

**CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)  
TRICHY  
STAFF PROFILE**

**PERSONAL INFORMATION**

**1. Name** : Dr. G. Gomathi

**2. Date of Birth** : 14/03/1992

**3. Address** :

<b>Residential</b>	<b>Office</b>
129 B, Madurai Road, Manaparai – 621306. Trichy.	Department of Biotechnology, Cauvery College for Women (Autonomous), Trichy

**ACADEMIC INFORMATION**

**4. Designation & Department:** Assistant Professor, Department of Biotechnology

**5. Educational Qualification :**

<b>Degree</b>	<b>Year</b>	<b>College/University</b>
Ph. D	2020	St. Joseph's College (Autonomous), Trichy.
M. Phil	2015	St. Joseph's College (Autonomous), Trichy.
M. Sc	2014	Holy Cross College (Autonomous), Trichy
B. Sc	2012	Holy Cross College (Autonomous), Trichy

**6. Date of Rejoining:** 10.06.2024

**7. Library ID:** 01FBIO0006

**8. Email id:** gomathi.bt@cauverycollege.ac.in

**9. Research Ids:**

**Google Scholar Id:** <https://scholar.google.com/citations?hl=en&user=K9t1TcAAAAAJ>

**Orchid Id:** <https://orcid.org/0000-0002-3223-8633>

**Vidwan Id:** <https://vidwan.inflibnet.ac.in/profile/206100>

**Web of Science Researcher ID:** [ACU-4909-2022](https://www.researcherid.org/ACU-4909-2022)

**10. Experience :**

Date of Joining	Institution	Year of Experience
27.01.2021 – 12.04.2023	Cauvery College for Women (Autonomous), Trichy.	2 years
10.6.2024	Cauvery College for Women (Autonomous), Trichy.	Till Date

**11. Areas of Specialization :** Biotechnology**12. Languages known :** Tamil and English**13. Subjects Taught :**

<b>UG</b>	Molecular Biology Genetics Cell Biology Plant Anatomy and Physiology Bioinstrumentation General Microbiology Bioinformatics Microbial Biotechnology Animal Biotechnology Environmental Biotechnology Basics of Biotechnology Applied Biotechnology IPR, Bioethics & Biosafety Environmental Studies Stem cell technology
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**14. Details of Publications:**

Journal Name & Volume	Year of Publication	ISBN Number	Name of the Paper	Impact Factor
World Journal of Pharmaceutical Research	2018	2277-7105	Characterization of Mycorrhizal Fungi Isolated from the roots of <i>Cymbidium</i> species.	3.08
Journal of Emerging Technologies and Innovative Research	2018	2349-5162	Specificity of Mycorrhizal Fungi Isolated from the Roots of <i>Vanda</i>	4.03

			<i>testacea</i> from five different regions using DNA Barcoding.	
Biotechnological Research	2017	2395-6763	DNA Barcoding of <i>Vanda</i> Species from the Regions of Shevaroy and Kolli Hills using <i>rbcL</i> gene.	0.8
International Journal of Pure and Applied Biosciences	2016	2582 – 2845	Morphotypes of Mycorrhizal Fungi of <i>Cymbidium</i> species.	1.7
International Journal of Applied Sciences	2016	2180-1258	Morphotypes of Mycorrhizal Fungi of <i>Vanda</i> Species.	2.7

### 15. Sequences Deposited in NCBI

S. No.	Accession Number	Organisms
1.	MG002431	<i>Ceratobasidium cereal</i>
2.	MG002432	<i>Ceratobasidium species</i>
3.	MG002433	<i>Ceratobasidium cereal</i>
4.	MG002434	<i>Ceratobasidium ramicola</i>
5.	KY945486	<i>Ceratobasidium species</i>
6.	KY945488	<i>Ceratobasidium species</i>
7.	MH468786	<i>Tulasnella species</i>
8.	MH479401	<i>Tulasnella species</i>
9.	MH479402	<i>Tulasnella species</i>
10.	MH479403	<i>Tulasnella species</i>
11.	MH479404	<i>Tulasnella species</i>
12.	MH479405	<i>Tulasnella species</i>
13.	MF446877	<i>Vanda testacea</i>
14.	MF446878	<i>Vanda testacea</i>
15.	MF446879	<i>Vanda tessellate</i>
16.	MF446880	<i>Vanda tessellate</i>
17.	MF446881	<i>Vanda spathulata</i>
18.	MF446882	<i>Cymbidium aloifolium</i>
19.	MF446883	<i>Cymbidium bicolour</i>
20.	MF446884	<i>Vanda tessellate</i>

**16. Details of Papers Presented:**

<b>Date</b>	<b>Organizer</b>	<b>Name of the Seminar</b>	<b>Paper Name</b>
21 <sup>st</sup> -22 <sup>nd</sup> Dec 2021	Department of Biotechnology, Manonmaniam Sundaranar University, Tirunelveli.	Emerging Innovations and Entrepreneurship in Biotechnology	Isolation and Characterization of the Keratinase Enzyme from Hornmeal Degrading Bacteria <i>Bacillus subtilis</i>
07.04.2022 and 08.04.2022	Department of Biotechnology, K. S. Rangasamy College of arts and science, Tiruchengode, Namakkal	International Seminar on Biotechnological Effective Approach in Science and Technology – BEAST 2022”	Amelioration of hepato and nephrotoxicity by <i>Ficus religiosa</i> fruits in PCOS induced rats

**17. Details of Seminars / Conferences / Workshops Attended:**

<b>Year &amp; Date</b>	<b>Organizer</b>	<b>Title</b>	<b>National / International</b>
19 <sup>th</sup> and 20 <sup>th</sup> September 2014	Department of Pharmaceutical Technology, Anna University, Trichy.	Recent Strategies of Herbal Research in Life Sciences - An Experimental Approach	National
28 <sup>th</sup> January to 6 <sup>th</sup> February 2015	UGC Sponsored Workshop - St. Joseph's College, Trichy.	In Glass Technology for Bioresource Conservation	National
2 <sup>nd</sup> to 4 <sup>th</sup> August 2017	St. Joseph's College, Trichy.	Science Academies' Lecture Workshop on New Vistas in Biodiversity and Bioresources	National
27 <sup>th</sup> April 2021	Patent Information Centre, Tamil Nadu State Council for Science and Technology	IP Management strategies for Entrepreneurs	National
28 <sup>th</sup> April 2021	Patent Information Centre, Tamil Nadu State Council for Science and Technology	Indigenous SMEs and Intellectual Property	National

30 <sup>th</sup> July 2021	Department of Zoology, M. R. Government Arts College, Mannargudi.	Vermitechnology for Sustainable Agriculture and Organic Waste Management	National
27 <sup>th</sup> -28 <sup>th</sup> September 2021	Department of Microbiology, The Madura College (Autonomous), Madurai.	A Juncture of Classical and Contemporary Research in Biological Sciences	National
20 <sup>th</sup> - 21 <sup>th</sup> October 2021	Department of Biotechnology, St.Joseph's College (Autonomous), Trichy.	Journeying through Intellectual Property and Bio- entrepreneurship	National
8 <sup>th</sup> December 2021	Tamil Nadu State Council for Science and Technology, Chennai.	Science Festival (VigyanUtsav)	National
21 <sup>st</sup> -22 <sup>nd</sup> December 2021	Department of Biotechnology, Manonmaniam Sundaranar University, Tirunelveli.	Emerging Innovations and Entrepreneurship in Biotechnology	International
07.04.2022 and 08.04.2022	K. S. Rangasamy College of arts and science, Tiruchengode, Namakkal	Biotechnological Effective Approach in Science and Technology – BEAST 2022	International Conference
28.04.2022	Tamil Nadu State Council for Science and Technology, Chennai.	Science Festival (Vigyan Utsav) under the theme of "Science and Society"	State Level

**18. Details of Orientation / Refresher Course Attended:**

<b>Date</b>	<b>Title of the Course</b>	<b>Organizer</b>
4 <sup>th</sup> to 18 <sup>th</sup> January 2018	Science Academies' Refresher Course on Bioprospection of Bioresources: Land to Lab Approach	St. Joseph's College, Trichy.

**19. Details of Incharge / Participation in Extracurricular Activities :  
(NSS, NCC, Sports, Games, Voluntary Association and Cultural Activities):**

<b>Nature of Activity</b>	<b>Period of Incharge</b>
Club Incharge	2021-2022
Cultural and Sports Incharge	2022-2023

**20. Details of Faculty Development Programmes Attended:**

- Participated in FDP on "Online "Five Days International Faculty Development Programme on Nanomaterials" Organized on November 23-27, 2021 Department of Physics, St. Mary's College (Autonomous), Thoothukudi.

**21. Any other information if any:**

- Acted as a Mentor for the Human Behaviour course from NPTEL Jan-April 2021.
- Acted as a Mentor for the Bioreactor course from NPTEL July – Dec 2021.
- Judge in Science Exhibition on the National Science Day Celebration, Jamal Mohamed College (Autonomous), Trichy on 28.02.2023
- Outstanding Performance in the NPTEL Course with Elite in "Cell Culture Technologies" Management" for the Prize award of Rs. 500/- received.