

Curriculum Vitae

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| 1 | Applicant: | | | Dr. V. Shakunthala | |
| 2 | Position held | | | Associate Professor | |
| 3 | Sex | | | Female | |
| 4 | Address for Communication | | | DOS in Zoology Manasagangotri, Mysore-6 | |
| 5 | Affiliation | | | University of Mysore | |
| 6 | Email | | | vshaku@yahoo.com | |
| 5 | Whether the institution in which the applicant is working is recognized as a research centre in the subject | | | Yes | |
| 7 | Education Qualifications Specify degree, year of passing, class/grade) | | | Under graduate: BSc., 1989 Ist Class Post graduate: MSc., Zoology, 1990 I class Ph.D in Zoology: 2000 | |
| 8 | Teaching/Research experience (mention number of years, level) (attach copies of relevant documents) | | | Research experience 14 years Teaching, Zoology and Genetics MSc., Students. 14 | |
| 9 | Whether applicant is a member of BOS in the subject | | | Member, BOS and BOE DOS in Zoology University of Mysore, Karnatak University, Kuvempu University | |
| 10 | Number of publications: | | | 36 | |
| Title of Article | Name of Journal/Publisher | National/International | Year | Page No. | Authors in the order of appearance in the article/book |

Academic position held

| Sl. No. | Member of the different Academic bodies | Department /University |
|---------|--|--|
| 1 | Member of Faculty of Science during 2009-210, 2017-18 | University of Mysore |
| 2 | Member Board of Examination | Molecular Biology, Integrated course, Yuvaraj's College, Mysuru, 2017, 2018, 2018-19 |
| 3 | Member Board of Examination | DOS in Genetics and Genomics, MGM, 207 and 2018 |
| 4 | Member Board of Examination | DOS in Zoology, MGM, 2017-18 |
| 5 | Member. BOE | DOS in Zoology, MGM, 2020-21 |
| 6 | Member Board of Examination | DOS in Applied Genetics, Karnatak University, Dharward, 2018, |
| 7 | Member Board of Examination | DOS in Biological Science, Bangalore University, Bengaluru |
| | Member Board of Examination | DOS in Applied Zoology, Kuvempu University , Shankar ghatta, 2017-18 |
| 7 | Member Board of Studies 2015-16-2017-18 | Govt. Science College, Bengaluru |
| 8 | Member Board of Examination | DOS in Zoology, Bangalore University, Bengaluru (UG) |
| 9. | Member Board of Examination | DOS in Applied Zoology, Mangalore University, Mangalore (PG) |
| 10 | Executive committee member, Indian Society for chronobiology 2017-20 | Indian Society for chronobiology New Delhi., |
| 11 | Member, BOE, | Department of Studies in Applied Genetics, Bangalore University, Bengaluru, 2015-16 |
| 12 | Member Board of Examinations VIII Semester, MSc., | Molecular biology course, Yuvaraj's College, Mysuru 2017-18 |
| 13 | Member, Faculty of Science, University of Mysore | University of Mysore 2017-18 and 2018-2020 |
| 14 | Ph.D Co-ordinator, Department of Studies in Zoology 2015-16 | DOS in Genetics and Genomics 206-17 |
| 15 | Observer, UGC-CSIR-NET, University of Mysore | 2018 University of Mysore |
| 16 | Master Trainer, Vidhana Sabha Elections 2018 | Chamundeswari ward, Mysuru |
| 17 | Member , National advisory committee, | International conference on chronobiology" CC University, Meerut March 11-13, 2018 |
| 18 | Master Trainer, Lok Sabha election 2019 (worked in mastering, demustering, electoral machine setting duties) | Chamundeswari ward, Mysuru 2019 |
| 19 | Squad/observer UGC-NET exams 2020 organized by University of Mysore | visited to all exam centers January 2020 |
| 20 | Worked as observer for the NEET | Kendriya vidyalya |

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| | examinations 2018 held at Kendriya Vidyalaya, Mysuru. 6th May 2018 | |
| 21 | Liaison officer, IQAC, University of Mysore | Involved in NAAC assessment preparation |
| 22 | E-attestation officer, Statistical cell, | University of Mysore, 2021-22 |
| 23 | Student CBCS Co-ordinator, DOS in zoology 2019-to date | DOS in Zoology, MGM |
| 24 | Chairperson, BOS in Genetics and Genomics | University of Mysore, Mysore 2020-23 or further order |
| 25 | Member, Governing Council , JSS college, Chamarjanagar 2020 | Attended meeting |
| 26 | Member Science and Technology, University of Mysore 2019-21 | Department of Studies in Genetics and Genomics Attended Meeting held on 8 th Feb 2021 |
| 27 | Observer, UGC-KSET exams | University of Mysore, on 25 th July 2021 |

| SL no. | Details of the Webinar programme attended and organized from the Department of Studies in Zoology 4th July to 30th July 2020) | |
|--------|---|---|
| | Title of the Speech and date | Speaker |
| 1 | Molecular diagnostic methods for identification of Genetics disorders (4/7/2020) | Dr. Usha Dutta, Geneticists, CDFD, Hyderabad |
| 2 | Biotechnological tools in Biodiversity conservation (11/7/2020) | Dr. Govindaswamy Umaphathy CSIR Centre for cellular and Molecular Biology) Hyderabad |
| 3 | The keys are consistency and curiosity (12/7/2020) | Dr. Lilly Eluvathingal Linden Instructional and research specialists for the sciences, occidental college, Loss Angeles, California |
| 4 | Methods in stem cell isolation and culture | Dr. Kanagaraj Palaniyandi, Assistant Professor DST-SERB project Principal Investigator Cancer SRM Institute of Sciences and Technology. |
| 5 | Panel Discussion "Covid-19" 18/7/2020 Penalists | Prof. Hemanth Kumar Dr. M.N. Rajendra Prasad Nodal officer in Covid-19 Management, Special DC in NHA Government |

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| | | <p>of Karnataka Prof. P Venkataramaiah Former Vice-Chancellor, KuvempuUniversity, DESS Chairman, University of Mysore, Mysore Dr. T.S. Stynarayana Rao, Professor, Department of Psychyatry, JSS medical College, AHER, Mysore</p> |
| 6 | Beyond the Stripes save our Tiger, Save our Pride | Shri Balachandra, IFS Conservator and Director Bandipur Tiger Reserve |
| 7 | Research Careen Biological Sciences (21/7/2020) | Prof. N.B. Ramachandra |
| 8 | Research Careen Biological Sciences (22/7/2020) | Dr.S.V.Krishnamurthy Professor, Department of Environmental Sciences, Kuvempu university, |
| 9 | Research Careen Biological Sciences (23/7/2020) | Dr. Cletus D'souza, Former Professor and Chairman Departmtne of Studies in Biochemostry, University of Mysore |
| 10 | Research Careen Biological Sciences (24/7/2020) | Dr. Amrutha valli. C Associate Professor, DOS in genetics and Genomics, University of Mysore, Mysru |
| 11 | Peel in to Bird Around Us (25/7/2020) | Shri.Vijaya Mohan Raj, IFS |
| 12 | Phytotherapy that makes the bone happy (26/7/2020) | Dr.R. Ilangovan Assisitant Professor Department of Endocrinology. Dr. ALM Insititute of Basic medical sciences, University of Madras, |

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| | | Taramani Campus, Chennai. |
| 13 | Wildlife conservation | B.S. Krupakar and K. Senani Wildlife Photographers and film makers |
| 14 | International Tiger Day | Prof. G. Hemanth Kumar Hon'ble Vice Chancellor, UOM Prof. R. Shivappa, Honourable Registrar, UOM Shri. T. Balachandra, IFS Conservator and Director Bandipur Tiger Reserve |
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Book Chapters (Published by Indian Academy of Science) In the Book: Experiments with Drosophila for Biology courses, Edited by Prof. S.C. Lakhotia and Prof. H.A. Ranganath

| Sl No. | Year | Title of the Chapter (ISBN NO. 978-81-950664-2-1) | Page No. |
|---------------|-------------|--|-----------------|
| 1 | 2021 | V. Shakunthala Chapter: 77: Collection and identification of <i>Drosophila</i> flies | 517-521 |
| 2 | 2021 | V. Shakunthala Chapter 78: Comparison of some life history traits in sympatric <i>Drosophila</i> species | 523-526 |
| 3 | 2021 | V. Shakunthala Chapter 79: To estimate competitive fitness of <i>Drosophila</i> species | 527-530 |
| 4 | 2021 | Chapter 3: Ranganath H.A. and V. Shakunthala Familiarization with a few mutant phenotypes of <i>Drosophila melanogaster</i> | 57-58 |

List of publications

| SI No. | Year of publications | Publications |
|--------|----------------------|---|
| 1 | 1999 | Hegde S.N. V.Vasudev, M.S. Krishna and V. Shakunthala. 1999. Description of two new species of <i>montium</i> subgroup of <i>Drosophila</i> (Diptera: Drosophilidae) from South India, Entomon |
| 2 | 2007 | Shakunthala, V and H. A. Ranganath, 2007. Localization and characterization of heterochromatin of four species of the <i>montium</i> subgroup of <i>Drosophila</i> . Cytologia 72(3):279-286. (IF- 0.43), |
| 3 | 2009 | Shereen Kouser and Shakunthala.V 2009. Analysis of morphometric traits among few species of <i>Drosophila</i> .. ' Drosophila Information Service, 92 : 111-114. (international) |
| 4 | 2009 | Abolfazl Bayrami M. and V. Shakunthala 2009 Viewpoint on the Application of Molecular Genetics to Shrimps Biology and Systematics. Proceedings of International Multi-diciplinary Conference on "Current Research Trends" : 320-324. (International conference proceedings) |
| 5 | 2010 | Abolfazl Bayrami M, V. Shakunthala and S. R. Ramesh. 2010. Enzyme Electrophoresis in Shrimps by polyacrylamide Gel for Phylogeny: A Practical guide. Modern Applied Science vol.4: 96-102. (international) |
| 6 | 2011 | Abolfazl Bayrami M, V. Shakunthala, Molecular systematic of some shrimps (Crustacea, Decapoda) based on allozyme data. Research journal of fisheries and hydrobiology, 2010, vol 4, No. 6, pp. 322-328 . (International) |
| 7 | 2010 | Shereen K, Palaksha, Shakunthala V. 2010. Does constant darkness reduce fitness in <i>Drosophila</i> ? myScience. 1:1-8. (National) |
| 8 | 2010 | Shereen Kouser and V. Shakunthala 2010, "Study of fitness in a few species of <i>Drosophila</i> (Dipterans)" published proceeding in 3 rd National Women's Science Congress held on 8 th -10 th November 2010, at Shivagangotri, Davangere. (National) |
| 9 | 2010 | Deepti. V and Shakunthala.V . 2010. Genotoxic effect of drug Progynova on fitness of <i>Drosophila melanogaster</i> . Drosophila Information Service, 61-67. (International) |

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| 10 | 2011 | Abolfazl Bayrami M and V. Shakunthala 2011. Molecular phylogenetic analysis of a few Penaeidae species (Crustacea, Decapoda) using RAPD. Russian Journal of Marine Biology. 61: 455-461. (IF-0.294) (CI-8.5) (International) |
| 11 | 2011 | Palaksha, Shereen Kouser, Shakunthala V. 2011. Circadian rhythm of locomotor behavior of <i>D. agumbensis</i> and <i>D. rajasekari</i> collected from Sakleshpur. <i>Drosophila Information Service</i> 94:86-89. (International) |
| 12 | 2012 | Palaksha, Shereen K, Shakunthala V. 2012. "Variation in locomotor behaviour of <i>Drosophila bipectinata</i> and <i>Drosophila malerkotliana</i> with altitude". <i>Biological Rhythm Research</i> . 43:285-292. (IF-0.756) (International) |
| 13 | 2011 | Shereen Kouser and V. Shakunthala 2011. Locomotor Behaviour of <i>Drosophila melanogaster</i> in different light regimes published proceeding in 4 th National Women's Science Congress held on 7 th -8 th November 2011, at M.S. Ramaiah Engineering College, Bangalore. (Proceedings) |
| 14 | 2012 | Palaksha, Shereen K, Shakunthala V. 2012. "Variation in locomotor behaviour of <i>Drosophila bipectinata</i> and <i>Drosophila malerkotliana</i> with altitude". <i>Biological Rhythm Research</i> . 43:285-292. (IF-0.756) (International) |
| 15 | 2012 | Shereen Kouser, Palaksha, Shakunthala V. 2012 "Adaptive Significance of Circadian Rhythms of <i>montium</i> a subgroup of <i>Drosophila</i> : I - Locomotor Behaviour" <i>Biological Rhythm Research</i> . 1-16 (IF-0.756) (International) |
| 16 | 2013 | Palaksha, Shereen Kouser & V. Shakunthala (2013) Circadian regulation of oviposition rhythm in <i>Drosophila agumbensis</i> and <i>Drosophila nagarholensis</i> (Diptera), <i>Biological Rhythm Research</i> , 44:2, 325-332. (IF-0.756) (CI-7.3) . (International DOI: 10.1080/09291016.2012.681849a) |
| 17 | 2013 | Shereen Kouser and V. Shakunthala. 2013. Eclosion behaviour of three species of <i>Drosophila</i> under different light regimes accepted in <i>Indian Journal of experimental biology</i> . (IF- 1.295) (National) |
| 18 | 2014 | Shereen Kouser and V. Shakunthala 2014. Effect of different light regimes on esterase isozyme profiles of three species of <i>Drosophila</i> . <i>Frontiers in Life Science</i> Vol 7. :148-154. (IF-1.4) (International) http://dx.doi.org/10.1080/21553769.2013.867417 |

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| 19 | 2014 | Suchitra G and V. Shakunthala 2014. Effect of <i>Glycyrrhiza glabra</i> root extract on behaviour and fitness of <i>Drosophila melanogaster</i> and vestigial wing mutant. International Journal of Current Microbiology and Applied Sciences Vol. 3:7:1047-1054 (National) |
| 20 | 2014 | Suchitra G, Palaksha and V. Shakunthala 2014. Effect of <i>Mucuna pruriens</i> seed extract on behaviour and fitness of <i>Drosophila melanogaster</i> . International Journal of Current Research. Vol.6:07:7365-7365. (IF=3.2) |
| 21 | 2014 | Palaksha, Suchitra, G and V Shakunthala Effect of different light regimes on fitness of <i>Drosophila agumbensis</i> and <i>Drosophila nagarholensis</i> . International Journal of Current Microbiology and Applied Sciences. Vol. 3: 10:326-335. |
| 22 | 2014 | Shakunthala.V , Zahra Ghayour Najafabadi and Sathisha B, 2014, Effect of Amitriptyline hydrochloride an antidepressant on courtship and reproducibility of <i>D. melanogaster</i> . International J. of curr. Microbiology and applied science 12(3): 649-656. (IF=1.6) (International) |
| 23 | 2015 | Suhitra, G Palaksha and V. Shakunthala 2015. Effect of <i>Mucuna pruriens</i> seed and <i>Glycyrrhiza glabra</i> root extract on longevity of <i>Drosophila melanogaster</i> and vestigial wing mutant. International Journal of Advanced Research (2015), Volume 3, Issue 1, 74-80 (National) |
| 24 | 2015 | Palaksha, Suchitra and V. Shakunthala 2015. Effect of different photoperiods on oviposition and eclosion rhythm of <i>Drosophila agumbensis</i> and <i>Drosophila nagarholensis</i> (National) |
| 25 | 2015 | Shereen Kouser, Shakunthala.V and S. N. Hegde 2015, Effect of different light regimes on fitness of two species of <i>Drosophila montium</i> subgroup <i>Biological Rhythm Research</i> . Taylor and Francis. DOI: 10.1080/09291016.2015.1015233 (International) |
| 26 | 2015 | Stafny D Souza and Shakunthala.V . 2015. Combined effect of Lead acetate and Zinc chloride on the Fitness of <i>Drosophila melanogaster</i> . <i>IJAR</i> vol 3 : 1054-1064 (National) |
| 27 | 2015 | Palaksha and Shakunthala. V . 2015. Variations in the esterase expression pattern with respect to different light regimes in <i>Drosophila agumbensis</i> and <i>Drosophila nagarholensis</i> . <i>Biological Rhythm Research</i> . DOI: 10.1080/09291016.2015.1026677 (International) Taylor and Francis |

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| 28 | 2017 | Shakunthala. V and Shalini H. K. 2017. Combined effect of heavy metals on longevity of <i>Drosophila melanogaster</i> International journal of science and Research (IJSR) Vol. 7 (8): 1315-1318 IF=0.7 |
| 29 | 2019 | Alwyn D souza and Shakunthala V , Seasonality of Suicidal Behaviour in Mysuru, Karnataka, India: A Populace Based Analysis. Malasian Journal of `psychiatry on line early. Vol 28 No. 2 2019 |
| 30 | 2019 | Sayej Mohamad Q. A and V. Shakunthala.V 2019. Effect of Melatonin and Time Restricted Feeding in the Diabetic Rats. Internataional Journal of Scientific research and reviews .IJSRR 2019, 8(1), 1436-1449 |
| 31 | 2019 | Shakunthala.V and B. P. Paramesh. Combined Effect of Heavy Metal Pollution on Oviposition Rhythm of <i>Drosophila Melanogaster</i> |
| 32 | 2019 | Alwyn D souza and Manjunatha and Shakunthala.V 2019. Impact of geographical elevations on ecodistributional pattern of <i>Drosophila</i> (diptera) species in four different ecosystems of Karnataka India. International Journal of Entomology Research. Vol 4 (3):1-8. |
| 33 | 2019 | Shakunthala.V and B. P. Paramesh, 2018. Effect of Zinc Chloride and Lead Acetate on the Oviposition Preference of <i>D. melanogaster</i> . International Journal of Environment and Human health 2019, 1(3) , 74-77. Green trust. Publication. |
| 34 | 2020 | Megha Urs T. S. Alwyn D'Souza Shakunthala.V and Channaveerappa H Morphometric geometry study on wings of grasshoppers reflect more evolutionary flexibility in hind wings. International Journal of Pharma and Bio Sciences ijpbs vol1 No.4 (October) 2020pp b96-106. |
| 35 | 2020 | Ramanujam Karthikeyan Danel Cardinali Shakunthala V , David Warren Spence, Gregory M. Brown and SR. Pandi-perumal 2020 Understanding the role of sleep and its disturbances in Autism spectrum disorder” International Journal of Neuroscience, Taylor and Francis (Review article) |
| 36 | 2021 | Alwyn D'souza ¹ , Anjana S ² , Sunitha MB ³ , Hemavathi R ⁴ , Shakunthala.V Efficacy of two non-nutritive sugars on overall fitness of <i>Drosophila melanogaster</i> : I-a comparative study |
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| Research Project Completed and on going | | |
| 1 | 2013 | Principal Investigator: Major Projects “Adaptive Significance of Circadian rhythm in a few species of <i>montium</i> a subgroup of <i>Drosophila</i> ” Funded by UGC (8.9 lakh) 2009-2012 (completed) |
| 2. | 2013-till date | Projects to the Department of Studies in Zoology (co-investigator) Co-Principal Investigator Funds : approximately 2 crores |

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| | | UGC-SAP-Phase-II, completed UGC-SAP- phase-III (completed) and UGC-SAP CAS (centre for Advanced Studies) Projects. Ongoing | | | | |
| 3 | 2017 | Principal Investigator: 1 (1 lakh) Impact of clock proteins on the seasonal regulation of <i>Drosophila melanogaster</i> completed | | | | |
| No. of Ph.D. successfully guided and working at present | | | | | | |
| | | <table border="1" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">No. of Ph.D awarded</td> <td style="width: 50%; text-align: center;">No. of Ph.D students working presently</td> </tr> <tr> <td style="text-align: center;">Four</td> <td style="text-align: center;">six</td> </tr> </table> | No. of Ph.D awarded | No. of Ph.D students working presently | Four | six |
| No. of Ph.D awarded | No. of Ph.D students working presently | | | | | |
| Four | six | | | | | |
| Ph. D thesis evaluated (other universities outside Karnataka) | | | | | | |
| 2016 | | Miss Khairmode Shilpa Prakash “ Salivaridadenectomy effect on thymus gland and thymocytes of Mice (<i>Mus musculus</i>)” Thesis Shivaji University, Kolhapur Maharashtra, India | | | | |
| 2021 | | Ms. Prathiksha Suresh Bandare “ Studies on some invertebrate diversity of aquatic ecosystems from Palus tahsil dist. Sangli (M.S) India. Shivaji University Kolhapur | | | | |
| Seminars and conferences participated/ presented papers | | | | | | |
| 1 | 2008 | Shakunthala. V and H. A. Ranganath, 2008. Ecological divergence among four species of the <i>montium</i> subgroup of <i>Drosophila</i> : Resource utilization divergence Fifth <i>Drosophila</i> Meeting 28th-29 th March Department of Studies in Zoology. | | | | |
| 2 | 2008 | Shakunthala V. , Shereen Kouser, Prathiksha Bhat and Shivabasavaiah. 2008. Genotoxic effect of B-estrodinol on <i>Drosophila melanogaster</i> . Fifth <i>Drosophila</i> Meeting 28 th -29 th March Department of Studies in Zoology. | | | | |
| 3 | 2009 | Abolfazl Bayrami M and Shakunthala.V 2009. Viewpoint on the Application of Molecular Genetics to Shrimps Biology and systematics. Presented in First International Multi-disciplinary Conference on Current Research Trends 20 th -21 st November, 2009. Organized by University of Mysore, Irnian student Union. | | | | |
| 4 | 2010 | Shereen Kouser, Palaksha and V. Shakunthala 2010, Does constant darkness reduce fitness in <i>Drosophila</i> presented (Oral) in Sixth <i>Drosophila</i> Meeting held on 19 th -20 th November 2010 at Department of Studies in Zoology, University of Mysore, | | | | |

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| | | Manasagangotri, Mysore-06 |
| 5 | 2010 | Shereen Kouser and V. Shakunthala: 2010 . “Eclasion Behavior and fitness studies in <i>D. melanogaster</i> in an aperiodic environment” appeared in National Symposium on Animal Biodiversity: Physiological aspects of environmental strategies held on 19 th -20 th February 2010 in Department of Zoology, M.M.H (P.G.) College Model Town, Ghaziabad- 201 009, New Delhi. |
| 6 | 2011 | Shereen Kouser and V. Shakunthala 2010 , “Study of fitness in a few species of <i>Drosophila</i> (Dipterans)” presented (Oral) in 3 rd National Women’s Science Congress held on 8 th -10 th November 2010, at Shivagangotri, Davangere |
| 7 | 2010 | Palaksha and V. Shakunthala, 2010 . Population rhythm among two species of <i>montium</i> subgroup of <i>Drosophila</i> (diptera). Abstract appeared in XXI National Symposium on Chronobiology held at Jamshedpur Co-operative college, Jameshedpur. |
| 8 | 2010 | Palaksha, Shereen Kouser and V. Shakunthala 2010 , “Altitudinal Variation in the circadian locomotor activity rhythm of <i>D.bipectinata</i> and <i>D.malerkotliana</i> ” presented (Oral) in Sixth <i>Drosophila</i> Meeting held on 19 th - 20 th November 2010 at Department of Studies in Zoology, University of Mysore, Manasagangotri, Mysore-06. |
| 9 | 2010 | Deepti. V and V. Shakunthala 2010 . Genotoxic effect of primolut-N and Progynova on fitness parameters of <i>Drosophila melanogaster</i> . Presented in National Conference on ‘Recent trends in animal physiology’ held on 29 th -30 th October 2009 at Department of Studies in Zoology, Manasagangotri, Mysore-6. |
| 10 | 2011 | Shereen Kouser and V. Shakunthala 2011 , “Adaptive Significance of Circadian Rhythms of <i>Drosophila melanogaster</i> : Locomotor behaviour” appeared in 4 th National Women’s Science Congress held on 7 th -8 th November 2011, at M.S. Ramaiah Engineering College, Bangalore. |
| 11 | 2012 | Shereen Kouser, Palaksha and V. Shakunthala 2012 , “Adaptive Significance of Circadian Rhythms of <i>montium</i> a subgroup of <i>Drosophila</i> : I - Locomotor Behaviour” presented (Poster) in National Seminar on “Advances in Zoology and Life Processes” held on February 9 th -11 th , 2012 at Goa University, Taleigao Plateau, Goa-403206. |

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| 12 | 2012 | Palaksha, Shereen Kouser and V. Shakunthala 2012, “Circadian regulation of oviposition Rhythm in <i>Drosophila agumbensis</i> and <i>Drosophila nagarholensis</i> (Diptera)” presented (Poster) in National Seminar on “Advances in Zoology and Life Processes” held on February 9 th -11 th , 2012 at Goa University, Taleigao Plateau, Goa-403206 |
| 13 | 2012 | Shereen Kouser and V. Shakunthala , 2012, “Ecdysis behaviour in three species of <i>Drosophila</i> under different light regimes.” (Oral) in National Conference on “New Frontiers in Animal Science” held on April 9 th -10 th , 2012 at Kuvempu University, Jnana Sahyadri, Shankaraghatta-577 451, Shivamogga, Karnataka. |
| 14 | 2014 | Shereen Kouser and V. Shakunthala . 2014. National conference on innovations in Science and Technology for Inclusive development. Held in Department of Studies in Zoology in association with India Science Congress: Bangalore Chapter. On 2 nd and 3 rd February 2014. |
| 15 | 2014 | Palaksha and V. Shakunthala 2014 National conference on innovations in Science and Technology for Inclusive development. Held in Department of Studies in Zoology in association with India Science Congress: Bangalore Chapter. On 2 nd and 3 rd February 2014 |
| 16 | 2014 | Suchitra.G and V. Shakunthala 2014 Effect of <i>Mucuna pruriens</i> seed extract on behaviour and fitness of <i>Drosophila melanogaster</i> . National conference on innovations in Science and Technology for Inclusive development. Held in Department of Studies in Zoology in association with Indian Science Congress: Bangalore Chapter. On 2 nd and 3 rd February 2014. |
| 17 | 2015 | Suchitra and V. Shakunthala , 2015 Aphrodisiac property of <i>Mucuna pruriens</i> seed extract on behaviour and fitness of <i>Drosophila melanogaster</i> . Karnataka state Science and Technology “ Held in JSS College of Science and Commerce, Ooty Road., Mysore. |
| 18 | 2014 | Invited talk Shakunthala.V. 2014. Adaptive significance of Circadian rhythms in few species of the <i>montium</i> a subgroup of <i>Drosophila</i> presented in Drosophila Meeting held in BHU. Varanasi on 12-15 th March 2014 |

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| 19 | 2013 | Shakunthala V. 2013. Participated in National symposium on Cancer Biology held on 29 th and 30 th Nov. 2013 at Department of Studies in Biochemistry , University of Mysore, Mysore. |
| 20 | 2014 | Shakunthala.V 2014 Participated in 10 th kannada vignana sammelana, One of the organizing committee and chaired two sessions. Held in University of Mysore, Mysore on 15 th to 17 th 2014. |
| 21 | 2015 | Shakunthala .V and Stafny D Souza, 2015. Combined effect of Lead acetate and Zinc chloride on the Fitness of <i>Drosophila melanogaster</i> . The paper presented in 25 th National conference in Chronobiology: Time and medicine. Held in Pt. Ravishankar Shukla University, Raipur. |
| 22 | 2016 | Delivered Talk in IndoUS Workshop & Internatinal Symposium organized by IUSSTF and Indian chronobiology Society on 2-5nd 5 th March 2016 |
| 23 | 2016 | Delivered Invited talk in the 26 th National symposium on Chronobiology held in the Department of Studies in Zoology, Manasagangotri, from 2 nd to 3 rd June 2016. |
| 24 | 2017 | Delivered invited talk in National symposium on “Cytogenetics to Genomics held on 27 th October 2017 at Government Science College (Autonomou) Hassan Karnataka. |
| 25 | 2016 | Delivered invited talk on “Biological rhythms and fitness” in the National conference on chronobiology held on 2 nd and 3 rd June 2016 at Department of Studies in Zoology, Manasagangotri, Mysore-6. |
| 26 | 2018 | Delivered Invited talk in the National Workshop on <i>Drosophila</i> for life science” held at Drosophila Stock centre, DOS in Zoology, Manasagangotri, Mysore-6 |
| 27 | 2018 | Delivered Invited talk at CSIR-CFTRI student’s symposium”Advances in Biological Research”on 13 th July 2018 organized by Research scholars of CSIR-CFTRI, Mysuru in association with AFTST(1) Mysuru. |
| 28 | 2019 | Participated in one day workshop on “Reserch Methods and Research Reporting – Tools and Techniques” Organized by University Library, University of Mysuru. |
| 29 | 2019 | Participated in national Workshop on Quality Research Methodology & Writing, Publishing skills for Researchers” organized by the Department of Studies in Library and information Science, University of Mysore, Musru on 26-27 July 2019. |
| 30 | 2019 | Presented paper entitled “Screening for tyrosine inhibition properties of few selected plant (weeds) extracts” in 12 th National Womn’s Science Congress organized by Swadeshi Vignana Andolana-Karnataka. Rashtiya Mahila Vignana Sammelana on 7-9 th November 2019 |
| 31 | 2019 | Participated in Indo-UK Genomic Education forum on the theme”The impact of Human Genomics on Current Medical Practice and Health care” organized by JSS medical College Department of Biochmesitry and JSS Hospital< Mysuru. Karnataka. On 31 st October 2019. |
| 32 | 2020 | Participated in Four- Day Frontier lecture series on Biological Sciences on 26 th Feb 2020. Organized by JSS College of Arts, Commerce & Science, Ooty Road, Mysuru. |
| 33 | 2020 | Participated in UGC Sponsored one-Day state level seminar on Prospects and perspectives in Applied Zoology on 4 th March 2020 organized by JSS college of Arts, |

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| | | commerce and science Ooty road, Mysuru-25d |
| 34 | 2020 | Participated in One day National Webinar on “New Education policy-2020” on 8 th September 2020 organized by Department of economics studies and Planning, central University of Karnataka in collaboration with KLE society’s S.K Arts College and HSK Institute, Hubballi, Karnataka |
| 35 | 2020 | Participated in Two days Workshop on Adoption of Advanced technology for sustainable sericulture” on 25 th & 26 th Feb. 2020. Organized by Department of Sericulture science, University of Mysore. |
| 36 | 2020 | Participated in National Level Webinar on “ Pandemic of Viral Infection ”, organized by the department of Life Science, Pooja Bhagavat Memorial Mahajana Education Centre. P.G. Wing of SBRR Mahajana First Grade college, Mysore |
| 37 | 2020 | Participated in 19 th Annual 5 th international Science Fiction online conference 2020 jointly organized by Bangalore university and Indian Association for Science Fiction Studies “E-Participation Certificate). Held from 7 th -9 th December 2020 |
| 37 | 2021 | Participated in Lecture Series on “Contemporary Zoology” on 30 th January 2021 Organized by the Department of studies in Zoology, Manasagangotri, university of Mysore, Mysuru. |
| 38 | 2021 | |
| Work shops/ Orientation Pogrammes attended/Organized | | |
| 1 | 2005 | The third SERC School in Chronobiology 29 th December 2004 to 7 th January 2005. Department of Zoology, Gulbarga University, Gulbarga. |
| 2 | 2006 | Department of Science and Technology sponsored Workshop on Phylogenetic Biology held on 10 th - 22 July, 2006 in the Department of Studies in Zoology, Manasagangotri, Mysore-6 |
| 3 | 2007 | SERC School in chronobiologyII: Clocks, Rhythms and Behaviour held at the DST-IRHPA Centre, for Excellence in Biological Rhythm Research, Department of Zoology University of Lucknow, from 12 th -25 th October 2008. |
| 4 | 2008 | Summer School on “Animal Behaviour and Chronobiology” during 29 th August -11 th September 2009 held at UGC-Networking Resource centre in Biological Sciences, Madurai Kamaraj University, Madurai 625 021. |
| 5 | 2007 | UGC Sponsored Orientation Programme held from 3 rd May to 30 th May 2007. Academic Staff College, University of Mysore, Mysore. |

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| 6 | 2010 | UGC-sponsored Refresher course held from 3 rd – 23 rd September 2010 at UGC-Academic Staff College, University of Mysore Mysore. |
| 7 | 2009 | Organizing Member of National conference on Recent Trends in Animal Physiology held on 29 th -20 th October, 2009 at Department of Studies in Zoology, University of Mysore, Mysore |
| 8 | 2009 | Organizing Member 5 th Drosophila Meeting held at Department of Studies in Zoology, on 28 th to 29 th .May 2009 |
| 9 | 2010 | Organizing member of sixth Drosophila Meeting held on 19 th Noveber to 20 th Movember 20110 in the Department of Studies in Zoology Manasagangotri, Mysore-6. |
| 10 | 2015 | Participated in International training program on Leadership and career development for women scientists and technologists. Held is IISER, PUNE on 28th August to 1st September (6 days) 2015. In association with DST and Coach |
| 11 | 2016 4/10/2016 | Participated in Focus Group Discussion organized by “ Department of Statistics Manipal University, Manipal” at University of Mysuru, Mnasagangotri for “Women Employees of Higher Education in karnataka: Struggles and Success” sponsored by Indian Council of Social Science Research (ICSSR) |
| 12 | 2016 | Participated in International Conference on Science and Technology: Furture Challenges and Solutions (SCFCS-2016) held during 8-9 th August 2016 at Vignana Bhavan, University of Mysore, Mysuru |
| 13 | 2016 | Worked as Rapporteur and Chairperson in the Session of emerging Technologies XL Indian Social Science Congress held from December 19-23 2016 at University of Mysuru, Mysuru, Karnataka |
| 14 | 2017 | Attended and Presented paper in the IndoUS workshop held at Department of Zoology, University of Delhi, New Delhi held on 21-23 rd Feb. 2017 |
| 15 | 2017 | Invited talk delivered in International conference on Advances in Sceince and Engineering held at Regent’s international College, Bangkok, Thailand |
| 16 | 2017 | Delivered invited talk in the National symposium on cytogenetic and genomics held on 27 th October 2017 at Govt. sci. college, Hassan, Karnatak, India |
| 17 | 2018 January | Participated in the workshop on “Food Fishes of Karnataka” organized by the Bharathi College on 31 st January 2018. |
| 18 | February 2018 | Delivered invited talk/ Resource person in the National Drosophila Workshop conducted by the department of studies in Zoology., Manasagangotri, Mysuru-6 |

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| 19 | 2018 | Attended the Faculty of Science Meeting held in March 2018, Rani Bahadur auditorium, Manasagangotri, Mysuru-6, Member faculty of science from 2017-2018. |
| 20 | 2018 | Participated in the seminar on Importance of Academic leadership in the Governance of Higher education institutions. Held Auditorium. Vignana Bhavan, Manasagangotri, Mysuru on.(27 th April 2018) |
| 21 | 2018 | Participated in the Mid Academy of Science meeting held in Infosys, Mysuru, Indian Academy Sciences 29 th 30 th June 2018 |
| 22 | 2018 | Participated in the UGC sponsored Refresher Course in the subject Basic Sciences from 8 th March 2018 to 28-3-2018 held at Human Resource Development Centre |
| 23 | 2018 | Worked as Exam supervisor for PG-CET exams held in the University of Mysore from 18 th June to 21 st June 2018 |
| 24 | 2018 | Worked as Exam supervisor for PG-CET exams held in the University of Mysore from 18 th June to 21 st June 2019 |
| 25 | 2019 | Worked as Exam supervisor for PG-CET exams held in the University of Mysore from January 2021 |
| 26 | 2020 | Worked as Exam supervisor for PG-CET exams held in the University of Mysore from January 2021 |
| 27 | 2021 | Worked as Exam supervisor for PG-CET exams held in the University of Mysore from January 2021 |

Visits Abroad

1. Visited, Bangkok, Pattaya (Thailand) to present an invited talk on **Biological rhythms and human health”** in **International Conference on Advances in science and Engineering, Regent College Bangkok, Thailand held on 19th to 23rd January 2017.**

| Sl No. | Year | Resource Person / Organizing member/ in the workshops and conference | Place of the work accepted |
|--------|------|---|----------------------------|
| 1 | 1993 | “Orientation Course on Cytogenetics of <i>Drosophila</i> for teachers of Graduate College/Postgraduate institutions held on 24 th - 29 May 1993 at Drosophila Stock Centre DOS in Zoology, Manasagangotri Mysore-6 | DOS in Zoology |
| 2 | 1994 | “Orientation Course on a Cytogenetics of <i>Drosophila</i> ” for teachers of Graduate college/Postgraduate institutions of different Universities of Karnataka, | DOS in Zoology |

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| | | held on 21 st -26 th march 1994 at Drosophila Stock Centre, DOS in Zoology, Manasagangotri, Mysore-6. | |
| 3 | 1997 | Orientation Course on Cytogenetics of <i>Drosophila</i> ” for teachers of Graduate and Postgraduate institutions of different Universities of Karnataka , held on 1-06 th March 1997 at Drosophila Stock Centre DOS in Zoology, Manasagangotri, Mysore-6. | DOS in Zoology |
| 4 | 2001 | Refresher course on “Genetics and Evolution” 10 th -22 September 2001. Sponsored by Indian Academy of Sciences, Bangalore. | Indian Academy of Sciences, Bangalore |
| 5 | 2011 | Organizing Member of International Symposium on Current Trends in Endocrine and Reproductive Health and 29 th Annual Meeting of the society for Reproductive biology and comparative endocrinology. Held at department of studies in Zoology, Manasagangotri Mysore-6 on 10 th -12 February 2011 | Department of Studies in Zoology, University of Mysore |
| 6 | 2014 | Invited talk delivered in Drosophila Meeting held in Banaras Hindu University, Varanasi from March 12-13, 2014. | Banaras Hindu University, Varanasi |
| 7 | 2014 | Organizing member of 10 th Kannada Vignana Sammelana Karnataka Science Congress held in University of Mysore from 15 th to 17 th September 2014 | Swadeshi Andolana, Karnataka |
| 8 | 2014 | Organizing member of National Symposium on Innovations in Science and Technology for inclusive development organized on 3 rd and 4 th January 2014 at the department of Studies in Zoology, University of Mysore. Sponsored by Indian science congress Association, Bangalore Chapter and University of Mysore. | Department of Studies in Zoology, University of Mysore. |
| | 2014 | Served as Reporteur I National symposium on innovations in Science and Technology for inclusive development, organized on 3 rd and 4 th January 2014. | DOS in Zoology, University of Mysore, Mysore |

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| | 2014 | Served as a Chairman of the session in 10 th Kannada Vignana Sammelana held on 15-17 th September 2014. in the university of Mysore, Mysore | Organized by University of Mysore |
| 9 | 2016 | Organizing member (Reception subcommittee) for Indian Science Congress, held in the University of Mysore, Mysuru. | |
| 10 | 2016 | Organizing member and Joint secretary for the 26 th National Symposium on Chronobiology, held in the Department of Studies in Zoology, Manasagangotri, Mysore-6 from 2 nd and 3 rd June 2016 | DOS in Zoology |
| | 2016 | Chairing the sessions in the chronobiology conference held at Department of Studies in Zoology, Manasagangotri, Mysore on 2-3 rd June 2016 | DOS in Zoology |
| 11 | February 2018 | Organizing secretary for the Drosophila Workshop conducted in the Department of studies in Zoology, from 26- 28 th February 2017 | Department of studies in Zoology |
| 12 | 2016 | Worked as Rapporteur and Chairperson in the Session of emerging Technologies XL Indian Social Science Congress held from December 19-23 2016 at University of Mysuru, Mysuru, Karnataka | |
| 13 | 2017 | Organizing member for the Seminar on “Nobel Prize in Medicine 2017: Drosophila Yet again” on 11 th October 2017 at B.M. Bahadur Institute of Managment Science, MGM. | DOS in Zoology |
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| Date | Invited talk delivered in UGC-Academic Staff College, University of Mysore, Mysuru Topics |
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| 31/1/2020 | Impact of Circadian rhythm on human health (Refresher course) |
| 26/12/2020 | Lifestyle and human health (OP) |
| 27/2/2021 | Effect of Life style on human health (OP) |
| 23/2/2021 | Seminar judge to UGC-HRDC OP programme |

| Sl NO. | Year | Student projects Guided Dr. V. Shakunthala | Students |
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| 1 | 2014-15 | The nutritional effects on the gut microflora and their impact on viability and fitness in Drosophila | Nethravathi R (GN 113011) |

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| | | melanogaster | Supriya PC (GN113018) |
| 2 | 2015-16 | “Effect of Amitriptyline hydrochloride on mating behavior of <i>Drosophila melanogaster</i>” | Latha Rani. D (GN113005) Sathisha.S |
| | 2015-16 | Antimicrobial Activity of <i>Mucuna pruriens</i> seed on Human pathogenesis | Suhasini M.P (GN113017) |
| 3 | 2016-17 | Effect of Lead Acetate and Zinc Chloride on <i>Drosophila melanogaster</i> | Salini H.H. (Zo115033) Rekha (Zo11 5026) Paramesha B. P(Z0115020) Sangeetha M.D.(Zo115032) |
| 5 | 2017-18 | “Effect of Artificial Sweetner (asparatame) on <i>Drosophila melanogaster</i>” | Anjana S (Zo116005) Monisha D (Z0116025) Sunitha MB (Z0116043) |
| 6 | 2018-19 | Study on diversity of Ants in Manasagangotri Campus | Soubhagya.H.R (ZO117141) |
| | | Functional Morphology-structural analysis of mandibles in twenty species of Grasshoppers | Meghana A Z0117127 |
| | | Study on Morphometry and Morphometric geometry of the wings in Grosshopper at Manasagnagotri Campus | Megha Urs T. S (Z0117126) |
| | 2018-19 | Alpha and Beta esterase profiles of few species of <i>Drosophila melanogaster</i> | Suchithra C (Z0117140) Shilpa A (Z0117139) |
| | 2018-19 | Chronty: A questionnaire based study in the Students/professors/researchscholars of the Campus.. | Anjali Jo James (Z0117106) Anitha G (Z0117105) |

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| 7 | 2019-20 | Biodiversity and Morphological studies of <i>Drosophila</i> species in Manasagangotri campus, Mysuru, Karnataka | Ms. Abhishek Mery Ms. Akshatha A Ms. Aparna S. Hiremath Ms. Bhagya lakshmi P. N. Ms. Gunjan Ms. Pritiwi G.D Ms. Sushma J |
| 8 | 2020-21 | Amilorating effect of the <i>Bacopa moneri</i> to heavy metal treated to <i>Drosophila melanogaster</i> | Chiathra Kumari BL Pooja C Shobha G |
| 9 | 2020-21 | Covid-19: A pandemic shook entire world Pros and cons. | Simran Srivastav |
| 10 | 2020-21 | Ameliorationg effect of few medicinal plants on Valporate induced Tpxocity in epilepsy | Spoorthy S |
| 11 | 2020-21 | Effects of the endocrine disruptor Bisphenol-A on Human Health. | Neha Mutalik |

Others:

1. Participated in the “Discussion Meeting on Behavioural Ecology”, held on 8th-10th July 1999. Sponsored by Jawarlal Nehru Centre for Advance Scietific Research, Bangalore, *Drosophila* Stock Centre, Department of Zoology, Manasagangotri, Mysore.
2. Participated in the seminar on “Health and Nutrition Awareness” held at Department of Studies in Food Science and Nutrition, Manasagangotri, Mysore on 27th March 2006.
3. Attended certificate course in **Statistical Application conducted by** Centre for Information Science and Technology (CIST), Senate Bhavan, Manasagangotri, Mysore-6.
4. Participated in Darwin’s 200th Birth Anniversary Celebrations on 25th-26th May 2009 held at Department of Studies in Zoology Manasagangotri, Mysore-6.
5. Participated in Special Lecture Series held at Department of Zoology on 22nd to 24th October 2009 , sponsored by Karnataka Science and Technology Academy.
6. Participated in 2nd National Women’s Science Congress during 7th-9th November 2009, AIISH, Mysore.
7. Participated in International Conference at 3rd Bangalore Nano “Frontiers of Nanotechnology: Impact on India” Held at Bangalore, on 8th and 9th December 2010.

8. Participated in One day symposium on Microbial Energy held on 15th September 2010 at Department of Studies in Microbiology and Sri. M. Visvesvaraya Chair University of Mysore, Manasagangotri, Mysore.
9. Attended One day work shop on “Intellectual Property Rights Jointly organized by KSCST, Bangalore and Centre for Information Science and Technology (CIST University of Mysore held on 25th March 2011.
10. Participated in 2nd International Conference organized by the Academy of Clinical Embryologists held Le meridien, Bangalore from 10th 11 August **2013**.
11. Participated in the workshop on Literature Review organized by Mysore University library, University of Mysore, Mysore on 19th December **2013**.
12. Participated in National seminar on impact of urbanization on biota and the role of governmental and non-governmental organizations in their conservation.” Held in Government Science College Nrupathunga road, Bangaluru-1.
13. Participated in the workshop of plagiarism held in the Library University of Mysore.

Popular science articles in Kannada:

- 1) Ranganath, H. A. and **V. Shakunthala**, 2006. ‘*Drosophila*’ Kannada Vishaya Viswakosha: Praani vignana University of Mysore, Page.708-9
- 2) **Shakunthala,V** 2006. ‘Hannu nonagalu’ (Common fruit flies) Kannada vishaya viswakosha: Pranivgnana University of Mysore, Page.1139
- 3) **Shakunthala,V** 2006. ‘Gelapagus dweepagalu’ (Galapagus islands) Kannada vishaya viswakosha: Pranivgnana University of Mysore, Page.535-536
- 4) **Shakunthala V** 2007. “Vikruthigalu” Suvarna Karnataka Male, Giva Shashtrake thalivignana kodge. Prasaranga, Bangalore University. Bangalore.pp.105-119.
- 5). “Endoplasmic reticulum” Sasya shastrha vishwakoshagalu, UOM 2018
- 6) “Golgi complex” Sasya shastrha Vishwakoshagalu, UOM 2018