

CAUVERY COLLEGE FOR WOMEN
(AUTONOMOUS)
STAFF PROFILE

PERSONAL INFORMATION

1. Name : Dr. S. JEYABHARATHI

2. Date of Birth : 05.06.1982

3. Address :

Residential	Office
4/31, Vignesh Nagar II Cross West Street Kattur Trichy-620 019	Assistant Professor PG and Research Department of Microbiology Cauvery College for Women Trichy-620 018

ACADEMIC INFORMATION

4. Designation & Department: Associate Professor

5. Educational Qualification :

Degree	Year	College/University
B.Sc	2002	Cauvery college for Women
M.Sc	2005	Cauvery college for Women
PGDBI	2003	Shrimati Indira Gandhi College
M.Phil	2006	Bharathidasan University Distance Education Centre
Ph.D	2011	Vinayaka Mission University

6. Researcher id :

BDU Researcher id: BDU02840001746

Email.id:

jejabharathi.mb@cauverycollege.ac.in

Linked in: <https://www.linkedin.com/in/s-jejabharathi-b804641a7/>

Goolge Scholar id: zCuSHXQAAAAJ

Orchid id: <https://orcid.org/0000-0003-1793-4910>

Scopusid: 7201445096

Mendeley: <https://www.mendeley.com/search/?page=1&query=Jeyabharahi%20S&sortBy=relevance>

Web of Science Researcher ID: AAJ-7501-2021

Publons: <https://publons.com/researcher/1693292/jeyabharathi-s/>

Vidwan: <https://vidwan.inflibnet.ac.in/profile/205749/MjA1NzQ5>

7. Experience :

Date of Joining	Institution	Year of Experience
01.12.2005	Devasakayam Annathayammal Womens College, Madurai	6 months
16.06.2006-30.04.2008	Srinivasan College of Arts & Science, Perambalur	2 Years
16.06.2008-till date	Cauvery College For Women (Autonomous), Trichy	17 Years

8. Areas of Specialization : Environmental Biotechnology

9. Languages known : Tamil, English, Hindi

10. Subjects Taught :

UG	Introductory Virology, Industrial Microbiology, Computer applications in Biology, Mushroom Technology, Bio fertilizer Technology
PG	Bioprocess Technology, Biological Techniques, Quality control and IPR
M.Phil	Research Methodology

11. Research Supervision:

	Thesis Completed	Pursuing
M.Phil	-	-
P.hD	-	03

11. Details of Publications:

Journal Name & Volume	Year of Publication	ISBN Number	Name of the Paper	Impact Factor
The Journal of the Swamy Botanical Club	2009	0256 - 9493	Potential applications of white-rot fungi for the removal of Natural organic matter from wastes arising from drinking water treatment	

Journal of Ecotoxicology and Environmental Monitoring	2010	0971-0965	Bioadsorption of Organic Wastes from Drinking Water Treatment by the fungus <i>Phanerochaete sp</i>	
International Journal of Ecobiology	2011	0970-9037	Effect of Antidiabetic and Biochemical Properties in Transdermal Delivery of <i>Swietenia mahagoni</i>	
Joseph's International Journal of Biological Sciences.	2012	2278-6570	Preliminary Phytochemical Investigation and in-vitro Antimicrobial Activity of the leaves of <i>Solanum Nigrum</i> Linn	
Joseph's International Journal of Biological Sciences.	2012	2278-6570	Production of Bacitracin from <i>Bacillus gibsonii</i> (From infected tomatoes) and in vitro Assay against Soft Rot Pathogens	
Joseph's International Journal of Biological Sciences.	2012	2278-6570	Preliminary Phytochemical and in-vitro Antimicrobial Activity of Alcoholic Extract of <i>Bougainvillea</i> Cultivar	
Joseph's International Journal of Biological Sciences.	Jan 2012	2278-6570	Production of Laccase Enzyme from Bacterial Isolate using Banana Peel & Sugarcane Molasses	
Joseph's International Journal of Biological Sciences.	Jan 2012	2278-6570	Role of Mycorrhizal Symbiosis in Phosphorus Nutrition of Maize in a highly Calcareous Soil	
WIDE SPECTRUM Research Journal		2278-6570	Optimization, Production and Characterization of Amylase from <i>Aspergillus sp.</i>	
Joseph's International Journal of Biological Sciences. Vol. No.2	Jan 2013	2278-6570	Efficacy of bacterial isolates on the physiochemical parameters of the textile effluent	

Joseph's International Journal of Biological Sciences. Vol. No.2,	Jan 2013	2250-2815.	Isolation of marine sponge associated Streptomyces sp and its antagonistic studies	
Joseph's International Journal of Biological Sciences. Vol. No.2,	Jan 2013	2278-6570	Isolation, Screening and Production of Tannase from the invisible yet invincible	
International Journal for Research in Applied Science & Engineering Technology.	Sep 2017	2321-9653	Bioremediation of Natural Organic Matter Wastes Arising from Water Reservation by White Rot Fungus <i>Trametes hirsuta</i> MTCC 136	6.887
International Journal of Science and Research.	Sep 2017	2319-7064	Drinking Water Treatment of Natural Organic Waste Matter with HPSEC Profile Using White Rot Fungus	6.8
International Journal for Research in Applied Science & Engineering Technology.	Oct 2017	2321-9653	Comparative studies of invertase enzyme from low cost agricultural waste substrates by <i>Saccharomyces cerevisiae</i> isolated from grape juice.	6.887
International Journal for Research in Applied Science & Engineering Technology.	Oct 2017	2321-9653	Bioremediation of Paper and Pulp Industrial Effluent using Bacterial Isolates	6.887
Asian Journal of Pharmaceutical and Clinical Research	Apr 2018	2455-3891	Anti Diabetic Activity of Indian Mahagoni Plant Extract by Transdermal Therapy.	0.4

International Journal of Engineering Science Invention	Jan 2019	2319-6734	Bioremediation of Organic wastes arising from Drinking Water Treatment by white rot fungus	5.14
Global Journal for Research Analysis	Feb 2019	2277 - 81600	Potential of Bacterial Isolates in the Bio-Remediation of Textile Effluent	5.15
Ecology, Environment and Conservation	Nov 2019	0971-765X	Role of white rot fungus (<i>Trametes hirsuta</i> MTCC 136) in the bioaugmentation of natural organic matter wastes from water reservoirs	
International Journal of Botany Studies	Feb 2021	2455-541X	Bioactive compounds isolation from efficient Marine <i>Streptomyces</i> MW09-1(RW2-3) by GC-MS analysis	5.12
Journal of Acta Scientific Pharmaceutical Sciences	May 2021	2581-5423	Biosorption of Heavy Metal from textile and Dye Industrial effluent	
International Journal of Botany Studies	August 2021	2455-541X	Amylolytic potentiality of fungi isolated from agricultural wastes	5.12
International Journal of Botany Studies	September 2021	2455-541X	Extraction and characterization of microbial pigment	5.12
Research Journal of Pharmacy and Technology	December 2021	0974- 3618	Bioremediation of Kitchen wastes through Mushroom Cultivation and Study their Phytochemical and Antioxidant Potential using GCMS Chromatogram	-
Journal of Advanced Scientific research. UGC Care list	2020	0976-9595	Antimicrobial Activity of Diethylthallate Isolated from Marine <i>Streptomyces</i> Mw09-1: An In silico Approach	-

International Journal of Botany Studies. Web of Science Indexed & UGC Care list	2021	566-573	Bioactive Compounds Isolation from Efficient Marine Streptomyces Mw09-1(Rw2-3) By GC-MS analysis	5.12
International Journal of Botany Studies. Web of Science Indexed & UGC Care list	August 2021	2455-541X	Amylolytic potentiality of fungi isolated from agricultural wastes	5.12
International Journal of Botany Studies. Web of Science Indexed & UGC Care list	September 2021	2455- 541X	Extraction and characterization of microbial pigment	5.12
The Journal of Plant Science Research. UGC Care list	2022	0976-3880	Comprehensive analysis of chromium degrading bacteria from tannery effluent	-
Biological Forum – An International Journal. UGC Care list	2023	2249- 3239	Plant Growth Promoting Rhizobacteria: A Review on Biomass Production and its Scope in Commercialization	-
Biological Forum – An International Journal. UGC Care list	2023	2249- 3239	Production and Optimization of Biofuel from Lignocellulosic waste using natural Bacterial consortia	
Brazilian Journal of Development	2024	2525-8761	Potential Drug Target from Breast Milk Lactobacillus against Vaginal Pathogens	-

12. Details of Papers Presented:

Date	Organizer	Name of the Seminar	Paper Name
22.06.2010 & 23.06.2010	Periyar Maniyammai University, Thanjavur.	Genomera'10 National Level Seminar on Plant and Human Health.	Study of Antidiabetic properties in Transdermal Delivery of <i>Swietenia mahagoni</i>

17.02.2012& 18.02.2012	Cauvery College for Women & Bharathidasan University,Trichy	National symposium on Prospects and Retrospects in Microbial Technology	Genomics for Bioenergy
09.08.2019	Sengamala thayar educational Trust women's college, Mannargudi	International Seminar on “Microbial Interventions for the Welfare of Human Beings”	Production of α Amylase by Trichoderma using Bagasse.

13. Details of Seminars / Conferences / Workshops Attended:

Year & Date	Organizer	Title	National / International
19.02.2011	Srimad Andavan Arts&science college,Trichy-5	National seminar on medicinal plants	National
30.08.2011	Dhanalakshmi srinivasan college of arts and science for women,Perambalur	International conference on Microbiology for better tomorrow	International
12.09.2011	Bharathidasan university, Trichy	Recent advances in molecular biology techniques	National
17.02.2012& 18.02.2012	Cauvery College for Women & Bharathidasan University,Trichy	National symposium on Prospects and Retrospects in Microbial Technology	National
4.10.2012& 5.10.2012	Dept of Botany, Bharathiyar University, Coimbatore-46	National Conference on Phytomedicine	National
25.09.2012	Dept of Biochemistry, Srimad Andavan College of arts & science,Trichy-5	Bioblitz-2012	National
25.02.2013 & 25.02.2013	Dept of Microbiology School of Life sciences, Bharathidasan University, Trichy -24	National Seminar on cutting edge Microbial Research & Challenges	National
01.03.2013 & 02.03.2013	Dept. of Microbiology, M.R. Government Arts College, Mannargudi-1	Two day-National level Conference on“Emerging novel avenues and opportunities in modern biological sciences”	National
01.03.2013 & 02.03.2013	Dept of Biochemistry, St.Joseph's College, Trichy-2	National seminar on therapeutic biocompounds	National

06.01.2014 &07.01.2014	Dept of Biochemistry, St.Joseph's College, Trichy-2	National conference on Advances in Biology	National
08.01.2015& 09.01.2015	Bishop Heber College, Tiruchirappalli.	International conference on Recent advances in Synthetic Biology	National
05.01.2017 &06.01.2017	Srimad Andavan Arts& Science College(Autonomous), Tiruchirappalli.	State level Workshop on“Computational Approaches in Cancer Genomics (CACC 2017).	National
02.08.2017- 04.08.2017	St. Joseph College, Trichy.	UGC - Sponsored Science Academics' Lecture workshop on “New Vistas in Biodiversity & Bioresources”.	National
08.9.2017 & 09.09.2017.	Bishop Heber College, Trichy.	International Conference on“Frontiers in Nanobiotechnology”	National
12.09.2017&1 3.09. 2017	Srimad Andavan Arts & Science College, Trichy.	Lecture Workshop On “Herbal Medicines”.	National
08.02.2018	St. Joseph College, Trichy.	International Colloquia on “Bionanomaterials and Bio Nano technology (ICBB'18)”	International
15.12.2018	Department of Biochemistry, St. Joseph College, Trichy	Histopathological Techniques	National
29.10.2018- 02.11.2018	Cauvery College For Women Trichy	Capacity Building workshop on e-Content Development	National
23.04.2019- 27.04.2019	Cauvery College For Women Trichy	Capacity Building workshop on e-Content Development	National
13.4.2020- 17.4.2020	AVS College, Salem	Five days Course on Stress Management	National
19.4.2020- 21.4.2020	IARA ,India	Three days Online Workshop on Reference Management tools and Online Citation Databases	National

24.4.2020- 28.4.2020	IIT Bombay with Sri Ramakrishna College of Arts & Science, Coimbatore	Five Days Biopython Training completed	National
4.5.2020- 9.5.2020	Hindustan Deemed University	Six days online national workshop on Research Methodology in Social Sciences	National
5.5.2020- 11.5.2020	Jamal Mohamed college Trichy	Seven Days online course for or aspirants of CSIR NET in life sciences	National
7.5.2020- 8.5.2020	PARA, Pondicherry	Two days online FDP innovative teaching and Research practice	National
11.5.2020- 15.5.2020	Cauvery College for women (Autonomous)Trichy	Five Days Virtual teaching tool moodle	National
13.5.2020- 16.5.2020	International Virtual FDP- Impacts of Education-Post COVID	Sri Ramakrishna College of Arts & Science, Coimbatore	National
19.5.202- 23.5.2020	Five Days Moodle Learning Management System	IIT Bombay with MES College, Aluva	National
Jan-Mar 2021	IIT Roorkee	NPTEL – AICTE FDP-on Waste to Energy Conversion	National
27.06.2023	Cyber Crime against Women on Social Media	Tamil Nadu state commission for Women Chennai	National
17.10.2023	Workshop for Evaluator – 31 st National Children's Science Congress	Tamilnadu Science Forum, Chennai and St. Joseph's College , Trichy	State level

14. Details of Seminars / Conferences / Workshops Organized:

Date	Title	National / International
23.01.2018 & 24.01.2018	Challenges and Opportunities in Bio Informatics	State level

3.05.2020	Faculty Development programme webinar session on Trends and Opportunities in life science sector	National
05.07.2023 & 06.07.2023	NAAC Collaborated “Two Day National Virtual Seminar on Holistic and Multidisciplinary Approach towards National Higher Education Quality Framework	National
09.06.2022 & 10.06.2022	NAAC Sponsored National Seminar on Fostering Global Competence among Higher Education Institutions through Technology	National

15. Details of Orientation / Refresher Course Attended:

Date	Title of the Course	Organizer
Date	Title of the Course	Organizer
07.11.2016 - 19.11.2016	UGC – Sponsored “Refresher course: Experimental Biology Orthodox to Modern”.	PG & Reseach Department of Botany , St.Joseph College, Tiruchirappalli
04.01.2018 - 18.01.2018	UGC - Sponsored Science Academics’ Refresher Course on “Bioprospection of Bioresources: Land to Lab Approach”.	PG & Reseach Department of Botany , St.Joseph College, Tiruchirappalli
04.12.2018 - 31.03.2019	SWAYAM Online- Refresher course in teaching - Latest Trends in Pedagogy and Assessment	Ministry of Human Resource Development
15.04.2021 – 21.04. 2021	RUSA Sponsored Online Short Term Course in Coastal Biodiversity	University of Mumbai
20.09.2023 – 26.09.2023	UGC-Sponsored Online Short Term Course in Outcome Based Education and Credit Framework	Bharathidasan University, Tiruchirappalli
08.04.2024 – 17.04.2024	NEP Orientation & Sensitization Programme	UGC-MMTTC & Bharathidasan University

16. Details of Study Materials / Books written and published:

- Jeenathunisa N, Jeyabharathi S and Aruna V (2023). “A Critical Review on Role of Nanoparticles in Bioenergy Production” in Material for Sustainable Energy Storage at the Nanoscale, Page no: 225-232. ISBN: 9781032405438, July 2023, Taylor & Francis, CRC Press.
- Dr. S. Jeyabharathi (2023). Text book of Food, dairy and Environmental Microbiology. Scientific International Publishing House, 978-93-5625-230-1
- Jeenathunisa N and Jeyabharathi S (2020). Synthesis and Characterization of Silver

Nanoparticle from Indian Medicinal Plants. Research Trends in Medicinal Plant Sciences.9,01–13. ISBN: 978-93-90541-54-6.

- Jeyabharathi S and Jeenathunisa N (2020). Bioremediation of Organic Wastes Arising from Drinking. Water Treatment by White Rot Fungus. Research Trends in Environmental Science.5,67–81. ISBN: 978-93-90420-74-2.

17. Details of Chairing as Resource Person:

Date	Title of the Seminar/Conference	Session Chaired
31.08.2023	State Level Seminar on Role of Microbiologist in Preparedness of Emerging Entrepreneur	Resource Person
14.05.2023	4 th International Conference on Environmental, Agricultural, Chemical and Biological Sciences	Chairperson
19.10.2022	Expedite Women Entrepreneurs in the Field of Biology	Resource Person
10.02.2022	NAAC Accreditation Process at Valluvar College of Science and Management, karur	Special Invitee
28.06.2021	Soil Health and Organic farming for Sustainable Agriculture at Sri Krishna Aditya College, Coimbatore	Resource Person
16.09.2021	One Day online Orientation Programme for Final Self Study Report (SSR) Submission for Mentee Institutions	Resource Person

18. Administrative Positions held in the College:

Nature of Position	Year
Assistant IQAC Coordinator	2022 onwards

19. Details of Incharge / Participation in Extracurricular Activities :

(NSS, NCC, Sports, Games, Voluntary Association and Cultural Activities):

Nature of Activity	Period of Incharge
Blood Donars club incharge	2011-2012

20. Details of Participation in Consultancy, Training, Development etc..:

- Appointed as a Translator NPTEL SWAYAM online Course entitled “Bioinformatics Algorithm and Application” Conducted by IIT Madras, with the translator id 1062.
- Appointed as a Translator NPTEL SWAYAM online Course entitled “Advanced Concrete technology” Conducted by IIT Madras, with the translator id 1062.
- Appointed as a Quality Controller NPTEL SWAYAM online Courses, with the QC id QC0220.

- Appointed as Translator for “Biology Course Module- kebo_10504_e_content” from English to Tamil in NCERT MOOCS Translation Course content (2020).
- Appointed as a reviewer for “Biology Course Module- kebo_10101_e_content” from English to Tamil in NCERT MOOCS Translation Course content (2020).
- Reviewer for Scopus indexed Journal Plant cell Biotechnology and Molecular Biology.
- Reviewer for Journal Current Nutrition & Food Science.

21. Details of Membership in Academic Bodies/ Board of Studies:

- Appointed as a Chairman Question Paper Scrutinising board for UG Microbiology Alagappa University, Karaikudi. Since Nov, 2012
- Life time member in Indian Society of System for Science and Engineering (ISSE), Coimbatore-Trichy Region.
- Life Time Member Indian Academic Researchers Association.
- Life Member in Microbiology Society of India

22. Details of Membership of Professional Bodies:

Examiner	Question Paper Setter
University / Autonomous Colleges	University / Autonomous Colleges
UG examiner –Microbiology board – Bharathidasan University .	UG question paper setter –Microbiology board – Alagappa university ,Karaikudi
UG examiner –Microbiology board – Srimad Andavan arts &Science college(Autonomous).	UG question paper setter –Microbiology board – Selvam College of Arts & Science(Autonomous).Salem
UG examiner –Environmental studies board – National College (Autonomous).	UG question paper setter –Microbiology board – PSG College of Arts & Science(Autonomous).Coimbatore.
UG examiner –Microbiology board – Alagappa University ,Karaikudi.	UG question paper setter –Microbiology board – Vellaichami Nadar College (Autonomous).Madurai
UG Microbiology Question Paper scrutinizing board Chairman 2014 Onwards	UG question paper setter –Microbiology board – MK university ,Madurai
	PG question paper setter –Microbiology board – St.Joseph’s College,Trichy

	PG question paper setter –Microbiology board – Holly Cross College,Trichy
	PG question paper setter –Microbiology board – Alagappa university , Karaikudi
	UG question paper setter – Microbiology&Clinical lab Technology board – Alagappa university ,Karaikudi
	UG&PG question paper setter – Microbiology board – Thanthai Hans Rover College,Perambalur
	UG question paper setter –Microbiology board – AVC College,Myladudurai
	UG question paper setter –Microbiology board – Jamal Mohammed College,Trichy

23. Countries visited academically: nil

24. Any other information if any:

- Received certificate of appreciation from NSS Regional Directorate, Ministry of Youth Affairs & Sports, Govt. of India for South Zone Pre- Republic day Parade 2023.
- Participated National Faculty Exchange Program and Visited RBVRR Womens College (Autonomous), Narayanaguda, Hyderabad
- Received certificate of appreciation as Mentor for NPTEL online course on Industrial Biotechnology
- International Webinar Attended : 07
- National Webinar Attended : 31
- State Level Webinar Attended : 06