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| Name | Dr. A. Jacintha Tamil Malar |
| Qualification | M.Sc., M.Phil., Ph.D. |
| Designation | Assistant Professor |
| Year of Joining | 08.10.2007 |
| Specialization | Taxonomy, Microbiology |
| Email id | jacinthamalarsmc@gmail.com |
| Mobile No. | 9486541440 |



Seminars/Workshops/FDP/ Conferences

| Title of the Workshop/ Seminar/ FDP | Type | Paper Presented/ Participated | Organized By | Date |
|---|-----------------------|--------------------------------------|--|---------------------|
| Climate change | webinar | Participated | Bharathidasan University, Tiruchy | 11.08.2021 |
| Role of technology in Higher Education | | Participated | M.L.S. University , Rajasthan | 10.8.2021 |
| Innovation, Ecosystem and Incubation | Workshop | Participated | The New College, Chennai | 28.7.2021 |
| Molecular Docking | FDP | Participated | Nirmala College for Women ,Coimbatore | 23.7.2021&24.7.2021 |
| Lifestyle Modification and Management with Siddha | Webinar | Participated | Holy Cross College (Autonomous), Nagercoil | 29.06.2021 |
| Biomedical Applications in Nanomedicines | International Webinar | Participated | Nehru Arts and science College, Coimbatore | 9.06.2021 |

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| Innovations in Bio and Chemical Engineering for Sustainable Life | | Participated | Kalasalingam Academy of Research and Education | 20.5.2021&21.5.2021 |
| The World's Weirdest Flowers | | Participated | Department of Botany, Holy Cross College (Autonomous), Nagercoil, Kanyakumari District, Tamilnadu | 18.03. 2021 24 -Februar |
| Hepatitis - An Insight to Comemorate World Hepatitis Day | International Webinar | Participated | Departments of Microbiology & Biotechnology, Kumararani Meena Muthiah College Of Arts & Science, Chennai | 28.07. 2020 |
| An Update on Covid 19 | - | Participated | IQAC, St.Mary's College (Autonomous), Thoothukudi | 10.07. 2020 |
| Recent trends in Biopharmaceutic als and Green Nanotechnology | - | Participated | Department of Botany, The New College, Chennai | 09.07. 2020 |
| Path of wellness – diabetes and me | - | Participated | Department of Zoology, St. Mary's College (Autonomous), Thoothukudi. | 26.06.2020 |
| Photo biotechnology | - | Participated | Department of Botany, SFR College for women, Sivakasi. | 25.06.2020 |
| Quorum sensing a great therapeutic choice for the developme nt of anti-microbial agents | International Webinar | Participated | Arumuganpillaiseethaiam mal college, Sivagangai. | 24.06.2020 |
| Biodiversity urgent and existential concern | - | Participated | Department of Botany, St. Mary's College (Autonomous), Thoothukudi. | 10.06.2020 |

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|---|-----------------------|--------------|--|--------------------------------|
| Importance of IAQ in containment of Covid-19 | - | Participated | Department of Biotechnology, AyyaNadarJanakiAmmal College, Sivakasi. | 06.06.2020 |
| House plants mitigating the indoor pollution | International Webinar | Participated | Department of Botany, Isabella Thoburon College, Lucknow. | 05.06.2020. |
| Mossbauer spectroscopy – elucidation of magnetic compounds in biological system | - | Participated | Department of Botany, St. Mary's College (Autonomous), Thoothukudi. | 02.06.2020 & 03.06.2020. |
| Traditional webinar | - | Participated | Department of Botany Sadakthullah-Appa College, Tirunelveli. | 30.05.2020. |
| FDP on “ Chemistry of Novel Covid-19 - Threat to Global Public Health” | - | Participated | Department of Chemistry, St. Mary's College (Autonomous), Thoothukudi, | 26.05. 2020 |
| “Application of Molecular Markers in Plant Systematics” | - | Participated | PG & Research Department of Botany, V.O.Chidambaram College. | 23.05. 2020 |

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| Workshop on Scientific writing for journals | - | Participated | Springer Nature | 15.05.2020 |
| “Plant molecular biology in space” | International Webinar | Participated | Department of Botany and Bio-informatics, Nirmala College for Women, Coimbatore | 14.05. 2020 |
| Two –day online Workshop on Mental health and Psychosocial consideration during lockdown | - | Participated | St. Mary’s College (Autonomous), Thoothukudi, | 13.5.2020 & 14.05. 2020 |
| Selection of appropriate statistical tools: A critical way for successful research | - | Participated | Research Advisory Committee, St. Mary’s College (Autonomous), Thoothukudi, | 12 .05 2020 |
| UGC sponsored Refresher Course in Life Sciences, Theme: | - | Participated | UGC – Human Development Centre, Madurai Kamaraj | 05.03.2020 to |
| Emerging Trends in Life Sciences” | | | University. | 18.03.2020 |
| E-Content Development Programme | - | Participated | IQAC, St. Mary’s College (Autonomous), Thoothukudi | 18.02.2020 to 22.02.2020 |

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| Hands on training On Basic Research techniques | - | Participated | Centre for marine science and technology, Rajakamangalam | 02.12.2019- 04.12.2019 |
| Faculty Development Programme | - | Participated | IQAC, St. Mary's College (Autonomous), Thoothukudi | 26.11.2019 |
| Lecture cum workshop on Miracles of seaweeds | - | Organised | Department of Botany St. Mary's college (Autonomous) Thoothukudi | 09.08.2019 |
| Seminar on Research in India – Current state and future prospects | National | Participated | St.Mary's college (Autonomous) Thoothukudi | 11.04.2018 |
| Refresher Course | - | Participated | UGC Academic Staff College, M.K.University, Madurai | 09.03.2018 to 29.03.2018 |
| Green chemistry for clean environment | National | Participated | St.Mary's College (Autonomous) Thoothukudi | 07.12.2017 & 08.12.2017 |
| “E-Waste hazards and management | - | Participated | St.Mary's College (Autonomous) Thoothukudi | 09.03.2017 |
| Current Scenario in Plant Sciences | - | Participated | V.O.ChidambaramC ollege, Thoothukudi | 28.12.2016 & 29.12.2016 |

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| Algal biotechnology an eco-friendly solution for food,fuel and health | - | Participated | Department of Botany, St.Mary's College (Autonomous) Thoothukudi | 14.10.2016 |
| Two Day Seminar on Skills and Opportunities for Enhancing Science Graduates Employability (SOESGE-2016) | National | Participated | Department of Botany, St.Mary's College (Autonomous) Thoothukudi | 04.02.2016 & 05.02.2016 |
| Conference on Reasserting Microbial Biotechnology to Deflate Global Disease Burden- RMBT' 15 | International | Participated | Department of Biotechnology, ManonmaniamSundaranar University, Tirunelveli | 28.09.2015 & 29.09.2015 |
| Nanomaterials and its applications | - | Participated | Department of Chemistry, Mar Ivanios College (Autonomous), Tiruvananthapuram. | 01.10.2015 |
| Conference on "Solar Energy" | International | Participated | St.Mary's College (Autonomous) Thoothukudi | 11.02.2015. |
| Faculty Improvement Programme | - | Participated | AIACHE in Kodaikkanal | 20.11.201 & 21.11.2013 |

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| Workshop on “Bioinformatics” | - | Participated | St. John’s College, Palayamkottai | 13.12.2012 & 14.12.2012 |
| Seminar on “Current trends in marine plants Research and Utilisation, at Perunthalivar Kamarajar Arts College. Pondicherry | National | Participated | PerunthalaivarKamarajar Arts College, Puducherry and Seaweed Research and Utilization Association Tuticorin, Tamilnadu. | 26.10.2012 to 28.10.2012 |
| Seminar on “E-resources –A must in Today’s scholarly world” | National | Participated | St. Mary’s College, (Autonomous) Thoothukudi | 19.10.2012 |
| Seminar on “Nanoscience’ | National | Participated | Govindammal Aditanar College for women, Tiruchendur | 29.08.2012 |
| Orientation programme | - | Participated | UGC Academic Staff College, M.K. University, Madurai | 16.05.2012 to 12.06. 2012 |
| Seminar on “Nanoscience and application” | National | Participated | V.O.C. College, Thoothukudi | 12.03.2012. |
| Workshop on Entrepreneurship Developmental Programme for Biologist | National | Participated | T.D.M.N.S. College | 17.02.2012 |
| Conference on Environmental security for food and health. | International | Participated | M.D.T Hindu College, Tirunelveli | 16.02.2012 to 18.02.2012 |

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| Workshop on Effective classroom communication and teaching skills for College teachers | - | Participated | Christ University Bangalore | 11.05.2011 & 12.05.2011 |
| Seminar on Irubatham Noottandin Novelkalinal inthorinvalial | National | Participated | St. Mary's College,(Autonomous) Thoothukkudi | 20.10.2011 |
| Refresher Course in Bioinformatics | - | Participated | UGC Academic Staff, University of Kerala, Kariavattam | 27.12.2010 to 17.01.2011 |

Papers Published

| Paper Title | Author(s) | Journal | Year | Volume | Issue | Page No. |
|--|---|---|------|--------|-------|----------|
| Macroscopic And Microscopic Studies On the aerial parts of Selected Species Of Lamiaceae | M. Maharasi, R. Malathi, P. Mari Manju, M. Maria Reena Maxilda, M. Mariammal and Dr.A. Jacintha Tamil Malar | SMC Science Updates Star Proceeding | 2021 | 1 | | |
| In vitro antioxidant activity of <i>Cyperus bulbosus</i> Vahl | Santhanamari, Uthayakumari, Jacintha Tamil malarA | European Journal of Biomedical and Pharmaceutic al Sciences | 2018 | 5 | 6 | 463-467 |

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|---|--|---|------|---|----|-----------|
| Hypoglycemic and Hypolipidemic effects of methanolic extracts of <i>Sauropus bacciformis</i> whole plant in alloxan induced diabetic rats | Sheela, Jacintha Tamil Malar A. , Uthayakumari, | European Journal of pharmaceutical and medical research | 2017 | 4 | 12 | 386-392 |
| The morphological and anatomical properties of endemic <i>Capparis divaricata</i> Lam. (Capparidaceae) | Jacintha Tamil Malar A. , | Marian Quest | 2017 | 6 | | 59 - 64 |
| Anti-inflammatory potential of <i>Capparis diversifolia</i> Wight & Arn. leaf extract against carrageenan induced paw EDEMA IN RATS | Jacintha Tamil Malar A. , Sarvana Gandhi, Glory, Shanmuga Jothi, Uma Maheshwari | International Journal of Research Ayurveda and pharmacy | 2017 | 8 | 1 | 101-104 |
| Phytochemical screening of the leaf extract of <i>Capparis divaricata</i> lam. by GC-MS analysis | Jacintha Tamil Malar A. , Sarvana Gandhi and Uma Maheshwari | International Journal of Applied and pure science and Agriculture | 2017 | 3 | 1 | 133-138 |
| GC-MS analysis of bioactive compounds in the leaf extracts of <i>Capparis diversifolia</i> Wight & Arn.- An Endemic Taxon of southern western Ghats | Jacintha Tamil Malar A. , Sarvana Gandhi A., Uthayakumari F., and Santhana Mari | World Journal of Pharmaceutical Research | 2016 | 5 | 12 | 1333-1340 |
| Anti-inflammatory potential of aerial parts of <i>Senna italica ssp micrantha</i> (BRENAN) Lock. (Caesalpiniaceae). | R.S.Jothi, F.Uthayakumari, Jacintha Tamil Malar A. , V.Bharathy | Journal of Harmonized research in Applied sciences | 2015 | 3 | 3 | 172-175 |

Online Courses:

1. Completed “Plant Developmental Biology” a NPTEL Online Certification Course (Funded by the Ministry of HRD, Govt. of India) offered by Indian Institute of Technology, Roorkee through Swayam Portal during September - October 2020 (4 week course)
2. Completed “Applied Environmental Biology ” a NPTEL Online Certification Course (Funded by the Ministry of HRD, Govt. of India) offered by Indian Institute of Technology, Roorkee through Swayam Portal during January -April 2021(12 weeks course)
3. Completed “Legal and Regulatory Issues in Biotechnology” a NPTEL Online Certification Course (Funded by the Ministry of HRD, Govt. of India) offered by Indian Institute of Technology, Kharagpur through Swayam Portal during July -August 2021(4 weeks course)

Others

Assistant Controller of Examination - 2021

Member of Student Council -2020-2021

Member of Green Campus 2020-2021

Member of Student Council -2019-2020

Member of Admission committee-2019-2020

NSS coordinator – 2014 -2015

Member of CDP -2012-2013

Member of Tableau committee 2012-2013

Member of counselling -2009-2010

Member of Discipline committee -2009-2010

Member of Eco club -2009-2010