

## Research:

### 1. Thesis:

Master:

| Name of Department : |                                    |                                                                                                                                                    |                    |                     |
|----------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------|
| Sr. No.              | Name of the Student                | Title of Thesis                                                                                                                                    | Year of Completion | Name of the Advisor |
| 1.                   | Ms. Aware Neelam Nitin             | Gross anatomical and histological studies on laparoscopically excised ovaries in dog( Canis domesticus)                                            | 2014               | Dr.V.D.shankhapal   |
| 2.                   | Mr. Barade Ketan Gumansing         | Gross anatomical and histological studies on atria of heart in goat(Capra hircus)                                                                  | 2015               | Dr.V.D.shankhapal   |
| 3.                   | Mr.Bhosale Pratap Hanumant         | Gross anatomical and histological studies of testis in goat (capra hircus)                                                                         | 2016               | Dr.V.D.shankhapal   |
| 4.                   | Mr.Lavate Nitin Subhash            | Gross anatomical and histomorphological studies on laparoscopically excised uterus in cat (felis catus)                                            | 2017               | Dr.V.D.shankhapal   |
| 5.                   | Ms. Avril Dominia Randolph Walters | Gross anatomical and histological studies of the plantar group muscles in the hind limb in dog(Canis familliaris)                                  | 2017               | Dr.V.D.shankhapal   |
| 6.                   | Mr.Patil Harshal Gopal             | Gross Anatomical and Histomorphological Studies of Flexor and extensor muscle of Digits in Dog(Canis domesticus) in relation to functional anatomy | 2019               | Dr.V.D.shankhapal   |
| 7.                   | Mr Pawar Priyesh Pramod            | Gross Anatomical and Histomorphological study of Epididymis of dogs (Canis domesticus).                                                            | 2022               | Dr.V.D.shankhapal   |
| 8.                   | Yamgar Aakash hanmant              | Gross anatomical and histomorphological characterization of lens of normal and                                                                     | 2023               | Dr.V.D.shankhapal   |

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|  |  | cataractus eye of dog ( <i>Canis domesticus</i> ) |  |  |
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Doctoral:

| Name of Department: |                     |                 |                    |                     |
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| Sr. No.             | Name of the Student | Title of Thesis | Year of Completion | Name of the Advisor |

2. Research Papers Published:

List of Research Publications:

| Sr. No. | Authors                                                       | Year | Title of the Research Paper                                                                                                    | Name of the Journal | Volume; Page Nos.         | NAAS Rating, if any |
|---------|---------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------|---------------------|
| 1       | Gaikwad, S. A., Dhande, P. L. and <b>Shankhapal, V. D.</b>    | 2001 | Gross Anatomical studies of the Superior Sesamoidean Ligament in relation to Biomechanics in Buffalo in Comparison with Cattle | Buffalo Journal     | 3: 371 – 382              | 6.20                |
| 2       | <b>. Shankhapal, V. D.</b> , Dhande, P. L. and Gaikwad, S. A. | 2001 | Comparative Gross Anatomical study of the Abomasum of the Cattle and Buffalo.                                                  | Indian Vet. J.      | <b>78 (3):</b> 231 - 233. | 4.93                |

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| 3 | <b>V. D. Shankhapal</b> , V. R. Bhamburkar, R. S. Dalvi, S. B. Banubakode and A. P. Gawande | 2004 | Morphometrical Observations of skull of Indian Tiger ( <i>Panthera tigris tigris</i> ).                               | Journal of Bombay Veterinary college.     | 12(1&2)<br>74-76           | -    |
| 4 | S.B.Banubakode, V.R.Bhamburkar, S.C.Vora, <b>V.D.Shankhapal</b> and R.Y.Charjan             | 2005 | Histological study on changes in the oviduct during different phases of estrous cycle in goat ( <i>Capra hicus</i> ). | Indian journal of Veterinary Anatomy,     | Vol.17:<br>15-18           | 4.86 |
| 5 | O.N.Ladukar, Neeta Ladukar and <b>V.D.Shankhapal</b>                                        | 2006 | Microanatomical studies of ovary and pituitary gland in laying hen.                                                   | The Royal Veterinary Journal Of India .   | Vol.2:<br>96-98            | -    |
| 6 | 6. O.N.Ladukar, <b>V.D.Shankhapal</b> , NeetaLadukar, U.P.Mainde and B.N.Zade               | 2006 | Microanatomical study of horn in spotted Deer ( <i>Axia axis</i> ).                                                   | The Indian Journal of Field Veterinarian, | Vol.2<br>(Number 1): 55-58 | 5.58 |
| 7 | O.N.Ladukar, Neeta Ladukar and <b>V.D.Shankhapal</b>                                        | 2006 | A note on parasymphetic ganglion in the ovary of laying hen.                                                          | The Indian Journal of Field Veterinarian, | Vol.2<br>(Number 1): 59-60 | 5.58 |

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| 8  | Neeta Ladukar, O.N.Ladukar and <b>V.D.Shankhapal</b>                                             | 2006 | Comparative morphological study on bony pelvis of monkey ( <i>Presbytis entellus</i> ), bison ( <i>Bos gaurus</i> ) and buffalo ( <i>Bubalus bubalis</i> ). | Veterinary World,                         | Vol.5: 49-51          | 4.83 |
| 9  | O.N.Ladukar, <b>V.D.Shankhapal</b> , Neeta Ladukar and Shweta Lende                              | 2007 | Celiacomesenteric plexus and ganglion in buffalo( <i>Bubalus bubalis</i> ).                                                                                 | The Indian Journal of Field Veterinarian, | Vol.2(Number3): 30-32 | 5.58 |
| 10 | . S.N.More,A.S.Karle,Neeta Ladukar, <b>V.D.Shankhapal</b> and Shweta Lende Vol.2(Number3): 33-35 | 2007 | Microarchitecture of skin of spotted deer( <i>Axis axis</i> )                                                                                               | The Indian Journal of Field Veterinarian, |                       | 5.58 |
| 11 | R.D. Suryavanshi, Ladukar, <b>V.D.Shankhapal</b> , Neeta Ladukar,                                | 2007 | Micro anatomical Studies on ovary of Japanese quail,                                                                                                        | IJFV,                                     | Vol. 3                | 5.58 |
| 12 | A.S. Karle, O.N. Ladukar, Neeta Ladukar, <b>V.D. Shankhapal</b> ,                                | 2007 | Morphohisto architecture of syrinx                                                                                                                          | IJFV,                                     | Vol. 3.               | 5.58 |

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|--------|--------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------------|----------|
|        |                                                                                                              |          | Japanese quail,                                                                       |                                                                 |                  |          |
| 1<br>3 | R.D. Suryawanshi, A.S. Karle,<br>Neeta Ladukar, V.D. Shankhapal, O.N.<br>Ladukar,                            | 20<br>08 | Comparative<br>histo<br>architecture<br>of syrinx in<br>cockrel &<br>broiler,         | ,IJFV,                                                          | Vol. 3(4)        | 5.5<br>8 |
| 1<br>4 | O.N.Ladukar.V.D.Shankhapal and Neeta<br>Ladukar                                                              | 20<br>08 | Morphometri<br>c<br>Observations<br>on skull of<br>bison and<br>buffalo .             | Indian<br>Vet.J.,                                               | 85:531-<br>533   | 4.9<br>3 |
| 1<br>5 | . R.D. Suryavanshi, Neeta Ladukar, <b>V.D. Shankhapal</b> , O.N Ladukar H.p.Narkhede and P.M.Shirsikar       | 20<br>09 | Microstructu<br>re of thyroid<br>gland in<br>quail                                    | The<br>Indian<br>Journal of<br>Field<br>veterinari<br>ans       | Vol<br>no.2(1),  | 5.5<br>8 |
| 1<br>6 | H.P.Narkhede V.P.. Suryavanshi, O.N<br>Ladukar. R.D. Suryavanshi Neeta<br>Ladukar and <b>V.D. Shankhapal</b> | 20<br>09 | Histoarchitex<br>ture of<br>epidermis of<br>snake                                     | The<br>Indian<br>Journal of<br>Field<br>veterinari<br>ans       | Vol<br>no.5(2),  | 5.5<br>8 |
| 1<br>7 | . Kolekar V P, Patil A D Dhande P.L.<br>,Shankhapal V D Aware N N and Jadhav<br>P.M                          | 20<br>13 | Bio<br>metrical<br>studies on<br>ventricles of<br>heart in<br>sheep.                  | . The<br>journal of<br>Bombay<br><br>Veterinar<br>y<br>College. | Vol<br>no.20(2), | -        |
| 1<br>8 | . Shankhapal V D ,Ladukar O.N Dalvi R<br>S and Gawande R.S.                                                  | 20<br>14 | Ultrastructur<br>al features of<br>goat oviduct<br>epithelium<br>during<br>follicular | The<br>journal of<br>Bombay<br>Veterinar<br>y College           | Vol<br>no.21(1), | -        |

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|    |                                                                           |      | phase of estrous cycle: Scanning electron microscope study                                 |                                           |               |   |
| 19 | 17. Aware N N ,Shankhapal V D ,Dhande P L,Khandekar G.S. and Kolekar V P  | 2014 | Micrometric al studies on laproscopically excised ovaries of dog (Canis domesticus).       | The journal of Bombay Veterinary College  | Vol no.21(1), | - |
| 20 | . V D Shankhapal, O N Ladukar , R S Dalvi, N C Nandeshwar and A P Gawande | 2014 | Histomorphological study of goat oviduct epithelium during luteal phase of estrous cycle . | .The journal of Bombay Veterinary College | Vol no.21(2), | - |
| 21 | Aware N N,Shankhapal V D Dhande P L,Khandekar G.S. and Kolekar V P        | 2014 | Histomorphological study on laproscopically excised ovaries in dog(Canis domesticus)       | The journal of Bombay Veterinary College  | Vol no.21(2), | - |
| 22 | Kolekar V P ,Patil A D,Shankhapal V D Aware N N and Jadhav P M            | 2014 | Micrometric al study on ventricle of heart in sheep(Ovis aries) .                          | The journal of Bombay Veterinary College  | Vol no.21(2), | - |

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| 2<br>3 | . Jyoti Saini, P. L. Dhande, S. A. Gaikwad, V. D. Shankhapal and Elizabeth V. L. H | 20<br>16 | Transmission electron microscope and sperm function study of spermatozoa in Murrah buffalo (Bubalus bubalis) | Indian J, of Vet. Anatomy | Vol. 28/2 : pp 84-87 | 4.8<br>6 |

List of Marathi and Popular articles published:

| Sr. No | Authors                                                                  | Year        | Title                                                               | Name of the Journal/Magazine | Volume : Page Nos. |
|--------|--------------------------------------------------------------------------|-------------|---------------------------------------------------------------------|------------------------------|--------------------|
| 1      | डॉ. ओंकार लाडूकर<br>डॉ. निता लाडूकर<br>डॉ. विनोद शंखपाळ<br>डॉ. उमेश माईद | एप्रिल 2006 | दुग्धव्यवसायासाठी गाईच्या देशी -विदेशी जातीचे शास्त्रोक्त माहिती    | कृषि व्यासपिठ                | 48-49              |
| 2      | डॉ. निता लाडूकर<br>डॉ. ओंकार लाडूकर<br>डॉ. विनोद शंखपाळ                  | जुलै 2006   | दुग्धउत्पादनासाठी पशुपालकांनी हिरवा चारा पिकांचे नियोजन कसे करावे ? | कृषि व्यासपिठ                | 40-41              |
| 3      | डॉ. निता लाडूकर<br>डॉ. ओंकार लाडूकर<br>डॉ. विनोद शंखपाळ                  | जुलै 2006   | म्हशीपासुन दर्जेदार व भरपूर दुध उत्पादनासाठी आवश्यक घटकांची समिक्षा | कृषि व्यासपिठ                | 43-44              |

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| 4 | डॉ. विनोद<br>शंखपाळ<br><br>डॉ. निता लाडूकर<br><br>डॉ. ओंकार<br>लाडूकर     | जुलै<br>2006     | दुष्काळी<br>परिस्थितीत<br>जनावरांचे पोषण<br>कसे करावे?                                             | कृषि व्यासपिठ | 45-46 |
| 5 | डॉ. डि. एस.<br>रघुवंशी<br><br>डॉ. ए.पी. गावंडे<br><br>डॉ. विनोद<br>शंखपाळ | जुलै<br>2006     | कृत्रिम रेतनाद्वारे<br>संकरीकरणकाळाची<br>गरज                                                       | कृषि व्यासपिठ | 41-42 |
| 6 | डॉ. निता लाडूकर<br><br>डॉ. ओंकार<br>लाडूकर<br><br>डॉ. विनोद<br>शंखपाळ     | ऑगस्ट<br>2006    | भरपुर दुध<br>उत्पादनासाठी सकस<br>पशुखाद्याती<br><br>कमी खर्चाचे घटक                                | अर्जुन        | -     |
| 7 | डॉ. निता लाडूकर<br><br>डॉ. ओंकार<br>लाडूकर<br><br>डॉ. विनोद<br>शंखपाळ     | सप्टेंबर<br>2006 | दुग्ध उत्पादनासाठी<br>आवश्यक पोषण<br>मुल्ये युक्त सुक्या<br>वैरणीचा वर्षभर<br>पुरवठा कसा<br>करावा? | कृषि व्यासपिठ | 58-59 |



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| 8  | डॉ. डि. एस.<br>रघुवंशी<br>डॉ. ए.पी. गावंडे<br>डॉ. विनोद<br>शंखपाळ<br>डॉ. निता लाडकर        | ऑक्टोबर<br>2006   | मेढयांमधील प्रजनन<br>व्यवस्थापन                           | कृषि व्यासपिठ    | 41-42 |
| 9  | डॉ. डि. एस.<br>रघुवंशी<br>डॉ. ए.पी. गावंडे<br>डॉ. विनोद<br>शंखपाळ<br>डॉ. पी. आर.<br>सीरसाट | नोव्हेंबर<br>2006 | शेळयांना होणारे<br>प्रजनन संस्थेचे<br>आजार                | कृषि व्यासपिठ    | 46-47 |
| 10 | डॉ.<br>. निता लाडकर<br>डॉ. ओंकार<br>लाडकर<br>डॉ. विनोद<br>शंखपाळ                           | जानेवारी<br>2007  | जनावरातील रोगांचा<br>प्रतिबध व उपचारात<br>नियोजनाचे महत्व | कृषि<br>व्यासपिठ | 11-12 |
| 11 | डॉ. निता लाडकर<br>डॉ. ओंकार<br>लाडकर<br>डॉ. विनोद<br>शंखपाळ                                | एप्रिल<br>2007    | दुध उत्पादनाची<br>अनुवंशिकता                              | कृषि<br>व्यासपिठ | -     |
| 12 | डॉ. विनोद<br>शंखपाळ<br>डॉ. ओंकार<br>लाडकर                                                  | मे 2007           | पशु प्रदर्शनासाठी<br>जनावराची तयारी<br>कशी करावी?         | कृषि<br>व्यासपिठ | 29-30 |

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|    | डॉ. निता लाडकर<br>डॉ. उमेश माईद                                                                |                 |                                                                  |                                                           |                                       |
| 13 | डॉ. विनोद<br>शंखपाळ<br><br>डॉ. ओंकार<br>लाडकर<br><br>डॉ. आर. एस.<br>दळवी<br><br>डॉ. निता लाडकर | ऑक्टोबर<br>2007 | अस्वच्छ दुध<br>निर्मितीची कारणे व<br>उपाय                        | कृषि व्यासपिठ                                             | 48-49                                 |
| 14 | Dr.Arun Ninawe<br><br>D.L.Bijwal<br><br>V.D.Shankhpal                                          | January<br>2010 | Livestock<br>development in<br>vidarbha region<br>of Maharashtra | Agrovet Buzz                                              | Vol.II,Is<br>sue-4<br><br>pp:4-<br>12 |
| 15 | डॉ. संजय बाबू<br>लंबाते<br><br>डॉ. विनोद<br>शंखपाळ                                             | 2022            | प्राण्यांच्या अंतरंगाची<br>रचना आणि त्याचे<br>कार्य              | बहुउद्देशीय कृत्रीम रेतन<br>तंत्रज्ञान प्रशिक्षण स्मरणिका | 29                                    |
| 16 | डॉ. संजय बाबू<br>लंबाते<br><br>डॉ. विनोद<br>शंखपाळ                                             | 2022            | गायची प्रजनन संस्था                                              | बहुउद्देशीय कृत्रीम रेतन<br>तंत्रज्ञान प्रशिक्षण स्मरणिका | 35                                    |