



INDIVIDUAL PROFILE

- 1. Name** : **Dr. Harish Kumar T. S.**
- 2. Educational Qualifications** : M. Sc (2012) - University of Mysore
KSET (2014) - University of Mysore
Ph. D (2020) - Mangalore University
- 3. Date of Birth** : 24-02-1989
- 4. Father** : Sannappa
- 5. Mother** : Rajammanni
- 6. Marital status** : Married
- 7. Spouse** : Manvitha S. (Since 7 December 2023)
- 8. Date of Appointment** : 20-09-2021
- 9. Designation** : Assistant Professor of Zoology
(20-09-2021 to till date)
- 10. Email** : harishsrys@gmail.com
- 11. Permanent Address** : # 119, Srihari Nilaya,
Thumbasoge Village,
H. D. Kote Taluk, Mysuru District-571 121.
- 12. Teaching experience** : 06 Years (UG)



College/Institution	Experience
J.S.S. College for Women, Chamarajanagar- 571 313	02 Years
St Aloysius College (Autonomous), Mangaluru- 575 003	01 Year
D.R.M. Science College, Davanagere- 577 004	03 Years

- 13. Research Area** : Biodiversity, Earthworm taxonomy and Eco-toxicology.

14. Awards/ Recognition:

- **ESDA YOUNG SCIENTIST AWARD-2024:** During 5th World Environment Summit 2024 at NDMC Convention Centre, New Delhi (India) held on 16th to 18th November 2024.

15. Additional Duties/ Responsibilities

SL. No.	POSITION	PERIOD/ DURATION
1	IQAC Co-coordinator	September 2024 to till date
2	Convener of Human Rights/ Human Ethics Committee of the college.	September 2024 to till date
3	Convener of Criterion-IV of NAAC: Infrastructure and Learning Resources.	October 2021 to till date
4	Member of UUCMS, Science Forum, NSS, Rovers, Career Guidance and Placement Cell, Library committee and Time table committee of the college.	September 2024 to till date
5	Convener/ Coordinator of Library Advisory Committee of the college.	October 2021 to September 2024
6	In-charge of Library of the college.	June 2022 to September 2024.
7	Member of magazine committee of the college.	October 2021 to September 2024

16. Publications: 05 (Total citations: 32; h index: 04)

- **Harish Kumar T. S.,** Kavitha R. S., Lahari Nag C. N., Navya G. K., Raghavendra B. S. and Vijayan V. A. (2011). Present susceptibility status of *Culex quinquefasciatus*, Say to four insecticides at Mysore, India. *Research in Zoology* 1(1): 8-11. **Citation:** 05
- **Harish Kumar T. S.,** Sreepada K. S., Narayanan S. P. and Reynolds J. W. (2018). Megadrile earthworms (Annelida: Oligochaeta) around Udupi Power Corporation Limited (UPCL), Udupi District, Karnataka, South-West Coast of India. *Megadrilogica* 23(5): 79-89. **Citation:** 16.
- **Harish Kumar T. S.,** Siddaraju M., Bhat C. H. K. and Sreepada K. S. (2018). Seasonal distribution and abundance of earthworms (Annelida: Oligochaeta) in relation to the edaphic factors around Udupi Power Corporation Limited (UPCL), Udupi District, South-western Coast of India. *Journal of Threatened Taxa* 10(3): 11432–11442; <http://doi.org/10.11609/jott.3806.10.3.11432-11442>. **Citation:** 05
- Krishna., Parimala B., **Harish Kumar T. S.** and Manjunath Basappa Channi (2024). Role of Nitrogen Source for L-Glutaminase Production from Fungal Strain using through Submerged Fermentation. *Journal of Advanced Zoology* 45 (1): 130-136. <https://doi.org/10.17762/jaz.v45iS1.3433>. **Citation:** -

- Shruti Biradar, **Harish Kumar T. S.** and Parimala B. (2024). Can We Eat Insects?: Concept of Entomophagy. *The Agriculture Magazine* 3(6): 452-455. E-ISSN: 2583-1755. <https://theagricultureonline.com/wp-content/uploads/2024/09/February-2024-issue.pdf>

17. Reviewer of the Journal of Scientific Research and Reports on 05th November 2024. Certificate No. *PRJSRR126512HAR*.

18. Membership of Professional bodies: 01

- Life member of **Environment and Society Development Association (ESDA)**, Delhi since February 2024 (Membership No. L-705).

19. Faculty Development programme/ Refresher Course/ Short-Term course attended: 06

- **One week Online Faculty Development Programme (FDP)** on “**Insights on Writing Research Proposals and Funding Opportunities**” organized by Research and Facilities Group of St Joseph Engineering College, Mangaluru from 20th to 24th July 2020.
- **Four week Induction/ Orientation Programme for “Faculty in Universities/ Colleges/ Institutes of Higher Education”** organized by Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with Shaheed Sukhdev College of Business Studies (SSCBS) under the aegis of Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, from 19th October 2021 to 18th November 2021 and obtained **Grade A+**.
- **A training programme in Computer Literacy Course** was completed with grade ‘A’ at KEONICS Yuva.Com Centre, Davangere-577 002 from 25th November 2021 to 23rd February 2022. **Certificate No.: 418142.**
- **Two week Online Refresher Course in Zoology** organized by Teaching Learning Centre Ramanujan College, University of Delhi in collaboration with University of Science and Technology Meghalaya under the aegis of Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, from 28th November to 12th December 2022 and obtained **Grade A+**.
- **Two week Online Inter-Disciplinary Refresher Course in “Managing Online Classes and Co-creating MOOCS 28.0”** under the aegis of Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from 6th to 20th July 2023 and obtained **Grade A+**.
- **One-week online Faculty Development Program/ Training Programme on “Innovative Teaching and Learning Pedagogy”** organized by Research Foundation of India in association with SHODH and Bhagwan Parshuram Institute of Technology from 02nd to 07th December 2024.

20. Paper presentations: 10

- **Harish Kumar T. S., Siddaraju M.** and Sreepada K. S. (2015). Diversity of earthworms (Annelida: Oligochaeta) around Udupi Power Plant (UPCL), Karnataka. *In: National Conference on “Recent Advances in Animal Sciences”* held at Department of Applied

Zoology, Mangalore University, Mangalagangothri-574 199, from 13th to 15th February 2015, 84 p.

- **Harish Kumar T. S.**, Sreepada K.S. and Karunakara N. (2015). Assessment of heavy metals in soil and in earthworms: *Megascolex konkanensis* and *Octochaetona parva* around Udupi Power Corporation Limited (UPCL), Karnataka, India. In: *National Conference on "Vermitechnology in Human Welfare (Vermitech- 2015)"* held at Kongunadu Arts and Science College (Autonomous), Bharathiar University, Coimbatore-641 029, Tamil Nadu, from 16th to 18th December 2015, 30 p.
- **Harish Kumar, T. S.**, Vivek Hasyagar and Sreepada, K. S. (2017). Records on earthworms of the genus *Drawida* (Moniligastridae: Oligochaeta: Annelida) near Udupi Power Corporation Limited (UPCL), Udupi district, Karnataka state. In: *National Conference on "Science and Technology Education"* jointly organized by Karnataka Science and Technology Education (KSTA), Bengaluru and University of Agricultural Sciences, Raichur-584 104, on 21st to 22nd July 2017, 54 p.
- **Harish Kumar T. S.**, Sreepada K. S. and Prasanth Narayanan S. (2017). Occurrence of Octochaetidae earthworms (Oligochaeta: Annelida) around Udupi Power Corporation Limited (UPCL), Udupi district, Karnataka, India. In: *National Conference on "Reaching the Unreached through Science and Technology"* held at Mangalore University in association with the Indian Science Congress Association, from 8th and 9th September 2017, 65 p.
- **Harish Kumar T. S.** and Sreepada K. S. (2017). Seasonal concentration of heavy metals (Ni and Pb) in two species of earthworms (Megascolecidae: Oligochaeta: Annelida) in relation to soils around Udupi Power Corporation Limited (UPCL), Udupi district, South-West coast of India. In: *International Conference on "Advances in Disease Management for Human Welfare"* held at Gulbarga University, Kalaburagi in collaboration with Hyderabad Karnataka Region Development Board (HKRDB), Kalaburagi, from 21st to 23rd November 2017, pp. 208-209.
- Vivek Hasyagar, **Harish Kumar T.S.** and Sreepada K.S. (2018). Seasonal occurrence and distribution of semi-aquatic earthworms of the genus *Glyphidrilus* Horst, 1889 (Oligochaeta: Almididae) in the back water regions of Sharavathi, Shimoga District, Karnataka. In: International conference on *"Recent trends in Zoology, Biodiversity, Genetics and Environmental Sciences"* held at Bangalore University on 4th and 5th December 2018.
- **Harish Kumar T. S.**, Manjunath Basappa Channi and Parimala B. (2024). Occurrence of Indian flying fox, *Pteropus* (Brunnich) (Chiroptera: Pteropodidae) in and around Davangere, Karnataka, India. In: International Symposium on *"Progress, Advancements and Research Knowledge in Biotechnology (Hybrid mode) BIOTECH SPARK-2024"* held at PG and Research Department of Biotechnology, Bishop Heber College (Autonomous), Tirichirappalli, Tamil Nadu, India on 23rd February 2024.

- **Harish Kumar T. S.** (2024). Distribution of earthworms in relation to plant species. In: One day International Seminar on *“Transdisciplinary strategies towards bioprospecting and conservation of medicinal plants”* held at D.R.M. Science College, Davangere on 04th April 2024.
- **Harish Kumar T. S.** and Sreepada K.S. (2024). Bioaccumulation of heavy metals (**Cr** and **Cu**) in four species of earthworms in relation to soils of different habitats around Udupi Power Corporation Limited (UPCL), Karnataka, India. In: 8th International Conference on *‘Ecosystem Conservation and Sustainable Development’* under the theme of *‘Trends in climate change, Food security and Human health’* held at AET College, Bengaluru in collaboration with *‘Society for Advancement of Biological Sciences’* on 8th and 9th August 2024.
- **Harish Kumar T. S.** and Sreepada K.S. (2024). Availability of heavy metals in soil and four species of earthworms collected from different habitats. In: International Conference on *“Plant Biotechnology for Sustainable Productivity and Environment”* held at Manipal School of Life Sciences, Manipal Academy of Higher Education (MAHE), Manipal, Karnataka, India on 9th and 10th December 2024. pp.38.

21. Position held in the Conferences/ Workshops/ Symposium/ Seminars/ Webinars/ Programmes organized: 15

- **Convener** in the awareness programme on **“Access to e-Resource under N-LIST”** conducted for Faculty and B.Sc students on 24th December 2021.
- **Convener** in the Orientation programme on **“Knowing your library and its effective uses”** conducted for B.Sc students on 22nd June 2022.
- **Organizing Secretary** in the National Level Webinar on **“Assisted Reproductive Technology (ART)”** organized by Department of Zoology, D.R.M. Science College, Davangere-577 004 on 06th July 2022.
- **Convener** in **“The Librarian’s Day”** celebration on the occasion of 130th Birth Anniversary of Padmashree Dr. S. R. Ranganathan on 11th August 2022 in D. R. M. Science College, Davangere-577 004.
- **Convener** in the programme on **“Library resources and its services for I B.Sc students”** organized on 09th January 2023.
- **Convener** in the lecture programme on **“Importance of books in our life”** organized on 15th June 2023.
- **Convener** in the awareness programme on **“Challenges and Opportunities faced by students”** organized by Department of Zoology, D.R.M. Science College, Davangere on 14th December 2023.

- **Convener** in “**World No Tobacco Day 2024**” organized by Department of Zoology, D.R.M. Science College, Davangere-577 004 on 31st May 2024.
- **Advisory committee member** in One-day International Seminar on “*Transdisciplinary strategies towards bioprospecting and conservation of medicinal plants*” organized by Department of Botany, D.R.M. Science College, Davangere on 04th April 2024.
- **Organizing committee member** in one-day International Conference on “*Advanced Mathematical Applications (ICAMA-2024)*” organized by Department of Mathematics, D.R.M. Science College, Davangere on 22nd November 2024.
- **Advisory committee member** in “*Davangere University Inter-college competition for men and women and Davangere University team selection*” held at D.R.M. Science College, Davangere on 28th and 29th November 2024.
- **Coordinator** in conducting the online workshop on “**Intellectual Property Rights (IPR) and Patents & Design filing**” organized by Intellectual Property Office, Nagpur, India under National Intellectual Property Awareness Mission on 03rd December 2024.
- **Convener** in the celebration of “**International Human Rights Day 2024**” was organized by Human Rights/ Human Ethics Committee, D.R.M. Science College, Davangere-577 004 on 13th December 2024.
- **Organizing Coordinator** in One-day International Webinar on “*Trends shaping the future of battery technology*” organized by Department of Chemistry, D.R.M. Science College, Davangere on 21st December 2024.
- **Organizing Secretary** in the **Outreach programme on “Science activities for School students”** organized by Department of Zoology, D.R.M. Science College, Davangere-577 004 at Govt. Primary High School, Kadajji Village, Davanagere Tq. & Dist. on 11th January 2025.

22.Resource person/ Guest lecture delivered: 03

- Delivered a Guest lecture on “**TAXONOMY OF EARTHWORMS**” for the students of Diploma in Vermitechnology at Department of Zoology, St Aloysius College (Autonomous), Mangaluru- 575 003 on 16th November 2015.
- Delivered a Guest lecture on “**DIVERSITY OF EARTHWORMS**” for vermitechnology certificate course students at Govinda Dasa College, Mangaluru- 575 014 on 23rd April 2016.
- Delivered a Guest lecture on “**KNOW YOUR SOILS**” on the theme of World Soil Day for the students of Naturopathy and Yogic Science College and Hospital, organized by Centre for Environmental Studies, Yenepoya (Deemed to be University), Mangaluru on 06th December 2024.

23. Conference/ Workshop/ Symposia/ Training/ Seminars attended: 19

- Two days “**Sixth *Drosophila* meeting**” held in the Department of Studies in Zoology, University of Mysore, Mysore during 19th to 20th November 2010.
- Eight days “**Suvarna Manasa-2011 exhibition**” conducted by University of Mysore as a part of the Golden Jubilee celebration of the Manasagangotri campus during 15th to 24th February 2011.
- Three days “**LCMS/MS training programme**” held at PURSE laboratory, Mangalore University, Mangalore during 19th to 21st March 2014.
- Three days “**Workshop and an exhibition of molluscan shells**” held at University College, Mangalore during 28th February to 2nd March 2014.
- One day Seminar on “**Indigenous cow breeds-Current perspective and conservation programme**” held at Mangalore University, Mangalore on 28th November 2014.
- One day “**4th national pre-conference workshop of SOBSICON 2014**” held at Mangalore University, Mangalore on 17th November 2014.
- One day workshop on “**Biological diversity Act-2002; and Interaction meeting of bio resource users in research**” organized by Mangalore University under the auspices of Karnataka Biodiversity Board, Department of forest, ecology and environment-Govt. of Karnataka, on 31st January 2015.
- One day conference and two days national workshop on “**Importance of biostatistics and technical writing for the better understanding of life sciences**” held at Maharani Lakshmi Ammanni College for women, Malleswaram, Bengaluru-560 012 during 14th to 16th September 2015.
- One day national workshop on “**Blood irradiation and its application in transfusion medicine**” held at Mangalore University, Mangalore on 17th October 2015.
- Three days national workshop cum hands on training on “**Toxic heavy metals in environmental and sea food samples using AAS (THEMES-2016)**” held at Department of Marine Science, Bharathidasan University, Tiruchirappalli- 620 024, Tamil Nadu during 3rd to 5th February 2016.
- Two days workshop on “**Zoo taxonomy**” held at Department of Applied Zoology, Mangalore University, Mangalore during 28th to 29th March 2016.
- A forty-eight hours of an intense course on “**PRimer in Methods and Ecological Research (PRiMER-2016)**- a training programme on fundamentals of pursuing and carrying out independent ecological research, ecological statistics, mapping and modelling, ecological census and monitoring techniques and communicating research was completed at Gubbi Labs LLP, Gubbi, Tumakuru between 2nd to 7th May 2016.
- Two days symposium on “**Genomics in clinical practice: Future of precision medicine**” held at Yenepoya University, Mangalore on 1st and 2nd June 2016.
- One day workshop on “**3rd प्रकृति infocus**” held at Silver Jubilee Auditorium, NITK Surathkal, Mangaluru on 28th September 2019.

- One day International Level Webinar on “**Fundamentals and Applications Flow Chemistry**” organized by Department of Chemistry, BNDC jointly with LKE TECH University, Hubli and C-FAR Solutions in Chemistry on 4th March 2022.
- “**Dr. Shanthiswarup Bhatnagar Memorial Lecture Series**” organized by Science Club in Association with Karnataka Science and Technology Academy (KSTA) held at S.J.V.P. College, Harihara on 24th and 25th June 2022.
- Two day 3rd International Conference on “**Bacteriophages Research and Antimicrobial Resistance (ICBRAR- 2022)**” organized by Department of Applied Genetics, Karnatak University, Dharwad, Karnataka, India on 26th and 27th November 2022.
- Five day **International Symposium and Workshop on “Recent Trends in Alternatives to Animal Experiments: New Approach Methods (NAMs) to human toxicity testing and drug discovery**” organized by Department of Zoology, University of Calicut, Kerala, from 3rd to 7th December 2022.
- A National Conference on “**Through the instruments**” organized by Department of Chemistry, Shri Shivayogi Murughendra Swamiji Arts, Science and Commerce College, Athani on 22nd December 2022.

24. Webinars attended: 11

- National Webinar on “**Medical Physics and Beyond**” organized by the Department of Physics, St Aloysius College (Autonomous), Mangaluru on 24th June 2020.
- An interactive session on “**Sarcoma and Cancer Awareness**” organized by Getwell Oncology on 11th July 2020.
- A webinar on “**Liquid Biopsy: An Attractive Proposition and its Scope**” organized by Illumina South Asia Pacific on 14th July 2020.
- A live webinar on “**Microbiome: Listen to Your Gut**” organized by Special Interest Group on ‘*Placental Microbiome and factors affecting it*’ Department of Water and Health- Faculty of Life Sciences, JSS Academy of Higher Education and Research, Mysuru on 15th July 2020.
- A webinar on “**Oncology Scientific Update in COVID-19 Pandemic**” organized by *International Association of Oncology IAO* on 18th July 2020.
- National Webinar on “**A Deep Insight on Apiculture**” organized by Sri Bhuvanendra College, Karkala-574 104 on 22nd July 2020.
- National Webinar on “**Odonate Taxonomy**” organized by the Department of Zoology, Dr Shankar Government Women’s First Grade College and PG Study Centre, Ajjarakad, Udupi on 26th July 2020.
- Five day International Webinar on “**Advances in Biological Neural Networks**” organized by Department of Biotechnology and Genetics, Ramaiah College of Arts, Science and Commerce, Bengaluru- 540 054 from 28th July to 1st August 2020.
- A webinar on “**Battle against Novel Coronavirus**” jointly organized by Promega Biotech India Pvt Ltd and Biotecnika Info Labs Pvt Ltd on 5th August 2020.

- Two day webinar on “**Host-Microbe Interactions: Present and Future Perspectives**” organized by School of Biotechnology, Department of Life Sciences, Presidency University, Kolkata on 6th and 7th August 2020.
- One day state level Webinar on “ **Challenges of Online Teaching in the Backdrop of Pandemic**” organized by SECAB’s A.R.S. Inamadar Arts, Science & Commerce College and P.G. Center in English for Women, Vijayapur-586109 on 1st June 2021.

25. Online courses completed: 07

- Three weeks of course on “**COVID-19: Tackling The Novel Coronavirus**”, The London School of Hygiene and Tropical Medicine and UK Public Health Rapid Support Team on 24th April 2020.
- Four weeks of course on “**Heart Health: A Beginner's Guide to Cardiovascular Disease**”, The University of Reading on 27th April 2020.
- Two weeks of course on “**Orientation to Educational Neuroscience**”, Central Queensland University on 29th June 2020.
- Three weeks of course on “**COVID 19: Psychological First Aid**”, Public Health England on 1st July 2020.
- Two weeks of course on “**Improve your IELTS speaking score**”, Macquarie University, Australia on 3rd July 2020.
- Two weeks of course on “**Inclusive Education: Essential Knowledge for Success**”, Queensland University of Technology on 3rd July 2020.
- Two weeks of course on “**Introduction to Psychology: Biological Psychology**”, Monash University on 30th July 2020.

26. Examination/ Valuation duties

- **Central valuation work** was done in connection with B. Sc Degree examinations- October/ November 2019 at **St Aloysius College (Autonomous), Mangaluru-575 003** from 21st October 2019 to 1st November 2019.
- **Observer duty for Davangere University Degree Examinations- September/ October 2022** was done at A.D.V.S. First Grade College, Sasvehalli, Honalli Taluk, Davangere-577 224 from 7th to 18th October 2022.
- **Central valuation work** was done in connection with B.Sc Degree Examinations- September/October 2022 at **Davangere Univerisity, Shivagangotri-577 007** from 19th to 22nd October 2022.
- **Central valuation work** was done in connection with B.Sc Degree Examinations- February/ March 2023 at **Davangere Univerisity, Shivagangotri-577 007** from 3rd to 8th April 2023.
- **Central valuation work** was done in connection with B.Sc Degree Examinations-July/ August 2023 at **Davangere Univerisity, Shivagangotri-577 007** from 4th to 9th August 2023.

- **Central valuation work** was done in connection with B.Sc Degree Examinations-February/ March 2024 at **Davangere Univerisity, Shivangotri-577 007** from 14th to 16th March 2024.
- **Central valuation work** was done in connection with B.Sc Degree Examinations-July/ August 2024 at **Davangere Univerisity, Shivangotri-577 007** from 27th to 29th August 2024.
- External Examination duty for **Davangere University Zoology Practical Examinations** at **S.J.V.P. College, Harihar** (6th September 2022), **Govt. First Grade College, Hosadurga** (11th September 2023), **Govt. First Grade College, Davanagere** (19th, 20th, 22nd, 27th, 28th and 29th January 2023) and **A.V. Kamamma College for Women, Davanagere** (30th June, 1st and 2nd July 2023, 2nd, 3rd and 4th January 2025, 2nd, 3rd & 4th January 2025), **Govt. Science College, Chitradurga** (6th January 2025).

27. Guidance for the Dissertation/ Project work

SL. No.	Name of the student	Title of the project work	Course	College/ Institution	Year
1	Mr. Janardhan G. B. Mr. Darshan T. S. Ms. Chaithra G.R. Ms. Aishwarya P. Ms. Kavya A.M. Ms. Gowri J.H.	<i>Effect of mobile phone usage on sperm quality- A Review</i>	B.Sc (CZ & BZ)	D.R.M. Science College, Davanagere-577 004	2023-24
2.	Mr. Shridhar S. Ms. Spoorthi R. Ms. Soundarya M.S. Ms. Sindhu S.S. Ms. Syeda Sunaina	ONGOING	B.Sc (CZ & BZ)	D.R.M. Science College, Davanagere-577 004	2024-25
3.	Dr. Atiya Kousar Ms. S. Shirin Taj Ms. Tejaswini R.	ONGOING	M.Sc (Zoology)	Karnataka State Open University (KSOU), Mysuru-570 006	2024-25

28. Subjects taught for B.Sc Degree students:

- Animal systematics
- Non-chordates
- Chordates
- Cell Biology and Molecular Biology
- Genetics
- Biochemistry
- Immunology
- Biotechnology & Genetic Engineering
- Developmental Biology
- Reproductive Biology
- Techniques in Biology
- Wildlife Biology
- Environmental Biology

- Evolutionary Biology
- Economic Zoology

Date: 31 January 2025

Place: Davanagere

[Dr. Harish Kumar T. S.]
