

**CAUVERY COLLEGE FOR WOMEN  
(AUTONOMOUS)  
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.<br>Trichy. | Department of Biotechnology, Cauvery<br>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<br>(Autonomous), Trichy. |
| M. Phil       | 2015        | St. Joseph's College<br>(Autonomous), Trichy. |
| M. Sc         | 2014        | Holy Cross College<br>(Autonomous), Trichy    |
| B. Sc         | 2012        | Holy Cross College<br>(Autonomous), Trichy    |

**6. 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://orcid.org/0000-0002-3223-8633)

**7. Experience :**

| Date of Joining | Institution  | Year of Experience |
|-----------------|--|--------------------|
| 27.01.2021      | Cauvery College for Women<br>(Autonomous), Trichy. | 2 Year – Till date |

**8. Areas of Specialization :** Molecular Systematics**9. Languages known :** Tamil and English**10. Subjects Taught :**

|               |  |
|---------------|--|
| <b>UG</b>     | Molecular Biology<br>Plant Anatomy and Physiology<br>Bioinstrumentation<br>General Microbiology<br>Bioinformatics<br>Microbial Biotechnology<br>Basics of Biotechnology<br>Applied Biotechnology |
| <b>PG</b>     |  |
| <b>M.Phil</b> |  |

**11. 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                                   | 4.03          |

|   |      |             |   |     |
|---|------|-------------|---|-----|
|   |      |             | of <i>Vanda 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 rbcL 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 |

## 12. 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 bicolor</i>    |
| 20. | MF446884 | <i>Vanda tessellate</i>     |

### 13. Details of Papers Presented:

| Date   | Organizer  | Name of the Seminar  | Paper Name  |
|--|--|--|---|
| 21 <sup>st</sup> -22 <sup>nd</sup> Dec<br>2021 | Department of<br>Biotechnology,<br>Manonmaniam<br>Sundaranar University,<br>Tirunelveli. | Emerging Innovations and<br>Entrepreneurship in<br>Biotechnology | Isolation and<br>Characterization of<br>the Keratinase<br>Enzyme from<br>Hornmeal<br>Degrading Bacteria<br><i>Bacillus subtilis</i> |

### 14. Details of Seminars / Conferences / Workshops Attended:

| Year &<br>Date   | Organizer  | Title  | National /<br>International |
|--|--|--|-----------------------------|
| 19 <sup>th</sup> and 20 <sup>th</sup><br>September<br>2014         | Department of<br>Pharmaceutical<br>Technology, Anna<br>University, Trichy. | Recent Strategies of Herbal<br>Research in Life Sciences - An<br>Experimental Approach | National                    |
| 28 <sup>th</sup> January<br>to 6 <sup>th</sup><br>February<br>2015 | UGC Sponsored<br>Workshop - St.<br>Joseph's College,<br>Trichy.            | In Glass Technology for<br>Bioresource Conservation                                    | National                    |
| 2 <sup>nd</sup> to 4 <sup>th</sup>                                 | St. Joseph's   | Science Academies' Lecture   | National                    |

|   |  |  |          |
|---|--|--|----------|
| August 2017   | College, Trichy.   | Workshop on New Vistas in Biodiversity and Bioresources                  |          |
| 27 <sup>th</sup> April<br>2021                          | Patent Information Centre, Tamil Nadu State Council for Science and Technology | IP Management strategies for Entrepreneurs                               | National |
| 28 <sup>th</sup> April<br>2021                          | Patent Information Centre, Tamil Nadu State Council for Science and Technology | Indigenous SMEs and Intellectual Property                                | National |
| 30 <sup>th</sup> July<br>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><br>September<br>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><br>October<br>2021  | Department of Biotechnology, St. Joseph's College (Autonomous), Trichy.        | Journeying through Intellectual Property and Bio-entrepreneurship        | National |
| 8 <sup>th</sup><br>December<br>2021                     | Tamil Nadu State Council for Science and                                       | Science Festival (VigyanUtsav)   | National |

|  |   |  |               |
|--|---|--|---------------|
|  | Technology,<br>Chennai.   |  |               |
| 21 <sup>st</sup> -22 <sup>nd</sup><br>December<br>2021 | Department of<br>Biotechnology,<br>Manonmaniam<br>Sundaranar<br>University,<br>Tirunelveli. | Emerging Innovations and<br>Entrepreneurship in<br>Biotechnology | International |

**15. 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<br>2018 | Science Academies' Refresher<br>Course on Bioprospection of<br>Bioresources: Land to Lab Approach | St. Joseph's College, Trichy. |

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

**17. Details of Chairing as Resource Person:**

| <b>Date</b> | <b>Title of the Seminar/Conference</b> | <b>Session Chaired</b> |
|-------------|--|------------------------|
|             |  |                        |

**18. Administrative Positions held in the College:**

**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> |
|------------------------------|---------------------------|
| Active member of Exnora      | 2012                      |
| Cultural and Sports Incharge | 2022 -2023                |

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

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

**22. Details of Membership of Professional Bodies:**

**23. 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.

**24. Countries visited academically:**

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

- Acted as a Mentor for the Bioreactor course from NPTEL July – Dec 2021.