

**Name** : Dr. M. Thiruselvi  
**Designation** : Professor  
**Department** : Clinical Laboratory Technology (Biochemistry)  
**Qualification** : M.Sc., M.Phil., Ph.D.  
**Experience** : Teaching: 13 Years 6 Months Industry: 1 Year  
**Area of Specialization(s)** : Cancer Biology  
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### Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D.	Biochemistry	PSG College of Arts & Science, Coimbatore	2020
M.Phil.	Biochemistry	Avinashilingam University for Women, Coimbatore	2008
M. Sc	Biochemistry	Avinashilingam University for Women, Coimbatore	2007
B. Sc	Food Science Nutrition & Biochemistry	Avinashilingam University for Women, Coimbatore	2005

### Research Publications (Indexed)

#### International

- B. Kiruthika, A. Vidhya, **M. Thiruselvi**, M. Sudhadevi, P. Padma, Zea mays leaf extracts exhibits anticancer property and enhance the chemotherapeutic action of etoposide in cancer cells, Indo American Journal of Pharmaceutical Research, 4, pp. 1530-1539. 2014, (Indexed in SCOPUS).
- S. Sasikala, S. Gowri, **M. Thiruselvi**, Antimutagenic activity of ethanolic extract of *Caralluma fimbriata*, World journal of pharmacy and pharmaceutical sciences, Vol. 5, Issue 2, pp. 582-587. 2016.
- **M. Thiruselvi**, D. Brindha, Cell death induced by hydroethanolic extract of *Artocarpus heterophyllus* seeds in Hela- cervical cancer cell line, International journal of Current Research, Vol. 9, No 05, pp. 50193-50196, May 2017, ISSN:0975-833(UGC).

- **M.Thiruselvi**, D. Brindha, *In Vitro and in Vivo* Antiangiogenic effect of *Artocarpus heterophyllus* seed extract, Asian Journal of Pharmaceutical and Clinical Research, Vol. 11, No. 9, pp. 268-271. September 2018, ISSN: 2455-3891 (Indexed in SCOPUS).
- D.Brindha, **M. Thiruselvi**, Free radical scavenging activity from hydroethanolic extracts of *Artocarpus heterophyllus* seeds, Drug Invention Today, Vol. 10, No. 8, pp. 1395- 1399. September 2018, ISSN:0975-7619 (Indexed in SCOPUS).
- **M.Thiruselvi**, D. Brindha, Cytotoxic activity of *Artocarpus heterophyllus* against a panel of cancer cell lines, Strad Research, Vol. 9, No. 1, pp. 439-454. January 2022, ISSN: 0039-2049 (Web of Science Group & UGC Care Group II Journal).
- **M.Thiruselvi**, D. Brindha, Influence of *Artocarpus heterophyllus* in benzopyrene induced lung cancer, Journal of University of Shanghai for Science and Technology, Vol. 24, No. 2, pp. 101-115. February 2022, ISSN: 1007-6735 (Indexed in SCOPUS).
- Santhoshkumar Muthu, Brindha Durairaj, **Thiruselvi Muniswaran**, Monisha Sudhakar, Isolation and Characterization of Small Alpha Triptide from the Young Leaves of *Annona Muricata*, Journal of Xidian University, Vol 16, Issue 7, 2022, pp 842-850, ISSN No:1001-2400 (Indexed in SCOPUS).
- Santhoshkumar Muthu, Monisha Sudhakar, Shalini Ganesh, **Thiruselvi Muniswaran**, Keerthika Kumarasamy, Tamiloli Devendhiran, Mei-Ching Lin, Brindha Durairaj, Metabolite profiling and characterization of hydroethanolic extract of *Annona muricata* Linn. Leaves by GC/MS, LC-MS, HPTLC, UV and FTIR Analysis, Journal of Xidian University, Volume 16, Issue 7, 2022, pp 865-883 ISSN No:1001-2400 (Indexed in SCOPUS).
- Monisha Sudhakar, **Thiruselvi Muniswaran**, Gayathri Devi, Ram Narendran, V Rama, Santhoshkumar Muth, Hariputhiran, Ragavan Balliah, Renal function outcome and antidyslipidaemic effect of polyherbal crude extract in Isoproterenol-Induced Oxidative Damage in Rat Myocardium, Journal of University of Shanghai for Science and Technology, Volume 24, Issue 8, August – 2022, ISSN: 1007-6735, 286-301 (Indexed in SCOPUS).
- C.Hemalatha, **M. Thiruselvi**, DNA Cleavage Protectivity of *Andrographis Alata* (Vahl) Nees Extract, Goya Journal, ISSN No: 0017 - 2715, Volume 17, Issue 05, May 2024.

- **Thiruselvi Muniswaran** Psittacosis – Recent Zoonotic Disease, Communication and Management Journal, ISSN: 2269-7195, Volume 9, Issue 05, Pg No 49, May 2024
- **Thiruselvi Muniswaran** Formulation and evaluation of collagen herbal soap containing extracts of Sardine longiceps scales and Citrus Sinesis, Communication and Management Journal, ISSN: 2269-7195, Volume 9, Issue 05, pg No 360, May 2024.
- **Thiruselvi. M**, Santhosh Kumar M, A Review on Recent Developments in Cancer Genetics, Journal of Emerging Technologies and Innovative Research, ISSN-2349-5162, Volume 12, Issue 5, Pg.No 698-709 May 2025.
- **Thiruselvi.M**, Santhosh kumar M, A Systematic Review on Breast Angiosarcoma, International Journal of Scientific Research and Engineering Development, ISSN: 2581-7175 Volume 8 Issue 3, May 2025, 1801-1834.

#### Other Publications: International / National Journals

- **M. Thiruselvi**, T. Beenu, Comparison of free radical scavenging of two main varieties of cicerarietinum sprout, International research journal of pharmacy, Vol. 4, Issue. 06, pp.168-170, July 2013, ISSN 2230-8407.
- K. K. Dhanushka and **M. Thiruselvi** Kidney Function Test Prevalence for Pesticide Handlers and Non-Pesticide Handlers, International Journal of Research in Engineering, Science and Management, Vol 5, Issue 7, July 2022, ISSN (Online): 2581-5792, pp 128-133.

#### Patent

- “Formulation And Evaluation of Polyherbal Antiscar Cream” patent was published under application number 202441003477, 13.01.2024.
- “Development of Bio-Antidandruff Shampoo Based on Herbal Source *Mangifera Indica* Kernel and Protein Source Collagen”, Application No. 202441002669A dated 13.01.2024.

#### Book

- **Dr. M. Thiruselvi**, Dr. M. Santhoshkumar, “New Approaches in Biological Sciences and Biotechnology”, (ISBN: 978-81-966183-4-6), Edited Book Volume-1, ACTA Classic Publisher.

#### Book Chapters

- Computational biology Research and Applications” Bioinformatics Approaches and Applications in Plant Biotechnology, Royal Book Publishing – International (Eleyon publishers), ISBN No: 978-93-95423-24 3.
- “Role of Phytomedicine in Cancer Prevention” Emerging Trends in Therapeutic Agents from Medicinal Plants, ISBN:978-81-966183-7-7, ACTA Classic Publishers, Pg.No 115-123.
- Therapeutic Potentials of Curcuminoids, Emerging Trends in Therapeutic Agents from Medicinal Plants, ISBN:978-81-966183-7-7, ACTA Classic Publishers, Pg.No 115-123.
- Wound Healing and Dressing along with Nanomaterial, Biopolymers and Biopolymeric Nanocomposites in Therapeutic Applications.

### Conference Proceeding

- Business Practices with Principles from Ancient Texts like Bhagavadgita, Thirukural etc, Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective, (ICSSRIKS2024),” 4.07.24-5.07.24, ISBN:978-81-971000-5-5.
- Hormonal Imbalance, International Conference on “Translational Research Towards Attaining Good Health and Wellbeing for Sustainable Development”, 09.03.24, ISBN-978-81-971000-2-4.
- Psittacosis-Recent Disease Outbreak, International Conference on “Translational Research Towards Attaining Good Health and Wellbeing for Sustainable Development”, 09.03.24, ISBN-978-81-971000-2-4.
- Evaluation of phytochemicals and *In vitro* Anti-Inflammatory activity in the extract of *Curcuma Zedoaria*, National conference on Interdisciplinary Approaches on dynamics of Biocience Research (IADBR-2023), Dr. N.G.P Arts and Science College, ISBN: 978-81-96322-7-6, 28- March- 2023.
- *In vitro* Antioxidant activity of *Cucurbita Maxima* against free radicals, International Conference on Recent development in computational and Biological Sciences (ICRDCBS 2023), Sri Ramakrishna College of Arts and Science for Women, ISBN:978-93-5759-836-1,10 - March- 23
- Formulation of under Eye Cream and its Antibacterial activity using seed and Leaf extract, XIV Louis Pasteur International Symposium on role of Multidisciplinary

Research in Microbiology for sustainable development (RMSD - 2023), Dr.N.G.P. Arts and Science College, ISBN: 978-81-962322-5-2, 09 - March- 23

- **Protective effect of polyherbal seed extract against Oxidative stress**, International Conference on Confluence of Science and Technology (ICCST), PG and Research Department of Biochemistry, Bharathidasan College of Arts and Science, Erode, ISBN:978-93-5759-836-1,10 - Oct- 22.

### **Participation in Workshop**

- Workshop on instruments and Techniques in laboratory medicine, 12.07.2023 - 13.07.2023.
- Workshop on Digital creativity skills- Adobe academic essentials, 20.07.2023.
- Workshop on Beneficial Applications of Radiation technology and Indian nuclear energy programme, 31.08.2023
- Workshop on Mushroom Cultivation: Current Scenario and future Prospects, Kongunadu Arts and Science College on 23-Aug-21
- International Workshop on Health Risk Assessment of Nanoparticles, Dr.N.G.P. Arts and Science, Coimbatore on 05-Dec-18 to 07-Dec -18.
- Recent Advances in Biological Sciences, Bharathidasan College of Arts and Science, Erode 12-Sep-17 to 13-Sep-17.
- Quality enhancement in HEIs by the effectiveness of Academic and Administrative Audit issues and challenges, SNR Sons College, 21-Oct-16 to 22-Oct- 16.
- Clinical trials organized by Resolve Coimbatore, RVS College of Arts and Science College, 7<sup>th</sup> Sep- 2013.
- Two days on workshop on Immunotechniques, Organized by Abbes Technologies, RVSCollege of Arts and Science College, 30-Jan-13 to 31-Jan -13.

### **Participation in Faculty Development Programme**

- FDP on Advancement in Research and Innovation in Pharmacy, Organized by Faculty of Pharmacy, Bharath Institute of Higher Education and Research, Chennai, 24.06.24 to 28.06.24
- FDP on Empowering Education for Innovation – A NEP Perspective, Centre for faculty

development programme, 30.06.2023 - 04.07.2023

- “Outcome based education & Blooms Taxonomy” A.C.T Academy and IQAC, Arasu college of Arts and Science for Women, Karur, 21-Nov-22 to 23- Nov-22.
- Research Methodology and Pedagogy for Tertiary Education, Dr. N.G.P. Arts and Science, Coimbatore, 15-Jun-2021 to 21-Jun-2021
- Digital Teaching Techniques, ICT Academy, 03-Aug-2020 to 08-Aug-2020
- Bio python - Spoken Tutorial Free Open-Source Software, Dr. N.G.P. Arts and Science, Coimbatore, 04-May-2020 to 10-May-2020
- Teaching Learning Enhancement, Dr. N.G.P Arts and Science, Coimbatore, 11-Nov-19 to 20-Nov-19
- “NAAC Revised Accreditation Framework and OBE assessment methodology”, Dr.N.G.P. Arts and Science, Coimbatore, 27- May-19 to 02-June-19.
- Quality measures in Higher Education, Dr.N.G.P. Arts and Science College, Coimbatore, 3-Dec- 19 to 09-Dec-19.
- Publishing in premier journals, Publication in SCI & SCIE, Kumaraguru College of Technology, Coimbatore, 07-Dec-17 to 08-Dec-17.
- Application on Statistical in Research using MS-Excel”, RVS College of Arts and Science, Coimbatore, 28- Feb-14.
- Training on Immunotechniques, RVS College of Arts and Science, Coimbatore, 30-Jan-13 to 31-Jan-13.

#### **Conference / Seminar / Workshop Organized**

- Organizing Secretary, International Conference on Translational Research Towards Attaining Good Health and Wellbeing for Sustainable Development, 09th March 2024, Organized by Department of Biochemistry, Food Science and Nutrition, Clinical Lab Technology, Chemistry and Medical Physics.
- One day National Seminar on Novel Materials for sustainable energy Development and Radiation Measurements (NSERM), Organized by Department of Physics, Chemistry, Medical Physics & Clinical Laboratory Technology.
- Organizer, National conference on Interdisciplinary Approaches on dynamics of

Bioscience Research (IADBR-2023), Dr. N.G.P Arts and Science College, March- 2023

- Organizer, one day National Level Workshop on Advanced Artificial Intelligence (AI) Methods in Breast Cancer Diagnosis and Clinical Research, Department of Computer science with cognitive systems & Clinical Laboratory Technology Sponsored by ICMR, Dr. N.G.P Arts and Science College, 26-Nov-2022
- Organizer, Webinar on Awareness on Clinical Research and Career Opportunities, Clinical Lab Technology, Dr. N.G.P Arts and Science College, 28-Sep-2021
- Organizer, Webinar on Nutrition Oncology, Clinical Lab Technology, Dr. N.G.P Arts and Science College, 14-Jun-2021
- Organizer, Webinar on Pharmaceutical Entrepreneurship, Clinical Lab Technology, Dr. N. G. P Arts and Science College, 14-Jun-2021
- Committee member, National Workshop on Big Data Analytics in Clinical Research (BDACR -21), 18-Mar-2021 to 19-Mar-2021
- National Conference on Futuristic Approaches in Transformation of Bioscience Research, Dr. N.G.P. Arts and Science College, Coimbatore, 6-Mar-20 to 7-Mar 20.
- Inspire Internship Science Camp, sponsored by Department of science & Technology, Govt. of India, New Delhi Organized by Department of Biotechnology Dr.N.G.P. Arts & Science College, Aug-18.
- Inspire Internship Science Camp, sponsored by Department of science & Technology, Govt. of India, New Delhi Organized by Department of Biotechnology Dr.N.G. P Arts & Science College, Oct-18.
- PCR and its Applications in disease Diagnosis, Department of Clinical Lab Technology, Dr. N. G. P Arts & Science College, 12-Oct-17.
- Inspire Internship Science Camp, sponsored by Department of science & Technology, Govt. of India, New Delhi organized by Department Biochemistry and Clinical Lab Technology, Dr.N.G. P Arts & Science College, 24-Aug-15 to 26-Aug-15.
- National conference on Role of Biopharmaceutical in achieving Health by 2020, Department Biochemistry and Clinical Lab Technology, Dr.N.G. P Arts & Science College, Coimbatore, 10-Jul-15.

**Invited Speaker / Session Chair- Conference / Seminar / Workshop**

- Invited Speaker, Development of Entrepreneurial Skills, Entrepreneurship Awareness Camp, Dr.N.G. P.Arts and Science College, 8-Jan-20 to 10-Jan-20.
- Invited Speaker, Inculcating Entrepreneurial Skills, In house lecture, Department of Clinical LabTechnology, Dr.N.G. P Arts and Science College, 15-Feb-20.
- Workshop on Histopathological Techniques – Tissue processing, Department of Clinical LabTechnology, Dr. N. G. P Arts and Science College, 14-March-25.
- Advisoring and Chairing, One Day International E-Seminar on Innovation in Chemistry and Biosciences: From Molecular Design to Environmental Solution.