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| **Name** | Dr. M. PRABHA |
| **Qualification** | M.Sc., B.Ed., M.Phil., SET., Ph.D. |
| **Designation** | Assistant Professor |
| **Year of Joining** | 15/06/2026 |
| **Specialization** | Phytochemistry & Molecular Biology |
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**Seminars/Workshops/FDP/Conferences/Webinars**

| Date | Paper Presented/ Participated | Title of the Paper | Organized By | Workshop/ Seminar/ FDP | Type |
|---|---|---|---|---|---|
| 14.09.2026-18.09.2026 | Participated | - | MCC Research Colloquium, Madras Christian College (Autonomous), East Tamparam, Chennai. | Five days online FDP series on " Manuscript writing and publishing in Plant Sciences | FDP |
| 12.06.2026 | Participated | - | IQAC, St. Mary's College (Autonomous), Thoothukudi | Professional Development Programme on "Reimagining Innovative Pedagogy through Course outcomes, Analytics, Assessment and AI" | PDF |
| 11.06.2026 | Participated | - | IQAC, St. Mary's College (Autonomous), Thoothukudi | Professional Development Programme on "Holistic and Authentic Approach in Education: New Trends and Challenges – Teachers Role" | PDF |
| 04.05.2026 - 08.05.2026 | Participated | - | IQAC, Pope's College, Sawyerpuram | Five days online National FDP on "Indian Knowledge Systems" (IKS) organized by IQAC, | FDP |

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| | | | | Pope's College, Sawyerpuram | |
| 09.03.2026-14.03.2026 | Participated | - | Department of Botany, St. Mary's College (Autonomous), Thoothukudi. | FDP on Microbial, Molecular and Nano based Innovations for Sustainable Development | FDP |
| 29.01.2026-30.01.2026 | Participated | - | Research Forum Manonmaniam Sundaranar University, Thirunelveli. | DST- SERB sponsored two days workshop on plant functional Ecology | State Level Workshop |
| 21.01.26-30.01.26 | Participated | - | Research Forum St. Mary's College (Autonomous), Thoothukudi | NEP 2020: Sensitization & Orientation | FDP |
| 10.01.2026 | Participated | - | Department of Botany, JSS College for Women (Autonomous) Saraswathipuram, Mysuru | FDP on Next-Gen Botany: Application of AI in Plant Science and Research | FDP |
| 09.01.2026 | Participated | - | Department of Botany St. Mary's College (Autonomous), Thoothukudi | Prof. Joy Mohandhas Third Endowment International Seminar on Frontiers in Botanical Research: Innovations and Global Perspectives & Paper Presentation Contest | International Seminar |
| 03.11.2025 | Participated | - | St. Mary's College (Autonomous), Thoothukudi. | Innovation in Chemical sciences for Sustainable Development (ICSSD 2025) | International Conference |
| 15.09.2025 | Participated | Invitro and Insilco evaluation of Citrus Limon (L.) Burm.F ethanolic fruit extract for its | Department of Botany (DST-CURIE) sponsored Sarah Tucker College, Tirunelveli | Recent trends in Life Science (RTLS-25) | National Level Seminar |

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| | | anticancer activity | | | |
| 18.09.2025-20.09.2025 | Paper Presented | - | Flavinlabs pvt.Ltd | Three days online workshop on Mushroom Spawn Production | National |
| 17.09.2025 | Participated | - | Department of Botany St. Mary's College (Autonomous), Thoothukudi | Preserving the Green legacy of Plant Diversity for a sustainable Future (SDG-4) | National seminar |
| 04.08.2025 - 08.08.25 | Participated | - | Department of Chemistry DRBCCC Hindu College in association with ACT Academy | Synergistic Chemistry: Innovations in Materials, Modelling & Medicine | FDP |
| 23.07.2025 | Participated | - | St. Mary's College (Autonomous), Toothukudi, Tamil Nadu | Plant Derived Antidiabetic Agents & Nanotechnology – Enabled Immunomodulation | International Conference |
| 18.07.2025 | Participated | - | Department of M.A HRM and Library committee of St. Mary's College (Autonomous), Thoothukudi, Tamil Nadu | Innovative pathways in International Entrepreneurship and futuristic Approach to Library System | International seminar |
| 11.03.2022 | Participated | - | Department of Botany and Research Centre, Women's Christian College, Nagercoil | National seminar on Floristic Diversity of South Western Ghats – Phytochemical perspectives | National seminar |
| 09.12.2021-10.12.2021 | Presented | - | Alpha Arts and Science College, Chennai | Two days International Multidiciplinary Conference on the theme Research and innovation | International |
| 12.06.2020 | Participated | - | Research center and post graduate Department | National webinar series Lecture in Time for nature | National |

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| | | | Environmental Science, All Saints's College Trivandrum | | |
| 07.01.2020 | Presented | Phytochemical screening of *Manilkara zapota* (L) P.Royen | Department of Botany, Holy Cross College Nagercoil | International seminar in Conservation of biodiversity and bioprospecting of Indigenous plants | International |
| 2019 | Participated | Phytochemial profiling of *Manxilkara zapota* (L) P Royen growing near mobile phone towers | | Proceedings of the National Conference Contemporary Environmental Issues and Conservation of Southern Western Ghats | National |

## Papers Published

| Paper Title | Author(s) | Journal | Year | Volume | Issue | Page No. |
|---|---|---|---|---|---|---|
| Seaweed-Mediated Synthesis of Copper Oxide Nanoparticles and Evaluation of Their Antibacterial and Antibiofilm Activity Against Fish Pathogens | Sathianeson Satheesh 1, **M. Prabha** 2, Ramzi H. Amran 3, and Anand Austin Jeya Kumar 4. | Micro, MDPI | 2026 | 6 | 4 | 87 |
| Molecular Identification and Phylogenetic Analysis of *Manilkara zapota* (L.) P. Royen from Southern Tamil Nadu using DNA Barcoding | Brintha M and **Prabha, M** | Indian Journal of Natural Sciences | 2025 | 16 | 92 | 102475-102481 |
| Bioactive | **Prabha M** & Brintha M | Indian Journal of | 2025 | 16 | 92 | 100109 - 100114 |

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| Profiling and antimicrobial Evaluation of *Solanum torvum* and *Solanum xanthocarpum* using GC-MS and *in vitro* Assays | | Natural Sciences | | | | |
| Evaluation of antimicrobial properties of *Manilkara zapota* (L) Royen Fruits' | Brintha M, **Prabha, M** Thampiraj, S and Beena Lawrence | The International Journal of Analytical and Experimental Model Analysis | 2021 | 13 | 11 | 239-257 |
| Screening and Characterization of bioactive principles from *Manilkara zapota* (L) P.Royen fruits | Brintha, M, **Prabha, M** and Beena Lawrence | Gis Science Journal | 2021 | 9 | 5 | 527-542 |
| *In vitro and in silico* evaluation of *Citrus limon* (L.) Burm.F. ethanolic fruit extract for its anticancer activity' | **Prabha, M**, Brintha, M, Thampiraj, S and Beena Lawrence | The International Journal of Analytical and Experimental Model Analysis | 2021 | 13 | 11 | 292-309 |
| Molecular profiling and antioxidant potential of *Citrus limon* (L.) Burm.F. Fruits | **Prabha, M**, Brintha, M and Beena Lawrence | Gis Science Journal | 2021 | 9 | 5 | 527-542 |

**Books Published**

| Date | Book Title | Author(s) | ISBN Code | Editions | Publisher |
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|---|---|---|---|---|---|
| *Manilkara zapota* and Its Phytochemical Profile | Interdisciplinary Perspectives in Pharmaceutical, Chemical and Biological Sciences | M. Brintha **M. Prabha** M. Nyla Azmi A Beena Lawrence Florence A.R. | E-ISBN: 978-93-49938-17-5 | Nature Light Publications | 2025 |
| *Citrus limon* as a Natural Fortress: Antimicrobial and antioxidant efficacy of sequential solvent extracts | Trends in Biological Science Research - A multidisciplinary Approach | **M. Prabha** M. Brintha Beena Lawrence | E-ISBN: 978-93-7020-682-3 | IIP Series | 2026 |

**As Resource Person**

| Date | Name of the Institution | Invited As | Topic/Event |
|---|---|---|---|
| 18.08.2025 | Holy Cross College (Autonomous) Nagercoil, Tamil Nadu | Resource Person (Faculty Exchange) | Economic Importance of Fungi and Extra Chromosomal Inheritance. |