

## CURRICULUM VITAE

Name : **Dr. Rama Bhat P.**

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### Educational Qualifications:

Examination passed	School/College	Year of passing	Percentage of marks
S.S.L.C.	SSLC Board	1983	62.3
P.U.C.	St. Aloysius College, Mangalore	1985	51.5
B.Sc.	St. Aloysius College, Mangalore	1988	69.2
M. Sc.	MangaloreUniversity	1990	69.9
M. Phil.	MangaloreUniversity	1994	I <sup>st</sup> Class - Distinction
Ph. D.	MangaloreUniversity	2000	--

**Ph.D. Thesis:** Rhizosphere mycoflora of some members of Myristicaceae of the Western Ghats of Karnataka.

### Other qualifications:

1. NET/SLET: **SLET** for Lectureship in 1996
2. Cleared Graduates Aptitude Test for Engineering (**GATE**) with the score of 81.3 percentile in 1991

Recipient of International Scientist Award "Outstanding Scientist Award 2021".

### One patent accepted.

**Main areas of research:** Biotechnology, Microbiology, Immunomodulation, Herbal formulation, Plant tissue culture, Biodiversity and Conservation

**Teaching and Research experience:** 30 years teaching and Research

- a) Worked as JRF from 1990 - 1992 in Sharavathi Tail Race Project entitled "Conservation of Flora and fauna of Gersoppa" sponsored by Karnataka Power Corporation, Govt. of Karnataka.
- b) M. Phil. degree entitled "Studies on *Myristica fatua* Houtt. var. *magnifica* (Beddome) Sinclair, an endemic taxon of the Western Ghats" during 1992-93.
- c) Worked as RA during 1993- 1995 under MacArthur Project "Studies on the Western Ghats of Karnataka- Conservation of Flora and Fauna and its Plantlore" sponsored by MacArthur Foundation, USA.

- d) Worked as Project Assistant during 1995-96 in FRLHT Project on "Conservation of Medicinal Plants in Charmadi and Subramanya areas of Karnataka" sponsored by FRLHT Project, Bangalore.
- e) Involved in identification and preparation of manuscripts on Medicinal Plants, sponsored by Vijaya Bank Chair at Mangalore University.
- f) Worked as Senior Scientific Assistant during 1995 - 1998 under KIOCL Project "Studies on conservation of plant biodiversity and ecorestoration of abandoned mines of Kudremukh" sponsored by Kudremukh Iron Ore Company Ltd., Bangalore.
- g) Worked as Research Associate during 1998-2000 under IPGRI Project "Studies on Rattans of Dakshina Kannada and Kodagu districts of Karnataka with particular reference to species diversity, density of population, seed viability and seed germination" funded by IPGRI, Malaysia.
- h) Worked as Project Officer during 2000-2004 under "Pilikula Nisarga Dhama Project on *Ex situ* Conservation" funded by Indo-Norwegian Environment Program, Bangalore.
- i) During 1993-2004 engaged theory classes and practical for PG students in Applied Botany Department, Mangalore University in subjects like Microbiology, Plant pathology, Plant physiology and biochemistry, Tissue culture and micro-propagation.
- j) Actively involved in delivering lectures in high schools and colleges of the Dakshina Kannada in environmental awareness programs and conservation of medicinal plants. One of the core activity as resource person in the eco-education training programs for the teachers and students of eco-clubs in 200 high schools of Dakshina Kannada and Udupi districts constituted by the Govt. of Karnataka.
- k) Currently working as Prof. & Head, PG Dept. of Biotechnology at Alva's College, Moodbidri, Mangalore, Karnataka (since June 2004).

**Publications: Total publications – 90+** (in National and International reputed Journals)

**List of publications in last 3 years**

Divya Kanimilli and Rama Bhat P. 2020. Isolation and characterisation of endophytes from *Myristica malabarica* Lam. and their bioassay. *International Journal of Pharmaceutical Sciences and Research* **11**(12): 6413-6424.

Bindu C, Rama Bhat P. and Mahesh KM. 2020. Generation of polyclonal antibodies against *Costus speciosus* (Koen.ex. Retz.) Smith phytoconstituents using peptide conjugated immunogen. *International Journal of Emerging Technologies and Innovative Research* **7**(2): 1093-1096.

Bindu C, Rama Bhat P. and Mahesh KM. 2020. Assessment of cytochrome P- 450 enzyme activity in diabetic rat treated with *Costus speciosus* plant extract. *International Journal of Emerging Technologies and Innovative Research* **7**(2): 355-357.

Swathin Naik and Rama Bhat P. 2020. Synthesis of calcium carbonate crystals by using bacterial strains and their characterization. *AEAEUM Journal* **8**(7): 1777-1812.

Dhanya P. and Rama Bhat P. 2020. Pharmacognostical study of leaf of *Antidesma menasu* Miq. and identification of bioactive compounds by GC-MS analysis. *Journal of Advanced Scientific Research* **11** Suppl. 5:48-53.

Dhanya P. and Rama Bhat P. 2020. Evaluation of Pharmacological Activities of the Leaf Extracts of

*Antidesma menasu* Miq. *International Journal of Scientific Research in Biological Sciences* **7**(3): 46-50.

Prajna P.S. and Rama Bhat P. 2020. Comparison of the antioxidant properties of various solvent extracts from *Loeseneriella arnottiana* Wight root. *Journal of Advanced Scientific Research* **11** Suppl. 5:134-139.

Arpana, Fernandes Charlette, Nikhila Jain, Rama Bhat P & Mahesh Bhat. 2020. Green synthesis of Selenium nanoparticles and their therapeutic applications. *AEAEUM Journal* **8**(11): 217-237.

Prajna P.S. & Rama Bhat P. 2020. Antihyperlipidemic effect of *Loeseneriella arnottiana* Wight root in streptozotocin induced diabetic rats. *AEAEUM Journal* **8**(10): 1477-1485.

Gagana B. and Rama Bhat P. 2020. *In vitro* anticancer and cytotoxic activity of extracts of *Gymnacranthera farquhariana* (Hook. f. & Thomson) Warb. - an endemic plant on cancer cell lines. In *Proceedings of International e-Conference on Current Science and Technology for Sustainable Society-2020 - Journal of Advanced Scientific Research* **11**: 17-22.

Bhavyashree P V, Raghavendra Rao B. and Rama Bhat P. 2020. A study on plant growth promotional and antagonistic properties of Lactic acid bacteria. In *Proceedings of International e-Conference on Current Science and Technology for Sustainable Society-2020 - Journal of Advanced Scientific Research* **11**: 01-10.

Rama Bhat P, Fouzana Nikhath. 2020. Evaluation of pharmacological properties of *Selaginella delicatula* (Desv. ex Poir.) Alston - an endemic taxon of the Western Ghats of Karnataka, India. In *Proceedings of International e-Conference on Current Science and Technology for Sustainable Society-2020 - Journal of Advanced Scientific Research* **11**: 43-51.

Preaksha KK, Sadhvi S. and Rama Bhat P. 2021. *In vitro* studies of *Capsicum frutescens* L. *Proceedings of International e-Conference on Innovations in Science, Technology, Commerce and Management for the welfare of Society -2021*. *Journal of Advanced Scientific Research* **12**: 52-56.

Gagana B. and Rama Bhat P. 2022. Anticancer and cytotoxic activities of *Gymnacranthera farquhariana* (Hook. f. & Thomson) Warb. extracts on cancer cell lines. *Dickensian Journal* **22**(5): 1961-1971.

Gauthami, Annapoorna, Rama Bhat P. 2022. Biochemical, antimicrobial, antioxidant and palynological activities of honey. *International Journal of Advances in Pharmacy Medicine and Bioallied Sciences* **10**(2): 28-36.

Gagana B. and Rama Bhat P. 2022. Phytochemical analysis and anticancer activity of leaf, bark, and seed extracts of *Gymnacranthera farquhariana* (Hook. f. & Thomson) Warb. *Medicinal Plant (An International Journal of Phytomedicines and Related Industries)* **14**(4): 553-563.

Nayana V. and Rama Bhat P. 2023. Plant mediated synthesis of silver nanoparticles from *Loeseneriella arnottiana* Wight and its antimicrobial activity. *Journal of Biological and Chemical Research* **40**(1): 31-38.

**Symposium / Seminars / Conferences / Workshops attended: 70+** and presented research papers and served as Resource person in **20+** National/International Conferences and Moderator.

**Other information:**

- 1.** Organized One-day National Seminar on "*Recent Trends and Future Prospects in Biotechnology*" on 15-10-2009 at Alva's College, Moodbidri.
- 2.** Organised Two-day National Conference on "*Perspectives of Biotechnology in Health and Industry*" on 24-25 February 2012 at Alva's College, Moodbidri.
- 3.** Organized Two-day National Level Hands-on Workshop on "*Molecular Biology and Bionanotechnology*" in association with Centre for Bioscience and Nanoscience Research, Coimbatore on 8-9 February 2013 at Alva's College, Moodbidri.
- 4.** Organized "World Ozone Day Celebration-2013" program in association with Karnataka State Pollution Control Board, Mangalore on Monday 16th September 2013 at Alva's College, Vidyagiri, Moodbidri.
- 5.** Organised Two-day National Conference in association with KSPCB, Mangalore on "Advances in Environmental Biotechnology for Sustainability" on 6-7 February 2015 at Alva's College, Moodbidri.
- 6.** Organised One-day National Conference in association with KSPCB, Mangalore on "Trends and Innovations in Marine Biotechnology" on 26th February 2016 at Alva's College, Moodbidri.
- 7.** Organised One-day National Conference in association with KSPCB, Mangalore on "Current trends in Drug discovery, designing and development" on 23rd February 2017 at Alva's College, Moodbidri.
- 8.** Organised One-day Alumni sponsored International Conference in association with KSPCB, Mangalore on "Recent Vistas in Science and Technology & its relevance to Biological Sciences" on 2<sup>nd</sup> March 2018 at Alva's College, Moodbidri.
- 9.** Two Days Workshop on "Soil and Biodiversity" organised by Alva's Institute of Engineering & Technology and Alva's Degree College, Moodbidri and Supported by Regional Remote Sense Center (South) - ISRO, Bangalore, and Govt. of India on 6-7 March 2018 held at AIET, Mijar.
- 10.** Organized *Alumni Sponsored one day National Conference* in association with Karnataka State Pollution Control Board, Mangalore on "Secondary Metabolites and Healthcare" on 23<sup>rd</sup> February 2019 at Alva's College, Moodbidri.
- 11.** Organized *Alumni Sponsored one day National Conference* in association with Karnataka State Pollution Control Board, Mangalore on "Current Advances in Medical and Industrial Biotechnology" on 20<sup>th</sup> February 2020 at Alva's College, Moodbidri.
- 12.** Organized *Alumni Sponsored one day International e-Conference* in association with Karnataka State Pollution Control Board, Mangalore on "Post Covid developments in Biological Sciences" on 5<sup>th</sup> March 2021 at Alva's Institute of Engineering and Technology, Mijar, Moodbidri.
- 13.** Organized *Alumni Sponsored one day International Conference* in association with Karnataka State Pollution Control Board, Mangalore on "Frontiers in Food and Pharmaceutical Biotechnology" on 26<sup>th</sup> July 2022 at Alva's College, Moodbidri.
- 14.** Organized *Alumni Sponsored one day National Conference* in association with Karnataka State Pollution Control Board, Mangalore on "Recent Innovations in Medical and Environmental Biotechnology" on 5<sup>th</sup> May 2023 at Alva's College, Moodbidri.

Recognised **Ph.D. Guide** by Mangalore University, Karnataka.

Presently three people registered and working for Ph.D., one submitted. **FOUR AWARDED**

Served as external examiner for 4 Ph.D. Thesis from Kannur University, Bharathiar and Nitte University.

### **Research Projects and Grants:**

Title of the project: **Preservation of raw materials and end products of herbal medicines by Radiation (2009-2013)**

Awarder : Board of Research in Nuclear Sciences (BRNS), BARC, DAE, Govt. of India

Awardee : Dr. Rama Bhat P.

Amount : Rs. 17.2 lakhs

Duration : Three years

Two **SPiCE projects** (2011-12, 2014-15), Sponsored by VGST, DBT, Govt. of Karnataka for PG students under my guidance have been sanctioned and completed.

Served as Chairman of BOE in Biotechnology of Mangalore University (UG), Served as a member of BOS and BOE of UG and PG Biotechnology and Biochemistry of Mangalore University, Serving as a member of BOS and BOE of UG Biochemistry of Mangalore University, Served as a member of BOS and BOE of UG Biotechnology of St Agnes College, St Aloysius College, Mangalore and Yenepoya First Grade College, Mangalore, Served as an external examiner at Manipal University, Manipal, Sikkim Manipal University and Kuvempu University, Shimoga, PC Jabin College, Hubli, PG Biotechnology, St Aloysius College, Mangalore, Nitte University and Yenepoya University.

### **Served as Research Paper Reviewer for 25+ international journals.**

Chief Editor – *Alvas Journal of Science* – A Multidisciplinary Research Journal

Editorial Board member of : *European Journal of Biology, International Journal of Emerging Engineering Applications in Biosciences, International Journal of Biological Sciences, Global Journal of Parasitology, Alva's Prajnaanam, European Journal of Biotechnology and Bioscience, Plant Cell Biotechnology and Molecular Biology*

Associate Editor – *Advances in Microbiology, Virology & Immunology Journal*

	<b>All</b>	<b>Since 2015</b>
<b>Citations</b>	3254	890
<b>h-index</b>	27	14
<b>i10-index</b>	62	23