

# CURRICULUM VITAE



## 01. Personal Information

01.	Name, Designation and Address:	<b>Dr. Vijaya Kumara</b> Professor and Chairman Dept. of Wildlife and Management, Kuvempu University JNANA SAHYADRI-577 451 Shimoga, Karnataka. INDIA
02.	Contact Number and E-mail:	09448206428 vijay15675@gmail.com
03	Date of Birth:	15-06-1975
04	Gender and Marital Status:	Male and married
05	Nationality:	Indian
06	Birth Place and Native	Kenjige, Kenjige Village and Post, Mudigere taluk, Chikmagalur district

## 02. Educational Qualification

Sl. No	Name of the Degree	University /Institution	Month and Year of Degree Awarded	Remarks
01	Ph. D	Kuvempu	September-2003	<b>Topic:</b> Studies on Ground water quality of Bhadravathi Town.
02	M.Sc.,	Kuvempu	June 1998	<b>Specialization:</b> Environmental Science
03	B.Sc (CBZ)	IDSG Govt. College, Chikmagalur	May 1996	-

## 03. A. Teaching Experience (latest should be first)

Sl. No	Designation	University/Institution	Period
01	Professor	Dept. of Wildlife and Management, Kuvempu University	28.09.2021 to till date
02	Associate Professor	Dept. of Wildlife and Management, Kuvempu University	28.09.2018 to 27.09.2021
03	Assistant Professor	Dept. of Wildlife and Management, Kuvempu University	28.09.2006 to 27.09.2018
04	Guest Lecturer	Dept. of Environmental Science and Water Management and Water Harvesting , Kuvempu University	4.09.2001 to 27.09.2006

**B. Academic Programs Taught  
M.Sc., and Ph.D**

**C. Courses Taught**

1. Ecology and Ethology
2. Biodiversity and Census Techniques
3. Management of protected areas and Ecotourism
3. Wildlife Conservation and Management
4. Biostatistics
5. Environmental Pollution

Area of Research

1. Wetland and Habitat Ecology
2. Wildlife Conservation and Management
3. Environmental Pollution
4. Biodiversity and Conservation

**05. Publications**

**05.1: Books :**

1. Vijaya Kumara ( 2018), Wildlife Management – Human-wildlife conflicts case studies, College Book House, Bangalore, ISBN: 9789381979808

**05.2: Articles/Papers Published in Edited Books:**

1. Vijaya Kumara and Pramodh, A.F, (2013). Hydrochemistry and phytoplankton in wetlands of Mutthodi range of Bhadra wildlife sanctuary, Mid western Ghat Region, India, Inland water Ecology of India, Editor-Dr. ShashikanthH Majagi, Daya Publishing House, New Delhi, pp-182-189. ISBN 9788170358169 (hard bound) 9789351300700 (International edition)
2. Raghavendra Gowda and Vijaya Kumara, (2012) Study on wetlands of Lakkavalli range of Bhadra Wildlife Sanctuary, Mid western ghat region, Karnataka, Conservation of tropical biodiversity, editors B.B. Hosetti and A.K Chakravarthy, Avishkar publishers and distributors, Jaipur-302 003 (Rajasthan), India, pp;153-265. ISBN: 978-81-7910-390-6,

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**05.3: Study Material Books**

Sl. No	Name of the author/s	Title of the Book/Paper	Programme	Publisher	Year of publication	Pages
1	Vijaya Kumara and E.T.Puttaiah	Paper –I: Introduction to Ecology and	M.Sc Environmental Science (Previous)	Prof. S.A. Bari., Director, Distance Education	2003	216

		Environment		Council, Kuvempu University, Shankarag hatta		
2	E.T.Puttaiah and Vijaya Kumara	Paper-II: Biodiversity conservation and Natural resources management	M.Sc Environmental Science (Previous)	""	2003	<b>168</b>
3	Vijaya Kumara and E.T.Puttaiah	Paper V: Environmental Pollution and monitoring	M.Sc Environmental Science (Final)	""	2004	<b>249</b>
4	E.T.Puttaiah , Vijaya Kumara and Shashi Shekhar, T.R and Kiran, B.R	Practical Manual: Practical – I &II	M.Sc Environmental Science (Previous)	""	2004	<b>87</b>
5	E.T.Puttaiah , Vijaya Kumara and Shashi Shekhar, T.R	Practical Manual: Practical – III &IV	M.Sc Environmental Science (Final)	""	2005	<b>102</b>
6	E.T.Puttaiah , Vijaya Kumara and Purushotha ma, R	Environmental Studies : Chapter – 3: Ecosystem and Biodiversity	B.A./B.Com/B .B.M (Compulsory Subject)	""	2005	-
7	E.T.Puttaiah , Vijaya Kumara and Purushotha ma,R	Parisara Adyayana : Chapter – 3: parisara vyavaste mattu	B.A./B.Com/B .B.M (Compulsory Subject)	""	2005	<b>85- 171</b>

		jeevaividy ate (Kannada Medium)				
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#### 05.4: Research Papers:

1. C Vinay Kumar, Vijaya Kumara, HU Abhijit, GS Naveen Kumar (2024), "Overgrazing effects on seasonal variations in availability of palatable grasses in the foraging grounds of blackbucks *Antilope cervicapra*" *Ecological Frontiers*. Vol.44(3); pp.595-604  
DOI: <https://doi.org/10.1016/j.chnaes.2023.11.004>
2. BS Asha, Vijaya Kumara (2023) "Seasonal diet variation of (*Tetracerus quadricornis*) four-horned antelope in Rangayyanadurga Wildlife Sanctuary, Karnataka, Southern India." *Uttar Pradesh Journal of Zoology*. Vol. 44(7); pp 73-84  
DOI: [10.56557/upjoz/2023/v44i73470](https://doi.org/10.56557/upjoz/2023/v44i73470)
3. Deepak K Phashi, Vijaya Kumara (2023) "Distribution of Cobra (*Naja naja*) in Bhadra Wildlife Sanctuary, Shivamogga District, Karnataka State" *BIOINFOLET-A Quarterly Journal of Life Science*. Vol. 20(4); pp.699-699  
DOI:
4. Ashwini R, Vijaya Kumara (2023)"Bird species richness and habitat guilds at isolated forest patch in Turahalli Minor Forest, Bengaluru, Karnataka, India" *Indian Journal of Forestry*,Vol. 46: 3, Page No. 158-165.  
DOI: <https://doi.org/10.54207/bsmps1000-2023-6RW434>
5. Asha B.S. and Vijaya Kumara (2023), Seasonal diet variation of (*Tetracerus quadricornis*) four horned antelope in Rangayyanadurga wildlife sanctuary, Karnataka, Southern India, *Uttar Pradesh journal of Zoology*, 44 (07), pp 73-84. ISSN 0256-971X(P)  
DOI No.: 10.56557/UPJOZ/2023/v44i73470
6. Ashwini R, Vijaya Kumara (2023) "Status and Diversity of Avifauna at Turahalli minor forest, Bangalore, Karnataka, India" *Advances in Zoology and Botany, Horizon Research Publishing corporation, USA* 11(4): 257-269, 2023 DOI: 10.13189/azb.2023.110403. ISSN: 2332-3205
7. Dhananjaya, R and Vijaya Kumara (2023) "Effects of Sand Mining on Riverine Ecosystem and Otter Habitat in Kudli,Tungabhadra River", *International journal of Ecology, Environment and Conservation*. Vol.29, pp S517-S523. ISSN 0971 – 765X.  
DOI No.: <http://doi.org/10.53550/EEC.2023.v29i01s.079>
8. Vinay Kumar and Vijaya Kumara, (2023), "A Promising Habitat Space for Blackbucks *Antilope cervicapra* Delimited by Declining Open Grassland Tracts and Increasing Tall Vegetations". *International Journal*

- of *Ecology, Environment and Conservation* Vol. 29; pp. (S277-S288). ISSN 0971 – 765X /
9. Asha B.S. and Vijaya Kumara (2022), Distribution of four horned antelope (*Tetracerus quadricornis*) at Rangayyanadurga wildlife sanctuary, Karnataka, Southern India, *Uttar Pradesh journal of Zoology*, 43 (11), pp 51-57.  
DOI no.: <https://www.mbimph.com/index.php/UPJOZ/article/view/3050>.
  10. Dhananjaya, R. and Vijaya Kumara (2022) “Population trends and Status of Smooth-Coated Otters (*Lutrogalepers picillata*) in Tungabhadra River ecosystem, Karnataka” *International journal of Ecology, Environment and Conservation*. Vol.28, pp S401-S407. ISSN 0971 – 765X.
  11. Vinay Kumar and Vijaya Kumara, (2022) “Population Tendencies of Blackbuck *Antilope cervicapra* in Four Consecutive Years at Basur Amruth Mahal Kaval Blackbuck Conservation Reserve, Karnataka”, *International Journal of Ecology, Environment and Conservation*, Vol. 28 , pp. (S72-S76), ISSN 0971 – 765X
  12. Ashwini, R. and Vijaya Kumara, (2022) “Status of Raptors in Turahalli Minor Forest, Bengaluru, Karnataka India” – “*The Indian Forester*”, Volume 148, Issue 10, ISSN: 0019-4816.
  13. Gubbi, S., Kolekar, A., & Kumara, V. (2021 ) Quantifying wire snares as a threat to leopards in Karnataka, India. *Tropical Conservation Science*. Volume-14, pp 01-08, ISSN: 1940-0829  
<http://dx.doi.org/10.1177/19400829211023264> UGC Care List –II
  14. VijayaKumar K.M and VijayaKumara (2021), Study on Avifaunal Diversity of four different Mangrove regions of Kundapura, *International Journal of Scientific Engineering and Applied Science (IJSEAS)* – Volume-7, Issue-4, pp 205-2011, ISSN: 2395-3470
  15. Vijaya Kumara, Abshisheka, Thammaiah C. K. (2020), Human-Elephant Conflicts in Coffee Based Agroforestry System in Mudigere Taluk Chikamagalur District Karnataka, *Environment and Ecology* 38 (4) : 771—776, ISSN 0970-0420. UGC Care List –II
  16. VijayaKumar K.M and VijayaKumara (2020), Physico-Chemical Analysis of Mangrove Soil, Kundapura, Karnataka, India, *Current World Environment*, Vol. 15, No. (3), Pg. 624-631, ISSN: 0973-4929, UGC Care List –I
  17. Sanjay Gubbi, Koustubh Sharma and Vijaya Kumara (2020), Every hill has its leopard: patterns of space use by leopards (*Panthera pardus*) in a mixed use landscape in India, *Peer J Life and Environment ( Biodiversity and Conservation)*, DOI 10.7717/peerj.10072, ISSN: 2167-8359, Preprints ISSN: 2167-9843. UGC Care List –II
  18. Sanjay Gubbi , Aparna Kolekar & Vijaya Kumara (2020), Policy to On-ground Action: Evaluating a Conflict Policy Guideline for Leopards in India, *Journal of International Wildlife Law & Policy*, Routledge, Taylor and Francis Group, Vol. 23:2, 127-140, DOI: 10.1080/13880292.2020.1818428, Print ISSN: 1388-0292 Online ISSN: 1548-1476. UGC Care List II
  19. Sanjay Gubbi , Aparna K Olekar , Pallabi Chakraborty and Vijaya Kumara (2019), Big cat in well: an unconventional threat to leopards in southern

India, Oryx – The International Journal of Conservation, Fauna & Flora International, The David Attenborough Building, Pembroke Street, Cambridge, Page 1 of 4 © 2019 ISSN / eISSN: **0030-6053 / 1365-3008**doi:10.1017/S0030605319000280. UGC Care list II

20. Prashanth P.K.M, Vijaya Kumara and Pramod Subbarao (2019). Community-based approaches to manage forest fires in Uttara Kannada, Yellapura division, Karnataka – a success story, International journal of Environment, Ecology, Family and Urban studies, Vol-10, (1) (p). pp-13 – 23,. ISSN 2321-0109(e), 2250-0065Sl. No. in UGC Listed Journal: 63946
21. Sanjay Gubbi, Srikanth Sheshadri, Vijaya Kumara and Suresh Chandra, K (2019). Counting the unmarked: Estimating animal population using count data, Electronic Journal of Applied Statistical Analysis, Vol. 12, Issue 03, November 2019, 604-618, e-ISSN: 2070-5948 DOI: 10.1285/i20705948v12n3p604, UGC Care list II
22. Harish, M.N, Harish Prakash, B.B. Hosetti and Vijaya Kumara (2019). Diversity of the butterflies of the Shettihalli Wildlife Sanctuary, Shivamogga district, Karnataka, India, Journal of Threatened Taxa, 11(10), 14349-14357. e ISSN 0974-7907, p ISSN:0974-7893. UGC Care list II
23. Asha, B.S and Vijaya Kumara (2019). Awareness towards natural environment through education,. International journal of research and analytical review, Special issue, pp – 910-912, e ISSN 2348-1269, p ISSN:2349-5138. Sl. No. in UGC Listed Journal: 43602
24. Thammaiah, C.K. and Vijaya Kumara (2018). Spatial –Temporal stakeholder’s tolerance, intolerance level towards Elephant conflicts in coffee agroforestry land use in Kodagu district, Karnataka, India. International journal of advanced scientific research management, Vol-3, (9) pp-176 – 180. ISSN: 2455-6378. Sl. No. in UGC Listed Journal: 63502
25. Thammaiah, C.K. and Vijaya Kumara (2018). Elephant conflict hotspots in coffee agroforestry in Kodagu district, Karnataka. International journal of Environment, Ecology, Family and Urban studies, Vol-8, (5). ISSN 23210109, 22500065. Sl. No. in UGC Listed Journal: 63946
26. Vijaya Kumara and Lewis Diandra, (2018). Study on human-macaque conflict in the Hosanagara taluk of Shivamogga district, Karnataka. International journal of life sciences, Vol-6 (2), pp 605-614, ISSN: 2320-7817(p)/ 2320-964X(o). Sl. No. in UGC Listed Journal: 48951
27. Vijaya Kumara and Yashaswini, M.P., (2018). Study on human-wildlife interactions at surroundings of protected areas. International journal of zoological studies, Vol-3 (2), pp 54-58, ISSN:2455-7269. Sl. No. in UGC Listed Journal: 64528
28. Shrinivas K.R and Vijaya Kumara, (2018). Local Ecological Knowledge (LEK) Surveys to find the spatial distribution of Malabar Pied Hornbill (*Anthracoceros coronatus*) and their familiarity in the Western Ghats region of Karnataka, Journal of Environmental Science, Computer Science

and Engineering & Technology, Sec. A; Vol.7. No.1, 097-102.  
E-ISSN: 2278-179X Sl. No. in UGC Listed Journal: 47383

29. Shrinivas K.R and Vijaya Kumara, (2018). Variations in the assemblage of malabar pied hornbills at different roosting sites in Shettihalli wildlife sanctuary, western ghats, Karnataka, International Journal of Creative Research Thoughts – IJCRT, Vol-6 (1), pp1411-1416. Impact Factor: 5.97, ISSN: 2320-2882 Sl. No. in UGC Listed Journal: 49023
30. Raghavendra Gowda, H.T and Vijaya Kumara (2017). Species composition and seasonal fluctuation of zooplankton in Koramagudda kere, Lakkavalli range of Bhadra Wildlife sanctuary, Karnataka, India, International journal of life sciences, 6 (3), 108-111. ISSN: E-2277-193x. 2320964X, 23207817
31. Raghavendra Gowda, H.T and Vijaya Kumara (2017). Phytoplankton diversity and seasonal variations of Koramagudda kere, Lakkavalli range of Bhadra Wildlife sanctuary, Karnataka, India, Global journal of current research (Indian Journal of Current Reserach), 5 (1), 22-26. ISSN: 2320-2920. 23479213
32. Raghavendra Gowda, H.T, Vijaya Kumara and Shraddhavagdama (2017). Preliminary assessment of population, species variation and habitat preference of some insects in Kuvempu University campus, India, Global journal of current research (Indian Journal of Current Reserach),, 5 (1), 32-40. ISSN: 2320-2920. 23479213
33. Raghavendra Gowda, H.T and Vijaya Kumara (2017). Seasonal variations of physico chemical characteristics of water in Koramagudda lake, Lakkavalli range of Bhadra Wildlife sanctuary, Mid-western ghat region, India, International research journal of basic and applied sciences, 6 (3), 118-124. ISSN: 2277-1921. 2251838X
34. Raghavendra Gowda, H.T and Vijaya Kumara (2017). Physico chemical properties of wetland soils in Lakkavalli range of Bhadra Wildlife sanctuary, Karnataka, India, International journal of Environmental Sciences, 6 (3), 72-77. ISSN: 2277-1948. 09764402
35. Vinayaka, K.S., Pramod, A.F., Vijaya Kumara and Prashith Kekuda, T.R. (2016). Vegetation analysis of Ammanaghatta Sacred forest of central western Ghats, Karnatka, International Journal of Life Sciences Leaflets, Vol. no. 74, 1-11. ISSN 2277-4297.
36. Vijaya Kumar.K.M and Vijaya Kumara (2015). Diversity and distribution of mangroves of Kundapura, Udupi district, Karnataka, southwest coast of India, ISCA International research journal of Environmental sciences, 4(3), 1-11. ISSN 2319-1414

37. Vijaya Kumar.K.M and Vijaya Kumara (2014). Species diversity of birds in mangroves of Kundapura, Udupi District, Karnataka, Southwest Coast of India, Journal of forestry Research, Springer Berlin Heidelberg, 25(3) 661-666, DOI10.1007/s11676-014-0450-5 Print ISSN 1007-662X Online ISSN 1993-0607
38. Vijaya Kumar.K.M and Vijaya Kumara (2013). Physico-Chemical Analysis of Water Quality Of Kundapura Mangrove Forest, Karnataka, India, Global Journal of Biology, Agriculture and health sciences, 2(3):111-118, ISSN 2319-5584. [www.gifre.org](http://www.gifre.org)
39. Prashanth P.K.M, Vijaya Kumara and A.F. Pramodh (2013). Estimation of Indian Bison, *Bos gaurus* in varied forests of the Mookambika Wildlife Sanctuary, Western Ghats, Karnataka, India, Current Biotica 7(1&2): 68-78, ISSN 0973-4031
40. Raghunatah Reddy K.R and Vijaya Kumara ( 2013). Characterization of estrogenic endocrine disrupters in sewage effluent fed water Bodies in Bengaluru, Karnataka, India, Global R J Pharm Sci. 2(3): 1-5, ISSN- 2319-877X
41. Raghunatah Reddy K.R and Vijaya Kumara (2013). Behavioural and Respiratory Responses of the Mozambique Tilapia (*Oreochromis mossambicus*) under Sublethal 17 $\alpha$ -Ethinylestradiol Exposure, International Journal of Pharmaceutical & Biological Archives 2013; 4(5): 884 – 888, ISSN 0976 – 3333 International
42. Prashanth P.K.M, Vijaya Kumara and A.F. Pramodh (2013). Man - Animal conflicts in protected areas, a case study of Gaur, *Bos Gaurus* H Smith from the Mookambika wildlife sanctuary, Kollur, Karnataka, India, Int.J.Curr.Microbiol.App.Sci 2(12): 466-475, ISSN: 2319-7706
43. Prashanth P.K.M, Vijaya Kumara and S Thirumala (2013). Quality of the food and diet composition in Indian Bison (*Bos gaurus*) based on fecal analysis in Mookambika wild life sanctuary, Karnataka, Int J Appl Sci Biotechnol, Vol 1(4): 240-246, ISSN:2091-2609., International
44. Vijaya Kumar.K.M and Vijaya Kumara (2013). Physico-Chemical Analysis of Water Quality of Kundapura Mangrove Forest, Karnataka, India, Global Journal of Biology, Agriculture and Health Sciences, Vol.2(3):111-118 ISSN: 2319 – 5584
45. Jagadeeshappa K.C and Vijaya Kumara (2013). Influence of physico-chemical parameters on the diversity of plankton species in wetlands of Tiptur taluk, Tumkur dist, Karnataka State, India. Carib.J.Sci Tech, Vol.1,185-193, ISSN 0799-3757 International



46. Jagadeeshappa K.C and Vijaya Kumara (2013), Seasonal variation of physico-chemical parameters of water in Vignasanthe wetland of Tiptur taluk, Tumkur dist, Karnataka, Journal of Nature Environment and Pollution technology, 12(1):115-119, ISSN:0972-6268., International
47. Pramod A.F, Vijaya Kumara and Raghavendra Gowda H.T, (2012), Encounter rate of large mammals in Thanigebyle range of Bhadra wildlife sanctuary, Karnataka, International Multidisciplinary Research Journal, 2(9):9-11; ISSN: 2231-6302.
48. Vijaya Kumar.K.M and Vijaya Kumara (2012). Diversity of true mangroves and their associates in the Kundapura region, Udupi district, Karnataka, Southwest coast of India. Current Botany, 3(2): 03-09 ISSN: 2220-4822. <http://currentbotany.org/>
49. Vijaya Kumara, Pramod, A.F. and Raghavendra Gowda, H.T (2012) Exploration of Floristic diversity of Hogarekhangiri – A biodiversity Heritage site of Western ghats, Karnataka, Kuvempu University Science Journal, 4 : 73-82. ISSN:2277-9523.
50. Vijaya Kumara and Vijaya Kumara K.M. (2011). Evaluation of water quality of mangrove ecosystems of Kundapura, Udupi district, Karnataka, Southwest coast of India. Journal of Ecobiotechnology, 3 (12):23-29. ISSN:2077-0464. <http://journal-ecobiotechnology.com>.
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53. Kadabagere R Shrinivas and Vijaya Kumara (2011) Avifauna distribution in the shoal-forests of Baba Budan Hills, Chikkamagalur, Karnataka, India, Journal of Biodiversity and Environmental Sciences (JBES), Vol. 1, No. 6, p. 118-127, - ISSN: 2220-6663. <http://www.innspub.net>
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55. Pramodh, A.F. and **Vijaya Kumara**, (2011). Seasonal Variation of Physico-chemical characteristics of water in wetlands of Bhadra Wildlife

Sanctuary, Karnataka, Journal of Ecology and Fisheries, 4(2):47-58, ISSN: 0974-6323.

56. Pramodh, A.F., **Vijaya Kumara**, and Raghavendra Gowda H.T. (2011). A Study on physico-chemical characteristics of water in wetlands of Hebbe Range in Bhadra Wildlife Sanctuary, Mid Westernghat Region, India, Journal of Experimental Sciences, 2(10):9-15, ISSN: **2218-1768**.
57. **Vijaya Kumara**, Raghavendra Gowda, H.T and Pramodh, A.F. (2011). Diversity and dominance of flora around wetlands in Lakkavalli range of Bhadra Wildlife Sanctuary, Karnataka, International Multidisciplinary Research Journal, 1(6):22-28, ISSN: **2231-6302**.
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60. Kiran, B.R. **Vijaya Kumara** and Puttaiah, E.T.(2009). Medicinal Plants used for beauty treatment in Bhadravathi taluk of Karnataka, My forest, Vol. 45(1),27-32.
61. Jai Prakash,N., **Vijaya Kumara** and Puttaiah, E.T. (2009). Fluoride and chloride distribution in ground waters of Magadi taluk, Bangalore rural district, J.Ecotoxicol.Environ.Monit., 19 (1) 01-06.– ISSN: 0971-0965.
62. Jai Prakash, N., **Vijaya Kumara** and Puttaiah E.T., (2008). Nitrate Contamination in ground waters of Magadi Taluk, Near Bangalore J. Ecobiol. 23 (2): 197-200. ISSN 0970-9037
63. **Vijaya Kumara**, B.R.Kiran, S. Raghavendra and Puttaiah, E.T. (2008). Plant Diversity in Bhadravathi region of Karnataka, India. Internat. J. Plant Sci., Vol. 3 (1): 213-216.
64. Jai Prakash, N., **Vijaya Kumara**, Satish N.S. and Puttaiah E.T., (2007). Bacteriological status of ground water quality of Chikmagalur area, Karnataka J. Aqua. Biol., Vol. 22 (1): 89-92.ISSN; **0971-4235**
65. **Vijaya Kumara**, Jai Prakash, N., Harish Babu K. Narayana J. and Puttaiah, E.T. (2007). Subsurface water quality in and around Bhadravathi

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66. **Vijaya Kumara**, Harish Babu, K., Kiran.B.R, Jai Prakash, N. and Puttaiah, E.T. (2007). Biotic diversity in Hosur tank near Bhadravathi town, Karnataka. Kuvempu University Science Journal, Vol- 4 (1): 106-109.
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68. Jaiprakash, N., **Vijaya Kumara**, and Puttaiah E.T. (2007). Fluoride distribution in groundwaters of Magadi taluk, Bangalore, rural district of Karnataka, Current Sciences, 10(1): 279-282.
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#### Articles submitted for publication

1. Influences of prey and anthropogenic pressure on leopard population density across a management gradient (MAMMAL-21-36) has been submitted by Dr Sanjay Gubbi to Mammal Review, journal of the Mammal Society.

#### Popular articles published in Monthly Science magazine

1. Vijaya Kumara (November, 2018) Human elephant conflicts – A case study at Coorg, Karnataka, *Enviroworld*, vol-2(6):23-24.
2. Vijaya Kumara and Yashaswini, M.P (January, 2019) Wild animals co-existing with humans, *Enviroworld*, vol-2(8):25.

3. Vijaya Kumara and Yashaswini, M.P (February, 2019) Wildlife conservation through the eyes of young minds, *Enviroworld*, vol-2(9):24-25.
4. Vijaya Kumara and Yashaswini, M.P (March, 2019) Insights of wildlife, *Enviroworld*, vol-2(10):24-25.
5. Vijaya Kumara (April, 2019) Forest fire in Karnataka, *Enviroworld*, vol-2(11):08
6. Vijaya Kumara and Yashaswini, M.P (May, 2019) The motto of animal life, *Enviroworld*, vol-2(12):12.
7. Vijaya Kumara and Yashaswini, M.P (June, 2019) Why do we need wildlife?, *Enviroworld*, vol-3(1):19-20.
8. Vijaya Kumara and Yashaswini, M.P (July, 2019) Bridging the wildlife, *Enviroworld*, vol-3(2):19-20.
9. Vijaya Kumara and Yashaswini, M.P (August, 2019) Anthropomorphize to conserve wildlife, *Enviroworld*, vol-3(3):19-20.
10. Vijaya Kumara and Yashaswini, M.P (October, 2019) Wildlife week 2019, *Enviroworld*, vol-3(5):14-15.
11. Vijaya Kumara and Yashaswini, M.P (December, 2019) Wild animals or vermin?, *Enviroworld*, vol-3(7):17-18.
12. Vijaya Kumara and Yashaswini, M.P (February, 2020) Effects of climate change on wildlife, *Enviroworld*, vol-3(9):23-24.
13. Vijaya Kumara and Yashaswini, M.P (January, 2020) Life of sloth, *Enviroworld*, vol-3(8):17-18.

**05.5: Research Paper published in the Proceedings of the seminar/  
Conferences/ Symposium:**

1. Shrinivas, K and Vijaya Kumara ( 2011). Distribution of avifauna diversity in the shoal forest-grassland complex of Baba Budan hills, Chikmagalur, Karnataka, India, *Proceedings of the First international conference on Indian Ornithology (ICIO) – 2011*, P-241, Sacon, Coimbatore, India
2. Vijaya Kumara and Pramod, A.F. (2010). Seasonal variation of physico-chemical characteristics of water in wetlands of Bhadra Wildlife Sanctuary, *Proceedings of the International Conference on Water, Plumbing, Sanitation and Health: Issues and challenges – A Transdisciplinary Approach (ICWPSH-2010)*, (p-133-140). K.C Publishers, Bangalore.
3. Raghavendra Gowda, H.T. and **Vijaya Kumara**. (2008). A survey of Phytoplankton taxa from two types of wetlands in Lakkavali Range of Bhadra Wildlife Sanctuary, Karnataka, *Proc. of International Conference on Sustainable Agriculture*, CMS College, Kottayam, Kerala, (p-130 - 135)

#### 05.5: Research abstracts published in the Proceedings of the Conference:

1. Vijaya Kumara and M.N. Divya (2015). Studies on physicochemical characteristics and diversity of plankton in selected perennial wetlands of Chikmagalur district, Karnataka, International symposium on Biodiversity, Agriculture, Environment and Forestry 11-12 December, 2015, Organized by Association for the advancement of biodiversity Science at Ooty, Tamilnadu.
2. Shrinivas, K.R and Vijaya Kumara (2015). Local ecological knowledge (LEK) surveys to find the distribution of Malabar pied hornbill (*Anthraceras coronatus*) and their familiarity in six taluks of mid western ghat region, Karnataka, International symposium on Biodiversity, Agriculture, Environment and Forestry 11-12 December, 2015, Organized by Association for the advancement of biodiversity Science at Ooty, Tamilnadu.
3. Raghunatha Redy, K.R and Vijaya Kumara (2014). Characterization of estrogenic endocrine disrupters in sewage effluent fed water bodies in Bangalore, Karnataka, India Book of abstracts –National conference on Biodiversity conservation and Sustainable Management (BCSM -2014); March 25<sup>th</sup> and 26<sup>th</sup>, 2014, Dept. of Applied Zoology, Kuvempu University. P.No-41.
4. Vijaya Kumara and Pramod, A.F ( 2014) Conservation issues and Major threats to wetlands of Bhadra wildlife sanctuary, Karnataka, India Book of abstracts –National conference on Biodiversity conservation and Sustainable Management (BCSM -2014); March 25<sup>th</sup> and 26<sup>th</sup>, 2014, Dept. of Applied Zoology, Kuvempu University. P.No-40.
5. Shrinivasa K and Vijaya Kumara, ( 2014), Assessing and comparing two tropical wetland habitats with respect to the avian diversity, India Book of abstracts –National conference on Biodiversity conservation and Sustainable Management (BCSM -2014); March 25<sup>th</sup> and 26<sup>th</sup>, 2014, Dept. of Applied Zoology, Kuvempu University. P.No-23.
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7. Floral and avifaunal diversity of mangroves of Kundapura, Udupi district, Karnataka, Southwest coast of India, India Book of abstracts –National conference on Biodiversity conservation and Sustainable Management (BCSM -2014); March 25<sup>th</sup> and 26<sup>th</sup>, 2014, Dept. of Applied Zoology, Kuvempu University. P.No-17.
8. Raghunatha Redy, K.R and Vijaya Kumara (2012). Safety assessment of polyherbal combination in *Sprague Dawley* rats on repeated exposure through oral route. Abstracts & Souvenir –National conference on New frontiers in Animal Science, April 9<sup>th</sup> and 10<sup>th</sup> 2012, Dept. of Applied Zoology, Kuvempu University. P.No-60.

9. Vijaya Kumara, K.M and Vijaya Kumara (2012). Checklist of avifauna in and around mangrove ecosystem, Kundapura, Udupi district, Karnataka, India. Abstracts & Souvenir –National conference on New frontiers in Animal Science, April 9<sup>th</sup> and 10<sup>th</sup> 2012, Dept. of Applied Zoology, Kuvempu University. P.No-62.
10. Shrinivas K.R., Vijaya Kumara, and Thammaiah, C.K (2012). Population estimation of Malbar pied hornbill in Shimoga range of Shettihalli Wildlife Sanctuary, Karnataka, India. Abstracts & Souvenir –National conference on New frontiers in Animal Science, April 9<sup>th</sup> and 10<sup>th</sup> 2012, Dept. of Applied Zoology, Kuvempu University. P.No-64.
11. Harish Prakash, Vijaya Kumara, B.B.Hosetti, Joseph J. Erinjery and Mewa Singh (2012). Preliminary ethological study of bonnet macaque (*macaca radiata*) in Kuvempu University, Shimoga district. Abstracts & Souvenir – National conference on New frontiers in Animal Science, April 9<sup>th</sup> and 10<sup>th</sup> 2012, Dept. of Applied Zoology, Kuvempu University. P.No-88.
12. Pramodh, A.F., Vijaya Kumara and Raghavendra Gowda, H.T. (2012). Encounter rate of large mammals in Thanigebyle range of Bhadra wildlife sanctuary, Karnataka. Abstracts & Souvenir –National conference on New frontiers in Animal Science, April 9<sup>th</sup> and 10<sup>th</sup> 2012, Dept. of Applied Zoology, Kuvempu University. P.No-91.
13. Raghavendra Gowda, H.T., Vijaya Kumara and Pramodh, A.F. (2012). Zooplankton community in wetlands of Bhadra wildlife sanctuary. Abstracts & Souvenir –National conference on New frontiers in Animal Science, April 9<sup>th</sup> and 10<sup>th</sup> 2012, Dept. of Applied Zoology, Kuvempu University. P.No-98.
14. Vijaya Kumara and Pramodh, A.F. (2012). Diversity of birds in Ammanaghatta area, Central Western Ghats, Hosanagar, Karnataka. Abstracts & Souvenir –National conference on New frontiers in Animal Science, April 9<sup>th</sup> and 10<sup>th</sup> 2012, Dept. of Applied Zoology, Kuvempu University. P.No-99.
15. Vijaya Kumara and K.M. Vijaya Kumara (2011) “ Studies on mangroves of Kundapura taluk, Udupi district” in proceedings of National Conference on Global climate change: Perspectives and Challenges organized by Dept. of Environmental Science, Kuvempu University, Shankaraghatta on 23<sup>rd</sup> and 24<sup>th</sup> March 2011. pp. 105.
16. Vijaya Kumara, Raghavendra Gowda, H.T and Pramodh, A.F (2011) “ Man and Elephant conflict” in proceedings of National Conference on Global climate change: Perspectives and Challenges organized by Dept. of Environmental Science, Kuvempu University, Shankaraghatta on 23<sup>rd</sup> and 24<sup>th</sup> March 2011. pp. 54.
17. Jagadeeshappa, K.C, Vijaya Kumara and Raghavendra Gowda, H.T (2011) “ Hydrochemistry of Sugur kere, Tiptur taluk of Tumkur district, Karnataka” in proceedings of National Conference on Global climate change: Perspectives and Challenges organized by Dept. of Environmental Science, Kuvempu University, Shankaraghatta on 23<sup>rd</sup> and 24<sup>th</sup> March 2011. pp. 18.
18. Vijaya Kumara and Pramodh, A.F “Seasonal variation of physico-chemical characteristics of water in wetlands of Bhadra Wildlife



- Sanctuary” in Proceedings of International conference on Water, Plumbing sanitation and health: Issues and challenges – A Transdisciplinary approach, organized by Department of Civil Engineering and Department of Zoology, Bangalore University, Bangalore on 4-5<sup>th</sup> October 2010. pp-133-140
19. Vijaya Kumara and Pramodh, A.F “ A study on physico-chemical characteristics of wetlands in Bhadra Wildlife Sanctuary” in proceedings of International conference on Environmental Pollution, water conservation and health, organized by Department of Zoology, Bangalore University, Bangalore on 29-31<sup>st</sup> July 2010.
  20. Vijaya Kumara and Pramodh A.F “ Avifunal diversity in Ammanaghatta Forest Area of Shimoga district, Karnataka” in proceedings of UGC Sponsored two days national seminar on “ Conservation & Sustainable development of ecosystem in Western Ghats’ organized by Department of Botany, Sahyadri Science College (Autonomous), Shivamogga – 577 203 on 25<sup>th</sup> and 26<sup>th</sup> of March 2010.
  21. Vijaya Kumara, Raghavendra, H.T and Pramodh, A.F., Overview of wetlands of the Bhadra Wildlife Sanctuary, Mid Western Ghat Region, Karnataka: Threats, Management and Conservation Issues, Proc. Of State level conference on Recent Advances in Environmental Science and Engineering, RAESE-2009, Dept. of Biotechnology, Shridevi Institute of Engineering and Technology, Tumkur, 16<sup>th</sup> and 17<sup>th</sup> October 2009, pp – 39.
  22. Vijaya Kumara and Raghavendra, H.T., Biotic diversity in two wetlands of Bhadra Wildlife Sanctuary, Karnataka, Proc. Of National conference on BSBC – 2008, Dept. of applied zoology, Kuvempu University, 13-15<sup>th</sup> March, 2008, pp. 66.
  23. Raghavendra Gowda H.T and Vijaya Kumara An ecological study on phytoplankton of Bhadra Reservoir backwater in Lakkavalli range of Bhadra wildlife sanctuary, karnataka, Proc. Of National conference on BSBC – 2008, Dept. of applied zoology, Kuvempu University, 13-15<sup>th</sup> March, 2008, pp. 62.
  24. Pramodh a.F, Vinayaka, K.S, Mohan Kumar B.K and Vijaya Kumara, Diversity of tree species in Ammanaghatta Sacred groove, Hosanagara, Shimoga, Proc. Of National conference on BSBC – 2008, Dept. of applied zoology, Kuvempu University, 13-15<sup>th</sup> March, 2008, pp. 65.
  25. Vijaya Kumara, Harish Babu, K and E.T.Puttaiah, The impact of agricultural activities on river banks on water quality of the river Tunga. Proc. of International Conference on climate change and water crisis, Bishop Moore College, Mavelikara, Kerala, February 4<sup>th</sup> to 6<sup>th</sup>, 2008, pp-48.
  26. Raghavendra Gowda, H.T. and **Vijaya Kumara**, Large mammal census by line transect method in a dry deciduous forests of Lakkacalli range of Bhadra Wildlife Sanctuary, Karnataka, Proc. Of Int. con. on sustainable agriculture, CMS College, Kottayam, 6-7 February 2008, pp 21.
  27. Raghavendra Gowda, H.T. and **Vijaya Kumara**, Large mammal census by line transect method in a dry deciduous forests of Lakkavali Range of Bhadra Wildlife Sanctuary, Karnataka, Proc. of International Conference

- on climate change and water crisis, Bishop Moore College, Mavelikara, Kerala, February 4<sup>th</sup> to 6<sup>th</sup>, 2008, pp-68.
28. Raghavendra Gowda, H.T. and **Vijaya Kumara**, A survey of Phytoplankton taxa from two types of wetlands in Lakkavali Range of Bhadra Wildlife Sanctuary, Karnataka, Proc. of International Conference on Sustainable Agriculture, CMS College, Kottayam, Kerala, 6<sup>th</sup> to 7<sup>th</sup> February, 2008, pp-130 -135
  29. Raghavendra Gowda, H.T. and **Vijaya Kumara**, A preliminary survey of phytoplankton in Anegundi kere and Ramannana kere of Lakkavali Range of Bhadra Wildlife Sanctuary, Karnataka, Proc. of International Conference on Biodiversity Conservation and Management (BIOCAM 2008), Cochin University of Science nad Technology, Cochin, Kerala, February 3<sup>rd</sup> to 6<sup>th</sup>, 2008, pp-.
  30. K. Harish Babu, **Vijay Kumar**, S. Sunil Kumar, T. R. Shashi Shekhar and E. T. Puttaiah. Status of ground water quality in tarikere taluk, Chikmagalore, Karnataka. Proc of National conference on Chemical Sciences for industry and Society. pp 32, 2007.
  31. S. Prakash Naik, S. Sunil Kumar, S. **Vijay Kumara**, E. T. Puttaiah and K. M. Mahadevan. Characterization of Textile industrial effluent and enumeration of strategic techniques for its effective colour removal. Proc of National conference on Chemical Sciences for industry and Society. pp 34, 2007.
  32. **Vijaya Kumara**, J. Narayana, S. Manjappa and E.T.Puttaiah, Ground Water Quality of Shimoga Town, Karnataka State, proceedings of National seminar on EPCR-04, UBDT Engineering college, Davanagere, pp.116, 2004
  33. Puttaiah E.T. **Vijaya Kumara** and J. Narayana “Quality assessment of surface and subsurface water of Bhadra river basin near Bhadravathi town, Karnataka” Proceedings of Ecovision 2003, seminar on Current Environmental issues, Coimbatore, 2003.
  34. **Vijaya Kumara**, J.Narayana and E.T. Puttaiah, “Ground water quality in Shimoga district, Karnataka state”, proceedings of International seminar on Hydrology and watershed management, JNT University, Hyderabad, 2002.
  35. **Vijaya Kumara**, J.Narayana and E.T. Puttaiah “Study on subsurface water quality in Bhadravathi town of Karnataka” proceedings of national seminar on Environmental awareness, Education and Management for sustainable rural development (NSERD), 2002, Dept. of Environmental Science, Sri. Venkateswara University, Tirupathi
  36. K. Harish Babu, E.T. Puttaiah and **Vijaya Kumara** “ Hydrochemistry and quality assessment of ground water in Tarikere taluk, Karnataka” proceedings of national seminar on Environmental awareness, Education and Management for sustainable rural development (NSERD), 2002, Dept. of Environmental Science, Sri. Venkateswara University, Tirupathi.
  37. **Vijaya Kumara**, J.Narayana and E.T. Puttaiah “Ground water quality and its management under different land use cover in Shimoga district, Karnataka, India” proceedings of International workshop on integrated

water management, International Ecological Engineering society and Bangalore University, 2001.

38. **Vijaya Kumara**, J.Narayana and E.T. Puttaiah, “Hydrochemistry and quality assessment of ground water in Bhadravathi industrial area, Karnataka” proceedings of national seminar on Environmental hazards and management, 2001, Dept. of Environmental Science, University of Mysore, Mysore.

## 06. Research Guidance

### 06.1: Ph.D (Completed)

Sl. No	Title of the Thesis	Name of the Candidate	Year of award
1	Mr. Raghavendra Gowda,H.T.	Ecobiological studies on some selected wetlands in Lakkavalli range of Bhadra Wildlife Sanctuary	2011
2	Mr. Pramodh, A.F	“Studies on the wetlands of Bhadra Wildlife Sanctuary”	2013
3	Sri. K.C. Jagadeeshappa	Studies on wetlands of Tiptur taluk with special reference to water and sediment quality	2014
4	Mr. Vijaya Kumar, K.M	Ecological Studies on Mangroves of Kundapura with special reference to Avifauna	2015
5	Mr. K. R. Raghunatha Reddy	“Impact of steroid hormone residues on Mozambique Tilapia ( <i>Oreochromis mossambicus</i> )”	2015
6	Mr. Prashantha, P.K. M	Studies on conservation status and habitat use of Indian Bison ( <i>Bos gaurus</i> ) in Mookambika Wildlife Sanctuary, Western Ghats, India.	2016
7	Mr. Srinivas K.R	Studies on ecology and conservation strategies of Malabar pied Hornbill <i>Anthracoceros coronatus</i> (boddaert) in the Western Ghats region of Karnataka State  Reg no-69	14/10/2019

8	Sri.Thammaiah C.K	Human –elephant conflict in coffee based agroforestry ecosystem of Kodagu district, Karnataka”  210/13-01-2015	20 July 2020
9	Mr. Sanjay Gubbi	Ecology and conservation of leopards in protected and multiple use forests in Karnataka  364/ 31/08/2016	12 October 2020
	Ecological studies on four-horned Antelope ( <i>Tetracerus quadricornis</i> ) At Rangayyanadurga Wildlife Sanctuary, Karnataka.	Miss. Asha B.S	323/05-04-2016
	Studies on avifauna as bioindicators of forest habitat at Bannerghatta National Park, Bengaluru	Mrs. Ashwini, R.	324/05-04-2016
	Farmer- monkey conflict in Uttara Kannada District: situation and mitigation measures	Shridhar, D.Bhat	393/ 11-09-2017
	Ecology and Conservation of Blackbuck <i>Antelope cervicapra</i> in Basur Amruth Mahal Kaval Conservation Reserve, Karnataka”.	Vinay Kumar, C	391/11-09-2017
	Studies on Ecobiology of Smooth-Coated Otter ( <i>Lutrogale Perspicillata</i> ) in Tungabhadra river system, Karnataka	Mr. Dhananjay R	392/ 11-09-2017

	Study on Human-Wildlife conflicts and mitigation measures amidst Agriculture dominated Landscape with special reference to Tiger & Elephants in Kodagu District, Karnataka	Mrs. Roshini A.J	885/ 02-09-2021
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### 06.2: Ph. D (Ongoing)

Sl. No	Title of the Thesis	Name of the Candidate	Date of Registration and Number
1			
2			
3			
4			
5			
6			
7	A study on effect of enclosure and enrichment on behaviour of Sloth Bear ( <i>Melursus ursinus</i> ) in captivity.	Mr. Chethan K.V	884/ 02-09-2021
8	A Study on stability of Tiger Populations in protected areas of South Karnataka, with specific focus on the protected zone and the surrounding areas, in relation with Human-Wildlife conflicts	Mr. Harsha P.S	06/ 12-07-2022
9	Population, Breeding Phenology, and Factors affecting Breeding success of River Tern ( <i>Sterna aurantia</i> ) in Islands of Bhadra Tiger Reserve	Mr. Karthik N.J	07/ 12-07-2022

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### 06.3: Student Project Guidance (provide the total number): 54

**10 Students for their Master Degree in Environmental Science and Water Management and Water Harvesting**

## 44 Students their Master Degree in Wildlife and Management

### 07. Research Projects ( Completed)

Sl. No	Investigator/ Co-investigator	Title of the Project	Funding Agency	Amount	Man Power appointed /Trained	Duration and Status
01	Investigator	“Ecological Studies on some wetlands of Bhadra wildlife Sanctuary ”	Kuvempu University	Rs. 38,000/-	-	10 months – completed ( 2007-08)
02	Investigator	“Ecological studies on wetland ecosystem of Bhadra wildlife sanctuary, Mid Western Ghat region, Karnataka”	UGC	Rs. 9.4 lakhs	One Project fellow	Three Years (May 2009 to April 2012) Completed Submitted the Report to UGC on July 2012
03	Co-ordinator	Peoples Biodiversity Registers of Gramapanchayaths of Bhadravathi Taluk	Karnataka Biodiversity Board and Forest Department	Rs. 6 Lakhs	11 Project fellows	Jan 2015 to Jan 2016 One year

### Research Projects (On-going)

Sl. No	Investigator/ Co-investigator	Title of the Project	Funding Agency	Amount	Man Power appointed /Trained	Duration and Status
01	Investigator	Human –elephant conflict in coffee based agroforestry ecosystem of Chikmagalur district, Karnataka”	VGST, Govt. of Karnataka KFIIST Level - 1	40 Lakhs	-	Four years Ongoing

### 08. Conferences, Seminars, Training Programmes, Refresher courses, etc., Organized

Sl. No	Name of the Conference/Symposia/Seminar	Level (University/State/National/International)	Date(s)	Number of participants	Remarks
01	First Refresher Course in Wildlife and Management	National	10.11.2008 to 30.11.2008	26	Convenor
02	Prouda shala makkaligagi vaijnanika Sinchana	District level	17.12.2009	600	Convenor
03	One day seminar on "Strategies for Biodiversity conservation and Management"	National	6 <sup>th</sup> May 2010	100	Convenor
04	Prouda shala makkaligagi vaijnanika Sinchana	District level	7.12.2011 and 8.12.2011	800	Convenor
05	Orientation programme for High School science teachers of Chikmagalure and Shimoga districts on Science education and its importance	District level	14.02.2012	95	Convenor
06	Kuvempu University Silver Jubilee Science/Arts /Culture/ Sports Exhibition	University departments level	16.02.2012 to 19.02.2012	12000	Convenor
07	National conference on New Frontiers in Animal Science	National	9.04.2012 to 10.04.2012	175	Convenor
08	National conference on Biodiversity Conservation and Sustainable Management	National	25-26, March 2014	250	Convenor
09	Training programme on UGC Net and Competitive Exams	University	22 – 24 February, 2014	250	Convenor
10	Training programme for Competitive Exams for BCM PG students of Kuvempu University	University	13 <sup>th</sup> – 16 <sup>th</sup> February, 2015	500	Convenor
11	Wildlife week celebration and special lecture series	University	1 <sup>st</sup> to 8 <sup>th</sup> Oct. 2015	100	Organizing Secretary
12	Training programme for	University	20 <sup>th</sup> – 22 <sup>nd</sup>	500	Convenor

	Competitive Exams for BCM PG students of Kuvempu University		February, 2016		
13	Wildlife week celebration and special lecture series	University	1 <sup>st</sup> to 7 <sup>th</sup> Oct. 2016	100	Organizing Secretary
14	Training programme for Competitive Exams for BCM PG students of Kuvempu University	University	21 <sup>st</sup> – 23 <sup>rd</sup> October 2016	350	Convenor
15	Training programme for Competitive Exams for BCM PG students of Kuvempu University	University	18 <sup>th</sup> to 20 <sup>th</sup> February, 2017	450	Convenor
16	One week workshop on Field techniques and scientific approach in wildlife studies	University	13 <sup>th</sup> to 18 <sup>th</sup> March, 2017	50	Organizing Secretary
17	Wildlife week celebration and special lecture series	University	1 <sup>st</sup> to 8 <sup>th</sup> Oct. 2017	45	Organizing Secretary
18	Three days workshop on Handling of GPS and GIS applications	University	16 <sup>th</sup> to 18 <sup>th</sup> January, 2018	30	Organizing Secretary
19	Three day workshop on field techniques in wildlife studies	University	22 <sup>nd</sup> to 24 <sup>th</sup> January, 2018	30	Organizing Secretary
20	Wildlife week celebration and special lecture series	University	1 <sup>st</sup> to 7 <sup>th</sup> Oct. 2018	60	Organizing Secretary
21	National conference on Biodiversity Conservation-Recent Developments and Future strategies	National	16 <sup>th</sup> and 17 <sup>th</sup> November, 2018	250	Organizing Secretary
22	Three days workshop on Handling of GPS and GIS applications	University	19 <sup>th</sup> to 21 <sup>st</sup> January, 2019	30	Organizing Secretary
23	Wildlife week celebration and special lecture series	University	1 <sup>st</sup> to 7 <sup>th</sup> Oct. 2019	72	Organizing Secretary
24	Workshop on field techniques in wildlife studies	University	21 <sup>st</sup> to 25 <sup>th</sup> October, 2019	60	Organizing Secretary
25	Two days online National conference on	University	14 <sup>th</sup> and 15 <sup>th</sup> July, 2020.	150	Organizing Secretary



	wildlife conservation and future strategies on				
26	Four days workshop on Handling of GPS and GIS applications	18-01-2021	21-01-2021	65	Organizing Secretary
27	Workshop on An Insight into Chiroptera (Bats)	26-02-2021	-	65	Organizing Secretary
28	Workshop on use of Biostatistics in wildlife studies	06-04-2021	08-04-2021	40	Organizing Secretary

**09. Conferences, Seminars, etc Attended and Papers Presented (Provide a list and indicate whether it is a Key note address, Inaugural address or Invited talk etc.,)**

Sl. No	Seminar/Conference	Date(s)	Title of the Paper Presented	Remarks (indicate whether Key note address/Invited talks)
1.	National Conference on Biodiversity Conservation and Future Strategies (NCBCFS-2021) organized by Dept. of Environmental Science and Dept. of Zoology, Gulbarga University, Gulbarga in association with Indian Science Congress Association, Kolkata	23 <sup>rd</sup> and 24 <sup>th</sup> March, 2021	Human-Elephant conflicts in Chikmagalur District, Karnataka	Presented paper
2.	National conference on Innovative microbial trends and challenges in the Environment (IMTCE-2020) organized by Dept. of Microbiology, Kuvempu University	2 <sup>nd</sup> March, 2020	Kyasanur forest disease in Thirthahalli taluk of Shivamogga district, Karnataka	Presented paper
3.	National conference on Empowerment of rural communities through innovations in science and technology organised by Indian science congress	21 <sup>st</sup> and 22 <sup>nd</sup> February, 2020	Foraging space of blackbucks by overgrazing pressures and strategic change in availability of palatable grasses in Basur Amruth mahal kaval	Presented paper

	association and Konganadu arts and science college Coimbatore at Coimbatore, Tamilnadu		community reserve, Karnataka	
4.	National conference on frontiers in ecobiological science and its applications (FESA-2019) organised by School of Life sciences, Periyar University, Salem	16 <sup>th</sup> to 18 <sup>th</sup> October, 2019	Preliminary study on ecology and conservation of blackbucks in Basur Amruth mahal kaval community reserve, Kadur	Presented paper
5.	Workshop on Research Methodology organised by SC/ST Cell, Kuvempu University	27 <sup>th</sup> March 2019	--	Participated
6.	National seminar on toolkit to accelerate research organised by Kuvempu University and LIS Academy, Bangalore at Jnanasahyadri, Shankaraghatta	22 <sup>nd</sup> and 23 <sup>rd</sup> March, 2019	-	Participated
7.	International conference on Reaching the unreached through education organised by Dept. of Education, Kuvempu University	15 <sup>th</sup> and 16 <sup>th</sup> March, 2019	Survival of natural environment through education	Presented paper
8.	National Conference on Recent Innovations in animal Sciences organised by Department of Zoology, Sahyadri Science College, Shivamogga	27 <sup>th</sup> and 28 <sup>th</sup> February, 2019	Human –elephant conflicts in Chikmagalore district	Participated and presented paper
9.	National level workshop on Developing Mooc through Swayam organised by Kuvempu University	8 <sup>th</sup> and 9 <sup>th</sup> January, 2019	---	Participated
10.	Awareness programme on honey bee keeping organised by	5 <sup>th</sup> October 2018	Importance of honey bee keeping	Presented paper and chaired the session

	Department of Zoology, Shivaji University, Kolhapur, 5 <sup>th</sup> October 2018			
11.	National level workshop on Conservation imperatives with development aspirations in western ghats organized by The wilderness club, Save western ghats, Prakruthi, Environmental study centre and Kuvempu University at Jnanasahyadri campus, Shankaraghatta	3 <sup>rd</sup> and 4 <sup>th</sup> September 2018	Interaction of human and wild animals in mid western ghat regions of Karnataka	Presented paper and chaired the session
12.	National conference on current microbial challenges in the environment (CMCE- 2018) organized by Dept. of Microbiology, Kuvempu University	9 <sup>th</sup> and 10 <sup>th</sup> March, 2018	Water quality assessment and phytoplankton diversity of two freshwater ponds of Lakkavalli, Karnataka state with special reference to water quality indicators	Chaired the Session and presented Paper
13.	National Conference on “Emerging trends and approaches in Zoological Science” organized by Dept. of Zoology, Tumkur University, Tumkur	31 <sup>st</sup> January 2018	Study on the human- macaque conflict in the Hosanagara taluk, Shivamogga district, Karnataka	Chaired the Session and presented Paper
14.	National Conference on “Reaching the unreached through science and technology: Recent advances in Physical, Chemical, Mathematical and Biological Sciences for Energy, Health and Environment organised By Mangalore	8-9th September, 2017	Elephant conflicts hotspots in coffee agroforestry in Kodagu district, Karnataka	Chaired session and presented paper

	University, Mangalore			
15.	International Conference on interdisciplinary approach in science and technology (ICIAST), Pattaya, Thailand	19 <sup>th</sup> to 20 <sup>th</sup> May, 2017	Birds and plant diversity of mangroves of Kundapura, Karnataka state, southeast coast of India	Participated and presented paper
16.	One week workshop on Field techniques and scientific approach in wildlife studies	13 <sup>th</sup> to 18 <sup>th</sup> March 2017	-	Participated
17.	Seminar on Path to entrepreneurship in life sciences	22 <sup>nd</sup> February 2017	-	Participated
18.	National symposium on current trends in Biotechnology research organized by Dept. of Biotechnology, Kuvempu University	31 <sup>st</sup> March 2016.	-	Participated
19.	State level seminar on Environment and Health organised by Dept. of Environmental Science, Kuvempu University	22 <sup>nd</sup> March, 2016	-	Participated
20.	State level seminar on Current challenges of microbes organized by Dept. of Microbiology, Kuvempu University	4 <sup>th</sup> March, 2016	-	Participated
21.	International symposium on Biodiversity, Agriculture, Environment and Forestry Organized by Association for the advancement of biodiversity Science at Ooty, Tamilnadu.	11-12 December, 2015,	Studies on physicochemical characteristics and diversity of plankton in selected perennial wetlands of Chikmagalur district, Karnataka,	Paper presented
22.	UGC sponsored National seminar on modern trends in Genetics and Molecular Biology	3 <sup>rd</sup> October 2015	Wildlife conservation an molecular biology approach	Chaired session and delivered Lecture
23.	Seminar on recent	20 <sup>th</sup> July	Wildlife Conservation	Paper presented

	trends in Environmental Science organized by Department of Environmental Science, Kuvempu University	2015	fast and present in Karnataka State	
24.	State level Seminar on Advances in Animal Science ( AIAS-2015) organized by Department of Zoology, Sahyadri Science College, Shivamogga	14 <sup>th</sup> March 2015	-	Participated
25.	National Conference on Conservation of Biodiversity in Deccan plateau, Organised by Dept. of Zoology, University College of Science, Tumkur University, Tumkur	10 <sup>th</sup> October 2014	Studies on Avifaunal diversity of Jogimatti state forest, Chitradurga, Karnataka	Paper Presented
26.	“ ”	“ ”	Conservation of Biodiversity in Deccan plateau	Invited talk
27.	National conference on Biodiversity Conservation and Sustainable Management organized by Dept. of Applied Zoology, Kuvempu University	25-26, March 2014	Conservation issues and major threats to wetlands of Bhadra Wildlife Sanctuary, Karnataka	Paper presented
28.	UGC sponsored National Conference on Perspectives of Physics in reducing environmental pollution organized by Dept. of Physics, Kalpataru First grade Science College, Tiptur	21 <sup>st</sup> and 22 <sup>nd</sup> February 2014	---	Participated
29.	International Conference on Ecosystem Conservation climate change and sustainable development organized by Dept. of Aquatic Biology and Fisheries,	3-5 October, 2013	Seasonal variations in physicochemical characteristics of mangrove water, Kundapur, southwest coast of India	Paper presented

	University of Kerala, Thiruvananthapuram. Kerala			
30.	National Seminar on Water –Environment and Economic Development organized by Dept. of Environmental Science and Economics, Govt. First grade college and PG Centre, Davanagere	15 <sup>th</sup> and 16 <sup>th</sup> February 2013	Role of water management in the economic development of the Nation	Paper presented
31.	“ “	””	--	Chaired a session
32.	National Seminar on Pharmaceutical Chemistry and Technology organized by Dept. of Pharmaceutical Chemistry, PG Centre Kadur, Kuvempu University ,	02.05.2012	-	Participated
33.	National Seminar on Current Issues of Western Ghats- Problems and solutions organized by Dept. of Environmental Science, Kuvempu University, Shankaraghatta	21 <sup>st</sup> and 22 <sup>nd</sup> April, 2012	-	Participated
34.	National conference on New Frontiers in Animal Science organized by Dept. of Applied Zoology, Kuvempu University, Shankaraghatta	9 <sup>th</sup> and 10 <sup>th</sup> April, 2012	Diversity of birds in Ammanaghatta area, Central Western Ghats, Hosanagar, Karnataka.	Paper presented
35.	National conference of Green Technologies organized by Dept. of Biotechnology, Acharya Institute of Technology, Bangalore	4 <sup>th</sup> and 5 <sup>th</sup> April 2012	A study of hydrochemistry and pollution effect on the quality of water of Nonavinakere wetland of Tiptur taluk, Karnataka	Paper presented
36.	National conference on Role of microbes: Past, Present and Future organized by Dept. of	28 <sup>th</sup> and 29 <sup>th</sup> March 2012	-	Participated

	Microbiology, Kuvempu University, Shankaraghatta			
37.	Bangalore World water summit organized by Center for sustainable development, Bangalore at Hotel Lalit Ashok, Bangalore	01.2.2012 to 3.02.2012	-	Participated as a University Delegate
38.	UGC Sponsored national conference on “Recent trends in Aquatic ecology, Utility, conservation and sustainable development” organized by the Department of Zoology, Govt. First Grade College, Chikkaballapur	2 <sup>nd</sup> and 3 <sup>rd</sup> September, 2011	Hydro-chemistry and phytoplankton in wetlands of muthodi range of Bhadra wildlife sanctuary, mid Western ghat region, India”	Paper presented
39.	Two days National seminar on present Scenario of Microbial Life, organized by Dept. of Microbiology, Kuvempu University, Shankaraghatta	28 <sup>th</sup> and 29 <sup>th</sup> March, 2011	-	Participated
40.	National conference on Global climate change : Perspectives and challenges (NCGCC-2011) organized by Dept. of Environmental Science, Kuvempu University, Shankaraghatta	23 <sup>rd</sup> and 24 <sup>th</sup> March, 2011	“ Studies on mangroves of Kundapura taluk, Udupi district”	Paper presented
41.	International conference on Biodiversity and Aquatic Toxicology organized by Department of Zoology and Aquaculture, Acharya Nagarjuna University, Nagarjunanagar, A.P	12 <sup>th</sup> to 14 <sup>th</sup> February, 2011.	Butterfly diversity and their seasonality in Lakkavalli range of Bhadra Wildlife Sanctuary, Mid Western Ghat region, Karnataka	Paper presented
42.	International Conference on Water,	4 <sup>th</sup> to 5 <sup>th</sup> October,	Seasonal variation of physico-chemical	Paper presented

	Plumbing, Sanitation and Health: Issues and challenges – A Transdisciplinary Approach ( ICWPSH-2010) organized by Dept. of Civil Engineering and Department of Zoology, Bangalore University, Bangaluru	2010	characteristics of water in wetlands of Bhadra Wildlife Sanctuary	
43.	International conference on “ Environmental Pollution, water conservation and health ’ organized by Department of Zoology, Bangalore University, Bangalore	29 <sup>th</sup> to 31 <sup>st</sup> July, 2010	A study on physico-chemical characteristics of wetlands in Bhadra Wildlife Sanctuary	Paper presented
44.	Wildlife lovers meet organized by Westernghats Task Force, Bhadravathi Forest Division and Dept. of Environmental Science, Kuvempu University	10 <sup>th</sup> July 2010	-	Participated
45.	National seminar on “ Conservation & Sustainable development of ecosystem in Western Ghats’ organized by Department of Botany, Sahyadri Science College (Autonomous), Shivamogga	25 <sup>th</sup> and 26 <sup>th</sup> of March 2010	Avifunal diversity in Ammanaghatta Forest Area of Shimoga district, Karnataka	Paper presented
46.	National Seminar on Impact of Microbes on Health, organized by Dept. of PG Studies and Research in Microbiology, Jnanasahyadri, Kuvempu University, Shankaraghata	27 <sup>th</sup> and 28 <sup>th</sup> February, 2011	-	Participated
47.	XXXII all India Botanical Conference	28 <sup>th</sup> – 30 <sup>th</sup> December	Studies on diversity and distribution of	Paper presented



	and International Symposium on Diversity of plants and Microbes: Present Scenario, organized by Dept. of Applied Botany, Kuvempu University, Shnkaraghatta	2009.	phytoplankton in Forested wetlands	
48.	Conference on Recent Advances in Environmental Science and Engineering, RAESE-2009, organized by Dept. of Biotechnology, Shridevi Institute of Engineering and Technology, Tumkur	16 <sup>th</sup> and 17 <sup>th</sup> October 2009.	Overview of wetlands of the Bhadra Wildlife Sanctuary, Mid Western Ghat Region, Karnataka: Threats, Management and Conservation Issue	Paper presented
49.	National seminar on “Recent advances and challenges in Biochemistry and Biotechnology- 2009” organized by Dept. of Studies and Research in Biochemistry, Kuvempu University, Shankaraghatta	1 <sup>st</sup> and 2 <sup>nd</sup> April 2009.	-	Participated
50.	National conference on BSBC – 2008, Dept. of applied zoology, Kuvempu University	13-15 <sup>th</sup> March, 2008.	Biotic diversity in two wetlands of Bhadra Wildlife Sanctuary, Karnataka	Paper presented
51.	International Conference on climate change and water crisis, Bishop Moore College, Mavelikara, Keral	February 4 <sup>th</sup> to 6 <sup>th</sup> , 2008	The impact of agricultural activities on river banks on water quality of the river Tunga	Paper presented
52.	International seminar on Hydrology and watershed management with a focal theme on water quality conservation for sustainable development organized by Centre for water resources, Institute of	18 <sup>th</sup> – 20 <sup>th</sup> December 2002	Ground water quality in Shimoga district, Karnataka state	Paper presented

	PG studies and research, JNT University, Hyderabad			
53.	National seminar on Environmental awareness, Education and Management for sustainable rural development (NSERD), organized by Dept. of Environmental Science, Sri. Venkateswara University, Tirupath	August 26-28, 2002	Study on subsurface water quality in Bhadravathi town of Karnataka	Paper presented
54.	National seminar on Environmental hazards and management, organized by Dept. of environmental Science, University of Mysore	2 <sup>nd</sup> and 3 <sup>rd</sup> march 2001	Hydrochemistry and quality assessment of ground water in Bhadravathi industrial area, Karnataka	Paper presented
55.	National conference on Chemical Sciences for industry and Society, , organized by dept. of Industrial Chemistry Kuvempu University, Shankaraghatta	January 3 to 6, 2006	-	Participated
56.	International seminar on “Earth resource management” organized by Dept. of Geology, Kuvempu University, Shankaraghatta	January, 28-30, 2004	-	Participated
57.	Seminar on “Scenario of research and business opportunities in medicinal and aromatic plants in 21 <sup>st</sup> century, organized by dept. of Chemistry and Industrial Chemistry Kuvempu Universit	December 29 to 31, 2003,	-	Participated
58.	National seminar on Current environmental issues; Ecovision 2003, organized by Bharathiyar University, Coimbatore, Tamilnadu	September 26 to 27, 2003	-	Participated
59.	National seminar on	December	-	Participated

	“Scenario of Research and Business opportunities in medicinal and aromatic plants in 21 <sup>st</sup> century” organized by Dept. of Chemistry, Kuvempu university Shankaraghatt	29-31, 2003		
60.	Seminar on “drinking water quality and safety management” organized by Dept. of Environmental science, Kuvempu University, Shankaraghatta	31 <sup>st</sup> March 2003	-	Participated
61.	Seminar on ‘Research priorities in Environmental science for 21 <sup>st</sup> century’, organized by Dept. of Environmental science, Kuvempu University, Shankaraghatta	March 27 2002	-	Participated
62.	Seminar on “Frontier areas in Chemistry” organized by Dept. of Industrial Chemistry and Chemistry Kuvempu University, Shankaraghatta	7 <sup>th</sup> March 2002	-	Participated

#### **Participated in online seminars, workshops and training programmes**

1. Webinar series Share and gain talk on Water microbiology organized by Ecor Foundation, Cochin-682034 on 1<sup>st</sup> August 2020.
2. National level webinar on Media profession today: Issues and concerns organized by the Dept. of Journalism and Mass communication, Kuvempu University during 13<sup>th</sup> and 14<sup>th</sup> August 2020
3. Online Short term course in Biodiversity-status, service and Management practices organized by the Dept. of Botany, PG Diploma Biodiversity, Kongunadu Arts and Science College, Coimbatore, Tamilnadu during 1<sup>st</sup> – 10<sup>th</sup> September 2020.

4. Webinar on Impact of climate change on biodiversity in India organized by STLLES India, New Delhi and Ecor Foundation, Kochi on 15<sup>th</sup> July 2020.
5. Talk on Environmental Taxation organized by Earth Climate and Ocean foundation on 25<sup>th</sup> July 2020.
6. National webinar on Future of Indian Media Industry organized by Dept. of Communication, Bangalore University, Bangalore during 22<sup>nd</sup> – 27<sup>th</sup> June 2020.
7. State Level Webinar on ICT Initiatives in ODL System organized by Karnataka State Open University, Mukthagangotri, Mysuru 570 006 on 1<sup>st</sup> July 2020.
8. Science leadership workshop organized by the Central University of Punjab, Bathinda from June 22<sup>nd</sup> to June 28, 2020.
9. 2 week Faculty development programme on Research Methodology organized by Teaching Learning Centre, Ramanujan College, University of Delhi from October 1<sup>st</sup> October 2020 to 15<sup>th</sup> October 2020

**UGC-HRDC (ASC) Orientation /Refresher Course/Short term course attended:**

Name of The Course	Institution/Place	Duration	Sponsoring Agency
Orientation program	UGC-Academic Staff College, Central College Campus, Bangalore University, Bangalore	12 <sup>th</sup> November 2007 to 8 <sup>th</sup> December 2007	UGC
Refresher Course in Wildlife and Management	Dept. of Wildlife and Management, Kuvempu University, Shankarghatta	12.11.2009 to 02.12.2009.	UGC
Refresher Course In Life Sciences	UGC – HRDC, University of Kerala, Kariavattom, Thiruvananthapuram	25.06.2015 to 15.07.2015	UGC

Short term Course on Communication skills and ICT	UGC – HRDC, Bangalore University Bangalore	27/02/2017 to 04/03/2017	UGC
One week workshop on Field techniques and scientific approach in wildlife studies	Department of Wildlife and Management, Kuvempu University	13 <sup>th</sup> to 18 <sup>th</sup> March, 2017	Kuvempu University

#### 10. Administrative Experience

Sl. No	Position	Organization	Duration	Responsibilities
01	Assistant Coordinator	IQAC, Kuvempu University	September 2007 to till September 2019	
02	Convenor	Popularization of Science education Committee	October 2009 to till date	
03	Member	Committee for organizing Health education programmes to the PG Students	April 2012 to till date	
04	Convenor	Backward Class and Minorities cell (BCM Cell), Kuvempu University	September 2012 to till 2021	
05	Co-ordinator	Dept. of P.G. Studies and Research in Wildlife and Management	October 2016 to September 2018	
06	Chairman	Dept. of P.G. Studies and Research in Wildlife and Management	October 2018 to till date	
07	Deputy Director	IQAC, Kuvempu University	October 2019 to till date	

### 11. Chairman/ Membership of University Bodies/other organizations

Sl. No	University/ Organization/Institute Body	Nature of Association	Period
01	Kuvempu University	Member, BOS in Wildlife and Management	September 2007 to till date
02	Kuvempu University	Member, PG BOE in Applied Zoology	2008 -2009 to till date ( Every Year)
03	Kuvempu University	Member, UG BOE in Environmental Studies	2009 – 2010 2010-2011 2011-2012
04	Kuvempu University	Chairman, UG BOE in Environmental Studies	2013-2014
05	Mysore University	Member, UG BOE in Environmental Studies	2011-2012
06	Sahyadri Science College (Autonomous)	Member, UG BOE in Environmental Studies	2014-2015
07	Kuvempu University	Member, BOS in Applied Zoology	2014 to till date
08	Kuvempu University	Chairman, BOE in wildlife and Management	2017-2018 2018-2019
09	Bangalore University	Member, BOE in Environmental Science	2017-18
10	Tumkur University	Member, BOS in Zoology	2018-2020

### 12. Extension/Outreach activities

Sl. No	Activity	Date(s)	Target group/Beneficiaries
01	Prouda shala makkaligagi vaijnanika Sinchana- Science awareness and Visited all the labs of Science Departments	17.12.2009	High School students of Chikmagalure and Shimoga districts
02	Prouda shala makkaligagi vaijnanika Sinchana- Science awareness and Visited all the labs of Science Departments	7.12.2011 and 8.12.2011	High School Students of Chikmagalure and Shimoga districts
03	Orientation programme for High School science teachers of Chikmagalure and Shimoga districts on Science education	14.02.2012	High School Science Teachers of Chikmagalure and Shimoga districts

	and its importance		
04	Kuvempu University Silver Jubilee Science/Arts /Culture/ Sports Exhibition	16.02.2012 19.02.2012	to School / College students and General Public

**13. Honours, Awards and Recognition (provide a list)**

- Obtained Second Rank in M.Sc. Environmental Science from Kuvempu University, 1998.

**Date:**

**Signature of the Teacher**