

**Department of Veterinary Parasitology,  
CAFT in Veterinary Parasitology,  
Veterinary College, Hebbal, Bangalore**

**Achievements of HRD section during three year action plan (2017-2020)**

**Staff Position of CAFT**

| <b>Sl. No.</b> | <b>Year</b>    | <b>Staff Position</b>  |
|----------------|----------------|--|
| <b>1</b>       | <b>2017-18</b> | <ol style="list-style-type: none"> <li>1. Dr.Placid E.D'Souza, Director, CAFT cum Dean, Veterinary College, Bangalore</li> <li>2. Dr. P.M.Thimmareddy, Professor, Dept. of Veterinary Parasitology.</li> <li>3. Dr. H.Dhanalakshmi, Assistant Professor, Dept. of Veterinary Parasitology</li> <li>4. Dr.G.S. Mamatha, Assistant Professor, Dept. of Veterinary Parasitology</li> <li>5. Dr.Jaya Nagappa Lakkundi, Assistant Professor, Dept. of Veterinary Parasitology</li> </ol>  |
| <b>2</b>       | <b>2018-19</b> | <ol style="list-style-type: none"> <li>1. Dr.M.L.Satyanarayana, Director, CAFT cum Division Head, Pre and Para-clinical studies, Veterinary College, Bangalore</li> <li>2. Dr. H.Dhanalakshmi, Assistant Professor and Head (i/c), Dept. of Veterinary Parasitology</li> <li>3. Dr.Jaya Nagappa Lakkundi, Assistant Professor, Dept. of Veterinary Parasitology</li> </ol>   |
| <b>3</b>       | <b>2019-20</b> | <ol style="list-style-type: none"> <li>1. Dr.M.L.Satyanarayana, Director, CAFT cum Division Head, Pre and Para-clinical studies, Veterinary College, Bangalore</li> <li>2. Dr.K.J.Ananda, Associate Professor and Head (i/c), Dept. of Veterinary Parasitology</li> <li>3. Dr. H.Dhanalakshmi, Assistant Professor, Dept. of Veterinary Parasitology</li> <li>4. Dr.G.S. Mamatha, Assistant Professor, Dept. of Veterinary Parasitology</li> <li>5. Dr.Jaya Nagappa Lakkundi, Assistant Professor, Dept. of Veterinary Parasitology</li> </ol> |

**Infrastructure development**

**2017-18      Renovation of UG practical hall**

**2018-19      Development of Advanced post-graduate research wing**

## Training programmes organized

### National training programmes (21 days)

| Sl. No | Title   | Date   | No. of participants |
|--------|---|--|---------------------|
| 1      | An update on Vectors and vector borne diseases                                      | 14 <sup>th</sup> November to 4 <sup>th</sup> December 2017 | 24                  |
| 2      | A Short course on Diagnostic Methods and Control of Emerging Parasitic Diseases     | 10 <sup>th</sup> to 30 <sup>th</sup> January 2019          | 22                  |
| 3      | Different approaches for control of parasitic diseases of large and small ruminants | 20 <sup>th</sup> November to 10 <sup>th</sup> December     | 16                  |

### State level training programmes (3 days)

| # | Date                     | Place                                | Title                                    |
|---|--------------------------|--------------------------------------|--|
| 2 | 21.8.2017 to 23.8.2017   | Karnataka Veterinary Council, Hebbal | “Refresher course on Parasitic Diseases” |
| 4 | 06.12.2017 to 08.12.2017 | Karnataka Veterinary Council, Hebbal | “Refresher course on Parasitic Diseases” |
| 5 | 12.12.2017 to 13.12.2017 | Karnataka Veterinary Council, Hebbal | “Refresher course on Parasitic Diseases” |

### Projects completed through CAFT funding:

| Title  | Funding Agency | Budget (in lakhs)             | Yr. of Comt. | Yr. of Cmpl. | Principal Investigator   |
|--|----------------|-------------------------------|--------------|--------------|--------------------------|
| A study on Hepatointestinal Schistosomosis in cattle   | KVAFSU         | 0.25                          | 2016         | 2018         | Dr.H.Dhanalakshmi        |
| Dynamics of Epidemiological intelligence and risk factor analysis for Surra in Wild and domestic animals | KVAFSU         | Recurring contingency of CAFT | 2016         | 2018         | Dr.Jaya Nagappa lakkundi |

### MVSc and Ph.D admitted

| Sl.No | 2017-18 | 2018-19 | 2019-2020 |
|-------|---------|---------|-----------|
| MVSc  | -       | -       | 10        |
| Ph.D  | 3       | -       | -         |

### MVSc and Ph.D completed

| Sl.No          | 2017-18 | 2018-19 | 2019-2020 |
|----------------|---------|---------|-----------|
| MVSc completed | 2       | 2       | -         |
| Ph.D completed | -       | 1       | 3         |

## i) Publications

**Journals:** Full length research articles – 27

Abstracts in conferences: 36

Extension publications – 3 compendium for national training programme, 3 training programme manuals for national and state level training programmes, 6 practical manuals for undergraduate students

| Sl. No. | Year | Authors   | Title of Manual  |
|---------|------|---|--|
| 1.      | 2017 | Placid E. D'Souza, P.M.Thimmareddy, G.S.Mamatha and Jaya N. Lakkundi                  | Training Compendium on Refresher Course on Parasitic Diseases under Continued Veterinary Education Programme for Registered Veterinary Practitioners held from 21-08-2017 to 23-08-2017 at KVC, Bangalore.                                 |
| 2.      | 2017 | Placid E. D'Souza, P.M.Thimmareddy,G.S.Mamatha, Jaya N. Lakkundi and H. Dhanalakshmi  | Training Compendium on “ <b>An Update on Vectors and Vector Borne Diseases</b> ” at XXI National Training Programme under CAFT held from 14 <sup>th</sup> November to 04 <sup>th</sup> December, 2017.                                     |
| 3.      | 2017 | Placid E. D'Souza, P.M.Thimmareddy, G.S.Mamatha, Jaya N. Lakkundi and H. Dhanalakshmi | A practical training manual on “ <b>Identification of Vectors and Diagnosis of Vector Borne Parasitic Diseases</b> ” in XXI National Training Programme under CAFT held from 14 <sup>th</sup> November to 04 <sup>th</sup> December, 2017. |
| 4       | 2017 | Placid E. D'Souza, P.M.Thimmareddy, G.S.Mamatha, Jaya N. Lakkundi and Dhanalakshmi.H  | Training Compendium on Refresher Course on Parasitic Diseases under Continued Veterinary Education Programme for Registered Veterinary Practitioners held from 21 <sup>st</sup> to 23 <sup>rd</sup> August, 2017 at KVC, Bangalore.        |
| 5       | 2017 | Placid E. D'Souza, P.M.Thimmareddy, G.S.Mamatha, Jaya N. Lakkundi and Dhanalakshmi.H  | Training Compendium on Refresher Course on Parasitic Diseases under Continued Veterinary Education Programme for Registered Veterinary Practitioners held from 12.12.2017 to 13.12.2017 at KVC, Bangalore.                                 |
| 6       | 2017 | Placid E. D'Souza, P.M.Thimmareddy, G.S.Mamatha, Jaya N. Lakkundi and                 | Undergraduate manual for General Veterinary Parasitology and Helminthology, Veterinary Entomology and Acarology and Veterinary   |

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|----|------|--|---|
|    |      | Dhanalakshmi.H   | Protozoology.   |
| 7  | 2018 | M.L.Satyanarayana,<br>H.Dhanalakshmi, Jaya N.<br>Lakkundi                                | Training compendium on A Short course on Diagnostic Methods and Control of Emerging Parasitic Diseases held from 10.1.2019 to 30.1.2019         |
| 8  | 2018 | M.L.Satyanarayana,<br>H.Dhanalakshmi, Jaya N.<br>Lakkundi                                | A practical training manual on A Short course on Diagnostic Methods and Control of Emerging Parasitic Diseases held from 10.1.2019 to 30.1.2019 |
| 9  | 2019 | Placid E. D'Souza, Jaya N.<br>Lakkundi and<br>Dhanalakshmi.H                             | Undergraduate manual for Veterinary Parasitology Paper I and II   |
| 10 | 2019 | M.L.Satyanarayana,<br>K.J.Ananda,H.Dhanalakshmi<br>, G.S.Mamatha, Jaya N.<br>Lakkundi    | Training compendium on Different approaches for control of parasitic diseases of large and small ruminants held from 20.11.2019 to 10.12.2019   |
| 11 | 2019 | M.L.Satyanarayana,<br>K.J.Ananda,<br>H.Dhanalakshmi,<br>G.S.Mamatha, Jaya N.<br>Lakkundi | A practical manual on Different approaches for control of parasitic diseases of large and small ruminants held from 20.11.2019 to 10.12.2019    |
| 12 | 2020 | K.J.Ananda,<br>H.Dhanalakshmi,<br>G.S.Mamatha, Jaya N.<br>Lakkundi                       | Undergraduate manual for Veterinary Parasitology Paper I and II   |

#### Publications in Journals:

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| 1. | Archana M, Placid E D'Souza, Jagadeesh Patil. 2017. Efficacy of entomopathogenic nematodes (Rhabditida: Steinernematidae and Heterorhabditidae) on developmental stages of house fly, <i>Musca domestica</i> . Journal of Parasitic Diseases; DOI 10.1007/s12639-017-0889-3    |
| 2  | K .U. Vijayakumar, G C. Puttalakshamma, Placid E. D'Souza, P P.,Sengupta,B M. Chandranaik and C.Renukprasad, 2017. Parasitological and molecular detection of bovine babesiosis in endemic areas of Karnataka state. Indian Journal of Animal Sciences <b>87</b> (4): 422–426. |
| 3  | Satheesha, S.P., Udupa, K.G., Appannavar, M.M., Thimmareddy, P.M., Patil, N.A. and Labuschagne, K. 2017. Host Preferences of Dominant Culicoides (Diptera):  |

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|    | Ceratopogonidae) species Near Domestic Animals. Frontier Journal of Veterinary and Animal Sciences, Vol. 6(1): 20-23   |
| 4  | R. Shruthi, P.M.Thimmareddy, G.S.Mamatha, B.M.Chandranaik and G.C.Puttalakshamma, 2017. Studies on theileriosis in goats from Karnataka, South India. Journal of Parasitic Diseases. Vol. 41(4): 1082–1085.  |
| 5  | M.S.Ashwini, B.M.Chandranaik, G.C.Puttalakshamma, G.S.Mamatha, R. Shruthi, B.P.Shivashankar and P.M.Thimmareddy. 2017. Flea Infestation and its therapeutic management in sheep and goats. Indian Veterinary Journal, 94(06): 65-66  |
| 6  | G.S.Mamatha, M.S.Ashwini, B.M.ChandraNaik, V. Srivasthava, G.C.Puttalakshamma, K.J.Rohit, R. Shruthi, Placid E. D'Souza and P.M.Thimmareddy. 2017. Outbreaks of Sarcoptic Mange in Sheep from Karnataka state. Indian Veterinary Journal, 94(12): 26-27  |
| 7  | M.A.Kshama, G.S.Mamatha and G.C.Puttalakshamma. 2017. Successful treatment of <i>Babesia gibsoni</i> infection in a splenectomized dog. Intas Polivet, 18(1), 183-184.   |
| 8  | M. Veena, H. Dhanalakshmi, Kavitha K, Placid E. D' Souza and G.C. Puttalakshamma. 2017. Morphological characterization of demodex mites and its therapeutic management with neem leaves in canine demodicosis. Journal of Entomology and Zoology Studies, 5(5), 661-664  |
| 9  | H.Dhanalakshmi, M.Veena and Kavitha. 2017. Diagnosis and management of hemotropic Mycoplasmosis in dogs. Intas Polivet, 18(1), 192-193.  |
| 10 | Kavitha,K., Dhanalakshmi, H.,Shivakumar, M. and Veena,M. 2017. Prevalence of Gastrointestinal Helminth infection in sheep and goats in and around Hassan, Karnataka state, India. Frontier Journal of Veterinary and Animal Sciences. 6(1), 37-42.   |
| 11 | Manjunatha.L., Puttalakshamma, G.C., Balaraju, B.L., Dhanalakshmi. H and Veena.M. 2017. Ectoparasite infestation in livestock: An exploratory study in Hassan, Karnataka. International Journal of Science, Environment and Technology, 6(2):1438-1446.  |
| 12 | Mamatha G.S., Muniyellapa, H.K., Chandranaik, B.M. and Thimmareddy, P.M. 2018. Incidence of tropical fowl mite infestation in poultry layers and humans. Journal of Entomology and Zoology Studies, 6(2): 580-582  |
| 13 | Sudha Rani R., Placid E. D'Souza , Chandranaik B.M., Byregowda S.M., Sengupta P.P., Veeregowda B.M. and Thimmareddy P.M., 2018. Evaluation of acaricidal activity of <i>Carica papaya</i> seeds and <i>Ricinus communis</i> leaves extract against sheep ticks. International Journal of Agriculture Sciences 10, 10, 6035-6039. |
| 14 | Sudha Rani R., Placid E. D'Souza, S.M. Byregowda , B.M. Veeregowda., P.P Sengupta, B.M. Chandranaik and P.M. Thimmareddy, 2018. In vitro acaricidal efficacy of deltamethrin, cypermethrin and amitraz against sheep ticks in Karnataka. Journal of Entomology and Zoology Studies, 6(3): 758-762.                               |
| 15 | Gautham N., D'Souza P.E. and Biradar S.S. , 2018. Prevalence of gastrointestinal parasitism  |

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|    | in cats from Bengaluru city region. International Journal of Agriculture Sciences 10, 19, 7317-7319   |
| 16 | Roopesh M.P., Placid Eugene D'Souza and G.S.Mamatha, 2018. Molecular detection of canine Babesia in ticks of Bengaluru, South India. Journal of Entomology and Zoology Studies, 6(5), 962-965.  |
| 17 | Mullur Prabhuswamy Roopesh, Eugene Placid D'Souza and Gotakanapura Sanjeevamurthy Mamatha, 2018. Molecular detection and characterization of canine Babesia from South India. International Journal of Pure and applied Biosciences, 6(6), 924-930.               |
| 18 | S. Shantaveer Biradar, Placid E. D'Souza and G.S.Mamatha. 2018. Prevalence of Ovine Theileriosis in Northern Karnataka. Indian Journal of Veterinary and Animal Sciences Research, 47(5): 1454-1460   |
| 19 | Chaitra K.Gowda, G.C.Puttalakshamma, Placid E. D'Souza, G.S.Mamatha and B.M.Chandranaiik. 2018. Survey of gastrointestinal parasites of pigs slaughtered in Bengaluru. 32(1): 23-27   |
| 20 | G.S.Mamatha, K.Chaitra, B.M.Chandranaiik, G.C.Puttalakshamma and Placid Eugene D'Souza. 2018. Coproscopic study to evaluate the prevalence of endoparasites in wild boars ( <i>Sus Scrofa</i> ). Intas Polivet, 19(11): 349-351                                   |
| 21 | Shakuntala Kage, Mamatha G.S., Jaya Nagappa Lakkundi, B.P. Shivashankar and Placid Eugene D'Souza. 2019. Prevalence of ixodid ticks on <i>Babesia ovis</i> infected sheep and goats in Karnataka state. Journal of Entomology and Zoology Studies., 7(4): 511-515 |
| 22 | Shakuntala Kage, Mamatha G.S., Jaya Nagappa Lakkundi, B.P. Shivashankar and Placid Eugene D'Souza. 2019. Detection of incidence of Babesia spp. in sheep and goats by parasitological diagnostic techniques. Journal of Parasitic Diseases, 43: 452-457           |
| 23 | Dhareppa Ganager, Mamatha G.S., A. Muralidhara, Jaya N. Lakkundi and B.P. Shivashankar. 2019. A study on occurrence of gastrointestinal parasites in Lions ( <i>Panthera leo</i> ), International Journal of Zoology Studies, 4(2): 43-46.                        |
| 24 | B.M.Manohara, Placid E. D'Souza, H. Dhanalakshmi and G.S.Mamatha. 2019. Phenotypic studies on hepatointestinal schistosomes in cattle. Veterinary Research International. 7(3): 149-153.  |
| 25 | B.M.Manohara, Placid E. D'Souza, G.S.Mamatha and H. Dhanalakshmi. 2019. Molecular studies on hepatointestinal schistosomes in cattle. 2019. Harayana Veterinarian, 58(2): 190-192   |
| 26 | S. Shantaveer Biradar, Placid E. D'Souza, G.S.Mamatha, H.M.Yathish and S.J.Siju. 2019. Molecular epidemiology and phylogenetic analysis of Theileria species in sheep. Indian Journal of small Ruminants. 25(2): 182-190  |
| 27 | Dhareppa Ganager, Gotakanapura Sanjeevamurthy Mamatha, Asoor, Muralidhara, Nagappa Lakkundi Jaya and Beechagondanahalli Papanna Shivashankar. 2019. Efficacy of   |

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|  | oxyclozanide and levamisole treatment on the gastrointestinal parasites in captive lions <i>Panthera leo</i> . Journal of Threatened Taxa, 11(15): 15043-15046 |
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ii) In Conferences / Seminars / Symposia / Workshops etc.

| # | Authors, Year of Publication, Title of Paper & Conference / Seminar / Symposia / Workshops etc., with Venue, Date & page nos.   |
|---|---|
| 1 | Placid E.D'Souza and M. Archana., 2017. Identification of insects by barcoding with special reference to Culicoides and Muscid flies. In "An update on diagnosis and control of parasitic disease". Ananda, K.J., Pradeep, B.S., Rakesh, R.L. and Malatesh, D.S., 2017, Department of Veterinary Parasitology, Veterinary College, Shimoga, Karnataka Veterinary, Animal and Fisheries Sciences University (KVAFSU), Bidar, Karnataka, India. pp 197-206. |
| 2 | Placid E. D'Souza and Archana, M. 2017. Applications of nanotechnology in the treatment and control of parasitic diseases-An Overview. 27 <sup>th</sup> National Conference of Parasitology, held from 25 <sup>th</sup> to 27 <sup>th</sup> April, 2017 at NIHMANS, Bengaluru, page 15-16.  |
| 3 | Gautham, N. and Placid E. D'Souza, 2017. Copro-PCR for screening Toxoplasmosis in stray cats from Bangalore. 27 <sup>th</sup> National Conference of Parasitology, held from 25 <sup>th</sup> to 27 <sup>th</sup> April, 2017 at NIHMANS, Bengaluru. Page No: 34  |
| 4 | P.M.Thimmareddy, Md. Hafeez, N. Prakash and GaneshaUdupa, 2017. Seroprevalence of <i>Toxoplasma gondii</i> in human patients in Bidar district of Karnataka. 27 <sup>th</sup> National Conference of Parasitology, held from 25 <sup>th</sup> to 27 <sup>th</sup> April, 2017 at NIHMANS, Bengaluru. Page No. 35  |
| 5 | Mamatha, G.S., Shanthaveer S. Biradar, Lavanya, K.V., Krishnamurthy C.M., BonathuDasmaBai and Placid E. D'Souza, 2017. Molecular characterization and phylogenetic analysis of Isospora species from Loris Tardigradus (Slender loris). 27 <sup>th</sup> National Conference of Parasitology, held from 25 <sup>th</sup> to 27 <sup>th</sup> April, 2017 at NIHMANS, Bengaluru. Page No. 55   |
| 6 | P.M.Thimmareddy, Md. Hafeez and C.B.Madhava Prasad, 2017. Isolation of <i>Toxoplasma gondii</i> like oocysts from a cat. 27 <sup>th</sup> National Conference of Parasitology, held from 25 <sup>th</sup> to 27 <sup>th</sup> April, 2017 at NIHMANS, Bengaluru. Page No. 96  |
| 7 | Manohara, B.M., Placid E. D'Souza and Mamatha G.S., 2017. A study on the prevalence of hepatointestinal parasites in cattle. 27 <sup>th</sup> National Conference of Parasitology, held from 25 <sup>th</sup> to 27 <sup>th</sup> April, 2017 at NIHMANS, Bengaluru. Page No: 103   |
| 8 | Archana, M., Placid E. D'Souza and KesavanSubaharan, 2017. Evaluation of biopesticide for control of <i>Musca domestica</i> . 27 <sup>th</sup> National Conference of Parasitology, held from 25 <sup>th</sup> to 27 <sup>th</sup> April, 2017 at NIHMANS, Bengaluru. Page No: 106  |
| 9 | Lavanya, K.V., Mamatha, G.S., Shanthaveer S. Biradar, Banothu Dasma Bai, Krishnamurthy C.M., and Placid E. D'Souza, 2017. Comparison of different methods in recovery and purification of coccidian oocysts. 27 <sup>th</sup> National Conference of Parasitology, held from 25 <sup>th</sup> to 27 <sup>th</sup> April, 2017 at NIHMANS, Bengaluru. Page No. 128   |

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|--------|--|
| 1<br>0 | Geetha, N., Mamatha, G.S., Thimmareddy, P.M., ShakuntalaKage, Jaya N Lakkundi, Placid E. D'Souza, 2017. Rearing and morphological identification of third stage larvae of Calliphorid flies. XXXIV Annual conference of Indian Association of Veterinary Pathologists Compendium held from 9-11 <sup>th</sup> November, 2017 at Bangalore, Karnataka. Page no. 473.  |
| 11     | AmithaReena Gomes,B.M.Veeregowda,S.M.Byregowda,D.Rathnamma,Placid E.D'Souza and V.Balamurugan, 2017. Expression of fusion protein of Peste Des Petitsruminants virus in Baculo virus system and its role as aputativeimmunogen. XV Biennial conference and national symposium on "Role of women Veterinarians in enhancement of livestock productivity,health and welfare" at College of Veterinary Science,PVNR TVU,Hyderabad from 21 to 22 November 2017,p.120-121 (First Best Oral Presentation award in the session "Application of Biotechnology in Animal Science sector") |
| 1<br>2 | Pradeep,B.S., Jaya.N., Lakkundi and Veena,M. 2017. Deltamethrin and Cypermethrin resistance in Rhipicephalus (Boophilus) microplus ticks of Bidar district of Karnataka. International Conference on "Facing Challenges Together for Sustainable Livestock and Poultry Health – A local initiative for global solutions" organized by Health Departments, Veterinary college and Research Institute, Namakkal, TANUVAS, Tamilnadu, page no.142   |
| 1<br>3 | Manjunath,S.P., and H.Dhanalakshmi, 2017. Public Health Importance of Bladder worms of Taenia in Hassan District of Karnataka. 13 <sup>th</sup> Kannada VignanaSammelana organized by SwadeshiVijnanaAndolana, Karnataka on 15 <sup>th</sup> to 17 <sup>th</sup> September 2017 in collaboration with Ramaiah University of Applied Sciences, p46-47   |
| 1<br>4 | Manjunath,S.P., H.Dhanalakshmi and Ramesh, B.K. 2017. Fly menace in different parts of Karnataka and their control. 13 <sup>th</sup> Kannada VignanaSammelana organized by SwadeshiVijnanaAndolana, Karnataka on 15 <sup>th</sup> to 17 <sup>th</sup> September 2017 in collaboration with Ramaiah University of Applied Sciences, page 48   |
| 1<br>5 | Manjunath,S.P., Naveen,M., Chaitra,Y. H.Dhanalaksmi, Manjunath, D.R. and Nagaraj.N., 2017. Prevalence of Parasitic Cysts of Taenidae family in Southern Karnataka and and their management. 41 <sup>st</sup> Annual Congress of Indian Society for Veterinary Surgery and National Symposium on "New Horizons in Cancer Research pertaining to effect on health production and reproduction of animals at College of Veterinary Science, Tirupati on 14 <sup>th</sup> to 16 <sup>th</sup> December 2017 p 333.   |
| 1<br>6 | Shanthaveer S.B. and Placid E.D'Souza, 2018. In vitro cultivation of <i>Setaria digitata</i> worms in artificial media. XXVII National congress of Veterinary Parasitology and National Symposium held from 12 to 14 <sup>th</sup> February at Udaipur, Rajasthan, page 30   |
| 1<br>7 | B.M.Manohara, Placid E. D'Souza, G.S.Mamatha and H.Dhanalakshmi, 2018. Molecular studies on hepatointestinalschistosomes in cattle of Karnataka state. XXVII National congress of Veterinary Parasitology and National Symposium held from 12 to 14 <sup>th</sup> February at Udaipur, Rajasthan page 64   |
| 1<br>8 | Placid E. D'Souza, Archana, M. and Mamatha G.S., 2018. Application of Nanotechnology in Parasitology. In Parasitology: Camera Lucida to Omics, Editors Dr. SanweerKhattoon and Dr. C.S.Vaishnava, Himanshu Publications at XXVII National congress of Veterinary Parasitology and National Symposium held from 12 to 14 <sup>th</sup> February at Udaipur, Rajasthan   |



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| 1<br>9 | Placid E. D'souza and Krishnamurthy C.M. 2018. Control of arthropod pests with botanicals - An Overview. XXVII National congress of Veterinary Parasitology and National Symposium held from 12 to 14 <sup>th</sup> February at Udaipur, Rajasthan, page 147.  |
| 2<br>0 | Placid E. D'souza, 2018. Key note address on "Technologies for sustainable parasite control and readdressal of detection methods directed for upliftment of rural economy". XXVII National congress of Veterinary Parasitology and National Symposium held from 12 to 14 <sup>th</sup> February at Udaipur, Rajasthan  |
| 2<br>1 | Shanthaveer S.B. and Placid E.D'Souza, 2018. A report on snails and cercarial shedding in 2 lake regions in Bengaluru. XXVII National congress of Veterinary Parasitology and National Symposium held from 12 to 14 <sup>th</sup> February at Udaipur, Rajasthan, page 71  |
| 2<br>2 | Placid E.D'Souza, Lavanya, K.V., and G.C.Puttalakshamma, 2018. Use of Biorational insecticides for the control of insect pests and vectors. 28 <sup>th</sup> National Congress of Parasitology, "Challenges and Innovations in controlling Parasitic Diseases.22 <sup>nd</sup> to 24 <sup>th</sup> February, Belgaum, Karnataka. 2018 page 26  |
| 2<br>3 | Shantaveer S.Biradar, Placid E. D'Souza and Mamatha.G.S., 2019. Prevalence of Theileriosis in sheep of northern Karnataka. 28 <sup>th</sup> National congress of Veterinary Parasitology and National symposium on "Novel technologies and strategies for sustainable control of parasitic diseases of livestock, poultry and public health significance. 28 <sup>th</sup> to 30 <sup>th</sup> January 2019.   |
| 2<br>4 | Prevalence of tick infestation in babesiosis infected sheep and goats from Karnataka. Shakuntala Kage, G.S.Mamatha, Jaya N. Lakkundi, B.P.Shivashanker and Placid E.D'Souza. 28 <sup>th</sup> National congress of Veterinary Parasitology and National symposium on "Novel technologies and strategies for sustainable control of parasitic diseases of livestock, poultry and public health significance. 28 <sup>th</sup> to 30 <sup>th</sup> January 2019. |
| 2<br>5 | Studies on occurrence of gastrointestinal parasites in lions ( <i>Panthera leo</i> ). Dhareppa Ganager, G.S. Mamatha, A.Muralidhara, Jaya N.Lakkundi and B.P.Shivashankar. 28 <sup>th</sup> National congress of Veterinary Parasitology and National symposium on "Novel technologies and strategies for sustainable control of parasitic diseases of livestock, poultry and public health significance. 28 <sup>th</sup> to 30 <sup>th</sup> January 2019.   |
| 2<br>6 | Prevalence of different species of Culicoides in some parts of Telangana. Dasma Bai Banothu, Placid E.D'Souza, M.Udaykumar and G.S.S.Murthy. 28 <sup>th</sup> National congress of Veterinary Parasitology and National symposium on "Novel technologies and strategies for sustainable control of parasitic diseases of livestock, poultry and public health significance. 28 <sup>th</sup> to 30 <sup>th</sup> January 2019.                                 |
| 2<br>7 | Prevalence of <i>Hepatozoon canis</i> in dogs in Bangalore, Karnataka. Raju B.Metri, H.Dhanalakshmi, Kshma.M.A., Jaya Nagappa Lakkundi and Veena.M. 28 <sup>th</sup> National congress of Veterinary Parasitology and National symposium on "Novel technologies and strategies for sustainable control of parasitic diseases of livestock, poultry and public health significance. 28 <sup>th</sup> to 30 <sup>th</sup> January 2019.                          |
| 2      | Molecular characterization of two prevalent species of <i>Theileria</i> in sheep in Northern Karnataka. Shantaveer.S.Biradar, Placid E.D'Souza, G.S.Mamatha, Yathish, H.M and  |

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| 8  | Siju.S.J. 28 <sup>th</sup> National congress of Veterinary Parasitology and National symposium on “Novel technologies and strategies for sustainable control of parasitic diseases of livestock, poultry and public health significance. 28 <sup>th</sup> to 30 <sup>th</sup> January 2019.   |
| 29 | A case report on molecular confirmation of Theileria in crossbred cows in Belagavi district, Karnataka. Shakuntala Kage, Shantaveer.S.Biradar, Placid E.D’Souza and G.S.Mamatha. 28 <sup>th</sup> National congress of Veterinary Parasitology and National symposium on “Novel technologies and strategies for sustainable control of parasitic diseases of livestock, poultry and public health significance. 28 <sup>th</sup> to 30 <sup>th</sup> January 2019.                            |
| 30 | Morphological studies and diagnosis of Babesia spp. In small ruminants by parasitological techniques. Shakuntala Kage, G.S.Mamatha, Jaya N.Lakkundi, B.P.Shivashankar, H.Dhanalakshmi and Placid E.D’Souza. 28 <sup>th</sup> National congress of Veterinary Parasitology and National symposium on “Novel technologies and strategies for sustainable control of parasitic diseases of livestock, poultry and public health significance. 28 <sup>th</sup> to 30 <sup>th</sup> January 2019. |
| 31 | Diagnosis of Babesia species in sheep and goats by semi-nested PCR. Shakuntala Kage, G.S.Mamatha, Jaya N.Lakkundi, B.P.Shivashankar, and Placid E.D’Souza. 28 <sup>th</sup> National congress of Veterinary Parasitology and National symposium on “Novel technologies and strategies for sustainable control of parasitic diseases of livestock, poultry and public health significance. 28 <sup>th</sup> to 30 <sup>th</sup> January 2019.  |
| 32 | In vitro cultivation of <i>Setaria digitata</i> worms to recover microfilaria. Raju B.Metri, Veena.M. Jaya Nagappa Lakkundi and Dhanalakshmi. 28 <sup>th</sup> National congress of Veterinary Parasitology and National symposium on “Novel technologies and strategies for sustainable control of parasitic diseases of livestock, poultry and public health significance. 28 <sup>th</sup> to 30 <sup>th</sup> January 2019.   |
| 33 | Comparison of foldscope with compound Microscope. H.Dhanalakshmi, Veena.M and Raju. Metri. 28 <sup>th</sup> National congress of Veterinary Parasitology and National symposium on “Novel technologies and strategies for sustainable control of parasitic diseases of livestock, poultry and public health significance. 28 <sup>th</sup> to 30 <sup>th</sup> January 2019.  |
| 34 | Application of paperfuge in the diagnosis of Parasitic diseases. H.Dhanalakshmi, Raju B.Metri and Veena.M. 28 <sup>th</sup> National congress of Veterinary Parasitology and National symposium on “Novel technologies and strategies for sustainable control of parasitic diseases of livestock, poultry and public health significance. 28 <sup>th</sup> to 30 <sup>th</sup> January 2019.  |
| 35 | Evaluation of anthelmintics efficacy in lions (Panther leo). Dhareppa Ganager, G.S.Mamatha, A.Muralidhara, Jaya.N.Lakkundi and B.P.Shivashankar. 28 <sup>th</sup> National congress of Veterinary Parasitology and National symposium on “Novel technologies and strategies for sustainable control of parasitic diseases of livestock, poultry and public health significance. 28 <sup>th</sup> to 30 <sup>th</sup> January 2019.  |
| 36 | Bladder Worms and their Public Health Significance. Dhanalakshmi Hanumappa, Placid Eugene D Souza and ShriKrishna Isloor. 7 <sup>th</sup> Pan Common Wealth Veterinary Conference, 3 <sup>rd</sup> to 7 <sup>th</sup> March, 2019. The role of Veterinarians in addressing the global challenges to the lives   |

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|  | of our pets, livestock, wildlife, Humans and our environment. |
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