

CURRICULUM VITAE

Dr. BASAVARAJAPPA S.H.

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Contact No. : 9945700942

PERSONAL DETAILS

Name : **Dr.Basavarajappa S H**

Designation : Assistant Professor
Department of Environmental Science
KuvempuUnivesity, Shankaraghatta
ShivamoghaDistrict. -577451

Father's Name : Hanumanthappa S.B

Date of Birth : 20-06-1979

Permanent address : Dr. Bsavarajappa S.H. S/O
Hanumanthappa S.B (Sannappla)
Bahaddurghatta (post)
Chitradurga (Tq) & (Dist)
Karnataka -577519

Qualification : M, Sc., Ph.D., K-SET., NET. (PDF)

Area of Research : Water pollution, wastewater treatment and Aquatic ecology

WORK EXPERIENCE:

Sl. No.	Designation	Organization	Duration
1.	Effluent treatment plant Engineer	Bannari Amman Sugars Ltd. NANJANGUD	June2006 to June 2007
2.	Lab Chemist Safety and Environmental officer	Bangalore Metallurgicals (P) Ltd. Hoskote industrial area Bangalore.	June 2007 to Aug 2008
3.	Guest Lecturer, Yuvaraja's college Mysore, University of Mysore	Yuvaraja's college Mysore, University of Mysore	August 2011 to Nov 2011.
4.	Guest Lecturer, Fine Arts college Mysore, University of Mysore	Fine Arts college Mysore, University of Mysore	Feb 2012 to April 2012
5.	Guest Lecturer, Govt First Grade College, Periyapatna	Govt First Grade College, Periyapatna	Feb-2012 to April-2012
6.	Training Associate	Environmental Management and Policy Research Institute, Department of Forest, Ecology and Environment. Govt. of Karnataka. HasiruBhavana, Doresanipalya, Vinayaka Circle, J.P.Nagar 5 th Phase ,Bangalore-78	April 2012 to September 2012
7.	Lecturer, DOS in Environmental science	University of Mysore	2012 to 2016

POST DOCTORAL RESEARCH EXPERIENCE:

SL.NO	Designation	Organization	Duration
1.	Post Doctoral Fellow	University of Mysore	Nov-2012 to Feb-2017

NUMBER OF PUBLICATIONS AUTHORED

1. **Basavarajappa S.H**, Raju N.S, Shankar P Hosmani and Niranjana S. R. 2009. Studies on the water quality parameters of four fresh water lakes of Mysore, Karnataka. *Indian Journal of Environment & Ecoplanning*.16 (2-3): 413-418.
2. **S.H. Basavarajappa**, N.S. Raju, S.P. Hosamani and S.R. Niranjana 2010. Algal Diversity and Physicochemical Parameters in Hadinaru Lake Mysore, Karnataka State India. *The Bioscan* 5(3): 377-382.
3. **S. H. Basavarajappa**, N. S. Raju, S.P. Hosamani and S.R. Niranjana. Freshwater diatoms as indicators of water quality of some important lakes of Mysore, Karnataka, India. *Indian Hydrobiology*.
4. **Basavarajappa S.H**, N.S. Raju, Shankar P. Hosmani, Puttaraju H.R. Application of the National Sanitation Foundation Index and the Innovative Water Quality Index to lakes of Mysore District. *OIJRJ*. {Bi-Monthly}, ISSN2249-9598, Volume-III, Issue-V, Sept-Oct 2013.
5. **Basavarajappa S.H**, N.S. Raju and Shankar P. Hosmani. (2014) Limnology: A critical Review. *Current world Environment* an International Journal. Vol.9 (3),741-759.
6. N.S. Raju, C. Roopavathi, M.A. Chandrashekar, M.S.Rakeshsharma and **S.H.Basavarajappa**. Microbiological Quality of Drinking Water in Hotels and Restaurants of Mysore City, Karnataka, India. *Global Journal of Environmental Research* 4 (3): 199-202,ISSN 1990-925X. (2010).
7. **Basavarajappa S.H**,Raju N.S, Supreeth M and Hosmani S.P. (2015). Isolation and Identification of Heterotrophic nitrifying bacteria from sewage sludge. *Indian journal of applied research* Volume 5.Issue-8, August 2015.
8. Sreenivasa, JS Chandrashekar, **SH Basavarajappa**, VG Sharath and Azis Kemal Fauzie (2016) Evaluation of Conventional and Aerobic Farming Practices in a Paddy based cropping System- A case study in Karnataka, India *International Journal of Current Science*. ISSN2250-1770, 19(2) : E 122-127.
9. Sreenivasa, Kishore Kumar, Basavarajappa S.H and Vahidsharifi (2016). Sustainable use of community tank water for command area as adapted through community based

traditional practices: A case study in Karnataka. International journal of science, Environment. ISSN 2278-3687, vol.5, No 3,2016, 1413-1420.

10. Basavarajappa S.H, Raju N.S (2020) Interrelationship between Phytoplankton groups and water chemistry variables in two lakes of Mysore using multivariable analysis. *International Journal of Ecology and Environmental Sciences*. Vol.2, Issues.3, Page No.336-343. (Impact factor: RJIF 5.28)
11. Vibha G, Lingaraj H G, Basavarajappa S H and ShankarammaKalikeri (2022) Influence of Jeevambrutha on Beneficial Soil Microorganisms; A Review, Adalya Journal. Volume11, Issue 1 January(2022).
12. Akanksha P, Lingaraj H G, **Basavarajappa S H** and Shankaramma**K** (2022) Conversion of temple flower waste in to value added product for sustainable utilization A Review, *International Journal of Biology, Pharmacy and allied science* Volume11, (11): 5332-5345.
13. Annapoorna R, Sapna, Lingaraju H G, **Basavarajappa SH**, Vibha G and ShankrammKalikeri (2022) Impacts of Azolla Application on Growth and yield Parameters of Okra Plant (*AbelmoschusEsculentus*)*An International Journal of creative Research Thoughts,An International Journal of creative Research Thoughts*
14. Hinduja Kunderi, Lingaraju Honnur Guusiddappa, **Basavarajappa Sannappla Hanumanthappa**, Shanaramma Kalikeri, (2022) Antimicrobial activity and Phytochemical Analysis of Solvent Extraction of Citrus Reticulate Peels, *World journal of Environmental Biosciences*, Volume11, Issue 2: 20-25.
15. **Basavarajappa S.H**, and Lingaraju H.G (2024), Influence of liquid formulations – Jeevamrutha and Panchagavaya on growth and yield attributes of tomato plant, *International journal of Biology, Pharmacy and Allied Sciences*.13(5):244-2458, ISSN: 2277-4998.
16. **Hanumanthappa B and Basavarajappa S.H**, (2024)Production of biodiesel from algal blooms, *Zygnema spp*, *Ecology, environment and conservation*30(3), pp. (1270-1273),ISSN 0971-765X.
17. **N.M. Guruprasad and Basavarajappa S.H** (2024), Seasonal dynamics of water quality parameters in Aghanashini and sharavathi estuaries: A comparison of a free – flowing river and a dammed river, *Indian Journal of Environmental Protection*. 44(10): pp.(922 – 930). ISSN:0253-7141.

18. VasudhaRanjan, Divya J. **Basavarajappa S.H (2024)**, A study on the impact of expired clonazepam tablet on soil quality, International journal of Biology, Pharmacy and Allied Sciences. Volume14(1) ISSN: 2277 - 4998.
19. VasudhaRanjan, DivyaJ. , V. Balamuralidhara, A.R. Akhila,**Basavarajappa S.H,(2024)**, Comparative study of the effect of Expired and Non-Expired Ranglim Tablet On Soil Quality, EM International Journal. Poll Res. 43 (3-4):275-284 ISSN 0257-8050.
20. **Hanumanthappa B and Basavarajappa S.H, (2024)**. Algae as A Renewable Source of Energy: Biodiesel Production, International Journal – *Ecology, Environment and Conservation* (Accepted).
21. Vasudha ranjan, Divya J, **Basavarajappa S H (2024)**, A study on the fate of expired Amoxicillin antibiotic tablet disposal on soil environment, Scopus indexed journal. Volume-21 Number 4 ISSN: 1539-2422(P) 2055-1583(o).
22. Vasudha Ranjan, Divya. J, Balamuralidhara. V, A.R. Akhila, **Basavarajappa S.H (2024)** Unused and Expired tablets as emerging contaminants and its Impact on soil Quality : A case study of Paracetamol tablet, Scopus indexed journal. Volume-21 Number 4 ISSN: 1539-2422(P) 2055-1583(o).

Book Chapters

1. Lingaraju HG, ShanrammaKalikeri and **Basavarajappa S H(2022)**. An Overview of Ambient Air Quality Changes, Effects and Measures to Prevent Air Pollution with Reference to India. *Ecosystem and Environmental Pollution*, ISBN: 97-93-88854-97-9, Pages: 145-162.
2. **Basavarajappa S H, Rahul M S, Guruprasad N M &UllasaPrasanna S (2022)**. Study on Avian Diversity of Hosanagara Region, Shivamogga Karnataka, *Bharti publications*. ISBN: 978-93-94779-42-6, Pages: 327-347

Books Published

1. **Basavarajappa S.H** and Raju N.S (2016). Plankton Diversity of Lakes of Mysore, Lambert Academic publishing.

LIST OF PAPERS PRESENTED IN NATIONAL& INTERNATIONAL CONFERENCES:

1. National Conference on Current Trends in Environmental Science & Sustainable development, Department of Studies in Environmental Science, University of Mysore.

- 27-28th Feb 2009. **“Carlson’s Trophic State Index in Four fresh water lakes of Mysore District”**.
2. 97th The Indian Science Congress Association at Thiruvananthapuram, 3rd-7th Jan 2010. **“Importance of Trophic State Index in Lakes of Mysore District”**.
 3. National Conference on Plant Diversity and Plant Health, Department of Studies in Botany, University of Mysore. 11-12 March 2010 **“Fresh Water Diatoms as indicators of Water Quality in Mysore District”**.
 4. 103rd The Indian Science Congress Association at Mysore, 3rd-7th Jan 2016. **Interrelationship between Phytoplankton groups and water chemistry variables in lakes of Mysore District”**.
 5. International Conference on Science and Technology: Future Challenges and Solutions-2016 held during 8th -9th August,2016 at Vijnana Bhavan, University of Mysore, Mysuru, Karnataka, India.” **Aquatic biomass degradation and ammonia oxidation using *Bacillus pumilus* SW1 isolated from the sludge of eutrophicated water body”**.
 6. National Conference on “Biodiversity Conservation-Recent Development& Future Strategies” Organized by Department of Wildlife and Management, Kuvempu University on the date of 12-13th July-2018. Title of the topic **Degradation of biomass and ammonia oxidation using *Bacillus Sps.* isolated from the sludge of eutrophicated water body**.
 7. Presented a paper on the title **“Physico-chemical analysis of Dairy Industry effluent and its impact on seed germination and early growth in Zea Maysal (Maize)”**Two days’ National conference on Impact of Chemistry and Biology to the society and industry Dated 20th & 21st May-2022 at Dept. of Industrial chemistry, Kuvempu University.
 8. Presented a paper on the title **Overview of plastic pollution on terrestrial ecosystem of Aghanashini Estuary of Uttara Kannada District, India**, two days International Workshop on Combating plastics pollution in terrestrial environment Dated 14 & 15 March-2023 at JSS Academy of Higher education and Research, JSS University, Mysore.
 9. Presented a poster at National Conference on **“Innovative Microbial Trends and Challenges in the Environment (IMTCE-2020)”**, Department of Microbiology, Kuvempu University on the date of 2nd March 2020. On topic entitled **Biomass degradation and ammonia oxidation using *Bacillus sp.* isolated from the sludge of eutrophicated water body**.

10. Special lecture on **Solid waste management in Urban, India**. Department of Environmental science, Gulbarga university, Kalburgi on 25th August 2022.
11. Special lecture on **Solid waste management in India**. Department of Environmental science, Gulbarga university, Kalburgi on 9th August 2023.
12. Poster presentation at “One Day National Conference on Environment, Health and Sustainable development (EHSD) organized by Department of studies in Environmental Science, University of Mysore, Karnataka, India. On 5th June 2023 for the topic entitled **“Production of Biodiesel from Algal Biomass: Zygnemaspp”**.
13. Delivered an invited talk in the one day national seminar on **Green solutions** held at the department of environmental science Kuvempu university Shankaraghatta on 21st March 2024.
14. Presented a paper Entitled **“Influence of climate change on bivalve resources of Aghanashini Estuary”** In the conference on climate change mitigation, adaptation and Resilience: A Holistic Approach held during 25th and 26th July 2024 at JSS Academy of higher and research, Mysuru.
15. Delivered an invited talk in life series festival with collaborate Azim Premji University at Kuvempu University, Shankaraghatta, Shivamogga on 3rd March to 7th 2025.

Chair/ Co-Chair

1. Chaired a session in an international workshop on **Combating Plastics Pollution In Terrestrial Environment** Dated 14th & 15th March-2023 at JSS Academy of Higher education and Research, JSS University, Mysore.
2. Co chaired a session in two days national conference on **Advances in food technology and Nutrition-2024** organized by the department of food technology, Kuvempu university, Shankaraghatta on 15th and 16th March 2024
3. Chaired a session in the conference on **Climate Change Mitigation, Adaptation And Resilience: A Holistic Approach**, held during 25th and 26th July 2024 at JSS Academy of Higher education and Research, JSS University, Mysore.

DETAILS OF PARTICIPATION IN SEMINAR / WORKSHOP/CONFERENCE:

1. One-day symposium on New Trends and Challenges in SHE Management in Hazardous Industries held at Karnataka State Safety Institute Department of Factories and Boilers on 4th Dec. 2007.
2. One-day seminar on User Awareness Program on Access to e-Resources of UGC-INFONET Digital Library Consortium organized by Department of Library and Information Science, University of Mysore, 21-22 October 2008.
3. National Conference on Current Trends in Environmental Science and Sustainable Development organized by Department of Studies in Environmental Science, University of Mysore, February 27 & 28th 2009.
4. UGC sponsored State level one-day seminar on Genetic Engineering and its impact organized by the Faculty of Life Science, Bharathi College, Bharathinagara on 24th Jan 2009.
5. National conference on Plant Biodiversity and Bioprospecting by Department of Studies in Botany, University of Mysore, 16th & 17th March 2009.
6. Dr. Norman E. Borlaug Commemoration National Conference on Plant Diversity and Plant Health held at Department of Studies in Botany, University of Mysore, Mysore, on 11th & 12th March 2010.
7. National Level Seminar on Advanced Trends & Perspectives in Biotechnology organized by Departments of Biotechnology, Biochemistry & Microbiology in Collaboration with Dept. of Studies in Biotechnology, Manasagangotri, at SBRR Mahajana First Grade College Jayalakshmipuram, Mysore-12. On 8th & 9th March 2010.
8. One-day symposium on Microbial Energy organized by Sir M. Vishweswaraya Chair and Department of Studies in Microbiology, University of Mysore, Mysore on 15th Sept. 2010.
9. Certificate of Appreciation held at University of Mysore, Suvarna Manasa 2011 exhibition conducted from 15th to 24th February, 2011.
10. Scenario mapping, Climate change and Infectious Diseases. October 12th to 14th 2011 at Department of Geography (GIS), Maharaja's College, University of Mysore. Mysore.
11. NABS National Seminar on Biological Products for crop, Animal and Human Health – Problems and Prospects. 21-22 August 2015 at Department of Biotechnology University of Mysore-06.

12. Bio-Medical Waste Management Training Program held on 7th to 9th August 2012 at MGIRED Jakkur Bangalore, Organized by Environmental Management and Policy Research Institute Bangalore-78.
13. Attended Developing MOOC through SWAYAM, workshop on 08th and 09th Jan 2019 at Kuvempu University. Shankaraghatta, Shivamogga, Karnataka, India.
14. Attended conference conducted by EMPRI, Bangalore on 19th August 2020
15. Attended One-day national seminar on Green Solutions held on 21st March 2024 at the Department of Environmental science Kuvempu university.
16. 30th Annual conference and Symposium on Advances in Biotechnology for plant Protection organized by Department of Studies in applied Botany and Biotechnology, University of Mysore, November 17-17, 2008.
17. Future Prospects of Agricultural Biotechnology held on 30th January 2013, organized by SBRR Mahajana First Grade College Jayalakshmipuram, Mysore-12.
18. National Conference on 97th Indian Science Congress held at University of Kerala, Thiruvanthapuram, from 3rd to 7th Jan 2010.
19. National Conference on 103rd Indian Science Congress held at University of Mysore, Mysore, from 3rd to 7th Jan 2016.
20. Modern trends in research methodology. 20th December 2011.at SBRR Mahajana First Grade College Jayalakshmipuram, Mysore-12.
21. Modern trends in research methodology Part-II. 16th April 2013.at SBRR Mahajana First Grade College Jayalakshmipuram, Mysore-12.
22. Applications of SPSS in Research Data Analysis. 4th March 2014. at SBRR Mahajana First Grade College Jayalakshmipuram, Mysore-12.
23. Attended workshop on 06th to 08th Aug 2019 at Higher Education Academy, Dharwad, Karnataka, India.
24. Attended Symposia on 15th and 16th Sep 2019 at 15th Kannada Vijnana Sammelana, Davanagere, Karnataka, India.
25. Attended Developing MOOC through SWAYAM, workshop on 28th June 2019 at Kuvempu University. Shankaraghatta, Shivamogga, Karnataka, India.
26. Attended one-day conference on 02 March 2020 at the Department of Microbiology, Kuvempu University, Shankaraghatta, Shivamogga, Karnataka, India.
27. Attended Symposia conducted by EMPRI, Bangalore on 15th August 2020

28. Attended one-day conference on 18th Aug 2020 at Department of History, Geography, and IQUAC, SBRR Mahajan First grade college, Mysore.
29. Participated in symposia on 20th August 2020 at Sri K Puttaswamy First Grade College, Mysore.
30. Participated in one day Symposia on 16th October 2020 at EMPRI, Bangalore.
31. Attended Two Day National seminar on 22nd and 23rd Feb 2022 at JSS University Department of Life Science, Mysore
32. Attended One Day National Seminar on 29th march 2022 at Department of Environmental science, Kuvempu University.
33. Attended Two Day National Conference on 20th and 21st may 2022 at Department of Industrial chemistry, Kuvempu University, Shankaragatta.
34. Participated in one day workshop on 9th May 2024 at Adani power limited, Udupi.
35. Attended one day workshop on Eco – Awakening : Monitoring and Protecting the Western Ghat's Biodiversity Held at the department of environmental science, Kuvempu university, Shakaraghatta on 11th June 2024.
36. Participated in one day workshop on 10th January 2025 at Department of environmental science, Kuvempu university, Shankaraghatta.

Research Project:

Sr.No	Topic	Funding Agency	Grant Sanctioned	Duration
1	Isolation and characterization of nitrifying bacteria for degrading biomass in eutrophicated water bodies.	Kuvempu University	2 Lakhs	1.1.2021 to 31.12.2021 (1 Year)

AWARDS:

1. Junior Research Fellowship, 2008, by **Rajiv Gandhi National Fellowship Scheme**
2. **“Best poster presentation award”** by Indian Science Congress Association, 2010, Kerala University, Trivandrum.
3. **Post-Doctoral Fellow** 2012, by UGC, New Delhi.

Membership of Professional Bodies

1. Member- Science Faculty, Member -LIC committee,2018 to till date
2. MemberBOE,Dept. of Environmental Science, Kuvempu university-2019 to till date
3. Member BOS(PG) at Dept. of Environmental Science, Kuvempu University, 2021 to till date
4. Member BOS(UG), at Dept. of Environmental Science, Kuvempu University,2021-23
5. MemberBOE,Dept. of Environmental Science, Gulbarga University 2019-20
6. Member BOE,Dept. of Environmental Science, Mangalore University 2019-20
7. Member BOE, at Dept.of Environmental science,Davanagere University,2021-22 & 24-25
8. Assistant Director PMEB,Kuvempu University, Shankaraghatta-2023 to till date.
9. Faculty Advisor, Mayura Hostel-2020 to till date
10. Member BOE(UG), Dept of Environmental Science, Bangalore North University-2024
11. Member, Anti-Ragging monitoring cell, Kuvempu University, 2024 to till date.

Orientation and Refresher course attended

1. Participated in the 113th orientation programme (Environmental Science) from 23rd November 2017 to 20th December 2017, from Academic staff college, University of Mysore.
2. Participated in Refresher course conducted by UGC-HRDC, Bangalore from 14th to 28th Dec 2020.
3. Attended the Refresher course from 17th to 30th Aug 2020 conducted by GFGC-Harihara
4. Attended Refresher course from 03rd October to 16th October 2023 conducted by UGC-HRDC, Goa University’.
5. Participated in 17th Refresher course in Life Sciences (Environmental Science) from 03rd January 2025 to 17th January 2025 conducted by Malaviya mission teacher training center, University of Mysore, Mysore.

Yours,

(Dr.BASAVARAJAPPA S. H.)