

DR. PRASHANTH KUMAR G. M.

Assistant Professor
Department of Plant Science (Botany), School of Life Sciences
Central University of Karnataka

Email: prashanthgm@cuk.ac.in | gmpbelur@gmail.com Phone: +919743289757

ACADEMIC PROFILE

My research primarily focuses on Ethnobotany and wild edible plants, with an emphasis on documenting traditional knowledge associated with plant use by local and indigenous communities, scientifically evaluating their nutritional and medicinal potential and promoting biodiversity conservation and the sustainable utilization of plant resources.

TEACHING EXPERIENCE

- **Assistant Professor, Central University of Karnataka (2026–Present)**
- Full time Guest Faculty – Department of Botany, Post Graduate Center
  University of Mysore, Hemagangotri, Hassan (2015- 2025)

RESEARCH EXPERIENCE

Ph.D. Scholar, Central Ayurveda Research Institute, Bangalore, affiliated institute to University of Mysore

Thesis: "Documentation and Nutritional analysis of wild edible plants of Hassan district, Karnataka"

- Guided by Dr. Shiddamallayya N, Research Officer (Botany), Medicinal Plant Research Section, Central Council for Research in Ayurvedic Sciences (CCRAS), New Delhi
- Conducted systematic field surveys in forest and rural areas
- Experienced in the preparation, accession, and maintenance of herbarium specimens

PUBLICATIONS

1. Amara K.V, Prashanth Kumar, G. M. and Rajkumar H. Garampalli. 2025. Inventory of traditional medicinal plants and ethnobotanical knowledge from Hassan District, Karnataka, India. Journal of Threatened Taxa 17(6): 27035–27063.
2. Amara K.V, Prashanth Kumar, G. M., N. Shiddamallayya and Rajkumar H. Garampalli. 2024. Indigenous Uses of Angiospermic Parasitic Plants of Hassan District, Karnataka. Indian Forester, 150(11), 1062–1069.
3. Prashanth Kumar, G. M and N Shiddamallayya. 2022. Glimpse of Herbaceous and Woody Climbers of Hassan District, Karnataka. Nelumbo (The Bulletin of the Botanical Survey of India) 64(1): 152-170.
4. Prashanth Kumar, G. M and N Shiddamallayya. 2022. Medicinal plants of Arunachal Pradesh used in Ayurveda preparations: An overview. Journal of Drug Research in Ayurvedic Sciences 7:11-22.
5. Prashanth Kumar, G. M and N Shiddamallayya. 2022. Invasive Alien Plant Species of Hassan District, Karnataka. Journal of Threatened Taxa, 14 (9): 21751-21902.
6. Prashanth Kumar, G. M and N Shiddamallayya. 2022. Documentation of Plant Species in Home gardens of Three Physiographic Regions of Hassan District. Indian Journal of Ecology 49(2):569-580.
7. Prashanth Kumar, G. M and N Shiddamallayya. 2022. Uses of aquatic and wetland plants of Hassan district, Karnataka, India. Journal of Economic and Taxonomic Botany Vol. 44 (1-4): 86-95.

8. Prashanth Kumar, G. M and N Shiddamallayya. 2021. Nutritional and anti- nutritional analysis of wild edible plants in Hassan district of Karnataka, India. Indian Journal of Natural Products and Resources (IJNPR), 12(2): 281-290.
9. Prashanth Kumar, G. M and N Shiddamallayya. 2018. Studies on Some Promising Fodder Plants of Hassan District, Karnataka. Indian Forester, 144 (12): 1216-1221.
10. Prashanth Kumar, G. M and N Shiddamallayya. 2016. Survey of wild medicinal plants of Hassan district, Karnataka. Journal of Medicinal Plants Studies 4(1): 91- 102.
11. Prashanth Kumar, G. M and N Shiddamallayya. 2017. Utilization of ethano- veterinary medicinal plants in Hassan district of Karnataka, India. International Journal of Pharmacy and Pharmaceutical sciences 9 (4): 107-112.
12. Lava Chikkappaiah, Harish Nayaka M. A., Mahadevaiah and Prashanth Kumar G. M. 2017. Preparation of plant mucilage clarificants and their effect on jiggery processing of sugarcane variety co 86032. International Journal of Pharmacy and Pharmaceutical sciences 9 (12): 32-36
13. Lava Chikkappaiah, Harish Nayaka M. A, Manohar M. P, Vinutha C and Prashanth Kumar G. M. 2017.Effect of plant mucilage clarificants on physical and chemical properties of jiggery. International Journal of Recent Scientific Research 8 (11): 20663-20669
14. Prashanth Kumar, G. M., Lava, C. and N Shiddamallayya. 2016. Nutritional analysis of edible wild plants used by Hakki Pikki tribes of Hassan district, Karnataka, India. International Journal of Pharmacy and Pharmaceutical sciences 8 (8): 390-393.
15. Prashanth Kumar, G. M and N Shiddamallayya. 2016. Ethnotoxic knowledge of poisonous plants of Hassan district, Karnataka, India. International Journal of Applied Biology and Pharmaceutical Technology 7 (2): 200-204.
16. Prashanth Kumar, G. M and N Shiddamallayya. 2016. Survey of wild medicinal plants of Hassan district, Karnataka. Journal of Medicinal Plants Studies 4(1): 91- 102.
17. Prashanth Kumar, G. M and N Shiddamallayya. 2016. Survey of wild edible fruits in Hassan forest division, Karnataka, India. Journal of Biodiversity and Environmental Sciences 8 (6) 57-66.
18. Prashanth Kumar, G. M and N Shiddamallayya. 2016. Wild edible plants of Hassan district, Karnataka: a role in Ayurvedic formulation. International Journal of Herbal Medicine 4(1):16-24.
19. Prashanth Kumar, G. M and N Shiddamallayya. 2015. Ethanobotanical study of less known wild edible plants of Hakki Pikki tribes of Angadihalli, Hassan district, Karnataka. Journal of Medicinal Plants Studies 3(5): 80-85.
20. Prashanth Kumar, G. M and N Shiddamallayya. 2014. Documentation of wild plant tubers as food resources in Hassan district, Karnataka. International Journal of Applied Biology and Pharmaceutical Technology 5 (2): 90-95.
21. Prashanth Kumar, G. M and N Shiddamallayya. 2014. Documentation of wild leafy vegetables of Hassan district, Karnataka. International Journal of Pure and Applied Bioscience 2 (1): 202-208.

EDUCATION

Year	Qualification	Institution
2012 – 2018	**Ph.D. – Botany**	Central Ayurveda Research Institute, Bangalore affiliated institute to University of Mysore
2011 – 2012	**M. Phil -Seed technology**	DOS in Biotechnology, University of Mysore
2008 – 2010	**M.Sc. – Botany**	DOS in Botany, University of Mysore, Mysuru
2005 – 2008	**B.Sc. – Botany, Biochemistry, Zoology**	Yuvaraja's college, University of Mysore, Mysuru
2013	**KSET (SLET) – Life Sciences**	University of Mysore, Mysuru

POSTGRADUATE DISSERTATION GUIDANCE

Guided 20 M.Sc. Botany postgraduate dissertations in the areas of plant diversity, ethnobotany, plant anatomy, and ecology.

CONFERENCES ATTENDED

- National Conference conducted by Department of Studies in Botany on the theme on "Plant Biodiversity and Bioprospecting" held at University of Mysore, Mysore (March 16-17) 2009.
- National Conference conducted by Department of Studies in Botany on the theme "Plant Diversity and Plant Health" held at University of Mysore, Mysore (March 11& 12) 2010.
- "ISMPP south zone conference on Fungal diversity and emerging crop diseases" conducted by Department of Studies in Botany held at University of Mysore, Mysore (12th&13th May) 2011.
- Two day national lecture series on bio-Prospecting for sustainable development conducted by Institution of Excellence, University of Mysore, Mysore (29th&30th) 2012.
- National workshop on conservation of RET medicinal plants held at Indian Institute of Horticultural Research and FRLHT, Bangalore (19&20th June) 2013.
- One day National Conference on "Challenges Ahead for Conservation and Sustainable Development" held on 26th at AVK College for Women, Hassan 2015.
- NABS National Seminar on Biological products for Crops, Animal and Human Health problems and Prospects held on 21-22 August 2015.
- Attended "103rd Indian Science Congress-2016" held on 3rd-7th January at University of Mysore.
- One day National Conference on "Science and Technology for Sustainable Society" held on 29th March at AVK College for Women, Hassan 2016.
- National seminar on Ornamental plants-Scope. Opportunities and Challenges held on 21st and 22nd March 2017 at Maharani's Science College for Women, Mysore.
- National seminar on new trends in botany held at 11-12 September 2025 at department of Botany, university of Mysore

TRAINING COURSE/WORKSHOPS

- Attended national workshop on "Conservation of RET medicinal plants" held at Indian Institute of Horticultural Research and FRLHT, Bangalore (19&20th June 2013).
- Participated and attended training course on "Classical and Modern Trend in Plant Taxonomy and Biosystematics" at CSIR- NATIONAL BOTANICAL RESEARCH INSTITUTE, Lucknow (3-12th March 2014).
- Participated and attended workshop on "BOTANICAL NOMENCLATURE" at Department of Botany, Bangalore University, Bangalore (26 March 2026)
- Participated one-day user awareness Programme on Central library e- resources ONOS, Turnitin, Gramarly, Scopus and SCC online organized by the central library, Central University of Karnataka, Kalaburagi on 23 July 2026.

TECHNICAL & RESEARCH SKILLS

Plant Taxonomy: Identification, classification, and documentation of plant species using standard floras, taxonomic keys, and herbarium techniques

Field Research Methods: surveys, plant specimen collection, and interaction with local communities for traditional knowledge documentation.

Research Areas: Plant Taxonomy, Medicinal Plants, Wild Edible Plants