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| Name | M. Glory |
| Qualification | M.Sc., M.Phil., Ph.D. |
| Designation | Associate Professor & Head |
| Year of Joining | 26.6.1988 |
| Specialization | Plant physiology and Marine biology |
| Email id | <u>gloryatsmc@gmail.com</u> |
| Mobile No. | 9487705185 |



Seminars/Workshops/FDP/ Conferences

| Title of the Workshop/ Seminar/ FDP | Type | Paper Presented/ Participated | Title of the Paper | Organized By | Date |
|--|---------------------------|--------------------------------------|---------------------------|--|-------------------------|
| Nature & Biodiversity Conservation | National seminar | Participated | - | Dept. of Plant Biology and Plant Biotechnology & Dept. of Adv. Zoology & Biotechnology, Sadakathullah Appa College, Tirunelveli, | 31.01.2011 |
| Perspective on choice Based Credit System (CBCS) in Tamil Nadu | State level seminar | Participated | - | V.O.C College, Thoothukudi | 18.02.2012 |
| Research Awareness Programme at Entomology Research Unit, | DST & TNSCST sponsored | Participated | - | St.Xavier's College, Palayamkottai | 09.03.2012 |
| faculty development programme | National level conference | Participated | - | All India Association for Christian Higher Education held at CSI – Synod Chennai | 9.07.2014 to 11.07.2014 |
| The role of Religion in Promoting Peace | National seminar | Participated | - | Christ University, Bangaluru | 19.02.2015 to |

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| and Harmony; Contribution of Christianity” | | | | | 20.02.2015 |
| Quality Enhancement in Higher Education: Teaching, Learning & Evaluation | National Seminar | Participated | - | IQAC, St. Mary’s College (Autonomous), Thoothukudi | 7.06.2016 & 8.06.2016 |
| Academic quality in Higher Education | Three day conclave of Academics | Participated | - | Christ University Bengaluru and Christ Institute of Management (CIM) Lavasa-Pune | 29.01.2016 to 31.01.2016 |
| capacity building on E-content development | workshop | Participated | - | IQAC St. Mary’s College (Autonomous), Thoothukudi | 11.04.2016 to 16.04.2016 |
| Effect of National Education policy 2016 in the present scenario, | seminar | Attended | - | VOC College of Education, Thoothukudi | 08.09.2016 & 09.09.2016 |
| Cosmic Concerns: An Interdisciplinary Dialogue in Applied Ethics | National Conference | Participated | - | IQAC, St. Mary’s College (Autonomous), Thoothukudi | 27.01.2017 & 28.01.2017 |
| corrosion awareness day | workshop | Participated | - | National corrosion Council of India, Karaikudi at St. Mary’s College (Autonomous), Thoothukudi | 6.04.2017 |
| International Conference on Environmental Health and Climate Change | International | Participated and presented paper | Biodegradation of pesticide contaminated agricultural soil using selected bacterial strains | Department of Environmental Biotechnology, Bharadidasan University, Trichy | 7.03.2017 to 8.03.2017 |
| Seminar on The joy of living – A psychological | International | Participated | - | Department of Psychology, St. Mary’s College | 26.09.2017 |

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| perspective | | | | (Autonomous), Thoothukudi | |
| A One day Research Orientation Programme for Research Supervisors of Manonmaniam Sundaranar University | - | Participated | - | IQAC & Centre for Research, Manonmaniam Sundaranar University, Tirunelveli. | 01.11.2017 |
| Round table Discourse on The Present Context of Higher Education Impacting Universities and Colleges: Preparing for Higher Quality Initiatives | - | Participated | - | CEDBEC, CHRIST University, Bengaluru | 15.03.2018 To 17.03.2018 |
| Faculty Development Training on Natural Product Research | - | Participated | - | School of Biological Science, St.Mary's College (Autonomous), Thoothukudi | 02.01.2020 to 04.01.2020 |
| Conference on Climate Change and Sustainable Development | Internatio nal | Participated | - | Annammal College of Education for Women, Thoothukudi | 31.01.2020 |
| Seminar on Scientific Publication and Evaluation: Reference tools, Citation Analysis and Plagiarism | National | Participated | - | Department of Library and Research Forum, St.Mary's College (Autonomous), Thoothukudi | 03.02.2020 |
| Faculty Development Programme on "Research Challenges and Innovations in Renewable Energy Systems | Internatio nal | Participated | - | The Department of Electrical and Electronics Engineering in association with Centre for Renewable Energy Technology-AVIT | 11.05.2020 to 16.05.2020 |
| Two –day online | - | Participated | - | St. Mary's College | 13.05.2020 |

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| Workshop on Mental health and Psychosocial consideration during lockdown | | | | (Autonomous), Thoothukudi, | to 14.05.2020 |
| Quiz on Know your Economic | | Participated | | Department of Economics, St. Mary's College (Autonomous) | 28.7.2021 |
| UGC sponsored seventh online faculty induction programme | | Participated | | Bharathidasan University | 29.11.2021 to 28.12.2022 |

Papers Published

| Paper Title | Author(s) | Journal | Year | Volume | Issue | Page No. |
|---|---|---------------------------|------|--------|-------|------------|
| Effect of Gibberelic acid on germination and seedling growth in <i>Leptadenia reticulata</i> (Retz.) WT. & ARN. (Asclepidaceae) | M.Glory | Indian forester | 2011 | 137 | 1 | 83 – 87 |
| Nutraceutical Evaluation of two species of <i>Mucna prucens</i> (L.) DC. The under - exploited Legume | M. Glory, R. Usha and K. Shanmugapriya | Marian Quest | 2012 | 1 | 2 | 132 – 137. |
| Effect of heavy metal stress and salt stress on biochemical constituents of selected microalgae. | M.Glory and P.Hermalin | Marian Quest | 2012 | 1 | 2 | 128 – 134 |
| Trace element contamination in the estuarine sediments along Tuticorin coast – Gulf of Mannar, Southeast coast of India. | M.Glory and P.Hermalin | Marine Pollution Bulletin | 2013 | 73 | | 355 – 361 |
| Evaluation of carbon sequestration potential of selected soil types in Thoothukudi with special reference to | M.Glory | Marian Quest | 2013 | 2 | 1 | 62 – 65 |

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| mangrove soil., | | | | | | |
| Evaluation of carbon sequestration potential of mangrove ecosystem of Punnakayal, Tamil Nadu., | P.Hermalin, M.Glory and M.Mary Sujitha | Marian Quest | 2015 | 4 | 1&2 | 33 – 39 |
| Assessment of heavy metal distribution of mangrove sediment of Thoothukudi coast, Tamil Nadu., | M.Glory and P.Hermalin | Eco. Env. &cons | 2016 | 22 | 2 | 711-714 |
| Characterization of seaweed and effect of seaweed liquid fertilizer on growth parameters and nutrition content of <i>Brassica juncea</i> | S. Maria Jenifer, S. Rabiya, K. Muthu Esakkiammal, P. Muthu Santhiya, C. Muthu Valliammal and M. Glory | SMC Science Updates Star Proceeding | 2020 | | | 7-16 |

As Resource Person

| Name of the Institution | Invited As | Topic/Event | Date |
|--|--|--|-------------------------|
| Kamaraj College, Tuticorin | Resource person | Content enrichment programme for the school teachers, Tuticorin. | 16.07.2014 |
| TNPSC Commissioner office, chennai | TNPSC Exam Question paper setter(PG Level) | Botany | 20.02.2016 - 25.02.16 |
| Nesamani Memorial College, Marthandam | Resource person | GM crops-food security and risk assessment | 07.08.2017 |
| Annammal College of Education for Women, Tuticorin | Resource person | Food farmers future | 18.08.2017 |
| St.Mary's College Thoothukudi | Resource person | The world of plants. Inservice training to the secondary grade science teachers of government schools in Thoothukudi district. | 28.08.2017 – 01.09.2017 |
| Annammal College of Education for | Resource person | National Seminar on Environment and | 15.12.2017 |

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| Women, Tuticorin | | Hygiene | |
| Marian Star Centre, St.Mary's College Thoothukudi | Resource person | Guest lecture on Population Ecology | 28.01.2020 |
| Annammal College of Education for Women, Thoothukudi | Chair person | International Conference on Climate Change and Sustainable Development | 31.01.2020 |
| Holy Cross College (Autonomous), Nagercoil | Screening cum Evaluation committee for CAS Subject Expert | CAS Subject Expert | 28.04.2022 |

M.Phil & Ph.D Guided:

- M.Phil. - 7
- Ph.D. - 2

Award Received:

- Best Ecologist Award – 2016 is awarded by Madhavi Literary Society, Singapore.

Seminar Organized:

- Organized National Seminar on E-waste Hazards and Management sponsored by TNSCST on 09.03.2017
- Organized National Seminar on Academic and Research Integrity in the Digital World on 09.12.2017
- Organized National Seminar on Research in India- Current State and Future Prospect on 05.04.2018
- Organized National Seminar on Artificial Intelligence in Agriculture *Challenges, Possibilities, Current Scenario* on 25.02.2020
- Organised a two days webinar on “Mossbauer Spectroscopy – Elucidation of Biological compounds” on 02.06.2020 and 03.06.2020
- Organized Webinar on “Biodiversity – Urgent and Existential Concerns” on 10.06.2020

Projects funded by UGC/ TNSCST

| Name of the Investigator | Title of the project | Duration | Amount Sanctioned | Funding Agency |
|--|--|-------------------|-------------------|----------------|
| Major Projects | | | | |
| Dr. M. Glory | Studies on the impact of heavy metal pollution on Mangrove ecosystem of Thoothukudi and development of strategies to conserve and regenerate on Mangroves”- Completed | 1-4-2013-1-3-2016 | 9,79,800/- | UGC |
| Student’s Project | | | | |
| Dr. Mrs. Glory (Faculty) M. Mary Sujitha (Student) II M.Sc. Botany | Evaluation of Carbon sequestration potential of mangrove and introduction of exotic species to Punnakayal Mangrove eco system, TN Completed | 2013-14 | 7,500/- | TANSICHE |
| Dr. Mrs. Glory (Faculty) D.Alex Puvanya (Student) II M.Sc. Botany | Isolation, purification, identification and characterization of bifenthrin degrading bacteria from garden soil of Thoothukudi Completed | 2017-2018 | Rs. 10000/- | TNSCST |

Others:

- Consultant Services- Wood sample identification
- Director of Ecofeminine Excellence (2014-2017& 2018-2020)
- Research Coordinator (2017-2018)
- Member of Academic Board of Studies- Holy Cross College, Nagercoil (2016-2017; 2017-2018)
- Convener of Star College Scheme Activities