

## Curriculum Vitae

### Personal Details

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Name Govardhana G Y

Date of Birth 19<sup>th</sup> March, 1995

Correspondence address Assistant Professor, Department of Botany, A. D. B. First Grade College, Harapanahalli, Vijayanagara (dist) – 583131.

Joined institution on 02<sup>nd</sup> September 2022

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### Academic Details

Qualification	University	Year	Subject/s	% Achieved	Remark
Ph.D.	Karnatak University, Dharwad, Karnataka	Pursuing	Botany	-	-
M.Sc.	Karnatak University, Dharwad, Karnataka	2018	Botany	69.40 %	First Class
B.Sc.	VSK university, Ballari, Karnataka	2016	Botany, Zoology, Chemistry	80.43 %	Distinction

### Exams Cleared

Qualification	University	Year	Subject	Rank
KSET	KSET Center, University of Mysore, Mysuru.	2017	Life Science	Not applied
GATE	Indian Institute of Technology Madras, Chennai.	2019	Life Science	All India Rank - 2062

### Research Publications

1. Murthy HN., **Yadav GG**, Dewir YH, Ibrahim A (2021) Phytochemicals and biological activity of Desert date (*Balanites aegyptiaca* (L.) Delile). Plants 10: Article no. 32. <https://doi.org/10.3390/plants10010032>
2. Murthy HN, **Yadav GG** (2021) Chemistry and biological activities of *Garcinia* resin. In: Murthy HN (eds) Gums, resins and latexes of plant origin. Reference Series in Phytochemistry. Springer, Cham. [https://doi.org/10.1007/978-3-030-76523-1\\_24-1](https://doi.org/10.1007/978-3-030-76523-1_24-1)

3. **Yadav GG**, Murthy HN (2022) Analysis of phenotypic variation and selection of superior genotypes of *Balanites roxburghii* Planch. from South India. Genet Resour Crop Evol 69(5):1993-2009. <https://doi.org/10.1007/s10722-022-01366-x>
4. **Yadav GG**, Manasa V, Murthy HN, Tumaney AW (2023) Chemical composition and nutraceutical characterization of *Balanites roxburghii* seed oil. Journal of Food Composition and Analysis 115:104952. <https://doi.org/10.1016/j.jfca.2022.104952>
5. **Yadav GG**, Murthy HN, Dewir YH (2022) Nutritional Composition and In Vitro Antioxidant Activities of Seed Kernel and Seed Oil of *Balanites roxburghii*: An Underutilized Species. Horticulturae 8(9):798. <https://doi.org/10.3390/horticulturae8090798>
6. Murthy HN, **Yadav GG** (2022) Indian Gooseberry (Amla) (*Phyllanthus emblica* L.). In: Sivakumar D, Netzel M, Sultanbawa Y (eds) Handbook of Phytonutrients In Indigenous Fruits And Vegetables. CABI Books. CABI International, pp 490–514. <https://doi.org/10.1079/9781789248067.0033>
7. Murthy HN, **Yadav GG**, Kadapatti SK, Sandhya M (2023) Phytochemical analysis, GC–MS identification of bioactive compounds, and in vitro antioxidant activities of resin of *Garcinia indica* (Thouars) Choisy. Applied Biochemistry and Biotechnology (2023). <https://doi.org/10.1007/s12010-023-04343-x>
8. Murthy HN, **Yadav GG**, Bhat MA (2023) Bioactive compounds of pteridophytes. In: Murthy HN (eds) Bioactive compounds in bryophytes and pteridophytes. Reference Series in Phytochemistry. Springer, Cham. [https://doi.org/10.1007/978-3-030-97415-2\\_10-1](https://doi.org/10.1007/978-3-030-97415-2_10-1)
9. Murthy HN, **Yadav GG**, Kadapatti SS, Pote AH, Jagali R, Yarashi V, Dewir YH (2023) Evaluation of the Nutritional, Phytochemical, and Antioxidant Potential of *Rourea minor* Fruits: An Underutilized Species. Horticulturae 9: 606. <https://doi.org/10.3390/horticulturae9050606>

### Conferences attended

1. 2022: Participated in 28<sup>th</sup> Indian Convention of Food Scientists and Technologists (ICFoST) and presented a poster entitled as “**Nutraceutical profiling of *Balanites roxburghii* seed oil**” (Authors: Yadav GG, Manasa V, Tumaney AW, Murthy HN).

## **Area of Interest**

- Understanding the life mechanism of plants and their interaction with surrounding environment.
- Nutritional characterization of wild edible plants.
- Exploration of germplasm of underutilized medicinal and edible plants.
- Domestication of plant species for their valuable natural products.

## **Vision**

- To contribute the growth of institution to be a dynamic centre for teaching and research with high quality research
- To encourage the students, to be intellectuals through engaging themselves in critical thinking, research and reflection about society and proposes solutions for challenges by integrating facts and theories.

I am fascinated by the teaching profession as it provides a suitable atmosphere to spread the knowledge that I acquired throughout my research journey. Moreover, science is like a great river that will keep flowing and where I can grow along.

Place: Harapanahalli

Date: 30<sup>th</sup> May 2023



(Govardhana G Y)