

## CURRICULUM VITAE

### ADDRESS FOR CORRESPONDENCE:

**Dr. N. Shivanna**  
**Professor,**  
**Department of Zoology,**  
**Karnatak University,**  
**Dharwad-580003**  
**Karnataka**  
**India.**  
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### PRESENT OCCUPATION

**Working as a Chairman, in Department of Zoology, Karnatak University, Dharwad, Karnataka, India since 2020.**

Working as a professor, in Department of Zoology, Karnatak University, Dharwad, Karnataka, India since 2015.

Worked as Co-ordinator in Department of Applied Genetics, Karnatak University, Dharwad, Karnataka, India since June 2012.

Appointed as Professor (Selection) and posted in Department of Applied Genetics, Karnatak University, Dharwad, Karnataka, India since March 2012.

Worked as Associate Professor in Department of Zoology, Karnatak University, Dharwad, Karnataka, India since 2009.

Worked as Reader in Department of Zoology, Karnatak University, Dharwad, Karnataka, India since 2006.

Worked as a senior Lecturer in Department of Zoology, Karnatak University, Dharwad, Karnataka, India since 2001.

Worked as a Lecturer in Department of Zoology, Karnatak University, Dharwad, Karnataka, India since 1997.

### EDUCATION

**Doctor of Philosophy in Zoology (Ph.D) 1996.**

Department of Post-graduate studies in Zoology. **University of Mysore, Mysore, Karnataka, India.**

**Masters of Science in Zoology. 1989**

Department of Post-graduate studies in Zoology. **University of Mysore, Mysore**  
Karnataka, India.

**Bachelor of Science. 1987**

Shri Mahadeshwara Colloge, Kollegala, **University of Mysore, Mysore**, Karnataka,  
India.

**TOPIC OF RESEARCH: “Studies on the glue proteins and larval pupation  
site preference in different species of *Drosophila*”**

RESEARCH EXPERIENCE: 1990 to till date

TEACHING EXPERIENCE: 1997 to till date

NUMBER OF Ph.D. GUIDED: 06

NUMBER OF M.Phil. GUIDED: 03

NUMBER OF M.Sc. STUDENTS PROJECT GUIDED: 57

NUMBER OF RESEARCH PROJECTS COMPLETED: 3

NUMBER OF RESEARCH PROJECTS ONGOING : 0

NUMBER OF RESEARCH PAPERS PUBLISHED: 40

NUMBER OF Ph.D. THESIS EVALUATED: 15

NUMBER OF M.Phil. DESERTATION EVALUATED: 12

NUMBER OF SEMINARS, CONFERENCES, WORKSHOPS ETC. ATTENDED: 12

MEMBER OF ORGANISING COMMITTEE OF LECTURE SERIES, SEMINARS,  
CONFERENCES, WORKSHOP : 19

CHAIRMAN / CO-CHAIRMAN OF SEMINAR/CONFERENCE : 1

**RESEARCH PROJECT COMPLETED/ONGOING:**

1. Studies on larval pupation site preference in relation to glue proteins in *D. melanogaster* and *D. simulans* and their hybrids. 2001- 2002. Funded by K.U.D.
2. Qualitative analysis of larval glue proteins in *Drosophila* 2006-2008. Funded by U.G.C.
3. Role of larval behaviour and glue protein on pupal survival/protection in different species of *Drosophila*.2010-2013.Funded by U.G.C.

**MEMBER OF MAJOR RESEARCH CO-ORDINATED PROJECTS OF THE  
DEPARTMENT OF ZOOLOGY, KARNATAK UNIVERSITY, DHARWAD.**

1. SAP – DRS II (2001 – 2006)
2. SAP – DRS II (2007 – 2012)
3. COSIST Program (2000 – 2005)
4. FIST Program (2007 – 2012)
5. SAP-DRS III (2014 – 2020)

**PUBLICATIONS:**

1. Shivanna, N. and Ramesh, S.R. 1994. A preliminary comparative analysis of paragonial secretions in four species of *Drosophila immigrans* group. *Drosophila Information Service*. 75:165-167.
2. Shivanna, N. and Ramesh, S.R. 1995. Increase in size of the gland is not always associated with increased secretions: An evidence from the larval salivary glands of *Drosophila*. *Current Science*. 68:1246-1249.
3. Shivanna, N. and Ramesh, S.R. 1995. Quantitative and qualitative analysis of accessory gland secretory protein in a few species of *Drosophila immigrans* group. *Indian Journal of Experimental Biology*. 33:668-672.
4. Shivanna, N., Siddalingamurthy, G.S. and Ramesh, S.R. 1996. Larval pupation site preference and its relationship to the glue proteins in a few species of *Drosophila*. *Genome*. 39: 105-111.
5. Shivanna, N. and Ramesh, S.R. 1997. Intraspecific larval pupation site preference in *D. melanogaster*. *Drosophila Information Service*. 80:1-2.
6. Ramesh, S.R. and Shivanna, N. 1999. SDS-PAGE pattern polymorphism of X-chromosomal glue proteins in natural populations of two *Drosophila nasuta* subgroup species. *Biochemical Genetics* 37: 1-21.
7. Vandal, N.B., Modagi, S. A. and Shivanna, N. 2003. Larval pupation site preference in a few species of *Drosophila*. *Indian Journal of Experimental Biology*. 41: 918- 920.
8. Vandal, N.B. and Shivanna, N. 2004. Effect of water on larval pupation site preference in a few species of *Drosophila*. *Drosophila Information Service*. 87: 64-66.

9. Vandal, N.B. and Shivanna, N. 2005. Studies on larval pupation site preference in a few species of *Drosophila*: Water and Density. *Advancement in Indian Entomology: Health and Productivity*. 3: 323-333.
10. Vandal, N.B. G.S. Siddalingamurthy and Shivanna, N. 2005. Effect of interspecies larval interaction on its pupation site preference in different species of *Drosophila*. *International Journal of Ecology and Development*. 3 (F05): 55-68.
11. Vandal, N.B. and Shivanna, N. 2005. Larval path length and patterns influences the pupation site preference in *Drosophila*. *International Journal of Dipterological Research*. 16: 217- 224.
12. Shivanna, N., Vandal, N.B. and Modagi, S. A. 2006. Effect of endosulfan on larval pupation site preference in different species of *Drosophila*. *Journal of Advanced Zoology*. 27 (1): 34- 42.
13. Vandal, N.B. and Shivanna, N. 2007. Substrate selection for pupation of *Drosophila* larvae. *Acta Zoologica Bulgarica*. 59 (1): 65-72.
14. Vandal, N.B. and Shivanna, N. 2007. Temperature dependent larval pupation site preference in different species of *Drosophila*. *Russian Journal of Ecology (Povolzhasky)*. 2C: 91-105.
15. Vandal, N.B. and Shivanna, N. 2007. Effect of larval size and weight on larval pupation site preference in different species of *Drosophila*. *Drosophila Information Service*. 90: 55-58.
16. Shivanna, N., Modagi, S. A. and Vandal, N.B. 2007. Qualitative analysis of larval glue proteins in relation to its pupation site preference in a few species of *Drosophila* (Diptera: Drosophilidae). *Studia Dipterologica*. 14(1)85-95.
17. Vandal, N. B., Siddalingamurthy, G.S. and Shivanna, N. 2008. Larval pupation site preference on fruit media in different species of *Drosophila*. *Entomological Research*. 38:188-194.
18. Vandal, N. B., Siddalingamurthy, G.S. and Shivanna, N. 2008. Effect of temperature and density on larval pupation site preference in different species of *Drosophila*. *Russian Journal of Ecology (Povolzhasky)*. 2:87-100.
19. Modagi, S. A. and Shivanna, N. 2008. Acid phosphatase of larval salivary gland secretory proteins of selected species of *Drosophila* and its relation to pupation. *Journal of Ecobiology*. 23:281-288.

20. Vandal, N. B., alingamurthy, G.S. and Shivanna, N. 2008. Effect of temperature and density on larval pupation site preference in sympatric species of *Drosophila*. International Journal of Dipterological Research. 19(2):79-93.
21. Shivanna, N., N.B. Vandal, S.L. Kudupali, and S.B. Shetty, 2009. Olfactory response of *Drosophila* flies for different fruits. Drosophila Information Service. 92: 25-27.
22. Koppad, G.R. and Shivanna, N. 2010. Effect of Nicotine on larval behaviour and fitness in *Drosophila melanogaster*. Journal of Biopesticides. 3(1): 222 -226.
23. Hiremani, R. B and Shivanna, N. 2010. Accessory gland secretory proteins in relation to fitness parameters of *Drosophila ananassae* and *D.varians*. Entomological Research 40: 251-258.
24. Vandal, N. B., Siddalingamurthy, G.S. and Shivanna, N. 2010. Effect of light and dark on larval pupation site preference in different species of *Drosophila*. Journal of Entomological Research. 34 (3): 239-247.
25. Shivanna, N., and N.B. Vandal, 2010. Larval behaviour and pupation site preference in selected species of *Drosophila*. Journal of Advanced Zoology. 31(2):67-72.
26. Vandal, N. B., Siddalingamurthy, G.S. and Shivanna, N. 2011. Effect of temperature and density on larval pupation site preference in sibling species of *Drosophila* (Drosophilidae: Diptera). Munis Entomology and Zoology. 6(1) 330-338.
27. Shweta R. P. and Shivanna, N. 2011. Larval Pupation Site Preference Studies in *Drosophila*. Journal of Advanced Zoology. 32(2):89-94.
28. Shivanna, N., Vandal, N.B., Kudupali, S.L and Shetty. S.B. 2012. Effect of urea on larval pupation site preference in difference species of *Drosophila*. Munis Entomology and Zoology. 7(2): 1116-1124.
29. Shweta R. P. and Shivanna, N. 2012. Larval pupation site preference in *Drosophila melanogaster*, *D. simulans*, *D. mauritiana* and their hybrids. International Journal of Recent Scientific Research. 3(12): 1067 – 1070.
30. Srinath B.S. and Shivanna N. 2012. A note on new variant of a rare species *Drosophila daruma* (Okada) (Diptera: *Drosophilidae*) from Kalghatgi forest range Dharwad district. Biosystematica. 6(1): 39-40.
31. Shweta R.P. and Shivanna, N. 2012. Preliminary studies on genetic analysis of larval pupation site preference in *Drosophila*. Drosophila Information Service. 95: 72 – 76.

32. Suhasini L.K. and Shivanna, N. 2013. Comparison of fitness parameters in different species of *Drosophila*. American Journal of Bioscience and Bioengineering. 1 (1): 1 – 6.
33. Suhasini L.K. and Shivanna, N. 2013. Qualitative analysis of accessory glands secretory proteins in different species of *Drosophila*. American Journal of Zoological Research. 1:1-4.
34. Suhasini L.K. and Shivanna, N. 2013. Influence of age on mating and fitness of *Drosophila melanogaster*. Drosophila Information service. 96: 71 – 75.
35. Srinath B.S. and Shivanna, N. 2013. Fluctuation of *Phorticella striata* in mango plantations of Dharwad District. Drosophila Information service. 96: 61 – 64.
36. Srinath B. S and Shivanna N. 2014. Seasonal variation in natural populations of *Drosophila* in Dharwad, India. Journal of Entomology and Zoology Studies. 2 (4): 35-41. ISSN 2320-7078
37. Srinath B. S and Shivanna N. 2014. *Drosophila* fauna of Dharwad District with a report of *Drosophila latifshahi* from South India. Drosophila Information Service. 97: 59 – 63.
38. Srinath B. S. and Shivanna, N. 2015. Polymorphism among anterior and posterior set of teeth in periphallid organ of three species of *Drosophila*. Turkish Journal of Zoology. 39: 596 – 603.
39. Srinath B. S. and Shivanna, N. 2015. Fluctuation of *D. kikkawai* population in Hegdekatta village, Sirsi taluk, India with a preliminary report on its sex comb patterns. Drosophila Information Service.98: 44 – 46.
40. Srinath B. S. and Shivanna, N. 2016. Preliminary report on electrophoretic pattern of acid phosphatase of few species belonging to ananassae subgroup of *Drosophila* in Dharwad district. Drosophila Information Service.99: 26 – 28.
41. Srinath B. S. and Shivanna, N. 2017. First report of *D. polychaeta*, Patterson and Stone from India.. Drosophila Information Service. 100: 58 – 62.
42. Srinath B. S., Vandal N. B. and Shivanna, N. 2018. Morphometry of male accessory glands in natural populations of *D. bipectinata*. Drosophila Information Service. 101: 39 – 41.
43. Srinath B. S. and Shivanna, N. 2019. First report of *Chymomyza vaidyayi* Okada (Diptera: Drosophilidae) from South India. Drosophila Information Service. 102: 43 – 46.
44. Shivanna, N., Srinath B. S. and Tarafdar A S 2020. Influence of urea on the morphology of *D. melanogaster*. Drosophila Information Service. 103: 18 – 22.

45. Srinath B. S., Anurag S. and Shivanna, N. 2021. A Preliminary study of *Drosophila* in few localities of Western Ghats of Dharwad, Belagavi and Uttara Kannada districts of Karnataka, India. *Drosophila Information Service*. 104:24-28.

## **BOOK ARTICLES AND BOOKS PUBLISHED**

### **1.Book**

Title of the book : Envoinformatics. Arvind Kumar (Ed.).

Title of the chapter: Effect of larval size and weight on pupation site preference in different species of *Drosophila*.

Authors : :Vandal, N. B and Shivanna, N

Year-2008.

Daya Publishing House, New Delhi. Pp 101 – 106

### **2.Book**

Title of the book:Larval Pupation Site Preference in Different Species of *Drosophila*

Author: Nakul B Vandal , N Shivanna , Shrikant A Modagi

Paperback : 156 pages

ISBN-10 : 3659173835

ISBN-13 : 978-3659173837

Publisher : LAP Lambert Academic Publishing (3 July 2012)

### **3.Book**

Title of the book: Effect of Tobacco Extract on Larval Behavior and Fitness in *Drosophila*

Author: N Shivanna , Koppad Geeta R

Year: (29 January 2013)

ISBN-10 : 3659335541

ISBN-13 : 978-3659335549

Publisher : LAP Lambert Academic Publishing

### **4.Book Chapter**

Title of the book: In Biodiversity Monitoring and Utilisation. Editor: B.B. Hosatti and K.L.Naik.

Title of the chapter; Anuran diversity of Hegadekatta village,Sirsi Taluk,Uttar Kannada District.

Year-2013

Authors : Shivanna, N., Anant Hegde and Dheeraj, K. V.

Pionter Publishers,Jaipur,India.

Pp 152 – 164.

## 5. Book Chapter

Title : Biodiversity challenges, a way forward

Book Title : Biodiversity of Drosophilidae in Dharwad District

Author : Srinath B S and N. Shivanna

Editor: Shashikanth Majagi

Year-2022

Page No : 69-91

Daya Publishing House, Astral Pvt.Ltd. New Delhi-110002

ISBN: 978-93-5461-269-5 (HB)

## REFEREE FOR JOURNALS

1. IJIB
2. JLS
3. My Science
4. Bulletin of pure and Applied Sciences
5. AJFS

## SEMINARS, CONFERENCES, SYMPOSIA WORKSHOPS ETC. ATTENDED:

1. Shivanna, N., Siddalingamurthy, G.S. and Ramesh, S.R. 1992. Qualitative and quantitative analysis of glue proteins in a few species of *Drosophila immigrans* group. *Drosophila* Meeting, University of Mysore, Mysore, March 6-7, 1992.
2. Siddalingamurthy, G.S. Shivanna, N., and Ramesh, S.R. 1992. Preliminary studies on the salivary gland proteins in a few species of the montium subgroups of *Drosophila*. *Drosophila* Meeting University of Mysore, Mysore, March 6-7, 1992.
3. Shivanna, N., Siddalingamurthy, G.S. and Ramesh, S.R. 1993. Paragonial secretions; A comparative analysis in four species of *Drosophila immigrans* group, XVI All India Cell Biology Conference and symposium, B.H.U. Varanasi, January 1-3, 1993.
4. Shivanna, N., Siddalingamurthy, G.S. and Ramesh, S.R. 1993. Does glue protein in *Drosophila* have only one function? *Drosophila* Meeting, University of Mysore, Mysore, August 5-6, 1993.
5. Siddalingamurthy, G.S. Shivanna, N., and Ramesh, S.R. 1993. Accessory gland proteins of male reproductive system in four species of montium subgroup of *Drosophila*. *Drosophila* Meeting, University of Mysore, Mysore, August 5-6, 1993.



6. Ramesh, S.R. Siddalingamurthy, G.S. Shivanna, N., and Kalisch, W.E. 1995. Studies on larval salivary gland secretions (glue proteins) in a few species of *Drosophila*. *Drosophila* Meeting, University of Mysore, Mysore, August 5-6, 1995.
7. Shivanna, N. 2004. Training programme for University teachers in human rights Education held at Karnatak University, Dharwad. 16<sup>th</sup> – 20<sup>th</sup> August, 2004.
8. Shivanna, N. and Shweta R. Pant 2008. Larval pupation site preference and qualitative analysis of glue protein in *Drosophila*. National conference - Fifth *Drosophila* meeting, University of Mysore, Mysore, March 28<sup>th</sup> -29<sup>th</sup> 2008.
9. Koppad, G.R. and Shivanna, N. 2009. Effect of Nicotine on larval behaviour and fitness in *Drosophila melanogaster*. 2<sup>nd</sup> Biopesticide International Conference (BIOCICON-2009). Palayamkottai, Tamil Nadu. 26-28 November 2009.
10. Vandal, N.B. and Shivanna, N. 2009. Larval behaviour and pupation site preference in *Drosophila*. National conference on recent trends in animal physiology. University of Mysore, Mysore, October 29<sup>th</sup>- 30<sup>th</sup> 2009.
11. Modagi, S.A. and Shivanna, N. 2009. Alkaline phosphatase of larval salivary gland secretory proteins of selected species of *Drosophila*. National conference on recent trends in animal physiology. University of Mysore, Mysore, October 29<sup>th</sup>- 30<sup>th</sup> 2009.
12. Hiremani, R. B., Suhasini, L.K. and Shivanna, N. 2010. Studies on the accessory gland proteins and fitness parameters of *D. ananassae* and *D. varians*. National conference - Sixth *Drosophila* meeting, University of Mysore, Mysore, November 19<sup>th</sup> -20<sup>th</sup> 2010.
13. Geeta, R.K., Shweta, R.P. and Shivanna, N. 2010. Effect of tobacco extract on larval behaviour, pupation site preference and fitness in *D. ananassae*. National conference - Sixth *Drosophila* meeting, University of Mysore, Mysore, November 19<sup>th</sup> -20<sup>th</sup> 2010.
14. Srinath, B. S. and Shivanna, N. 2010. Preliminary survey of *Drosophila* fauna of Dharwad district. . National conference - Sixth *Drosophila* meeting, University of Mysore, Mysore, November 19<sup>th</sup> -20<sup>th</sup> 2010.
15. Suhasini, L.K. and Shivanna, N. 2011. Effect of age on fitness parameters of *D. melanogaster*. International symposium on Current trends in Endocrine and Reproductive health, University of Mysore, Mysore, February 10<sup>th</sup> - 12<sup>th</sup> 2011.

16. Srinath, B. S. and Shivanna, N. 2011. *Drosophila* fauna of Dharwad district. . National symposium on Biodiversity and environment. Dept. of Zoology, Gulberga University, Gulberga. November 3<sup>rd</sup> -5<sup>th</sup> 2011.
17. Shivanna, N. Two days workshop on preparation of Self Instructional Material (SIM) Organized by the Directorate of Distance Education Kuvempu University in Collaboration with the DEC of IGNOU, New Delhi, held during 23<sup>rd</sup> – 24<sup>th</sup> April, 2011.
18. Shweta R. P. and Shivanna, N. 2012. Analysis of Pupation Site Preference in *Drosophila*. National Conference on “New Frontiers in Animal Science”, Kuvempu University, Shimoga, April 9<sup>th</sup> – 10<sup>th</sup> 2012.
19. Srinath, B. S. and Shivanna, N. 2017. Biodiversity of *Drosophila* in Dharwad district. . National conference on “Reaching the unreached through science and technology: Recent advances in Physical, Chemical, Mathematical and Biological Sciences for Energy, Health and Environment”. Organized by The Indian Science Congress Association (Bangalore Chapter) and Faculty of Science and Technology, Mangalore University, Mangaluru, Sept. 8<sup>th</sup> and 9<sup>th</sup> 2017.
20. Srinath, B. S. and Shivanna, N. 2017. The Polychaeta subgroup species of genus *Drosophila* from Dharwad diatrick, Karnataka, India. At 3<sup>rd</sup> Indian *Drosophila* Research Conference (National Conference) from 6<sup>th</sup> to 9<sup>th</sup> December 2017 at Indian Institute of Science Education and Research (IISER) Bhopal.

#### **MEMBER OF BOARD OF RESEARCH COMMITTEE**

1. Department of Zoology, Karnatak University, Dharwad.
2. Department of Board of Applied Animal Sciences, Babasaheb Ambedkar University (Central University), Lucknow.
3. Department of Applied Zoology, Mangalore University, Mangalore.
4. Department of Applied Zoology, Kuvempu University, Shivamogga.
5. Department of environmental sciences, Kuvempu University, Shivamogga.

#### **MEMBER OF BOARD OF STUDIES**

1. Department of Zoology, Karnatak University, Dharwad.

2. Department of Applied Genetics, (ad hoc) Karnatak University, Dharwad.
3. Department of Board of Environmental Sciences, Babasaheb Ambedkar University (Central University), Lucknow.
4. Department of Board of Applied Animal Sciences, Babasaheb Ambedkar University (Central University), Lucknow.
5. Department of Applied Zoology, Mangalore University, Mangalore.
6. Department of Zoology, Karnataka State Woman's University, Bijapur.
7. Department of Zoology, Bangalore University, Bangalore.
8. Department of Applied Genetics, Bangalore University, Bangalore.

### **MEMBER OF BOARD OF EXAMINATION IN ZOOLOGY**

1. Department of Zoology, Karnatak University, Dharwad.
2. Department of Bio-Technology, Karnatak University, Dharwad.
3. Department of Applied Genetics, Karnatak University, Dharwad.
4. Department of Zoology, University of Mysore, Mysore.
5. Department of Genetics, University of Mysore, Mysore.
6. Department of Zoology, Gulbarga University, Gulbarga.
7. Department of Zoology, Bangalore University, Bangalore.
8. Department of Applied Genetics, Bangalore University, Bangalore.
9. Department of Bio-Technology, Bangalore University, Bangalore.
10. Department of Life Sciences, Bangalore University, Bangalore.
11. Department of Applied Zoology, Mangalore University, Mangalore.
12. Department of Applied Zoology, Kuvempu University, Shimoga.
13. Department of Bio-Technology, Kuvempu University, Shimoga.
14. Department of Environmental Science, Kuvempu University, Shimoga.

### **MEMBER OF ORGANISING COMMITTEE OF LECTURE SERIES, SEMINARS, CONFERENCES, WORKSHOP**

1. National Symposium on Reproduction & Comparative Endocrinology conducted by Dept. of Zoology, KUD on 1<sup>st</sup> – 2<sup>nd</sup> September 1999. Sponsored by UGC & KUD.
2. National Symposium on Trends in Environmental Biology & Evolutionary Biology conducted by Dept. of Zoology, KUD on 1<sup>st</sup> – 3<sup>rd</sup> March 2001. Sponsored by UGC/SAP/DRS-II Program.
3. Seminar on Frontiers lectures in Biology. Conducted by Dept. of Zoology, KUD on 7<sup>th</sup> – 9<sup>th</sup> February 2002. Sponsored by UGC/SAP/DRS-II Program.

4. National Symposium on Development & reproduction. Conducted by Dept. of Zoology, KUD on 7<sup>th</sup> – 8<sup>th</sup> March 2003. Sponsored by UGC/SAP/DRS-II Program.
5. Symposium on Frontier in Biology of Reproduction. Conducted by Dept. of Zoology, KUD on 11<sup>th</sup> – 13<sup>th</sup> March 2004. Sponsored by UGC/SAP/DRS-II Program.
6. Symposium on Frontier lectures in Biology. Conducted by Dept. of Zoology, KUD on 3<sup>rd</sup> – 5<sup>th</sup> March 2005. Sponsored by UGC/SAP/DRS-II Program.
7. Workshop on Frontier lecture in Biology. Conducted by Dept. of Zoology, KUD on 1<sup>st</sup> – 3<sup>rd</sup> February 2007. Sponsored by KUD & Indian Academy of Science, Bangalore.
8. Frontier lectures in Reproductive Biology. Conducted by Dept. of Zoology, KUD on 7<sup>th</sup> – 9<sup>th</sup> February 2008. Sponsored by Karnataka Science & Technology Academy and KUD.
9. Frontier lectures in Evolutionary Biology Conducted by Dept. of Zoology, KUD on 14<sup>th</sup> March, 2009. Sponsored by UGC, New Delhi.
10. Lecture Series on Recent Advances in Cell Biology. Conducted by Dept. of Zoology, KUD on 19<sup>th</sup> – 20<sup>th</sup> February 2010. Sponsored by UGC, New Delhi.
11. Workshop on Soft Skills and Personality Development for M.Sc. students. Conducted by Dept. of Zoology, KUD on March 5<sup>th</sup> – 7<sup>th</sup> 2010. Sponsored by UGC & KUD
12. International Conference on Darwinism. Conducted by Dept. of Zoology, KUD on 14<sup>th</sup> – 17<sup>th</sup> September 2010. Sponsored by UGC/SAP, DST/FIST.
13. One day Workshop on Molecular Endocrinology and Reproduction. Conducted by Dept. of Zoology, KUD on 4<sup>th</sup> – 6<sup>th</sup> March 2011. Sponsored by IX Plan
14. Three days Faculty Development Program for Under-Graduate teachers on “Recent Advances in Life Sciences”. Conducted by Dept. of Zoology, KUD on 17<sup>th</sup> – 19<sup>th</sup> March 2010. Sponsored by VGST Govt. of Karnataka, Bangalore.
15. Two days Lecture Series on Endocrinology and Reproduction. Conducted by Dept. of Zoology, KUD on 24<sup>th</sup> – 25<sup>th</sup> March 2011.

16. Frontier lectures in Recent Trends in Zoology. Conducted by Dept. of Zoology, KUD on 15<sup>th</sup> – 16<sup>th</sup> March 2012. Sponsored by UGC/SAP/DRS-II Program.

### **ADMINISTRATIVE ACTIVITIES OF THE UNIVERSITY**

1. Worked as Co-Ordinator for fourth batch Refresher Course in Zoology, August 16<sup>th</sup> – 5<sup>th</sup> September 2000.
2. Worked as Co-Ordinator for 3 days Workshop on Soft Skills and Personality Development for M.Sc. students, KUD, March 5<sup>th</sup> – 7<sup>th</sup> 2010.
3. Worked as Co-Ordinator for Faculty Development Program for Under-Graduate teachers on “Recent Advances in Life Sciences” sponsored by VGST Bangalore 17<sup>th</sup> – 19<sup>th</sup> March 2010.
4. Worked as Co-Ordinator for Frontier lectures in Recent Trends in Zoology. Conducted by Dept of Zoology, KUD on 15<sup>th</sup> – 16<sup>th</sup> March 2012. Sponsored by UGC/SAP/DRS-II Program.
5. Worked as Co-Ordinator for PG Science Central Valuation, KUD, 2003, 2004, 2005, 2010, 2011.
6. Worked as member of Local Inquiry Committee (LIC) to inspect Colleges coming under KUD, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017,