

**Dr. Estari Mamidala, Ph.D**  
**Curriculum Vitae**

**PERSONAL**

Title: Assistant Professor  
Office: Department of Zoology,  
Kakatiya University,  
Warangal-506009, Telangana State, India  
Phone +910 9848 309 231

**EDUCATION**

B.Sc. Kakatiya University, Warangal, India; Zoology, Botany and Chemistry; 1974-1997  
M.Sc. Kakatiya University, Warangal, India; Zoology; 1998-2000  
Ph.D. Kakatiya University, Warangal, India; Zoology; 2002-2005  
PDF University of West Georgia, Carrollton, GA 30118-6300, United States of America

**PROFESSIONAL**

**Academic/Administrative Appointments:**

2007 – Present Assistant Professor, Department of Zoology, Kakatiya University, Warangal, India  
2014 – 2015 Sir CV Raman Post-Doctoral Research Fellow, Department of Biology, University of West Georgia, Carrollton, GA.  
2005 - 2007 Lecturer, Department of Zoology, New Science PG College, Warangal, India

**Administrative Experience:**

2008 – 2011 Warden for BC Students Hostel, University Arts & Science College, Subedari, Kakatiya University, Warangal, India

**Honors and Awards:**

2015 American Radiolabelled Young Scientist Award from ASIOA, at Boston, USA  
2012 Young Scientist Award from DST, New Delhi, India  
2012 Bharat Jyothi Award from IIFS, New Delhi, India  
2011 Bharat Shiksha Ratna Award from Global Society for Health and Educational Growth, New Delhi, India  
2009 Young Investigators Award (RGYI), DBT, New Delhi, India

**Membership in Scientific and Professional Societies:**

2014-present Member, Association of Scientists of Indian Origin in America (ASIOA), USA  
2013-present Life-Member, Indian Science Congress Association, Calcutta, India  
2012-present Life-Member, Indian Society for the Study of Reproduction and Fertility (ISSRF), Mumbai, India  
2009-present Life-Member, Indian Society of Toxicology, Aligarh Muslim University, Aligarh, India

### **Editorial Board:**

- 2015-present Member, Editorial Board, Journal of Global Trends in Pharmaceutical Sciences (ISSN: 2230-7346)
- 2015-present Reviewer, Journal of US-China Medical Science (ISSN: 1548-6648 USA)
- 2015-present Member, Editorial Board, International Journal of Biotech Trends & Technology (ISSN 2249-0183, India)
- 2014-present Member, Editorial Board, Indian Journal of Biology,
- 2015-present Editor, The American Journal of Science and Medical Research (ISSN: 2377-6196 USA)
- 2015-present Member, Editorial Board, Journal of Bio innovation, India (ISSN: 2277-8330, India)
- 2014-present Member, Editorial Board, International Journal of Science and Engineering Research (ISSN: 2229-5518, France)
- 2013-present Editor, Biolife -an International Journal of Biology & Life Sciences (ISSN: 2320-4257, India)

### **Professional Activities:**

- 2012 Member, Technical Program Committee, International Conference on Management, Manufacturing and material Engineering (ICMMM 2012), Beijing, China, 21-23, 2012.
- 2012 Member, Scientific Committee, 2nd International Conference on Computer Science and Logistics Engineering (ICCSLE2012), October 19-21, 2012 Zhengzhou China.
- 2011 Member, Scientific Committee, ICCSLE 2011 - 2011 International Conference on Computer Science and Logistics Engineering (ICCSLE2011), Zhengzhou / China 2011-November 13
- 2011 Member, International Conference on Industrial engineering and Management IEM 2011, Zhengzhou, china, August 12-14, 2011

### **TEACHING**

1. Zoology for Undergraduates (2000-2002), Govt. Degree College, Adilabad, India.
2. Genes & Differentiation, M.Sc Zoology Paper (2005-2007), New Science PG College, Warangal, India

### **RESEARCH**

#### **Previous Funded Research Grants:**

- 2014 Sir CV Raman post-doctoral fellowship
- 2013 Principal Investigator, "In vitro HIV type 1 reverse transcriptase inhibitory activities of some active compounds from *Phyllanthus emblica* fruits" DBT, New Delhi, India, Rs. 45,00,000.
- 2012 Principal Investigator, "Isolation, partial purification and characterization of Human immunodeficiency virus (HIV-1) protease inhibitors from fresh water mussels (*Lamellidens marginalis*)", DST, New Delhi, India. Rs. 22,00,000.

- 2010 Principal Investigator, “*In vitro* study on anti-HIV activity of some medicinal plants used by tribal people of Adilabad district, Andhra Pradesh”, APCOST, Hyderabad, Rs. 2,00,000.
- 2009 Principal Investigator, “Studies on Human Immunodeficiency Virus-1 (HIV-1) protease inhibition by the extracts of freshwater mussel”, DBT, New Delhi, India. Rs. 12,00,000.
- 2009 Principal Investigator, Studies on anti-HIV of the extracts of freshwater mussel (*Lamellidens marginalis*) extracts”, UGC, New Delhi, India, Rs. 9,00,000.

## PUBLICATIONS

### Publications in Refereed Journals:

1. Porika Raju and **Estari Mamidala** (2015). Anti-diabetic activity of compound isolated from *Physalis angulata* fruit extracts in alloxan induced diabetic rats. The Ame J Sci & Med Res, 2015,1(1); Pages 1 -6. doi:10.17812/ajsmr2015.11.1.
2. Sateesh Pujari and **Estari Mamidala** (2015). Anti-diabetic activity of Physagulin-F isolated from *Physalis angulata* fruits. The Ame J Sci & Med Res, 2015,1(1):53-60. doi:10.17812/ajsmr2015113.
3. Rajendra Prasad Gujjeti and **Estari Mamidala**. Anti-HIV Activity and Cytotoxic Effects of *Aerva lanata* Root Extracts. *American Journal of Phytomedicine and Clinical Therapeutics*. 2014. 2(7) 894-900.
4. Rajendra Prasad Gujjeti, Sainath Namthabad, **Estari Mamidala**. HIV-1 reverse transcriptase inhibitory activity of *Aerva lanata* plant extracts. *BMC Infectious Diseases*. 2014,14. P12. doi:10.1186/1471-2334-14-S3-P12.
5. Sateesh Poojari, Raju Porika and **Estari Mamidala**. Phytochemical Analysis and in Vitro Antidiabetic Activities of *Physalis angulata* Fruit Extracts. *National Journal of Integrated Research in Medicine (NJIRM)* 2014; Vol. 5(2). 34-38.
6. Raju Porika, Sateesh Poojari, Venkanna Lunavath and **Estari Mamidala**. Preliminary Phytochemical Investigation and TLC Analysis of *P. Angulata* Fruit Extract. *Journal of Pharmacy and Biological Sciences (IOSR-JPBS)*. Volume 9, Issue 2 Ver. II, 11-14.
7. Prasad Paindla, & **Estari Mamidala**. Phytochemical and Chromatographic Studies in the Leaves Extract of *Acalypha Indica*. *Online International Interdisciplinary Research Journal*, Volume-IV, Issue-I, Jan-Feb 2014. 175-182.
8. Rajendra Chary and **Estari Mamidala**. Phytochemical and Chromatographic studies in the stem bark extract of *Ficus recemosa* (L). *The Ecoscan*, 2013. Special Issue. Vol.IV, 27-31.
9. Rajendra Chary Vijayagiri and **Estari Mamidala**. Preliminary phytochemical and in vitro anti-diabetic activity of *Ficus racemosa* (L.) stems bark extract. *Online International Interdisciplinary Research Journal*, Voll-III, Nov 2013. 134-141.
10. Rajendra Prasad Gujjeti and **Estari Mamidala**. Phytochemical Analysis and TLC Profile of *Madhuca indica* Inner Bark Plant Extract. *International Journal of Scientific and Engineering Research*. Vol 4 (10), 2013. 1507-1510.
11. Rajendra Prasad Gujjeti and **Estari Mamidala**. Phytochemical Screening and Thin Layer Chromatographic Studies of *Aerva lanata* root extract. *International Journal of Innovative Research in Science, Engineering and Technology*. 2(10), 2013. 5725-5730.
12. Venkanna Lunavath and **Estari Mamidala**. Preliminary Phytochemical Screening And Antibacterial Studies Of The Leaves Of *Eclipta Alba* (L). *Int J Pharm Bio Sci* 2013 July; 4(3): (B) 380 – 384.
13. Prasad Paindla, Rajendra Chary Vijayagiri and **Estari Mamidala**. Ethnobotanical survey in different mandals of Adilabad district, Andhra Pradesh, India. *International Journal of Sciences*, 2013, 2(1), 77-83.

14. Srinivas Gidhamaari, Boominathan and **Estari Mamidala**. Studies of efficiency of immobilized bacteria in tannery effluent treatment. *Journal of Bioinnovation*, 2(2), 33-42. 2012.
15. Estari Mamidala and Rajendra Prasad Gujjeti. Phytochemical and antimicrobial activity of *Acmella paniculata* plant extracts. *Journal of Bioinnovation*, 2013. 2(1), 17-22.
16. Soma Manjula and **Estari Mamidala**. An Ethnobotanical survey of medicinal plants used by traditional healers of Thadvai, Warangal district, Andhra Pradesh, India. *International Journal Medical Research & Health Sciences (IJMRHS)*. 2013. 2(1),40-46.
17. Repudi Lalitha, **Estari Mamidala** and Rajeshwar. *In vitro* antimicrobial and antioxidant activity of *Acmella paniculata* plant extracts. *International Journal of Applied biology and Pharmaceutical Technology*, 4(1), 132-135.
18. Venkanna Lunavath, Raju Porika and **Estari Mamidala**. Phytochemical Analysis and Antimicrobial Activity of *Casia Occidentalis (L)*. *International Journal of Applied Biology and Pharmaceutical Technology*, 2013. 4(1), 4(1), 84-87.
19. **Estari Mamidala** and Venkanna Lunavath. Studies on human immunodeficiency virus-1 (HIV-1) protease inhibition by the extracts of fresh water mussel. *International Journal of Medical and Pharma Research*. 2012. 2(1), 38-42.
20. **Estari M** and Sripriya D. Antibacterial and phytochemical properties of *schefflera stellata* (g.) Leaf extracts against various bacterial species. *Bulletin of Pure & Applied Sciences*, 31A(2), 2012, 65-71.
21. Venkanna Lunavath, Raju Porika, Sri Priya and **Estari Mamidala**. Preliminary phytochemical analysis and anti-bacterial activity of *Tinospora cordifolia* leaf extracts. *International Journal of Health and Pharmaceutical Sciences (IJHPS)*, 2012, 1(4), 17-21.
22. Rajendra Chary Vijayagiri and **Estari Mamidala**. Ethnobotanical Investigations Among Traditional Healers In Warangal District Of Andhra Pradesh, India. *Pharmacognasy Journal*. 2012. 4(34), 13-17.
23. E. Sucharitha and **M. Estari**. Evaluation of antidiabetic activity of medicinal plant extracts used by tribal communities in rural areas of Warangal district, Andhra Pradesh. *Biology and Medicine*, 5 (20-25).
24. **M Estari**, L Venkanna, D Sripriya, R Lalitha. Human Immunodeficiency Virus (HIV-1) reverse transcriptase inhibitory activity of *Phyllanthus emblica* plant extract. *Biology and Medicine*, 2012. 4 (4): 178–182.
25. **Estari Mamidala** and Venkanna Lunavath Human immunodeficiency virus (HIV-1) reverse Transcriptase inhibitory activity of selected plant Extract. *The ecoscan*, 2012. 1:293-297.
26. Rajendra Prasad Gujjeti and **Estari Mamidala**. Ethnobotanical survey of medicinal plants used by the tribes of Khammam district, Andhra Pradesh, India. *Journal of Research in Plant Sciences*, 2012. 1(2): 001-006.
27. **Mamidala Estari**, Lunavath Venkanna, Annem Srinivas Reddy. In vitro anti-HIV activity of crude extracts from *Tinospora cordifolia*. *BMC Infectious Diseases*. 2012, 12(1):10. DOI: 10.1186/1471-2334-12-S1-P10.
28. Venkanna Lunavath and **Estari Mamidala**, Inhibition of Human Immunodeficiency Virus (HIV-1) Reverse Transcriptase by *Casia occidentalis (L)* Plant Extract, *International Journal of Scientific and Engineering Research*, 2012. Vol. 3 (7):1-4.
29. Venkanna Lunavath and **Estari Mamidala**, Human Immunodeficiency Virus (HIV-1) Reverse Transcriptase inhibitory activity of *Eclipta alba (L)* leaves extracts, *International Journal of Applied Biology and Pharmaceutical Technology*, 2012. 3(3), 356-359.
30. Venkanna Lunavath and **Estari Mamidala**, In vitro antimicrobial activity of some medicinal plants used by tribes in Warangal dist, (A.P), *Biology and Medicine*, 2012. 4 (2): 85-88.

31. Venkanna Lunavath, Soumya Billa and **Estari Mamidala**, *in vitro* anti hiv-1 (human immunodeficiency virus) activity of *Eclipta alba* plant extract, *The Asian Journal of Animal Science*, 2012. 7(1) 2012.
32. Venkanna Lunavath and **Estari Mamidala**, Studies on anti-HIV activity of *phyllanthus emblica* plant extracts, *The Bioscan*. 2012. 7 (3), 451-454.
33. **Estari Mamidala**. In vitro study for anti-HIV activity in extracts from fresh water mussel (*Lamellidens marginalis*). 2011. *J. Antivir Antiretrovir*. 3:4. (Impact factor=2.62).
34. Venkanna Lunavath and **Estari Mamidala**. (2012). Human Immunodeficiency Virus (HIV-1) Reverse Transcriptase inhibitory activity of *Eclipta alba* (L) leaves extracts. *International Journal of Applied biology and Pharmaceutical technology*. 3 (3), 356-359.
35. **Estari**, L. Venkanna, A. Srinivas Reddy, P. Prasad, V. Rajendra chary, P. Satheesh and G. Rajendra Prasad. 2011. *In Vitro* study for HIV-1 Reverse Transcriptase Inhibitory activity in extracts from *Eclipta alba*. *Bulletin of Pure and Applied Sciences*. Vol.30 A (Zoology) No.2:P.49-53.
36. **M Estari**, J Satyanarayana, B Satheesh Kumar, T Bikshapathi, A Srinivas Reddy, L Venkanna. *In vitro* study of antimicrobial activity in freshwater mussel (*Lamellidens marginalis*) extracts. *Biology and Medicine*, 2011, 191-195.
37. Mohd. Khaza, K. Laxmi Prasad and **M. Estari**. 2010. The Effects of Protease Inhibitors on Metabolic Complications and Lipodystrophy in Human Immunodeficiency Virus-Infected Patients, *American Medical Journal* American Medical Journal 1 (2): 97-102. DOI: 10.3844/amjsp.2009.97.102
38. K. Laxmi Prasad, K. Satya Parameshwar, A. Srinivas Reddy, T. Bikshapathi, J. Satyanarayana, L. Venkanna and **M. Estari**. 2009. Prevalence of dyslipidemia in urban adult population of Warangal district, Andhra Pradesh, India, 2009. *Journal of Current Sciences*, No.14: 89-96.
39. M. Estari, A S Reddy, T Bikshapathi, J Satyanarayana, L. Venkanna, M Krishna Reddy. The investigation of serum lipids and prevalence of dyslipidemia in urban adult population of Warangal district, Andhra Pradesh, India. *Biology and Medicine*, 2009. Vol 1 (2): 61-65.
40. M. Bapu Rao, T. Bikshapathi, A. Srinivas Reddy, L. Venkanna and **M. Estari**. Limnological studies of Kuntala stream at Adilabad district, Andhra Pradesh, *Bulletin of Pure and Applied Sciences*. 2008. Vol.27A (No.2):109-114.
41. Srinivas Reddy, T. Bikshapathi, l. Venkanna **M. Estari** and M. Krishna Reddy. Incidence of dyslipidemia among rural and urban school children of Warangal district, Andhra Pradesh, *Bulletin of Pure and Applied Sciences*. 2008. Vol.27A (No.2) : 57-65.
42. T. Bikshapathi, A. Srinivas Reddy, M. Estari and M. Krishna Reddy. Prevalence of metabolic syndrome in HIV infected patients receiving HAART drugs, *Journal of current sciences*, 2008. vol. 12 (2): 809-813.
43. Bikshapathi, A. Srinivas Reddy, M. **Estari** and M. Krishna Reddy. Prevalence of Low obesity and high under nutrition in socio economic status school children. *Asian Journal of Biosciences*. 2009, No.4(1); 59-62.
44. Srinivas Reddy, T. Bikshapathi, **M. Estari** and M. Krishna Reddy. Obesity, Lipid profiles and prevalence of dyslipidemia amongst diabetic patients in Warangal. *Asian Journal of Microbiology Biotechnology and Environmental Sciences*. 2009, 11(4); 877-880.
45. **M. Estari**, T. Bikshapathi and M. Krishna Reddy, *Effect of CD4 cell count on hemolytic abnormalities and STD's in patients infected with human immunodeficiency virus (HIV)*. *Journal of Ecotoxicology and Environmental Monitoring*, 2008, 22(2), 177-181.
46. **M. Estari**, J. Lakan Singh, Bheem Rao and M. Krishna Reddy, HIV seroprevalence in tuberculosis patients of Adilabad district, A.P., India. *Bulletin of Pure and Applied Sciences*, 2006, 25A(2), 149-152.
47. **M. Estari** and M. Krishna Reddy. Metabolic changes among HIV-infected tribal patients. *Indian Journal of comparative Animal Physiology*, 2006, 24(2), 58-61.

48. **M. Estari** and M. Krishna Reddy. Effect of CD4 cell count on hemolytic abnormalities in patients infected with HIV, *Journal of Eco-biology*, 2007, 21, 81-86.
49. **M. Estari** and M. Krishna Reddy. Metabolic changes among HIV-infected tribal patients. *Indian J. Comp. Anim. Physiol.* 24(2), 2006; 74-76.
50. **M. Estari** and M. Krishna Reddy. Trends and measurement of HIV prevalence in tribal areas of north Andhra Pradesh, India. *U.P. Journal of Zoology*, Vol.26 (3), 2006; 343-347.
51. **M. Estari** and M. Krishna Reddy. Seroprevalence of HIV/AIDS infection among tribals in rural areas of Adilabad dist. A.P., India. *Asian J. of Bio-Sci.* Vol.1 (2) 2006: 32-34.
52. **M. Estari** and M. Krishna Reddy. Enhancing of tuberculosis disease in HIV-infected patients and evolution of CD4 cell count, *J. Ecophysiol. Occup. Hlth.* Vol.5, 2005: 197-200.
53. **M. Estari** and M. Krishna Reddy. Effect of sexually transmitted diseases on CD4 cell count in HIV-infected patients. *Bulletin of pure and Applied Sciences.* Vol.24 (A) 2005: 67-73.
54. M. Krishna Reddy, S. S. Lakshmi and **M. Estari**. Effect of *saussurea lappa* extracts on fertility in male albino rats. *J. Comp. Toxicol. Physiol.* Vol.2 (1&!!), 2005: 28-31.
55. M. Radha Krishna, **M. Estari**, M. Krishna Reddy and D.R. Krishna. HIV seropositive prevalence in Govt. maternity Hospitals in Warangal, A.P.. India, *Bulletin of Pure and Applied Sciences*, Vol.24A (No.2), 2005: 87-91.
56. **M. Estari** and M. Krishna Reddy. Haematological characteristics and HIV status of pregnant women at antenatal clinics in Adilabad Dist. A.P., India, *Bulletin of Pure and Applied Sciences*, Vol.24A (No.2), 2005: 147-152.
57. **M. Estari** and M. Krishna Reddy. HIV Seroprevalence and awareness about AIDS among rural areas of Adilabad district, Andhra Pradesh, India. *Bulletin of Pure and Applied Sciences.* Vol.23A (No.1), 2004: 59-64.

#### **Papers Published in Seminar Proceedings**

1. **Estari Mamidala**. 2011. In vitro study for Anti-HIV activity in extracts from fresh water mussel (*Lamellidens marginalis*). *Molecular Diagnostics for Sustainable Health in Biosciences & Technology*, Excel India Publishers, New Delhi, 17-23.
2. **M. Estari**. 2011. Effect of highly active antiretroviral therapy (HAART) on lipid abnormalities in HIV-infected patients. *Proceedings of International Conference on Medical Information and Bioengineering*, 217-219.
3. **M. Estari**, J. Lakan Singh and M. Krishna Reddy. Prevalence and clinical findings of Chikungunya Virus disease in rural areas of Adilabad district, Andhra Pradesh, India. *Implications of Climate Change on Mosquito-Borne Diseases And Its Impact On Public Health*, 2010. 178-181.
4. **M. Estari**, Srinivas Reddy, T. Bikshapati, and M. Krishna Reddy. (2008). Incidence of hepatitis B and hepatitis C viruses in patients infected with the human immunodeficiency virus. *Proceedings of International Conference on Plant Biotechnology and Molecular Biology*, 15-17 Aug'.
5. **M. Estari**, J. Lakan Singh and M. Krishna Reddy. Prevalence and Clinical Findings of Chikungunya Virus Disease in Rural Areas of Adilabad District, Andhra Pradesh, India. *The proceedings of the National Workshop of Integrated Mosquito Management and Future Directives*, Osmania University, Hyderabad, 2007.63-37.
6. **M. Estari** and M. Krishna Reddy. Impact of pulmonary tuberculosis on survival of HIV infected patients among tribals in rural areas of Andhra Pradesh, India, *Proc. of Mol.Cel.Bio.* 2007, 37-41.

7. **M. Estari** and M. Krishna Reddy. Impact of pulmonary tuberculosis on survival of HIV infected patients: A prospective epidemiologic study in Adilabad dt. A.P., INDIA. *Proc. of Immun. Hlth. Care*, 2006. 129-134.
8. **M. Estari** and M. Krishna Reddy. Impact of CD4 cell count on hemolytic abnormalities in-patients infected with HIV, *The proceedings of the State Level Seminar – Sponsored by UGC on Human Immunohaematology and Pathology, Rajahmundry, December 2004, 33-37.*

### **Conferences Attended**

1. 6<sup>th</sup> National Meeting of Association of Scientists of Indian Origin in America, Inc (ASIOA). January 17-18, 2015. Orlando, Florida State, United States of America.
2. 2<sup>nd</sup> International Science Symposium on HIV and Infectious Diseases (HIV SCIENCE 2014), 30<sup>th</sup> January – 1<sup>st</sup> February 2014, Chennai.TN.
3. International Conference, Harmony-2013 on “Harmony with nature in context of ecotechnological intervention and climate change”. 11-13 November, 2013. Department of Zoology, Gorakhpur University, Gorakhpur.
4. 4<sup>th</sup> International Conference on ‘Anthropogenic Impact on Environment and Conservation Strategy”, November 2-4, 2012. Department of Zoology, Ranchi University, Ranchi, India.
5. International Science Symposium on “HIV & Infectious Diseases”. 20 to 22<sup>nd</sup> January, 2012 at Vigyan Auditorium, CSIR Campus, Taramani, Chennai, India.
6. National Seminar on “Advances in Zoology & Life Processes”. 9<sup>th</sup> to 11<sup>th</sup> February, 2012. Department of Zoology, Goa University, Goa.
7. National Conference on “Molecular diagnostics for Sustainable Health in Biosciences and Technology” (MDSHBT 2011). 20<sup>th</sup> to 21<sup>st</sup> July, 2011. At Department of Biotechnology, Karunya University, Coimbatore.
8. 2<sup>nd</sup> International Conference on Bioinformatics and Systems Biology, 16-17<sup>th</sup> February, 2011. Department of Zoology, Annamalai University, Annamalai Nagar, Tamilnadu, India.
9. International Conference on Medical Information and Bioengineering (ICMIB 2011). IACSIT, Chengdu, **CHINA**. January 14-15, 2011.
10. International Conference on Biological Sciences and Engineering (ICBE-2010). Cafet-Innova Technical Society. St. Anns Womens College, Hyderabad. August 22-23, 2010.
11. National Conference on Medical Biotechnology, Vision-2020, Advanced Centre for Biotechnology, Maharishi Dayananda University, Rohtak, Haryana, 16-18<sup>th</sup> April, 2010.
12. National Conference on *Recent Trends in Biotechnology in Environmental Management*, Osmania University, Hyderabad. 10<sup>th</sup> & 11<sup>th</sup> April, 2010.
13. National Seminar on *Emerging Trends in Animal Biotechnology*, Department of Zoology, Kakatiya University, 26<sup>th</sup> – 27<sup>th</sup> March, 2010.
14. National seminar on Zoology, Life processes & Nanotechnology, Department of Zoology, Goa University, Goa, 8-10 February, 2010.
15. National symposium on Comparative Endocrinology and Reproductive Physiology: Current advances, Department of Zoology, The Institute of Science, Mumbai, 17-19 December, 2009.
16. International Conference on Environment, Occupational and Lifestyle Concerns – Transdisciplinary Approach, ROHC-NIOH, **Bangalore**, 16<sup>th</sup> to 19<sup>th</sup> September, 2009.
17. Second Annual Science Symposium on HIV/AIDS 2009, SERC: Taramani, **Chennai**, 28<sup>th</sup> and 29<sup>th</sup> August, 2009.
18. International seminar Environmental pollution, Ecology, Human health, Department of Zoology’s University, **Thirupati**. 25-27, July 2009. A.P.
19. National seminar on biotechnology in life science. Current trends and deployments. Department of Zoology, Kakatiya degree & P.G College, **Warangal** 18-19 July, 2009.

20. National Seminar on Recent Trends in Animal Sciences, Department of Zoology, Kakatiya University, **Warangal**, 12<sup>th</sup>-13<sup>th</sup> March, 2009.
21. International Symposium on Tribal ;Health, Regional Medical Research Centre for Tribals, (ICMR), Nagpur Road, **Jabalpur**. 27<sup>th</sup> February to 1 March, 2009.
22. National seminar on Recent Advances in Molecular Microbiology and Microbial Technology, Department of Microbiology, Kakatiya University, **Warangal**, 22-24 January, 2009.
23. International conference on Novel updates in reproductive Biology and Comparative Endocrinology, Department of Animal sciences, University of Hderabad, **Hyderabad**, January 19-21, 2009.
24. 1st AP Science Congress 2008, Emerging trends in Science and Technology, Andhra Pradesh Academy of Sciences and Osmania University, **Hyderabad** -500 007, November, 14-16, 2008.
25. National seminar on Emerging Trends in Modern Biology & 25th Annual Conference of Comparative Animal Physiology, Indian Society for Comparative Animal Physiology, Tirupathi & Centre for Biotechnology & Dept. of Zoology and Aquaculture Acharya Nagarjuna University Nagarjunanagar-522510, **Guntur**, A.P. 18-20 October, 2008.
26. International conference on Biotechnology and Molecular Biology, Department of Biotechnology, Kakatiya University, **Warangal**. 15<sup>th</sup> – 17<sup>th</sup> August, 2008.
27. The first annual Science Symposium on HIV/AIDS, 22nd and 23rd of September 2008, Vigyan Auditorium, SERC, Council of Scientific and Industrial Research (CSIR) campus, at Taramani, **Chennai**-600113.
28. XXVI National Symposium on 'Reproductive Biology and Comparative Endocrinology', Department of Biotechnology and Bioinformatics, Holy cross College, **Tiruchirappalli**, Tamil Nadu. January 23-25, 2008.
29. International Conference on "Biotechnological Approaches in Bioresource Management (ICBAM-07), School of Life Sciences, Department of Biotechnology, Bharathidasan University, **Tiruchirappalli**, Tamil Nadu, April, 5-7, 2007.
30. International conference on 'Molecular and Cellular Biochemistry of HIV and associated viral infection', Department of Biochemistry, School of Life Sciences, *University of Hyderabad*, **Hyderabad**. January 12-14, 2007.
31. National workshop on 'Integrated Mosquito Management and Future Directives', Department of Zoology, PG College of Science, Saifabad, *O.U.*, **Hyderabad**. January 8-9, 2007.
32. One day seminar cum workshop on 'Trends and Techniques in Molecular Neuroendocrinology', Department of Animal Sciences, School of Life Sciences, *University of Hyderabad*, **Hyderabad**. Nov. 24, 2006.
33. National seminar on 'Immunology and Health case', Dept, of Zoology, *SRR Degree & PG College*, **Karimnagar**, 3-4 November, 2006.
34. National symposium on 'Tribal health', Regional Medical Research Centre for Tribals (ICMR), **Jabalpur**, Madhya Pradesh, 19-20 October, 2006.
35. National Research conference on 'HIV/AIDS' (*NACO & ICMR*). The Ashok Hotel, Chanakyapuri, **New Delhi**, April 21-23, 2006.
36. National seminar on 'Animal cells, Culture, Differentiation and Genetics', *Kakatiya University*, Dept. of Zoology, **Warangal**. 12-13 March, 2004.
37. National seminary on 'Recent Trends in Environmental Biology and Biotechnological Approach to conserve Biodiversity', Dept. of Zoology, *Gulbarga University*, **Gulbarga**, Oct, 22-24, 2005.
38. XXIII National Symposium on 'Reproductive Biology and comparative Endocrinology', Dept. of Zoology, *Visva-Bharati, A Central University*, **Santiniketan**, February 7-9, 2005.



39. UGC-State Level Seminar on 'human immunohaematology and pathology'. Dept. of Zoology, SKR college for women, **Rajahmundry**, December 17-18, 2004.
40. XXII Annual Symposium on 'Reproductive Biology and Comparative Endocrinology', Department of Endocrinology, *University of Madras*, **Chennai**, January 25-27, 2004.

**Book Chapters:**

1. Animal Physiology & Ethology, 2007, Publishers: Kakatiya University, SDLCE
2. Endocrinology & Reproductive Biology, 2007, Publishers: Kakatiya University
3. Genetics, 2007, Publishers: Kakatiya University, SDLCE
4. Cell and Molecular Biology, 2007. Publishers: Kakatiya University, SDLCE
5. Human Physiology, 2007. Publishers: Kakatiya University, SDLCE
6. Invertebrate Zoology, 2008. Publishers: Kakatiya University, SDLCE

**Invited Talks:**

1. Invited speaker at the "3rd National Conference on Infectious Diseases" at A.I.I.M.S, New Delhi on 18th April, 2010.
2. Invited Speaker at CV Raman PG College, Mancheryal, Adilabad district, Telangana State, January, 12, 2010.
3. Invited speaker at Government Degree College for Men, Mancheryal, Adilabad district. September, 2009.
4. Invited speaker at Sri Kakatiya Institute of Pharmaceutical Sciences, Warangal. December, 2009.
5. Invited Speaker at Sri Chaitanya Institute of Pharmaceutical Sciences, Warangal, 2009.

**Ph.D Supervision:**

Student Name	Ph.D Title	Awarded
L. Venkanna	<i>In vitro</i> anti-HIV activity of medicinal plant extracts from Warangal district, Andhra Pradesh, India	2011
E. Sucharitha	Evaluation of antidiabetic and antilipidemic properties of medicinal plant extracts used by tribal communities in rural areas of Warangal district, Andhra Pradesh.	2013
G. Rajendra prasad	"In vitro cytotoxic and anti HIV activity of traditional medicinal plants used by the tribes of khammam district Andhrapradesh, India."	2014
P. Satheesh Kumar	"Anti diabetic effect of traditional medicinal plant <i>Physalis angulata</i> fruit extracts in streptozotocin induced diabetic rats."	2015

V. Rajendra Chary	“In vitro and in vivo screening of traditional anti diabetic medicinal plants of Warangal district Andhrapradesh, India.”	2015
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P. Raju	Effect of <i>Physalis angulata</i> fruit extract on rat pancreatic beta cells.	-