

Ms.Vidyashree.S

M.Sc, PhD(Environmental science)

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Objective

PhD-qualified Ecologist and Environmental Scientist with applied experience in ecological surveys, baseline assessments, and consultancy-style ecological reporting. Experienced in contributing to EIA scoping and baseline sections, biodiversity assessments, and desk-based ecological studies. Strong understanding of habitat classification, species identification using field guides, and GIS-supported ecological analysis, with proven ability to work collaboratively with UK-based teams in a remote consultancy environment.

Core Ecological & Consultancy Skills

- Ecological Desk Studies & Baseline Assessments
- Habitat Surveys & Vegetation Classification
- Ecological Impact Assessment (EIA) – Scoping & Baseline Inputs
- Biodiversity Assessment & Reporting
- Species Identification Using Field Guides & Keys
- Environmental Constraints Analysis
- GIS Mapping & Spatial Analysis (ArcGIS, QGIS)
- Data Collation for Preliminary Ecological Appraisal (PEA)
- Technical Ecological Report Writing
- Remote Collaboration & Multidisciplinary Teamwork

Other Training Course detail:

- Attended Training on “**Winter School on Geospatial Science and Technology** (Level 2: Theme – **Water and Environmental Pollution Monitoring using Multi-Source Remote Sensing**)” conducted from 9th March 2023 to 29th March 2023 by the Indian Institute of Space Science and Technology, Valaimala, Thiruvananthapuram, Kerala and Supported by National Geospatial Program-Department of Science and Technology, Government of India, New Delhi. Also have done mini project on ***Change Detection Analysis of Vegetation Cover in the Brahmagiri Wildlife Sanctuary, Western Ghats, Karnataka*** using Google Earth Engine.

- Participated in the Three Days National Skill Development Workshop on “**Application of Remote Sensing and GIS in Sustainable Development**” organized by the Department of Environmental Science, Bangalore University from 15th February to 17th February 2023.
- Participated in the interactive workshop on “**Sustainability and Climate Change**” with faculty and students of *Kanazawa University, Japan* organised by the Department of Environmental Science, Bangalore University on 23rd February 2023.
- Under gone training in the workshop of “**Environmental Impact Assessment**” organized by KSTA, DST, GOK Bengaluru during 07-09 February 2019.
- Participated in the 8th Four Days Online Workshop on “**Introduction to R Programming Language**” organized by Biologia Life Science LLP, Savedi, Ahmednagar, Maharashtra, held from 9th to 12th November 2021.
- Participated in the National Webinar on “**Advances in Geospatial Science & Technology**” organized by the Amity Institute of Geoinformatics and Remote Sensing (AIGIRS), Amity University, Noida, Uttar Pradesh, held from 26th to 30th June 2020.
- Successfully completed the online course on “**Basic Principles of Remote Sensing Technology**” conducted by the Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun, during 13th April to 25th April 2020.
- Successfully completed the 84-hour online course on “**Basics of Remote Sensing, GIS and GNSS**” conducted by the Indian Institute of Remote Sensing (IIRS), *ISRO, Dehradun*, held from 17th August 2020 to 20th November 2020.
- Participated in workshop on “**Basics and Applications of Geoinformatics**” held by KSTA, DST, GoK Bengaluru during 07-09 August 2018. Participated in workshop on “**Plant systematics: concept and Application**” held by Trans-Disciplinary Health Sciences and Technology (TDU) Bengaluru during 11th and 12th October 2018.

Papers and Posters presented in National and International Level Conferences/Seminars:

- Presented a paper on “*Unveiling Patterns of Tree Diversity and Endemism in the Tropical montane Shola Forests of Brahmagiri Wildlife sanctuary, Central Western Ghats.*” At National Conference on ‘Biodiversity Conservation and Climate Change Mitigation for Sustainable Future’ during 25th to 26th March 2025 at College of Forestry, Ponnampet, Kodagu, Karnataka.
- Presented a paper on “*Altitudinal Distribution of Endemic Trees In Brahmagiri Wildlife Sanctuary, Kodagu District, Central Western Ghats*” during the 3rd International Conference on "Biodiversity: Exploration, Exploitation and Conservation for Sustainable Development" during 6-7th March, 2025 at PDUAM, Behali, Assam, India.
- Presented a poster on *Plant Functional traits in Response to climate Change*” during the 12th UGIT International Conference on Climate Change and Sustainable Development of Natural Resources application o Geospatial Technologies held on 15-16th March, 2024.
- Poster presentation at Indian Conservation Conference ICCON 2023, International conference held on 1st April 2023 to 3rd April 2023 at Mysuru, organized by MoEFCC, NTCA, ICFRE, Uttarakhand Forest Department, WII.

- Volunteered and presented poster on “world Environmental day” -2019 on the theme of air pollution, organized by Department of environmental science, Jnanabharathi campus, Bangalore university, Bangalore.
- Presented paper on “Diversity and composition of herbaceous layer in the Jnanabharathi campus, Bangalore university”. In National conference on 16th & 17th November, 2018 organized by Kuvempu university, Shivamogha.

Research Projects

- Worked as Junio Research Fellow under the project **Shola Forest Complex of Karnataka** funded by **Karnataka biodiversity Board** (2021-2024).
- Worked on the project titled **Ecological Footprint Analysis of ESZ of Bandipur Tiger Reserve**
- Worked on **Green audit report** preparation for Bangalore university during the period of 2017-2022.
- Worked on the project titled **Biodiversity and Carbon stock of TVS Motors**, 2023.
- Worked on the report titled “**Assessing Ecological Footprint, Biodiversity and Sustainability practices of NAAC Campus, Bangalore**”, 2022.
- “**Vegetation Characteristics of Jnanabharathi campus Bangalore University**” in comparison with **city Parks & nearby natural forest**. Under the supervision of Dr. B, C Nagaraja. During the period of March- June, 2019.

Papers and book chapters published

- Vidyashree, S., & Nagaraja, B. C. (2019). Diversity, composition, and edible fruit trees in Biopark of Jnanabharathi Campus, Bangalore University. In *Contemporary Environmental Issues: Concerns and Management* (pg.no. 252–256). LAP LAMBERT Academic Publishing.
- Vidyashree, S., Udayakumar, Vishnu, H. V., Sowmyashree, K., Shruti G.R., Harisha R.P., and Nagaraja, B.C (2022), **Herb diversity and their medicinal uses in Biodiversity Conservation area of Jnanabharathi Campus, Bangalore University, Karnataka.** *Biyolojik Çeşitlilik ve Koruma*, 15(1), 73-83.
- Yathisha NS, Lingaraju K, Santhosha D B, Kavana R, Vidyashree S, Sharathchandra R G and Nagaraja B C (2023), **Assessing Tree Resource & their Carbon Sequestration Potential of Tumkur University Campus.** *Trends and innovation in health, nutrition, food, and crop security*, (Pg.no. 31-38). Archers And Elevators Publishing House.
- Santhosh D. B, Yathisha N. S, Lingaraju K, Kavana R, Vidyashree S, Sharathchandra R G* and Nagaraja B C (2023), **Ecological Footprint Audit of Tumkur University.** *Trends and innovation in health, nutrition, food, and crop security*, (Pg.no.154-162). Archers And Elevators Publishing House.
- Nagaraja B C, Prasanna Kumar C N, Vidyashree S., (2020), **Tree diversity and their fruiting attributes in peri-urban Bangalore University Campus.** *The Indian forester*, 146(7), 615-622.
- Vidyashree S, Vijayananda K P, Uday Kumar and Nagaraja B C., (2025), **Diversity and Distribution of Herbaceous Plant Community in the Grassland across an Elevational gradient in the**

Brahmagiri Wildlife Sanctuary, Western Ghats. *International Journal of Environmental Sciences*, 14 (3), 71-77.

- Vidyashree, S., Vijayananda, K. P., & Suresh lamani, BC, Nagaraja. (2025). **Distribution And Functional Trait Variation of The Endemic Tree Species *Litsea Floribunda*** Along an Elevational Gradient in Brahmagiri Wildlife Sanctuary, Western Ghats. *Studies In Science of Science*| ISSN: 1003-2053, 43(12), 685-693.
- Vidyashree.S, Vijayananda K P, and B C Nagaraja (2025), **Influence of Elevation and Climate on Vegetation Structure of Tropical Montane Forest** of Brahmagiri Wildlife Sanctuary, Central Western Ghats (Under Communication).

AWARDS

- Qualified Karnataka State Eligibility Test (KSET) for eligibility for Assistant Professor, during the Period 2021
- Government of Karnataka Cash Prize Money for Securing 5th rank in University for the course MSc Environmental Science (2017)

WORK EXPERIENCE

- PhD entitled “**Shola Forest and Grassland Mosaic of Kodagu and Chamarajanagara Districts, Western Ghats**”, in Bangalore University, Bangalore (2021 to 2025)
- Worked as Junio Research Fellow under the project **Shola Forest Complex of Karnataka** funded by Karnataka biodiversity Board (2021-2024).
- Two year of teaching experience with undergraduate and postgraduate students, in Jnanbharathi campus, Bangalore university. where I delivered lectures, facilitated discussions, and guided students in understanding complex concepts.

Educational Details

Examination	Discipline/ Specialization	School/college	Board/ University	Year of Passing	% Aggregate
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PhD	Environmental science	Jnanabharathi campus,Bangalore University	Bangalore University	2021 to 2025	Completed
M.Sc	Environmental science	Jnanabharathi campus,Bangalore University	Bangalore University	2019	First class Exemplary (5 th rank)
B.Sc	Chemistry, Botany, Biotechnology.	B.M.S College for Women, Bangalore	Bangalore University	2017	First class Distinction
PUC	Physics, Chemistry, Mathematics, Biology.	National College Basavanagudi, Bangalore	Department of Pre university Education.	2014	First class
SSLC	Kannada, English, Mathematics, Science, Social science.	Janatha High School, Bangalore	Karnataka Secondary Education Examination Board	2012	First class

Reference

Dr. B.C. Nagaraja
Professor & Chairman, Department of Environmental Science
Bangalore University, Bangalore
Email: nagenvi@gmail.com

Dr. Rama Rao Nidamanuri
Professor & Chairman, Department of Earth and Space Sciences,
Indian Institute of Space Science and Technology,
Tiruvananthapuram, Kerala
Email: rao@iist.ac.in

Declaration

I hereby declare that all the information furnished above are in accordance with the truth and fact as per my knowledge and I hold the responsibility for the correctness of the above the mentioned particulars.

Place: Bangalore
Date: 20.01.2026

Vidyashree.S

