

STAFF PROFILE : Dr. B.RAMYA

1. Name : **Dr. B.RAMYA**
2. Designation : Assistant Professor
3. Qualification : M.Sc., M.Phil., Ph.D.,
4. Mobile number : 9750968810
5. E-mail id : ramyagps06@gmail.com
6. Teaching Experience :
 - UG : 20 years 10 months
 - PG : 18 years 6 months
 - M. Phil : 9 years 6 months
7. Area of specialization :
 - Phytotherapeutics
 - Cancer Biology
8. No. of Patent Published : 01
9. No. of Papers Published : 28
10. No. of Book chapter Published : 02
11. Responsibilities held :
 - Exnora Co-Ordinator
 - Core member - NAAC (IV)
 - Core member – Alumnae association
 - Core member – PTA
 - Member - Women Empowerment Wing
 - Member - NAAC (V)
 - Member in CICRSD
 - Member in IQAC
 - Member in Fine Arts
 - Member in HRD
 - Member –Research Committee
 - Member IAEC
12. Membership in professional bodies : UG, PG and M.Phil Evaluation Board, Bharathidasan University, Tiruchirappalli.
13. Life time membership :
 1. DELSA Membership
 2. Healthcare and Biological Sciences Research Association (HBSRA)
 3. Teaching and Education Research Association (TERA)
14. Projects Guided :
 - M.Phil. : 35
 - M.Sc. : 105
 - B.Sc., : 10 (Group project)
15. _Seed grant Received :
 - 2018 - 2019 – Rs: 10,000/-
 - 2019 - 2020 – Rs: 20,000/-
 - 2020 - 2021 – Rs: 18,000/-

16. _COVID Awareness Quiz : Conducted “Covid Awareness Quiz” for students and public on 16.05.2020. Totally 1800 participants participated and received e-Certificates.
17. _Off Campus Exposure Visit : Off Campus Exposure Visit on “Cultivation of Cardamom and Other Species Crops” Organized by Division of Transfer of Technology- INDIAN CARDAMOM RESEARCH INSTITUTE Kumuli.

Book Chapters Published:

S.No	Book	Edition	year	Chapter
1.	CRISPR and Plant Functional Genomics eBook ISBN9781003387060	1st	2024	Genome Editing in Ornamental Plants (17)
2.	CRISPR and Plant Functional Genomics eBook ISBN9781003387060	1st	2024	Advances and Perspectives in Genetic Engineering and the CRISPR/Cas-Based Technology for Oil Crop Enhancement (20)

Orientation course

1. Participated 28 days Orientation course conducted by **UGC Academic Staff College**, Bharathidasan University, Trichy from 01.11.2004 – 28.11.2004.

Research Publications:

Total Published: 28

S.NO	Research article
1.	Ramya B and Nagaraju Permandla, “Screening of Phytochemicals in <i>Nigella sativa L. by using GC-MS Technique</i> ”, Indian Journal of Natural Sciences, 2010:1(1) ISSN: 0967-0997, pp 14-18.
2.	Ramya B , Viji kumar s, Natarajan S, John Vasanth J and Muthuramsanjivi, “Isolation and Characterization of Bioactive Metabolites in <i>Cuscuta relexa</i> Roxb”, Indian Journal of Natural Sciences, 2010:1(2), ISSN: 0976-0997, pp 134-139.
3	Vijayalakshmi P, Ramya B and Kalaichelvam P.T, “Partial Purification and Characterization of Bacteriocin-producing <i>Lactobacillus acidophilus</i> Isolated from Cow Milk”, <i>Research Journal of Biological Sciences</i> , 2012:4(1), ISSN: 0974-4177, pp 19-29.
4	Senthil R, Ramya B and Deivanai K, “Effect of Probiotics on Tilapia and Common Carp- Based on Growth Performance and Feed Additive Prevention of Fish Diseases”, <i>Research Journal of Biological Sciences</i> , 2012:4(1), ISSN: 0974-4177, pp 34-40.

5	Kalaichelvan P.T, Ramya B and Angalaeswari V, “Analysis of the Phytochemicals and Antimicrobial Activity of the Bracket Fungus”, <i>Research Journal of Biological Sciences</i> , 2012:4(1), ISSN: 0974-4177, pp 47-53.
6	Senthil.R, M.Hemalatha and B.Ramya “Assessment of Serum lipid profile in Renal failure patients”, <i>Research Journal of Biological Sciences</i> , 2012:4(2), ISSN: 0974-4177, pp 27-35.
7	Vijayakumar A.S, B.Ramya , S.Vijikumar and K.Ramanathan “Phytosynthesis of Silvernano Particles in Crude Latex Extracts of <i>Calotropis procera</i> L., <i>Pergularia daemia</i> L., and <i>Sarcostemma intermedium</i> Decne, Indian Journal of Natural Sciences,2013:3(19) ISSN:0967-0997,pp 1370-1376.
8	Anis Fatima M., B.Ramya , S.Vijikumar and K.Ramanathan “Green Synthesis of Silver Nanoparticles and Structural Elucidation of Root extract of <i>Hemidesmus indicus</i> R.Br. with Docking study for Anti-Cancer activity”,Indian Journal of Natural Sciences,2013:3(19) ISSN:0967-0997,pp 1377-1382.
9	T. Malarvili, B. Ramya and S. Vijikumar. Phytosynthesis of Silvernano Particlesin Crude Latex Extracts of <i>Calotropisprocera</i> L., <i>Pergulariadaemia</i> L. and <i>Sarcostemma intermedium</i> Decne. NANO VISION.(2015)5(4-6), 107-114, (Impact Factor 4.93)
10	Ramya B. , T. Malarvili and S. Velavan. 2015. Evaluation of Phytoconstituents of <i>Bryonopsis laciniosa</i> fruit by UV-Visible Spectroscopy and FTIR analysis. <i>Pharmacognosy J.</i> , 7(3):165-170.(Impact Factor:3.4)
11	Ramya, B. , T. Malarvili and S. Velavan.2015. GC-MS analysis of Bioactive Compounds in <i>Bryonopsis laciniosa</i> Fruit Extract. <i>International Journal of Pharmaceutical Sciences and Research</i> , 6(8):1000-1005.(Impact factor:3.76)
12	Ramya, B. , T. Malarvili and S. Velavan.2015.In Vitro Antioxidant Activity of <i>Bryonopsis laciniosa</i> Fruit Extract. <i>Indian Journal of applied research</i> .5(9):262-266.(Impact factor:4.89)
13	Ramya, B. , T. Malarvili and S. Velavan.2015. Micronutrients And Vitamin Analysis Of <i>Bryonopsis Laciniosa</i> Fruits . <i>Int J Pharm Bio Sci</i> 2015 Oct ; 6(4): (B) 265 – 273.(Impact factor:6.26)
14	E.Ponmozhi and Ramya B. Anti-Anemic Activity <i>Murraya Koenigii</i> Leaves On Phenylhydrazine Induced Anemia In Rats <i>World Journal of Science and Research</i> 1(1): 1-8(2015)ISSN: 2455 2208
15	Sumithra T, Malarvili. T. Ramya B. ,Hypolipidemic effect of <i>Bryonopsis laciniosa</i> fruit in high fructose fed rats Asian Journal of Innovative Research (2016): 1(1) 6-10.ISSN 2 455 7285.
16	B.Ramya B.Varalakshmi, T.Karpagam, A.Shanmugapriya, J.Sugunabai,P.Anitha, Abirami, K.Parkavi,W. Esther Rani, S.Kaviyalakshmi, Evaluation of Anti-hepatotoxic effect of <i>Avicennia marina</i> against alcohol-induced liver injury. <i>International Journal of Pharmaceutics & Drug Analysis.</i> (2018) 6 (2), 225 – 231.
17	B.Ramya A.Shanmugapriya, S.Maneemegalai, B.Varalakshmi, T.Karpagam, J.Sugunabai, A.Abinaya, S.Kamali, G.Praveena, C.Jeyachitra, M.Jeyapriya. A Combinative Evaluation of Antioxidant Potential in <i>Tridax procumbens</i> and <i>Boerhavia diffusa</i> <i>International Journal Of pharmaceutics & Drug Analysis</i> 2018; 6 (2), 197 – 202

18	Ramya B , Josephinol and Rexcida Janthark Mary. Study on minerals, UV Visible, FTIR spectroscopy from Srirangam Temple waste manure. Academia and Society (2019) : 6(1&2) 42-48.
19	S.Josephinol, B. Ramya and S.Rexcida Janthark Mary. Antioxidant and Antidiabetic activity of synthesized silver nanoparticles using flower and root of Euphorbia Hirta Academia and Society (2019): 6(1&2) 48 - 55.
20	B. Ramya , G. Parthasarathy, T. Malarvili. Covid 19: A Current Scenario. Journal of Engineering Sciences. 2020, 11 (4): 890-894
21	B.Ramya , T.Malarvili. Determination of flavonoid (quercetin) from Bryonopsis laciniosa fruit extract by HPTLC analysis. International Journal for Innovative Research in Multidisciplinary field. (2020). 6 (5): 331-336
22	B. Ramya , T. Malarvili, Merlin Lethiyal. Bio potentials of marine natural products to combat bio fouling and corrosion. <i>International Journal for Innovative Research in Multidisciplinary field</i> . (2020). 6 (5). 241-248
23	Suganthi.K, Sivaranjani .V, Malarvili.T Ramya B . Effect Of Sargassum Wightii On Marker Enzymes And Inflammatory Markers On Selected Tissues Of Rats Fed With High Doses Of Fructose. <i>Sambodhi</i> . (2020). -43, 03 (10).55-65.
24	V Sivaranjani, T Malarvili, K Suganthi, B Ramya Gas chromatography and mass spectroscopic analysis of bioactive compounds in Ulva reticulate extract . International journal of Botany studies.2021: 6,(4),ISSN:2455-541X 407-410
25	S.Rexcida Janthark Mary, S.Josephinol, B. Ramya Sebatina Louis. Anti-Ageing Activity and Identification of Bio Active Compound from the Seed Of Linum Usitatissimum By Gc-Ms Techniques. International Journal Of Biology Pharmacy And Allied Sciences.(2022), 11(2): 762-772. (UGC Care)
26	B. Ramya , V. Shanmuga Priya and S. Ranjani. Identification and Isolation of Bioactive components using GC-MS, UV Visible, FTIR, HPLC, HPTLC and antioxidant activity present in ethanolic Extract of Indian spices mixture. International Journal of Pharmaceutical Sciences and Research (2022):13(11): 4641-4655 .(Impact factor:3.76) Elsevier's
27	Ramya B , Mahalakshmi S, And Malarvili T. Formulation And Evaluation Of Antibacterial Herbal Ointment From Ethanolic Extract Of Curcuma Longa Rhizome And Catharanthus Roseus Flower. International Journal Of Biology Pharmacy And Allied Sciences.(2024), 13(4): 1734-1742. (UGC Care)
28	Ramya B , Sarumathi V ,Anisha M , Mowlina S S , Dharunika S And Deepika S. Synthesis And Characterization Of Silver And Gold Nanoparticles From Bryonopsis Laciniosa Fruit Extract. International Journal Of Biology Pharmacy And Allied Sciences.(2024), 13(4): 1689-1698 (UGC Care)

International/National Conferences/Seminars/Symposium Presented:

1.	Paper presented on "Preliminary observations on the effect of <i>Ficus religiosa</i> extract for fertility on male mice" at National Symposium on Relevance of plant Bio-chemistry and Bio-technology Modern Trends, held at J.J. College of Arts
----	---

	and Science ,Pudukkottai, on 1 st – 3 rd March 2001.
2	Paper presented on “Protective effect of Seed extract of <i>Moringa oleifera</i> (Lam)on alcohol induced testicular toxicity in rats” at National Symposium on Scope and Opportunities in medicinal plant research at American College Madurai on 2003
3	Presented a Paper on “Prospectes and Challenges of Green Medicine in Health Security of Rural Population in India”, Proceedings of National Conference held at J.J. College of Arts and Science ,Pudukkottai, on 7 th and 8 th August 2008
4	Paper presented in the National Seminar on “ Essential oil from leaves of cinnamomum osmopholeum acts as a xanthine oxidase inhibitor and reduces the serum uric acid levels in oxonate-induced mice”, conducted by Tamilnadu Scientific Research Organisation.on 22 nd – 24 th November 2008
5	Presented a Paper on “Advances in Nanotechnology-Emphasis on Environmental Health and Therapeutics”, Proceedings of National Conference held at J.J. College of Arts and Science, Pudukkottai, on 6 th and 7 th August 2009.
6	Paper presented in the National Seminar on “Phytotherapeutics”, at St.Joseph’s College, Tiruchirappalli on 29 th and 30 th March 2010.
7	Presented a Paper on “Recent Advances and Challenges in Clinical Microbiology and Biomedical Engineering”, Proceedings of National Conference held at J.J. College of Arts and Science, Pudukkottai, on 23 rd and 24 th September 2010.
8	Paper presented on “Study of Serum Megnesium in Type-2 Diabetes Mellitus” in one day state level seminar on “Modern Trends in Biological Sciences-Towards Human Health and Disease”, held at Rajah Serfoji Government College, Thanjavur.on 17 th feb 2012
9	Presented a Paper on “Bionaturals’12”, Proceedings of National Conference held at Enathi Rajappa Arts and Science College, Pattukottai.29 th and 30 th October 2012.
10	Paper presented on “Present Vistas of Bioresources Conservation and Health Care Products in Herbal Technology”, Proceedings of National Conference held at J.J. College of Arts and Science ,Pudukkottai, on 30 th and 31 st January 2013.
11	Paper presented “Advances in the Management and Prevention of Clinical Disorders due to Malnutrition”, Proceedings of National Conference held at Rajah Serfoji Govt College, Thanjavur. On 7 th and 8 th February 2013.
12	Paper presented on “Biotechnological approaches in Medicine, Agriculture and Environmental – Current Scenario and Future Prospects”, Proceedings of National Conference held at J.J. College of Arts and Science ,Pudukkottai, On 6 th and 7 th March 2014.

13	Presented a paper in National Conference on “Thin Film Science and Nano Technology” at Rajah Serfoji Govt College (Autonomous), Thanjavur On 2 nd and 3 rd March 2015.
14	Presented a paper on “HPLC Analysis of <i>Bryonopsis laciniosa</i> fruit extract - International conference on “Clinical Research- ICCR 2016” by department of Biochemistry, Shrimati Indira Gandhi College, Trichy, on 25. 1. 16.
15	Presented a poster on Donan’s Disease .- International conference on “Cardiovascular Research” by department of Biochemistry, St.Joseph’s college, Trichy on 15.2.16
16	Presented a paper on Identification of Flavonoids in <i>Bryonopsis laciniosa</i> fruit extract using H P L C Technique - National Conference on “ New Frontiers and Innovate trends in Bioscience at J J College of Arts and Science Pudukkottai on 2.09.2016 and 3.09.2016
17	Presented a paper on Identification of Flavonoids in <i>Bryonopsis laciniosa</i> fruit extract using H P L C Technique - International Conference on Environment and health in changing climate at Dept. of Environmental Biotechnology, Bharathidasan University, Trichy on 14.09.2016 to 16.09.2016.

Participated:

1	Participated a two day National Conference on Nano Biotechnology, organized by Periyar Maniyammai University, Vallam, Thanjavur. On 24 th and 25 th July 2008
2	Participated in the National Conference on “Natural Resources and Human Health”, at Enathi Rajappa. College of Arts and Science ,Pattukkottai,on 29 th and 30 th October2012
3	Participated in one day National Seminar on “Emerging Trends in Cancer and Stem Cell Biology”, organized by Bharathidasan University, Tiruchirappalli On 10 th September 2012.
4	Participated a two day National Conference on “Current Approaches and Challenges in Nanomaterial and Nanomedicine. organized by Rajah Serfoji Govt College, Thanjavur. On 29 th and 30 th Aug 2013.
5	Participated in one day State level Seminar on Recent Advances in Biochemistry, organized by Rabiammal Ahamed Maideen College for women, Thiruvarur, on 22.01.2015
6	Participated in “National Conference on Challenges and Future Prospects of Applied Research in Life Sciences”, Proceedings of National Conference held at Bharathidasan University, Tiruchirappalli On 6 th February 2015.

7	Participated in Two days National Conference on NABARD sponsored “Intellectual Property Rights in Biodiversity and Biotechnology” at A.V.V.M Sri Pushpam College (Autonomous) Poondi on 15 th and 16 st September 2015.
8	Participated in International conference on “New Frontiers and challenges in Environmental sciences” by school of bioscience, Marudupandiyar college, Tanjore on 11.2.16 and 12.2.16.
9	Participated National Symposium on “Medicinal plants – Diversity, Utilization and conservation
10	Participated in two days International Seminar on “Novel Avenues in Environmental Issues and Protection” by school of bioscience, Marudupandiyar College, Tanjore on 15.02.2018 and 16.02.2018.
11	Participated one day National Seminar on “Current Prospective and Challenges in Biological Sciences. Organized by Rajah Serfoji Govt College, Thanjavur. On 6 th March 2018.
12	Participated one day National Seminar on “Current Prespectives and Challenges in Biological Science and Research”. Organized by Rajah Serfoji Govt College, Thanjavur. On 3 rd March 2020.

Workshop attended:

1.	Workshop on Medical Laboratory Technology held at Seahorse Hospitals, Trichy on 15 th and 16 th 2000
2.	Participated 28 days Orientation course conducted by UGC Academic Staff College , Bharathidasan University, Trichy from 01.11.2004 – 28.11.2004.
3.	Attended a Three day workshop on “ Gender Positive Initiatives for Releasing Leadership skills among women studies ”, at Cauvery College for Women, Tiruchirapalli on 29 th – 31 st 2008
4.	Attended a Two day Faculty Orientation Programme in Communication Skills , at J.J. College of Arts and Science, Pudukkotta on 9 th and 10 th 2008.
5.	Attended two days workshop on an experiential learning training for teaching fraternity , at J.J. College of Arts and Science, Pudukottai, on 26 th and 27 th November 2010.
6.	Actively participated in 5 days Training Work shop on “Entrepreneurship for College Teachers” Jointly Organized by the IECD and its Nodal held at J.J. College of Arts and Science, Pudukkottai. On 03.04.2013 – 08.04.2013.
7.	Attended Two days National Workshop in TNSCST sponsored “National conference on phytochemicals in Medicinal Plants and Food” at Bharathidasan

	University Constituent College for women, Orathanadu on 30 th and 31 st July 2015.
8.	Attended One day International Workshop on “Biochemical and Bioinformatics Techniques” at Shrimati Indira Gandhi College, Tiruchirappalli on 05.10.2017
9.	Attended one day National Workshop on “Expository Writing Skills for Journal Papers” at Government College of Education, Orathanadu on 06.01.2018.
10.	Attended two days National workshop on “Entrepreneurial Skills Within Life Science Graduates: Inculcation and Innovation, at J.J. College of Arts and Science,(Autonomous)Pudukottai, on 22nd and 23 rd February 2018.
11.	Attended “10days online free workshop for teachers” from 21 st April to 30 th April 2020, Conducted by Universal Teachers Academy, Puducherry, India