | |
| : | National Innovation Foundation, Gujarat (Rs. 8.80 Lakhs) | | |
| : | An interim report has been submitted to the agency. The final report will | | |
| | be submitted to the agency after release of second instalment of | | |
| | budgetary outlay. The data of clinical trial will be submitted to the | | |
| | agency directly in final project report. | | |
| : | Comparative Efficacy and Pathological Changes on Dietary Supplementation of Natural and Synthetic Vitamin E in Broilers | | |
| | Dr.S.G.Chavhan, Assistant Professor, Department of Veterinary | | |
| • | Pathology | | |
| : | M/s. Matrix Life Science Pvt. Ltd., Aurangabad | | |
| : | The findings of present study suggests that the addition of natural | | |
| | vitamin E in broiler feed helps to achieve the significantly higher live | | |
| | body weights, body weight gain and Feed Conversion Ratio (FCR) as | | |
| | well as better absorption. | | |
| | Effect of Dietary Supplementation of Natural and Synthetic Vitamin E on TNF-alpha, IgG, IgM and MDA levels in Broilers. | | |
| | | | |

| PI and Co-PI | | PI: Dr. S.G.Chavhan CO-PI: Dr. S.P.Awandkar, Dr. R.C.Kulkarni, Dr. R.R.Mugale |
|--|---|--|
| Funding Agency | | M/s. Matrix Life Science, Pvt. Ltd., Aurangabad. |
| Salient Achievements (3-5 points only) | | Supplementation of Natural Vitamin E as per BIS standard showed better immunity and antioxidant potential. |
| Name of Project | : | Evaluation of efficacy of herbal growth promoter formulations in |
| | | Osmanabadi kids |
| PI and Co-PI | : | Dr. G.R. Channa, Assistant Professor, Dept of LPM |
| Funding Agency | : | Ayurvet Ltd (1.75 Lakh) |
| Salient Achievements (3-5 points only) | : | Significant body condition scoring pattern observed in Osmanabadi kids under different herbal treatment groups. Lymphocytes, monosites, granulosites of Osmanabadi kids found to be non-significant under different feeding trial groups. SGPT & SGOT found to be significantly increased in Osmanabadi kids supplied with R2B and Pochoplus herbal suppliments. |

D.STUDENTS RESEARCHDURING 2021-22(Thesis submitted) (Department wise and PG &Ph.D students separately)

(To be provided by Controller of Examination Office)

| Sr.No. | Title | PG/Ph.D |
|--------------------|-------|---------|
| Name of the Depart | tment | |
| 1 - English | | |
| 1 - Marathi | | |
| 2 - English | | |
| 2 - Marathi | | |
| Name of the Depart | tment | |
| 1 - English | | |
| 1 - Marathi | | |
| 2 - English | | |
| 2 - Marathi | | |

E.LIST OF MEMORANDAM OF UNDERSTANDING (MoUs) SIGNED BY MAFSU DURING 2021-22(To be provided by DI & Dean(Vet) office/DR office/DEE office)

| Sr. No. | Name of Agency |
|---------|----------------|
| 1 | English- |
| | Marathi- |
| 2 | English- |
| | Marathi- |

F. RESEARCH PUBLICATIONS DEPARTMENT WISE AND BIBLIOGRAPHICAL DETAILS AS PER MAFSU PG MANUALS

Research Publications:

- 1. Submit the research publications by clearly mentioning National / International Journals. Indian Journals although have the name International need to be included in National Journals only.
- 2. No need to submit names of abstracts/lead papers published in national Conference of a subject.
- 3. First author of the paper will incorporate the details of paper published only once in that particular department of first author only. Co-authors need not to repeat the information in their departments.
- 4. For research papers all the bibliographical information need to submitted as per the format of Bibliography in detail.

Departmentwise Research Publications(Follow the sequence as per statute)

| Sr. | N CD 4 | No of Research Papers | | | |
|-----|--|-----------------------|---------------|-------|--|
| No. | Name of Department | National | International | Total | |
| 1 | Department of Anatomy & Histology | 0 | 0 | 0 | |
| 2 | Department of Veterinary Physiology | 2 | 0 | 2 | |
| 3 | Department of Veterinary Biochemistry including Clinical Biochemistry | 0 | 0 | 0 | |
| 4 | Department of Pharmacology & Toxicology | 3 | 0 | 3 | |
| 5 | Department of Veterinary Parasitology | 0 | 0 | 0 | |
| 6 | Department of Veterinary Microbiology & Biotechnology | 1 | 2 | 3 | |
| 7 | Department of Veterinary Pathology | 1 | 0 | 1 | |
| 8 | Department of Veterinary Public Health | 0 | 0 | 0 | |
| 9 | Department of Animal Nutrition | 0 | 0 | 0 | |
| 10 | Department of Animal Genetics and Breeding | 2 | 0 | 2 | |
| 11 | Department of Livestock Production & Management | 1 | 0 | 1 | |
| 12 | Department of Livestock Products Technology | 1 | 0 | 1 | |
| 13 | Department of Animal Reproduction, Gynaecology &Obstestrics | 2 | 0 | 2 | |
| 14 | Department of Veterinary Surgery & Radiology | 0 | 0 | 0 | |
| 15 | Department of Clinical Veterinary Medicine including Ethics and Juriprudence | 4 | 1 | 5 | |
| 16 | Department of Veterinary Epidemiology and Preventive medicine | 0 | 0 | 0 | |
| 17 | Department of Veterinary & Animal Husbandry Extension | 6 | 0 | 6 | |
| 18 | Department of Poultry Science | 0 | 0 | 0 | |
| 19 | Instructional Livestock Farm Complex | 0 | 1 | 1 | |
| | TOTAL | 23 | 04 | 27 | |

DETAILS OF RESEARCH PUBLICATION DEPARTMENTWISE

(The details must be same and match with the information given in above table)

| | Name of Department |
|---|--|
| 1 | BIBLIOGRAPHICAL DETAILS OF RESEARCH PUBLICATION AS PER |
| | MAFSU PG MANUALS |
| | Author/Year/Title/Journal/Vol./Page No. |

RESEARCH PUBLICATIONS

| 01 | Name of Department: Veterinary Anatomy, Histology and Embryology |
|------|--|
| | National and International : Nil |
| 02 | Name of Department: Veterinary Physiology |
| | National: |
| i | Dhenge, S.A., Gade, N.E., Mishra, O.P., Kumar, A. and Khandait, V.N. (2021). In vitro |
| | Cytotoxicity Analysis of Hybrid Graphene Oxide (hGO) Nano Structures in Caprine |
| | Wharton's Jelly Derived Mesenchymal Stem Cells (WJ-MSCs). Indian Journal of |
| | Animal Research. 55(5): 530-535 |
| ii | Dhenge SA, Gade NE, Mishra OP, Abinash Kumar and Vaidya MM(2021). Analysis of |
| | hybrid graphene oxide nanocomposites (hGO NCs) in vitro hemolytic impact in caprine |
| | erythrocytes. Journal of Entomology and Zoology Studies. 9(6): 256-258 |
| 0.2 | International: NIL |
| 03 | Name of Department: VeterinaryBiochemistry including Clinical Biochemistry |
| | National :Nil |
| 0.4 | International: Nil |
| 04 | Name of Department: Veterinary Pharmacology and Toxicology National:03 |
| iii | Patil MK,AP Somkuwar and PV Patil (2021) Therapeutic efficacy of Tolfenamic acid in |
| 111 | Bovine lameness. Intas Polivet, 21(1):107-109. |
| iv | Dhas Mahesh,MK Patil,SP Awandkar,AA Deshmukh and MA Khan (2021) Antibacterial |
| 1 1 | potential and phytochemical evaluation of <i>Ficus racemosa</i> leaf extracts. The Pharma |
| | Innovation Journal 2021; 10(9):05-09. |
| V | Patil MK, AP Somkuwar and PV Patil (2021) Pharmacokinetics of Cefquinome in |
| | Marathwadi buffalo calves. The Pharma Innovation 2021; Sp-10(5):239-241. |
| | International: Nil |
| 05 | Name of Department: Veterinary Parasitology |
| | National & International : Nil |
| 06 | Name of Department: Veterinary Microbiology & Biotechnology |
| | National: 01 |
| Vi | S. P. Awandkar, S. Kale, C. Sonekar, G. K. Gabhane, S. P. Chaudhari, N. V. Kurkure (2021) |
| | Gynaecological disorders associated with Brucellamelitensis in goat flocks with potential risk |
| | of occupational zoonoses in Central India. Current Science 120 (12): 1912-1916 |
| | International: 02 |
| vii | SP Awandkar, MB Kulkarni, NV Khode (2021) Bacteria from bovine clinical mastitis showed |
| | multiple drug resistance. Veterinary Research Communications. Online First |
| viii | SP Awandkar, MB Kulkarni, AA Agnihotri, VG Chavan, VV Chincholkar (2021) Novel |
| | fluconazole-resistant zoonotic yeast isolated from mastitis. Animal Biotechnology.Online First |
| 07 | Name of Department: Veterinary Pathology |
| | National: 01 |
| | |

| Ix | Rathod P.S., S.G. Chavhan, M.A. Khan, R.K. Jadhav, N.Z. Gaikwad and S.P. Awandkar |
|------|--|
| | (2021) Prevalence and Clinicopathological Studies of Theileriosis in Goats. Indian Journal of |
| | Veterinary Pathology. 45(4): 266-272. |
| | International: Nil |
| 08 | Name of Department: Veterinary Public Health |
| | National & International : Nil |
| 09 | Name of Department: Animal Nutrition |
| | National & International : Nil |
| 10 | Name of Department: AnimalBreeding & Genetics including Biostatistics |
| | National: 02 |
| X | A.V.Devkate, P.V.jadhav, Rajiv Kumar, V.B.Dongre, Priya Sharma, N.Z.Gaikwad and |
| | B.S.Khillare (2022). Association between the Ovine MHC-DRBI Gene and its Resistance to |
| | gastrointestinal parasites in Deccani Sheep Raised in Hot Semi –arid and Ecosystem of India. |
| | Indian Journal of Animal Research 2022 |
| 77' | 10.18805/IJAR B-4781 |
| Xi | S.J.Komatwar, R.J.Zende, B.N.Ramteke, S.H.Daivi, R.S.Deshmukh and M.P.Sawane (2021) |
| | Screening of FXI deficiency(FXID) in Gaolao cattle, ,International Journal of Current |
| | Microbiology and Applied Sciences Vol 10 No.01(2021)DOI10.20546/ijcmas.2021 |
| | International: Nil |
| 11 | Name of Department: Livestock Production and Management |
| | National:01 |
| xii | Mourya V., M. Singh, P.K. Bharti, V.P. Mourya and G.R. Channa (2022) Blood bio- |
| | chemistry and hormonal profiles of Cross-bred calves during hot-humid season under |
| | modified roofing system. J. of Livestock Science. 13: 67-75 |
| | International: Nil |
| 12 | Name of Department: Livestock Product & Technology |
| | National: 01 |
| xiii | M. Raziuddin, R. Narendra Babu, V. Appa Rao, S. Ramesh and R. Karunakaran (2021) |
| | Quality of value added goat meat spread enriched with honey. Asian Journal of Dairy and |
| | Food Research. 40 (4): 461-465. |
| | International: Nil |
| 13 | Name of Department: Animal Reproduction, Gynaecology and Ostetrics |
| | National: |
| xiv | C.K. Lakde, S. K. Sahatpure, A. D. Patil, S. K. Sheetal and A. P. Gawande (2021) Comparative study |
| | of therapies in Repeat Breeder Dairy Cows for Fertility Augmentation. The Haryana Veterinarian. |
| XV | S.S. Ramteke, A.D. Patil, W.A.A. Razzaque and L.V. Yewle (2021). Management of Dystocia due to |
| | Uterine Inertia in a Doe. Intas Polivet: 15-17. International: Nil |
| 14 | Name of Department: Veterinary Surgery and Radiology |
| 17 | National and International: Nil |
| 15 | Name of Department: Clinical Veterinary Medicine including Ethics & Jurisprudence |
| | National: |
| xvi | Y.M. Wankhede, R.K. Jadhav, A.U. Bhikane, S.G. Chavhan and K.S. Kedar (2021). Clinical, |
| | epidemiological and haemato-biochemical aspects of bubaline phosphorus deficiency |
| | haemoglobinuria. Haryana Veterinarian, 60 (2): 223-227. |
| | ND GLI ALI DILI DIVI DI LOCCOLI I (2021) 707 |
| XVII | N.D. Shah, A.U. Bhikane, R.K. Jadhav and S.G. Chavhan (2021). Efficacy of whole blood |
| | transfusion as an adjunct therapy in severe cases of hemolytic anemia in cattle. Indian Journal |

| | of Animal Research, DOI: 10.18805/IJAR.B-4565. |
|-----------|---|
| xvii i | K.S. Kedar, A.U. Bhikane, R.K. Jadhav and Y.M. Wankhede (2021). Prevalence of Bubaline Jaundice in Marathwada Region of Maharashtra. Ruminant Science, 10 (1): 67-71. |
| xix | R.K. Jadhav, A.U. Bhikane and K.S. Kedar (2021). Therapeutic management of an unusual case of haemotoxic viper envenomation in Holstein Frisian crossbred cattle with hematuria. Haryana Veterinarian, 60 (2): 319-321. |
| | International: |
| XX | R.K. Jadhav, S.S. Ghoke, Anand Mohan, Neelam Kushwaha and A.U. Bhikane (2021). Colostrum feeding induced alkaline indigestion syndrome in riverine buffaloes- clinical assessment and therapeutic management. <i>Buffalo Bulletin41 (1): 63-72</i> . |
| 16 | Name of Department: Veterinary Epidemiology & Preventive Medicine |
| | National & International : Nil |
| 17 | Name of Department: Veterinary & Animal Husbandry Extension |
| xxi | Pathade, S. S., Singh, B. P., Chander, M., Bardhan, D., Kannadhasan, M.S. and Khode, N. V. (2021) Perceived constraints and suggestions in adoption of animal husbandry technologies: A study in semi-arid zone of Maharashtra, Haryana Vet., 60 (1): 8 – 12. |
| xxii | Narendra Khode, B P Singh, Mahesh Chander, D Bardhan, M R Verma and S P Awandkar (2021) Effects of Dairy Farm Training: A Path Analysis, Indian Journal of Extension Education, 57 (4): 7-12. |
| xxii | Randhave, Abhishek; Khode, Narendra; Avhad, Sharad and Awandkar, Sudhakar (2021) |
| i | Determinants in Predicting Adoption of Scientific Management Practices Among Osmanabadi Goat Keepers, Indian Research Journal of Extension Education, 21 (4): 106-111. |
| xxiv | Randhave Abhishek, Narendra Khode and Avhad Sharad (2022) Constraint Perceived by |
| | Osmanabadi Goat Keepers in Latur Region of Maharashtra State, Indian Research Journal of |
| | Extension Education, 22 (1): 114-117. |
| XXV | Awandkar, S.P., Kulkarni, M.B. & Khode, N.V. (2022) Bacteria from bovine clinical mastitis showed multiple drug resistance. Vet Res Commun 46, 147–158 (2022) |
| xxvi | Abhishek Randhave, Narendra Khode, Sharad Avhad, Sudhakar Awandkar and Santosh |
| | Pathade (2022) Farm Profitability of Osmanabadi Goat Keeping Households in Latur Region of Maharashtra, Journal of Community Mobilization and Sustainable Development, Vol. 17 (1): 270-274. |
| | International : Nil |
| 18 | Name of Department: Poultry Science |
| | National & International : Nil |
| 19 | Name of Department: Instructional Livestock Farm Complex |
| | National : Nil |
| | International: 01 |
| xxvi | Vilas B. Dongre, Sudhakar P. Awandkar, Vishwas M. Salunke, Mahesh B. Kulkarni, |
| i | Laxmikant S. Kokate, Shyam B. Kale &Ravji R. Mugale. (2021). The investigation on allelic, |
| | genotypic frequencies and gene expression study in coding region of tyrosinase gene in Deoni |
| | cattle breed of western India. Animal Biotechnology, 2021 06 Aug 2021 |
| | DOI:10.1080/10495398.2021.1953515 |

14.EXTENSION

14.1.TRAININGS

| Sr. | Name of college | Training of Officers | | Training of Farmers | |
|-----|-----------------|----------------------|---------------|---------------------|---------------|
| No. | | | | | |
| | | No. of No. of | | No. of | No. of |
| | | trainings | Participants/ | trainings | Participants/ |
| | | organized trainees | | organized | trainees |
| | COVAS, Udgir | 04 | 158 | 15 | 3576 |
| | | | | | |

A. SHORT TERM TRAINING COURSES ORGANIZED FOR FIELD OFFICERS(DATEWISE)

| Sr. No. | Title of the training | Date (From to -) | Place | No. of Trainee | Sponsoring Agency | Organizing Departmen t |
|------------|--|---|-----------------|-------------------|--|------------------------------|
| 1 | Training programme on, 'Best Animal Birth Control Practices in Canine' and Special Course in Association with Worldwide Veterinary Services India and Vets for Animals at COVAS, Udgir | 05.07.2021 to 17.07.2021 and 19.07.2021 to 24.07.2021 | COVAS, Udgir | 08+08 | Self sponsored | ARGO |
| 2 | One Day Training Programme on 'Management of Infertility in Dairy Animals' | 04.02.2022 | COVAS, Udgir | 12 | NDDB, Maharashtra State Department of Animal Husbandry and MAFSU | ARGO |
| 3 | One Day Technical Webinar on, 'Opportunities for Veterinarians in Indian Army Remount and Veterinary Corps', COVAS, Udgir | 28.07.2021 | COVAS, Udgir | 70 | Pharma companies | ARGO |
| 4 | One day seminar on " Opportunities of employment and self employment in various fields | 10/02/2022 | COVAS, Udgir | 60 | SDC | COVAS, Udgir |
| | | TOTAL | | 158 | | |

B. SHORT TERM TRAINING COURSES ORGANIZED FOR FARMERS

Name of College-

| Sr. | Title of the training | Date | Place | No. of | Sponsoring | Organizing |
|-----|--|---------------|---------|----------------|------------|-----------------------------|
| No | Title of the training | (From to | Trace | Trainee | Agency | Department Department |
| 110 | | (110111 to | | | Agency | Department |
| 1 | Profitable Buffalo | 11.10.2021 to | Online, | s 39 | Free | SDC and |
| 1 | | 13.10.2021 to | COVAS, | 39 | rice | MAFSU |
| | Farming | 13.10.2021 | | | | Subcentre |
| 2 | Tarining | 12.10.2021 to | Udgir | 36 | | |
| 2 | Training on | | COVAS, | 30 | | Poultry |
| | "Commercial poultry farming" | 14.10.2021 | Udgir | | | Science, |
| | rammig | | | | | Microbiology, Extension, |
| | | | | | | LPM |
| 3 | Dungtable Coat Forming | 20.10.2021 to | Online, | 61 | Paid | SDC and |
| 3 | Profitable Goat Farming | | COVAS, | 01 | Paid | |
| | | 22.10.2021 | | | | MAFSU |
| 1 | Dungtable Coat Forming | 24.10.2021 to | Udgir | 64 | | Subcentre |
| 4 | Profitable Goat Farming | | Udgir | 04 | | SDC, ICAR |
| | | 26.10.2021 | | | | |
| 5 | 3 days awareness camp | 25.01.2022 to | COVAS, | 20 | | SDC |
| | for SC-SP students | 27.01.2022 | Udgir | | | |
| 6 | 3 days awareness camp | 9.02.2022 to | COVAS, | 20 | | SDC |
| | for SC-SP students | 11.02.2022 | Udgir | | | |
| 7 | | | - | 70 | ICAD | CDC COVAC |
| 7 | ICAR plan scheme | 28.02.2022 to | COVAS, | 70 | ICAR | SDC, COVAS, |
| | under SDC head | 02.03.2022 | Udgir | | | Udgir |
| | Tutorial classes for Sc | | | | | |
| | students: .English | | | | | |
| | classes for 3 days By Prof.Nawale Shivaji | | | | | |
| | 3 | | | | | |
| | College Udgir Title: "Importance of | | | | | |
| | proficiency inEnglish | | | | | |
| | communication" | | | | | |
| 8 | Commercial Poultry | 02.03.2022 to | COVAS, | 42 | ICAR, | SDC, COVAS |
| 0 | Farming | 04.03.2022 to | Udgir | 72 | NEW | Udgir |
| | 1 arming | 04.03.2022 | Ougn | | DELHI | Ougn |
| 9 | Feeding Management in | 07.03.2022 to | COVAS, | 34 | ICAR, | SDC, COVAS |
| _ | Dairy Animals | 09.03.2022 | Udgir | | NEW | Udgir |
| | = an j : minimio | 33.03.2022 | 5 5 | | DELHI | |
| 10 | Commercial poultry | 09.03.2022 | COVAS, | 64 | DBT | Veterinary |
| | farming, Goat farming | | Udgir | | _ | Public Health |
| | and opportunities in | | | | | |
| | * * | | | | | |
| | meat selling business | 44.02.225 | 00777 | • • | 10.15 | an a ======= |
| 11 | Organized EDP | 11.03.2022 to | COVAS, | 20 | ICAR, | SDC, COVAS |
| | trainingon awareness of | 21.03. 2022. | Udgir | | NEW | Udgir |
| | 9 days at Shirol with the | | | | DELHI | |
| | help of MCED Latur at | | | | | |
| | Village Shirol for the | | | | | |
| 4.5 | SC-SP beneficiaries | 21.02.2022 | COLL | 22 | ICAR | and down a |
| 12 | Commercial Goat | 21.03.2022 to | COVAS, | 33 | ICAR, | SDC, COVAS |
| | Farming | 23.03.2022 | Udgir | | NEW | Udgir |
| 12 | | 21.02.2022 | COLLEG | 20 | DELHI | т |
| 13 | Commercial goat | 21.03.2022 to | COVAS, | 30 | SDC | Livestock |

| | farming | 23.03.2022 | Udgir | | | Production and |
|----|-----------------------|---------------|--------|----|-------|----------------|
| | | | | | | Management |
| 14 | Opportunities of self | 22.03.2022 to | COVAS, | 27 | ICAR, | SDC, COVAS |
| | employment through | 24.03.2022 | Udgir | | NEW | Udgir |
| | poultry farming | | | | DELHI | |
| 15 | "Health and | 24.03.2022 to | COVAS, | 46 | ICAR, | SDC, COVAS |
| | Reproductive | 26.03.2022 | Udgir | | NEW | Udgir |
| | management in | | | | DELHI | |
| | Animals" | | | | | |

14.2. WORKSHOPS/SEMINARS

| Sr. | Name of college | Workshopso | organizedfor | Workshops organized | |
|-----|-----------------|------------------|---------------------|---------------------|---------------------|
| No. | | Offi | cers | for Farmers | |
| | | No. of workshops | No. of Participants | No. of workshops | No. of Participants |
| | COVAS, Udgir | 06 | 374 | 14 | 1042 |
| | | | | | |
| | Total | | | | |

A. WORKSHOP/ SEMINARS ORGANIZED FOR FIELD OFFICERS

| Sr. | Title | Date | Place | No. of | Sponsoring |
|-----|---------------------------|------------|--------|--------------|------------|
| No. | | (From to | | Participants | Agency |
| | |) | | | |
| 1 | One Day Technical | | COVAS, | 70 | Pharma |
| | Webinar on, | | Udgir | | companies |
| | 'Opportunities for | | | | |
| | Veterinarians in Indian | 28.07.2021 | | | |
| | Army Remount and | | | | |
| | Veterinary Corps', COVAS, | | | | |
| | Udgir | | | | |
| 2 | Webinar on "Rabies | 28.09.2021 | COVAS, | 40 | |
| | prevention and | | Udgir | | |
| | eradication | | | | |
| 3 | Webinar on "Animal | 08.10.2021 | COVAS, | 98 | COVAS, |
| | welfare : A toll for | | Udgir, | | Udgir |
| | sustainable production" | | Online | | |
| 4 | Advances in livestock | 27.01.2022 | COVAS | 53 | MSVC, |
| | technology for | | Udgir | | Nagpur |
| | betterment of livestock | | | | |
| 5 | Disease diagnosis and | 28.01.2022 | COVAS | 53 | MSVC, |
| | intravenous anaesthetic | | Udgir | | Nagpur |
| | technique in bovine | | | | |
| 6 | One day seminar on " | 10.02.2022 | COVAS, | 60 | SDC |
| | Opportunities of | | Udgir | | |
| | employment and self | | | | |
| | employment in various | | | | |

fields

B. WORKSHOP/ SEMINARS ORGANIZED FOR FARMERS

| Sr. No. | Title | Date (From to) | Place | No. of Participants | Sponsoring Agency |
|------------|--|-----------------------|-----------------|---------------------|--------------------------|
| 1 | World Rabies Day Webinar on Rabies: Prevention and Containment | 28.09.2021 | Udgir | 100 | Nil |
| 2 | Fodder Production and Management. | 20.12.2021 | Nagalgaon | 60 | COVAS, Udgir |
| 3 | Fodder Production and Management. | 21.12.2021 | Shirol | 55 | COVAS, Udgir |
| 4 | Fodder Production and Management. | 24.12.2021 | Pimpari | 40 | COVAS, Udgir |
| 5 | Fodder Production and Management. | 25.12.2021 | Janapur | 43 | COVAS, Udgir |
| 6 | Fodder Production and Management. | 27.12.2021 | Karanji | 59 | COVAS, Udgir |
| 7 | Fodder Production and Management. | 29.12.2021 | Shelhal | 55 | COVAS, Udgir |
| 8 | ICAR plan scheme under SDC head Tutorial classes for Sc students: .Career in Wild life ScienceBy Dr SubhamPatil Bangalore | 4.3.2022 | COVAS, Udgir | 80 | ICAR,New Delhi |
| 9 | ICAR plan scheme under SDC head Tutorial classes for Sc students: .Preparation of ICAR/JRF/SRF/ NET/ARS etc Exams By Dr Naresh Selokar Scientist NDRI Karnal | 7.3.2022 | COVAS, Udgir | 90 | ICAR,New Delhi |
| 10 | ICAR plan scheme under SDC head Tutorial classes for Sc students: . Personality development and Positive attitude by Prof Dr D.B Konale , Shivaji College Udgir | 15.3.2022 | COVAS, Udgir | 80 | SDC , COVAS,Ud gir |
| 11 | ICAR plan scheme under SDC head Tutorial classes for Sc students: . Opportinuties in Insurance | 16.3.2022 | COVAS, Udgir | 80 | SDC , COVAS, Udgir |

| | Sector by Shri Dilip Gavane Chief Life Insurance ,Parbhani | | | | |
|----|---|-----------|-----------------|-----|--------------------------|
| 12 | ICAR plan scheme under SDC head Tutorial classes for Sc students: Preparation of Master of Science inAbroad-GRE, ToEFEL, IELTSand Higher education courses in abroad. By Mrs.RashmiThakre, | 17.3.2022 | COVAS, Udgir | 100 | SDC , COVAS, Udgir |
| 13 | Scientist,RFRF,Nagpur ICAR plan scheme under SDC head Tutorial classes for Sc students: "Distance Learning Courses, PGDM,MANAGE" by Dr Sagar Deshmukh Research Associate,MANAGE ,Hyderabad. | 22.3.2022 | COVAS, Udgir | 100 | SDC , COVAS, Udgir |
| 14 | ICAR plan scheme under SDC head Tutorial classes for Sc students: "Water Conservation and Organic Farming" by Sri Mahadevrao Gomare, Prject director Jal jagruti Abhiyan , Latur | 23.3.2022 | COVAS, Udgir | 100 | SDC , COVAS, Udgir |

14.3. ACTIVITIES IN ADOPTED VILLAGE

| Sr. | Name of | Activity | Date | Place | No. of |
|-----|--------------------|---------------------|------------|--------|---------------------|
| No | Village, tal., | | | | Participants |
| • | Dist | | | | |
| 1 | D: : T 1 | | | SDC, | |
| | Pimpari, Tal. | animal health camps | 02.12.2021 | COVAS, | 340 |
| | Udgir, Dist. Latur | | | Udgir | |
| 2 | Nagalgaon, Tal. | Demonstration: | | SDC, | |
| | Udgir, Dist. | California Mastitis | 03.12.2021 | COVAS, | 22 |
| | Latur | Test. | | Udgir | |
| 3 | Nagalgaon, Tal. | | | SDC, | |
| | Udgir, Dist. | animal health camps | 03.12.2021 | COVAS, | 394 |
| | Latur | _ | | Udgir | |
| 4 | Nagalgaon, Tal. | Demonstration: | 20.12.2021 | SDC, | 60 |

| | Udgir, Dist. Latur | Formulation of Balance Diet and urea molasses treatment. | | COVAS, Udgir | |
|----|---|--|--------------------------------|-------------------------|-----|
| 5 | Shirol, Tal. Udgir, Dist. Latur | Demonstration: Formulation of Balance Diet and urea molasses treatment. | 21.12.2021 | SDC, COVAS, Udgir | 55 |
| 6 | Shirol, Tal. Udgir, Dist. Latur | animal health camps | 21.12.2021 | SDC, COVAS, Udgir | 429 |
| 7 | Pimpari, Tal. Udgir, Dist. Latur | Demonstration: Formulation of Balance Diet and urea molasses treatment. | 24.12.2021 | SDC, COVAS, Udgir | 40 |
| 8 | Janapur, Tal. Udgir, Dist. Latur | Demonstration: Formulation of Balance Diet and urea molasses treatment. | 25.12.2021 | SDC, COVAS, Udgir | 43 |
| 9 | Janapur, Tal. Udgir, Dist. Latur | animal health camps | 25.12.2021 | SDC, COVAS, Udgir | 114 |
| 10 | Karanji, , Tal. Jalkot, Dist. Latur | Demonstration: Formulation of Balance Diet and urea molasses treatment. | 27.12.2021 | SDC, COVAS, Udgir | 59 |
| 11 | Shelhal, Tal. Udgir, Dist. Latur | Demonstration: Formulation of Balance Diet and urea molasses treatment. | 29.12.2021 | SDC, COVAS, Udgir | 55 |
| 12 | Nagalgao, Tq. Udgir Dist. Latur | Survey of SC-SP beneficiaries for distribution of feeds under Skill Development Cell | 25.01.2022 | SDC, COVAS, Udgir | 50 |
| 13 | Shirol, Tq. Udgir, Dist. Latur | conducted Survey of SC-SP beneficiaries for distribution of feeds under Skill Development Cell | 28.01.2022 | SDC, COVAS, Udgir | 40 |
| 14 | Chandegaon | NSS special camp | 23.03.2022 to 29.03.2022 | SDC, COVAS, Udgir | 70 |

14.4. HOSPITAL ACTIVITIES (2021-22)

| Sr. No. | Section | Hospital | Ambulatory Clinic | Animal Health Camps (7+9=16 total) | Total |
|------------|----------|----------|----------------------|---------------------------------------|-------|
| a | Medicine | 4456 | 19 | 266 | 4741 |
| b | Surgery | 1654 | 2 (75) | 73 | 1729 |

| С | Gynaecology | 728 | 4 | 136 (9 Special infertility camp | 868 |
|---|--------------|------|----|---------------------------------|------|
| | | | | under VMDDP 567 cases | |
| | | | | treated) | |
| d | Artificial | 105 | - | - | 105 |
| | Insemination | | | | |
| e | Vaccination | - | - | 122 | 122 |
| f | Deworming | - | - | 184 | 184 |
| g | Spraying | - | - | 759 | 759 |
| | Total | 6943 | 25 | 1540 | 8508 |

14.5. DEMONSTRATIONS ORGANIZED FOR FARMERS (2021-22)

Various types of demonstrations were given to farmers during training programmes, visits of farmers to institutes and also during scientists visit to farms or adopted villages or as per demand of farmers all around during the year. Demonstrations like Silage, Azolla cultivation, Preparation of concentrate mixture and Urea treatment of poor quality roughages, parasitic control, Brooding management of broiler chicks, Incubation and Hatchery management, Milk Processing & Value addition, Hydroponics; Vermicompost, Tagging, Milk Adulteration Test, CMT Test, Cow Milk, Cow Urine and Cow Dung Cake Processing & Packaging, Quality Control of Egg and Egg Products, Clean Milk Production & Adulteration detection, balanced feed preparation in poultry, DHN6 Cultivation, Demonstration on deworming and spraying, Cultivation and management of various fodder varieties, Loose housing system, Goat farming farm practices and selection of goat, Age Determination, Osmanabadi Breed Identification, Manufacturing of dairy products at Cottage Level, Paneer Making Technology, Freshwater Fish Culture, Preparation of value added fish product, Operation FRP, carp hatchery etc. were given to farmers throughout the year.

Details of Demonstrations

| Sr. No. | Name of Demonstration | Date | Place | No.of Participants |
|------------|---|--------------------|---------------------------------------|-----------------------|
| 1 | Silage making | 08.10.2021 | ILFC, COVAS, Udgir | 30 |
| 2 | Demonstration: California Mastitis Test. | 03 .12.2021 | Nagalgaon, Tal. Udgir, Dist. Latur | 22 |
| 3 | Demonstration: Formulation of Balance Diet and urea molasses treatment. | 20.12.2021 | Nagalgaon, Tal. Udgir, Dist. Latur | 60 |
| 4 | Demonstration: Formulation of Balance Diet and urea molasses treatment. | 21.12.2021 | Shirol, Tal. Udgir, Dist. Latur | 55 |
| 5 | Balance feed ration preparation, silage preparation and Urea treatment | 21.12.2021 | Nagalgaon,Tal. Udgir, Dist. Latur | 60 |
| 6 | Fodder production and management | 21.12.2021 | Shirol,Tal. Udgir, Dist. Latur | 40 |
| 7 | Fodder production and management | 22.12.2021 | Janapur,Tal. Udgir, Dist. Latur | 40 |

| 8 | Fodder production and | 24.12.2021 | Pimpri (Udgir) | 40 |
|----|---|------------|-------------------------------------|-----|
| | management | | | |
| 9 | Demonstration: Formulation of Balance Diet and urea molasses treatment. | 24.12.2021 | Pimpari, Tal. Udgir, Dist. Latur | 40 |
| 10 | Demonstration: Formulation of Balance Diet and urea molasses treatment. | 25.12.2021 | Janapur, Tal. Udgir, Dist. Latur | 43 |
| 11 | Clean milk production | 26.11.2021 | ILFC, COVAS, Udgir | 34 |
| 12 | Fodder production and | 27.12.2021 | Karanji | 40 |
| | management | | | |
| 13 | Demonstration: Formulation of Balance Diet and urea molasses treatment. | 27.12.2021 | Karanji, Tal. Udgir, Dist. Latur | 59 |
| 14 | Fodder production and management | 29.12.2021 | Shelhal, Tal. Udgir, Dist. Latur | 40 |
| 15 | Demonstration: Formulation of Balance Diet and urea molasses treatment. | 29.12.2021 | Shelhal, Tal. Udgir, Dist. Latur | 55 |
| | | | Total | 638 |

14.6. FARMERS SCIENTISTS VISIT (2021-22)

Farmers regularly visited the various institutes of MAFSU individually and in groups to acquire the information and technical knowledge of various animal husbandry activities including that of value added animal products, poultry and fisheries. Staff members visited various places to guide the farmers, for training for giving demonstrations at field level.

| Sr. | Name of college | No. of Farmers | No. of Field visit |
|-----|--|----------------------|--------------------|
| No. | | visited to institute | of staff |
| 1 | College of Veterinary & Animal Sciences, | 192 | 11 |
| | Udgir | | |
| | Total | | |

Details for Farmers visited to institute

| Sr. | No. of | Date | Departr | nent | | Purpose |
|-----|--------|------------|-----------|------|-----------|---------------------------------------|
| No. | Farmer | | | | | |
| 1 | 80 | 17.02.2022 | V & | AH | Extension | Information of Deoni museum and |
| | | | Education | on | | livestock technologies |
| 2 | 88 | 23.03.2022 | V & | AH | Extension | Information of livestock technologies |
| | | | Education | on | | _ |
| 3 | 2 | 24.03.2022 | V & | AH | Extension | Information of livestock technologies |
| | | | Education | on | | _ |
| 4 | 22 | 21/03/2022 | ILFC | | | Training& Demonstration |

Details for Staff visited to Field

| Sr. | Name of Staff | Date | Place | Purpose |
|-----|---------------|------|-------|---------|

| No. | | | | |
|-----|------------------|------------|--|--|
| 1 | Dr. S.S. Ramteke | Monthly | Udgir | Enterprenurship Development of Mr. Azmat Shaikh, Livestock owner |
| 2 | Dr. R.K. Jadhav | 28.11.2021 | Her | Visit to Dairy Farm |
| 3 | Dr. P.S.Masare | 03.12.2021 | Nagalgaon | Dairy farm visit |
| 4 | Dr. R.K. Jadhav | 15.12.2021 | Yenki | Visit to Dairy Farm |
| 5 | Dr. R.K. Jadhav | 13.01.2022 | Nagalgaon | Visit to Dairy Farm |
| 6 | Dr. R.K. Jadhav | 24.02.2022 | Wadhawna | Visit to Dairy Farm |
| 7 | Dr. SP Awandkar | 2021 | Takhat Sachkhand Sri Hazur Sahib Nanded (MS) | Screening of horses |
| 8 | Dr. SP Awandkar | 2021 | Osmanabad | Baseline Survey of SC/ST community in Osmanabad district |
| 9 | Dr. SP Awandkar | 2021 | Omarga | Baseline Survey of SC/ST community in Osmanabad district |
| 10 | Dr. SP Awandkar | 2021 | Kalamb | Baseline Survey of SC/ST community in Osmanabad district |
| 11 | Dr. SP Awandkar | 2021 | Tuljapur | Baseline Survey of SC/ST community in Osmanabad district |

14.7. EXHIBITIONS

| Sr. | Name of college | Participation in exhibition |
|-----|-----------------|-----------------------------|
| No. | | (Number) |
| 1 | COVAS, Udgir | 02 |
| | Total | |

Details of Exhibitions

| Sr. No. | Title | Place(village, tal and district) | Date | Organzied / Participated |
|------------|-----------------------|-----------------------------------|------------|-----------------------------|
| 1 | Dog show | COVAS, Udgir | 06.03.2022 | Organized |
| 2 | Mahadeo Yatra , Deoni | Deoni, Latur | 14.04.2022 | Participated |

$14.8.\ EXTENSION\ PUBLICATIONS/RADIO/TV\ TALKS\ (2021-22)\ Give\ numbers\ only\ in\ following\ table$

| Sr. No. | No. of Leaflets/ Booklets | No. of Books | No. of Local Publication (New-Paper) | No. of Publications (Periodicals) | No. of Radio Talks | No. of T. V. Talks |
|------------|---------------------------------|-----------------|--|---|--------------------------|-----------------------|
| 1 | 04 | 01 | 31 | 21 | 10 | Nil |

Details of each as per above table-

| Sr | Leaflets/ Booklets | | | |
|-----|---|--|--|--|
| No. | | | | |
| 1 | Dr. SP Awandkar (2021) Mastitis | | | |
| 2 | Dr. SP Awandkar (2021) Biosecurity | | | |
| 3 | Dr. SP Awandkar (2021) Clean Milk | | | |
| 4 | Dr. SP Awandkar (2021) Milk Adultration | | | |

| | Books |
|-----|---|
| 1 | Dr.N.V.Khode, Impact of KVKs training on dairy farmers, Brillion publication, |
| | ISBN:978-93-86658-11-1, Year 2021 Local Publication / Popular articles: |
| 1 | Dr. SP Awandkar(2021) Winter diarrhoea in bovines, Agrowon (2021-01-05) Page 10 |
| 2 | Dr.SPAwandkar(2021) Pseudo cowpox in milch animals, Agrowon (2021-01-11) Pp 12 |
| 3 | |
| | Dr. SP Awandkar(2021) Biosecurity on poultry farm, Agrowon (2021-01-14) Page 12 |
| 4 | Dr. SP Awandkar(2021) Be aware of Bird flu, Agrowon (2021-01-15) Page 12 |
| 5 | Dr. SP Awandkar(2021) Bird flu: Does and Don'ts, Prativijay (2021-01-14) |
| 6 | Dr. SP Awandkar(2021) Bird flu: Does and Don'ts, Rajdharm (2021-01-15) |
| 7 | S.P.Awandkar, N V Khode and M B Kulkarni (2021), Rabies kadedurlakshnako, DainikRajdharm, 28/09/2021 |
| 8 | Sandeep Dhenge, Mangesh Vaidya, Vivek Khandait. (2021) Mansoon purva Pashudhan Vyavasthapan. Shetkari Masik. June. 44-45 |
| 9 | Sandeep Dhenge, Mangesh Vaidya, Vivek Khandait. (2021) Pawasalyatil Panshuche Rogaani Upay. Shetkari Masik. July. 53-54 |
| 10 | Sandeep Dhenge, Mangesh Vaidya, Vivek Khandait (2021) Shelyanchya Jati Aani Vyavasthapan . Shetkari Masik. December. 51-52 |
| 11 | Sandeep Dhenge, Mangesh Vaidya, Vivek Khandait. (2022). Gayee-Mhashiche Chayapachayache Vikar. Shetkari Masik. February. 46-48 |
| 12 | Sandeep Dhenge, Mangesh Vaidya, Vivek Khandait (2022) Vasaranchya Martukiche Karne Aani Pratibandhatmak Upayyojna. Agrotouch Masik. Mach. 25-28 |
| 13 | S.J. Komatwar, P.V. Jadhav and M.P. Sawane (2021) Effect of chromosomal abbressions in farm animals SurajyaNews paper. 15/12/2021 |
| 14 | Dr R D Suryawanshi (2021)Raw milk intake is dangerous to health, Jay Agrowon, 02 |
| 1.5 | August 2021, Page No.03 (VPH) |
| 15 | Dr R D Suryawanshi (2021)Artificial meat: meat in Laboratory, Jay Agrowon, 09 August 2021,Page No.03(VPH) |
| 16 | Dr Ramteke S. (2022) Shwan Prajanan aan Vyavsthapanache Tantra- Agrowon Daily newspaper-19 march 2022 page no 12 |
| 17 | Dr PV Patil and Dr. MK Patil (2021) vaccination is important in Animals. Sakal |
| | Agrowan, 04.05.2021, pp. 10. |
| 18 | Dr PV Patil and Dr. MK Patil (2021) Reduced Growth Rate in Calves: Causes and Preventive measures. Sakal Agrowan, 10.05.2021, pp. 12. |
| 19 | Dr PV Patil and Dr. MK Patil (2021) First aid treatment is essential to Sick animals. |
| | Sakal Agrowan, 18.05.2021, pp. 10. |
| 20 | Dr PV Patil and Dr. MK Patil (2021). Milk replacer for proper growth in Calves. Sakal |
| 21 | Agrowan, 01.06.2021, pp. 12. Dr PV Patil and Dr. MK Patil (2021) Calf starter in calves feed. Sakal Agroplus, |
| | 26.06.2021, pp. 10/12. |
| 22 | Dr PV Patil and Dr. MK Patil (2021) Preventive measures on calcium toxicity in |
| 23 | animals. Sakal Agrowan, 03.07.2021, pp. 12. Dr PV Patil and Dr. MK Patil (2021) Preventive measures for calf diseases. Sakal |
| 23 | Agrowan, 10.08.2021, pp. 12. |
| 24 | Dr PV Patil and Dr. MK Patil (2021) Feed management to prevent Ketosis in Animals. |
| 25 | Sakal Agrowan, 24.09.2021, pp. 12. |
| 25 | Dr PV Patil and Dr. MK Patil (2021) Preventions taken during Feed formulation for animals. Sakal Agrowan, 23.11.2021, pp. 12. |
| | anniais. Sakai rigiowan, 23.11.2021, pp. 12. |

| 26 | Dr PV Patil and Dr. MK Patil (2021) For better health need to be good environment in |
|----|---|
| 27 | stomach. Sakal Agrowan, 13.12.2021, pp. 12. Dr PV Patil and Dr. MK Patil (2021) Good nutritive value feed should be given to |
| 27 | animals. Sakal Agrowan, 14.12.2021, pp. 12. |
| 28 | Dr PV Patil and Dr. MK Patil (2021) Importance of fiber rich food in animal nutrition. Sakal Agrowan, 15.12.2021, pp. 12. |
| 29 | Dr PV Patil and Dr. MK Patil (2021) Importance of health management in Animals. Sakal Agrowan, 20.12.2021. |
| 30 | Dr PV Patil and Dr. MK Patil (2022) Preventive measures on non-infectious diarrhoea in Animals. Sakal Agrowan, 23.03.2022, pp. 10. |
| 31 | Dr PV Patil and Dr. MK Patil (2022) Treatment on diarrhoea in Animals. Sakal |
| | Agrowan, 24.03.2022, pp. 10. |
| 1 | Radio Talks |
| 1 | Dr.SandeepDhenge. (2021).UsmaghataneJanvaranaHonareAajar. Akashwani Nanded. Broadcasted on 11.05.2021 |
| 2 | Dr.SandeepDhenge. (2021). Vasaranchya Martukiche Karne Aaniupay. Akashwani |
| 3 | Nanded. Broadcasted on 08.06.2021 |
| | Dr.SandeepDhenge. (2021).DugdhaJwar. Akashwani Nanded. Broadcasted on 22.06.2021 |
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| | TV Talk: Nil |
| | A P A WARE V A LAN |

15.FARM ACTIVITIES (2021-22) Consider all farms under college, give separate information for each farm in following table

| 1. Name of farm: Cattle Breeding Farm, COVAS, Udgir | | | | | | | | |
|---|----------------------|-----|------|--|-------|------|---------|--|
| Year of establishmen | t | : | 19 | 1952 | | | | |
| Mandate | | : | Eı | nglish- | | | | |
| | | | C | Conservation of Deoni animals. Conservation of Osmanabadi goat Fodder production | | | | |
| Total land | | : | U | Udgir-612.5 Acre; Sunegaon-187.5 Acre = 800 Acres | | | | |
| Land under cultivation | n | : | U | Udgir-92.5 Acre Sunegaon-20.0 Acre = 112.5 Acres | | | | |
| Grazing land | | : | 30 |) Acres | | | | |
| Land under any other | purpose | : | - | | | | | |
| Livestock strength o | n 31 st M | arc | h 20 | 022 | | | | |
| Sr. No. | | Cat | tle | Buffalo | Sheep | Goat | Poultry | |
| 1 | | 69 | 9 | 80 | 07 | 72 | 1000 | |
| Receipt from farm in Rs. | | | | | | | | |

| Sale of milk | 13,78,087/ | |
|--|-------------|--|
| Goat & dairy training | 30,550/- | |
| Sale of fodder stumps/seed/Azolla | 10,500/- | |
| Sale of animal/s (Sheep & Goat) | 3,60,192 | |
| sale of eggs | - | |
| Poultry trainings | 10500/- | |
| Any other item- Sale of fodder /grain, | 2,57,846/- | |
| Total | 20,37,175/- | |

College of Dairy Technology

Name of farm/STDP

| S.N. | Name of College | Student Training Dairy Plant(STDP) |
|------|-----------------------------------|------------------------------------|
| 1 | Year of establishment | |
| 2 | Mandate | English- |
| | Mandate | Marathi- |
| 3 | Quantity of Milk handle ELU | |
| 4 | Expenditure on manufacturing of | |
| | milk products | |
| 5 | Sale of milk Products | |
| 6 | Profit from sale of Milk products | |

College of Fishery Science

| Name of farm: | | | | | |
|--|--------------------------------------|---|----------|--|--|
| Year of establishment | | : | | | |
| Mandate | | : | English- | | |
| | | | Marathi- | | |
| Total land | | : | | | |
| Water spread area | | : | | | |
| Livestock strength on 31st March 2022: Fish - kg | | | | | |
| Receipt from | farm in Rs. | | | | |
| Sal | Sale of fodder stumps/seed/fish seed | | | | |
| Fish trainings | | | | | |
| То | otal | | | | |

16.AWARDS, HONOURS AND RECOGNITIONS

STAFF AWARDS/ HONOURS/ RECOGNITIONS

| Sr. | Name of Faculty with designation | Name of Award / | Place | Date |
|-----|------------------------------------|-------------------------------|----------|--|
| No. | and name of Department | Achievement with details | | |
| 1 | Dr. S.P. Awandkar, Assistant | FSASS | Online | 11/11/2021 |
| | Professor, Veterinary Microbiology | | | |
| 2 | Dr. A. D. Patil, Dept. of ARGO, | Dr. N. C. Sharma Memorial | Kerala | December |
| | College of Veterinary and Animal | Award 2020 in the recognition | Veterian | 27 th to 29 th , |

| | Science, Udgir | of meritorious contribution to | ry and | 2021 |
|------|---------------------|--------------------------------|----------|------|
| | | the research in Animal | Animal | |
| | | Reproduction by the Indian | Sceinces | |
| | | Society for study of Animal | Universi | |
| | | Reproduction | ty, | |
| | | | Mannut | |
| | | | hy, | |
| | | | Kerala | |
| 2- | Dr.R.D.Suryawanshi | Certificate of recognition | COVA | 2021 |
| Mar | Asst.Professor, VPH | from TEXILA International | S, | |
| athi | | Journal of Public Health for | Udgir | |
| | | outstanding contribution to | | |
| | | the quality of journal as a | | |
| | | peer reviewer for the year | | |
| | | 2020& 2021. | | |

17.VISITS OF DIGNITARIES (Regular official visits of University officers should not be included. Only visits of important dignitaries should be included)

| Sr. No. | Name of Dignitary with Designation | Date | Purpose of Visit |
|------------|------------------------------------|------|------------------|
| 1- English | | | |
| 1- Marathi | | | |
| 2- English | | | |
| 2- Marathi | | | |