

## CURRICULUM VITAE



### 01. Personal Information

<b>01. Name, Designation and Address:</b>	<b>Dr. SHWETHA. A</b> Assistant Professor Department of Applied Zoology, Kuvempu University Jnana Sahyadri-577 451 Shimoga, Karnataka. INDIA
<b>02. Contact Number and Email:</b>	09986100740  shweth29@gmail.com
<b>03. Date of Birth:</b>	29-07-1985
<b>04. Nationality:</b>	Indian

### 02. Academic Chronicle

Sl. No.	Name of Degree	Name of University	Year of Award	Remarks
1.	Ph. D	Kuvempu	May 2015	<b>Topic:</b> Studies on Cyanide induced oxidative stress to the Indian Major carps <i>Catla catla</i> and <i>Cirrhinus mrigala</i>
2.	M. Phil	Kuvempu	2010	<b>Topic:</b> Effect of Zinc cyanide on behavioural and biochemical responses of freshwater fish, <i>Cirrhinus mrigala</i> ( Hamilton)

3.	<b>M.Sc.</b>	Kuvempu	2008	Applied Zoology
4.	<b>B.Sc. (CBZ)</b>	Kuvempu	2006	--

### 03. A. Teaching Experience

Sl. No	Designation	University/ Institution	Period
1.	<b>Assistant Professor</b>	Kuvempu University, Shankaraghatta, Shimoga, Karnataka	<b>From 30<sup>th</sup> December 2017.....</b>
2.	Teaching assistant	Davangere University, Shivagangotri, Davangere.	August 2015 to November 2017
3.	Guest lecturer (In Wildlife and management)	Kuvempu University, Shankaraghatta, Shimoga, Karnataka	August 2010 to November 2010
4.	Guest lecturer	ADB First grade College, Harapanahalli, Davangere District, Karnataka	July 2008 to March 2009

### *04. Fellowships/ Award*

- Project fellow, (SRF) UGC Major Research Project from 2011-2012 (10 months)
- SRF Kuvempu University from August 2014- November 2014 (4 months) during the Ph.D degree.
- JRF Kuvempu University from July 2012- June 2014 (2 years) during the Ph.D degree.

### 05. A. Research Publications (National and International)

1. Murthy, M.V. K., & **Shwetha, A.** (2023). Checklist of soil nematode diversity from Udupi District, Karnataka, India. **Journal of Threatened Taxa**, 15(7), 23557–23566. <https://doi.org/10.11609/jott.7977.15.7.23557-23566>
2. Murthy, M.V. K., & **Shwetha, A.** (2023). Community structure and functional diversity of soil nematodes from Udupi district, Karnataka, India. **Journal of Applied and Natural Science**, 15(4), 1484–1498. <https://doi.org/10.31018/jans.v15i4.4972>.
3. Krishnakumar and **Shwetha A.** 2023. A Study of birds diversity and population composition in Hanumanahalli of Gangavathi taluku of Karnataka state. **Journal of Survey in Fisheries science**. 3644 – 3652. (Scopus & Web of Science Group)- IF:0.69

4. Hamsa Rekha V. and **A. Shwetha.** (2023). Habitat structure, Population studies of Malabar Giant Squirrel (*Ratufa indica indica*) in Umblebyle Range Forest, Shimoga, Karnataka, India. **International Journal of Emerging technologies and Innovative Research.** 10(5): 636-645.
5. Krishnakumar and **Shwetha A.** 2022. A Study Based On The Population Density and Population Composition of Avifauna at Hanumanahalli of Gangavathi Taluk. **Advanced Engineering Science.** ISSN 2096-3246. 57(07). 2423 – 2439. (Scopus)
6. Poornima B.S. and **A. Shwetha.** (2022). Checklist of Avifaunal Diversity at few ponds of Arsikere Taluk of Hassan District of Karnataka, India. **Journal of Emerging Technologies and Innovative Research.** 9(10):2349-5162.
7. Hamsa Rekha V. and **A. Shwetha.** (2022). Comparison of Tree Species Diversity and Usage by *Ratufa indica indica* in Umblebyle range forest, Bhadravathi division, Shimoga, Karnataka. *Asian Journal of Biological and Life Sciences.* 12(2): 237-244.
8. Hamsa Rekha V. and **A. Shwetha.** (2022). Population studies of Malabar Giant Squirrel (*Ratufa indica indica*) in Umblebyle Range Forest, Bhadravathi division, Shimoga, Karnataka. *Journal of Biodiversity and Environmental Science.* 22(6): 227-233.
9. Hamsa Rekha V. and **A. Shwetha.** (2022). Nesting site preferences of *Ratufa indica indicain* Umblebyle Range Forest, Bhadravathi division, Shimoga, Karnataka. **Nature Environment and Pollution Technology.** 22(2): 709-719.
10. Hamsa Rekha V. and **A. Shwetha.** (2022). Comparison of Nesting site preferences of *Ratufa indica indicain* Umblebyle Range Forest 2021 and 2022. **Ecology, Environment and Conservation.** 29 (April Suppl. Issue): 2023: S129-S132.
11. **Shwetha A\*.** 2021. Water birds in some wetlands in the Shettihalli wildlife sanctuary, Shivamogga, Karanataka. **Journal of Environmental Science, Computer Science and Engineering & Technology.** Vol.11. No.1, 050-062.
12. **Shwetha A,** H Ashwini, H Mahesh kumar, S K Kavana. 2020. Prevalence Of Gastrointestinal Parasites in Sheeps in and Around Shankaraghatta, Shimoga, Karnataka. **International Research Journal of Modernization in Engineering Technology and Science.** 02(09). 1155-1162.
13. **Shwetha Alavandi,** Mamatha. S. T, Pankaja. G. S and H. P. Soumya. 2019. A Preliminary Observation On Diversity Of Butterflies Of Shivagangotri Campus, Davangere University, Davangere, Karnataka. **International Journal Of Agricultural Science And Research.** 9(4): 273-280. **Scopus: IF: 6.19**
14. **Shwetha A ,** Dhananjaya , Shravana Kumara SM , Ananda. 2018. Comparative study on calcium content in egg shells of different birds. **International Journal of Zoology**

**Studies.** 3(4): 31-33. [*UGC Approved Journal, RJIF: 5.14*]

15. B.B. Hosetti and **A. Shwetha**. 2018. Life cycle and seasonal infestation of *Erionotatorus* Evans (Lepidoptera: HesperIIDae) on banana in Shimoga, Karnataka. **ENTOMON.** 43(3): 215-218. Short Communication No. ent. 43308.
16. Anusha, G.S., **Shwetha Alavandi**, B.B Hosetti. 2018. Conservation of avifaunal diversity of two freshwater ponds of Rangenahalli area, Lakkavalli, Shimoga, Karnataka. **International Journal of Zoology Studies.** Volume 3; Issue 2; 255-260. [*UGC Approved Journal, RJIF: 5.14*]
17. Praveen Dube, **A. Shwetha**, B.B. Hosetti. 2014. Impact of copper cyanide on the key metabolic enzymes of freshwater fish *Catla catla* (Hamilton). **Biotechnology in Animal Husbandry.** 30 (3), 499-508. <https://doi.org/10.2298/BAH1403499D>
18. **Shwetha Alavandi** and B. B. Hosetti. 2014. Acute toxicity of sodium cyanide and sub-lethal effects on behaviour and oxygen consumption in *Catla catla* and *Cirrhinus mrigala* Carp. **Online Journal of Veterinary Research.** 18(7): 572-580. [*Scopus: IF: 1.6*]
19. **Shwetha Alavandi** and B. B. Hosetti. 2014. Sublethal effect of cyanide on catalase activity in freshwater fishes, *Catla catla* and *Cirrhinus mrigala* (Hamilton). **Advances in Applied Science Research.** 5(4): 91-94. [*Copernicus Value: 74.75: IF: 3. 52*]
20. **Shwetha Alavandi** and Basaling B. Hosetti. 2013. Influence of cyanide on some antioxidant enzymes of freshwater fish, *Cirrhinus mrigala* (Hamilton). **Journal of Agricultural Science.** 58 (3): 177-184. [*Scopus: IF: 1.186*] <https://doi.org/10.2298/jas1303177a>
21. Praveen N. Dube, **Shwetha Alavandi** and Basaling B. Hosetti. 2013. Effect of exposure to sublethal concentrations of sodium cyanide on the carbohydrate metabolism of the Indian Major Carp *Labeo rohita* (Hamilton, 1822). **Pesq. Vet. Bras.** 33(7):914-919. [*Scopus: IF: 0.29*]
22. **Shwetha, A.**, Hosetti, B.B. and Dube, P. N. 2012. Toxic Effects of Zinc Cyanide on Some Protein Metabolites in Freshwater fish, *Cirrhinus mrigala* (Hamilton). **International Journal of Environmental Research.** 6(3): 769-778. [*IF: 1.81*]
23. Praveen N. Dube., **Shwetha Alavandi** and Basaling B. Hosetti. 2012. In vivo changes in the activity of (gill, liver and muscle) ATPases from *Catla catla* as a response of copper cyanide intoxication. **European Journal of Experimental Biology.** 2(4):1320-1325. [*IF: 0.26*]
24. **Shwetha, A.**, Praveen. N. Dube and B. B. Hosetti. 2012. Effect of exposure to sublethal concentrations of Zinc cyanide on tissue ATPase activity in the Freshwater Fish, *Cirrhinus mrigala* (Ham). **Acta Zoologica Bulgarica.** 64 (2): 185-190. [*Scopus: IF: 0.309.*]
25. Hosetti, B. B., Dube, P. N., Prashanth, M. S. and **A. Shwetha**. 2010. Acute toxicity of metal Cyanides to Indian Major Carp *Labeo rohita* (Hamilton). **Biotechnology in**

**Animal Husbandry.** 26(3-4): 267-277. [IF: 0.4]

26. **Shwetha, A.** and B. B. Hosetti. 2010. Effects of zinc cyanide on respiratory and biochemical responses of freshwater fish, *Cirrhinus mrigala* (Hamilton). **Online journal of veterinary research.** 14 (2): 289-298. [IF: 1.6].
27. **Shwetha, A.** and B. B. Hosetti. 2009. Acute effects of Zinc cyanide on the Behaviour and Oxygen consumption of the Indian Major Carp, *Cirrhinus mrigala* (Hamilton). **World Journal of Zoology.** 4 (3): 238-246.

### ***B. Chapters contributed in Books***

- Hosetti, B.B, Praveen Dube and **Shwetha A.** (2013). Diversity of freshwater fish fauna of Bhadra river, Mid western ghats of Karnataka. In: B.B.Hosetti and K.L Naik. Biodiversity Monitoring and Utilization. Pointer publishers. Jaipur, India. 201-211.
- Naghabhushan, C. M., **Shwetha A.** and Hosetti, B.B. Diversity of Ichthyofauna and physic-chemical characters of Tungabhadra Reservoir. In: Hosetti, B.B. and Chakravarthy A.K. Conservation of tropical biodiversity. Avishkar publisher and distributor. Jaipur, India. 175-182.

### ***C. Papers preseted at Conference/seminars/Workshop:***

1. Participated in the **Two day National level seminar** on “Biodiversity conservation: Impact of antropogenic activities and climate change”, organised by Department of Zoology and Botany, Mahatma Gandhi Memorial College, Kunjibettu, Udupi, Karnataka, on 15th and 16th March 2024.
2. Presented paper in **International Conference** on Ecology (IEC-23) entitled “Avifauna Diversity and population composition in Hanumanahalli of Gangavathi Taluku of Karnataka State” Organized by Society for education during January 22<sup>nd</sup> 2023.
3. Presented paper in **International Conference:** “Animal Behavior and Trends in Zoological Studies” entitled “Percentage of population density of blue tailed bee-eater (*Merops philippinus*) birds in different zones of Hanumanahalli village in Gangavathi taluk, Karnataka state.” Organized bt Ethological Society of India at Reva university, Bangalore during April, 4<sup>th</sup> and 5<sup>th</sup>, 2023.
4. Presented paper in **National conference:** Environment :Challenges, Mitigation

& Sustainable development. on “Diversity and population composition of birds in Hanumanahalli of Gangavathi, Karnataka State” organized by Govt. P.G. College, Tikamgarh (M.P.) February, 27<sup>th</sup> and 28<sup>th</sup> 2023 .

5. Participated in the **National level webinar** on “clinically useful herbal drugs” organized by the Department of Botany, Kottureshwara college, Kottur, Bellary, Karnataka, held during 13<sup>th</sup> of September 2020.
6. Participated in the **National web conference** “Wildlife conservation-trends and future strategies” organized by the Department of Wildlife and management, Kuvempu University, Shankaraghatta, Karnataka held during 14<sup>th</sup> and 15<sup>th</sup> of July 2020,
7. Participated online “**COVID-19 Awareness Quiz**” organized by *Red Cross Unit*, VSKU Post Graduate Centre, Nandihalli-Sandur, Ballari District, Karnataka, during 5<sup>th</sup> May 2020.
8. Participated in **National conference** on “ Innovative Microbial trends and challenges in the environment (IMTCE- 2020)” organized by Dept. of Microbiology Kuvempu University, Shankaraghatta, Karnataka held during 2<sup>nd</sup> March 2020.
9. Participated in **DFG-KSteps Indo German Research Proposal Writing workshop** held at Karnataka Science and Technology Academy, Bangalore, on 30<sup>th</sup> August 2019.
10. Presented a paper in Two day **National Conference on “Ecological imbalances– causes and solutions (EICS 2019)”**, organized by the Department of Zoology, Veerashaiva college, Bellary, Karnataka, on 21<sup>st</sup> and 22<sup>nd</sup> March 2019.
11. Participated in two day National level workshop on “**Developing MOOC through SWAYAM**” organised by Kuvempu University, Shankaraghatta, Karnataka, on 8<sup>th</sup> and 9<sup>th</sup> January 2019.
12. Presented a paper in National **Conference on “Biodiversity Conservation – Recent Development and future strategies”**, organized by the Department of Wildlife and management, Kuvempu University, Shankaraghatta, Karnataka, on 16<sup>th</sup> and 17<sup>th</sup> November 2019.
13. Attended one day Regional workshop on “**Biological Sciences**” jointly organized by Vision group on science and technology, govt of Karnataka and Kuvempu

University, held at the Kuvempu University, Shankaraghatta, Karnataka, on 17th November 2018.

14. Attended a two days **National level workshop on “Conservation imperatives with development aspirations in Western Ghats”** held at Kuvempu University, Shankaraghatta, Karnataka. During 3<sup>rd</sup> and 4<sup>th</sup> of September 2018.
15. Attended the **“28 All Congress of Zoology (AICZ) and International Symposium on “Understanding the molecules of life in the era of new Biology”**, Organised by Life science departments, Davngere University, Davangere during 20<sup>th</sup> to 22 October 2016.
16. Presented a paper in **National Conference on “Science for Shaping the Future of India: Faunal Diversity – Challenges and Opportunities”**, organized by the Department of Zoology, University of Kashmir. Srinagar. India, during November 19<sup>th</sup> – 21<sup>st</sup> 2012.
17. Presented a paper in **National Conference on “New Frontiers in Animal Science”** organized by the Department of P.G. Studies and Research in Applied Zoology Jnana Sahyadri, Shankaraghatta, Shivamogga, during April 9<sup>th</sup> – 10<sup>th</sup> , 2012.
18. Presented a paper in **International Conference On biodiversity and Aquatic toxicology**, organized by Dept of Zoology, Acharya Nagarjuna University, Vijayawada, Andhra Pradesh, India, during 12th to 14th May 2011.
19. Presented a paper in **International Conference On Environmental Pollution, Water Conservation And Health**, organised by Dept of Zoology, Bangalore University, Bangalore India, during July 29-31, 2010.
20. Attended the **National seminar on “Strategies for Biodiversity conservation and Management”** organised by the Department of PG studies and Research in Applied Zoology and Wildlife and management, Kuvempu University, Shankaraghatta. Shimoga, during May 6<sup>th</sup> 2010.
21. Attended the **National conference of ISCAP on “Biotechnological strategies for biodiversity conservation”**, organised by department of PG studies and research in Applied Zoology and Microbiology, Jnana sahyadri, Shankaraghatta, Shimoga during 13<sup>th</sup> to 15<sup>th</sup> March 2008.

## 06. Ph.D guidance

Sl.no	Name of the Researcher	Date of enrol	Status
1.	Ms. Hamsa Rekha M.V	13-02-2019	Awarded
2.	Mr. Kishnakumara	13-02-2019	<i>Submitted</i>
3.	Mrs. Poornima B S	19-02-2020	Ongoing
4.	Mr. Keshavamurthy M. V	19-02-2020	Ongoing

## 07. Start-up Project: As Principal Investigator

Title	Grant	Amount	Duration	status
"Ecological studies on some water reservoirs around the shettihalli wildlife sanctuary, shivamogga dist, Karnataka with special reference to avifauna"	University start-up grant	2 Lakh	1 year (during 2020-21).	Completed

## **08. Research Areas of Interest :**

-Aquatic Toxicology/ Biodiversity/ Ecology

## **09. Board Member: (EDITORIAL BOARD )**

1. International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)

10. Papers reviewed: i) *Certificate No: PRBPRR/3261SHW*

*ii) Certificate No: PRJALSI126724SHW*

## **10. *Positions Holding at University:***



1. **Faculty Advisor.** PG Ladies Hostel. Kuvempu University. Shankaraghatta 577 451.
2. **Women representative.** Women redressal cell. Kuvempu University.  
Shankaraghatta 577 451
3. **Nodal officer.** SSP Sc/St students portal. Kuvempu University. Shankaraghatta 577 451.

## **11.Courses undergone**

<b>Title of the Program</b>	<b>Duration (From-to)(DD-Mm-YY)</b>
1.Orientation Course (University of Mysore, Manasagangotri, Mysuru)	17.10.2019 to 06.11.2019 (21 days)
2. <b>Faculty Development Programme</b> (Ramanujan college, New Delhi, Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING)	July 02 <sup>nd</sup> to July 17 <sup>th</sup> 2020 (15 days)
3. <b>Faculty Development Programme</b> (Ramanujan college, New Delhi, Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING)	October 01- October 15, 2020 (15 days)
4. <b>Refresher course</b> (Ramanujan college, New Delhi, Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING)	30 January 2021 to 14 February, 2021 (15 days)
5. Inter-disciplinary <b>Refresher Course</b> on "Advanced Research Methodology". Ramanujan college, New Delhi, Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING)	21 July - 04 August, 2023, (15 days)
6. Refresher course in life sciences organised by UGC-MMTTC, Central University of Kerala, Kasargod	20-10-2025 to 01-02-2025 (2 weeks)

Sd/-

Shwetha. A