

CURRICULUM VITAE

Dr. S. Josephinol, M.Sc., B.Ed., M. Phil., Ph.D.,

Assistant Professor,

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PERSONAL PROFILE

Name : S. Josephinol
Father's Name : S. Savariyar
Date of Birth : 11.06.1967
Religion : Christian
Nationality : Indian
Gender : Female
Marital Status : Married
Languages Known : Tamil and English: Can Read, write & speak

Permanent Address : No. 89 A, 6th Street,
Gandhi Salai,
Kailash Nagar,
Kattur, Tiruchirappalli.

Address for Communication : No. 89 A, 6th Street,
Gandhi Salai,
Kailash Nagar,
Kattur, Tiruchirappalli.

TEACHING EXPERIENCE

- Working as an **Assistant Professor** in the Department of Biochemistry, **Holy Cross College** (Autonomous), Tiruchirappalli-2, since **13th June 1996 (27 years)**.
- Worked as an **Assistant Professor** in the Department of Biochemistry, Thanthai Hans Roever College, Perambalur, from June, 2000 to April, 2001.
- Worked as an **Assistant Professor** in the Department of Biochemistry, Auxellium College, Vellore, from June, 1999 to April, 2000.

AREA OF RESEARCH

- Clinical Biochemistry

RESEARCH EXPERIENCE

- 17 Years 8 Months (guiding Projects for UG and PG students).

RESPONSIBILITIES/POSITIONS HELD

- Head of the Department (2018-2021 and 2010-2013)
- Chair Person for BOS
- Chairman, Bharathidasan University Examination Board (2010 –till date).
- Task force Committee Member, WSC (2021-till date).
- Question Bank setter – Tamil Nadu Public Service Commission (2019 -2020).
- Staff Club Incharge (2010-2018).
- Chairman, Biochemistry Board, Deivanai Ammal College, Villupuram. (2010 –till date).
- Core Committee Member of NAAC criteria I (2012-2023)
- Have organized International, National seminars and State level seminars and also been committee member for many symposia and conferences.
- Alumnae Association Incharge (2010-2018).
- Judge for Chem Expo 2024 organized by PG & Research Department of Chemistry, Holy Cross College, Trichy – 2 (2024)

PAPERS PUBLISHED

- 2023-2024** Antioxidant, Antidiabetic and Antiperiodontal activity of synthesized silver nanoparticles using flower and stem of *Costus Igneus*. International journal of Biology pharmacy and allied sciences, 13(2) ISSN: 2277-4998.
- Cytotoxicity Assessment of Euphorbia Hirta –Invitro study. Alpha International Publications, Proceedings, ISBN: 978-93-5762-162-5.
- 2022-2023** Antioxidant and Antidiabetic activity of synthesized Silver nanoparticles using Flower and Root of *EuphorPia Hirta*.
- Study of Minerals, UV-Visible and Ftir Spectroscopy from srirangam Temple Flower Waste manure.
- Antioxidant, Antidiabetic and Antiperiodontal activity of Synthesized Silver Nanoparticles using Flower and Stem of *Costus igneus*.
- 2021-2022** Anti-aging activity and identification of Bioactive compound from the seed of *Linum usitatissimum* by GC-MS Techniques. International journal of Biology Pharmacy, and Allied Sciences.

Antidiabetic effect of ethanolic leaves extracts of *Azima Tetracantha* Lam. in streptozotocin induced diabetic rats. International Journal of Pharmaceuticals sciences and research; 11 (12); 6078-6085.

2017-2018 Phytochemical screening, Antiglycation and Antioxidant activity of Ethanolic leaf extract of *Azima Tetracantha* Lam. ISSN: 2277-7105.

Analysis of bioactive compounds and antimicrobial activity of *Punicagranatum*. Asian Journal of Innovative Research. ISSN: 2455 7285.

A study on phytochemical screening and antimicrobial activity of *Citrus limetta*. World Journal of Science and Research. ISSN: 2455 2208.

2016-2017 Anti-microbial activity of *Azima tetracantha* against the pathogens causing diabetic foot infections. Imperial journal of Interdisciplinary Research, 3(4), 60-63. ISSN: 2454-1362.

Book Chapters

- Designing and Analyzing the Interaction of Synthetic Inhibitors With Phospholipases Through In Silico Methods. Elsevier, Phospholipases in Physiology and Pathology, Volume 5, 2023, Pages 243-254.

Books Published

- Laboratory Manual in Phytochemistry, Analytical and Molecular Techniques

Papers Presented in International/National Conferences or Seminars

2022-2023 Presented a paper entitled "Impact of Diabetes in patients with Covid -19 A Molecular level approach" at International Conference organized by PG and Research Department of Biotechnology, Jamal Mohamed College, Trichy.

2021- 2022 Presented a paper entitled "Post Covid-19 complications- A Biotechnological Approach" at National Conference organized by PG and Research Department of Biotechnology, Jamal Mohamed College, Trichy.

2019-2020 Presented a paper entitled "Phytochemical analysis at National Seminar on Human Microbiota-An ecological Approach" at National Conference organized by Department of

Biochemistry St. Joseph's College, Trichy.

- 2017-2018** Presented a paper entitled “Anti-microbial activity of *Azima Tetracantha* against the pathogens causing Diabetic Foot Infections” at International Conference organized by PG and Research Department of Biotechnology, Jamal Mohamed college, Trichy.
- 2015-2016** National Conference on Botanicals and phytochemicals: The Challenges and Promise for health care and Drug development. Rev. Jacob Memorial Christian College, Santhipuram, Ambilikkal
- 2015-2016** National seminar on Whole grain for Healthy life- presented on Extraction and utilization of Barley- Glucan for the preparation of functional food. Indian institute of crop processing Technology, Government of India, Thanjavur, Tamil nadu.

Workshops Attended/Organized

- 2007** Workshop on LIFE Long Life Styles, Prevention of Diabetes Mellitus, for School students. Gas Safety Clinic. Government school.
- 2007** Five days trainer Workshop on Soft Skills, Ethics and Human Values at Holy Cross College, Tiruchirapalli.
- 2021** Five day Capacity Building Program, Bhartiya Skill Development University (BSDU) Jaipur and the Commonwealth Education Media Center for Asia (CEMCA).

Conferences /seminars/ symposia/workshops - Attended:

Academic Year	Name of the Conferences /seminars/ symposia/workshops	National / International	Online/ offline	Details
2021-2022	Workshop Research Writing and Journal selection powered by scopus.	National	Online	Holy cross college & Innovation council Center (HCIIC) (Autonomous), 28 th February 2022
2021-2022	International Conference on Recent Advancements in Therapeutics.	International	Offline	Indra Gandhi college , Trichy on 17 th .
2020-2021	Seed and Weed Nurturing Relationship		Online	HCC, Trichy / 02nd June 2020
2020-2021	Combat the Pandemic Stress through Yoga.		Online	HCC, Trichy / 21st June 2020

2020-2021	Addressing Challenges in Higher Education through the OBE mode		Online	IQAC, HCC, Trichy / 4th June 2021
2020-2021	Discover Your Values : COVID-19.		Online	HCC, Trichy 10th June 2020
2020 -2021	Obesity and its role in Breast Cancer	Participated	CICRSD	HCC, 6 th June 2020
2020-2021	Precision Medicine : A New Paradigm		Online	HCC, Trichy 17th June 2020
2020-2021	Optimizing Family During Lockdown.		Online	HCC, Trichy 19th May 2020
2020-2021	FDP -Andragogy of Online Teaching		Online	HCC, Trichy 29th May 2020
2020-2021	Healthy Parenting Styles		Online	HCC, Trichy 27th May 2020
2020-2021	A State Level workshop on “Experimental Animal’s Model : Care, Maintenance and Handling”	State Level	Offline	J.J.College of Arts and Science.
2019-2020	International Seminar on Drug Development Research- current Scenario.	International	Offline	Srimad Andavan Arts and Science College, Trichy.
2019-2020	Funding opportunities in Biotechnology		Online	HCC, Trichy 27th May 2020
2019-2020	Remote classrooms – Digital technology in teaching learning	IQAC	Online	HCC, 30 th May 2020
	Risk management in times of crisis	IQAC	Online	HCC, 12 th June 2020
2017-2018	International Colloquia on Bionanomaterials and Bionanotechnology.	International	Offline	St.Joseph’s College, Trichy.
2017-2018	International Seminar on Emerging Trends in Biological sciences	International	Offline	Jamal Mohamed College, Trichy.
2017-2018	International Workshop on Biochemical and Bioinformatics Techniques.	International	Offline	Shrimati Indira Gandhi college , Trichy.
2017-2018	International conference on Frontiers in Nano-Biotechnology (ICFNB 17)	International	offline	Departement of Biotechnology & Bioinformatics, Bishop Heber College(Autonomous), Trichy
2016-2017	International conference on chemistry of Biomolecules – Current trends and future perspectives	International	offline	PG and Research Department of Chemistry, Holy cross college(Autonomous), Trichy.
2015-2016	Two days Hands on training programme in Laboratory Animal Handling	National	offline	Department of Biochemistry, st Joseph’s college, Trichy
2014-2015	National seminar on clinical	National	offline	Department of

	research (NSCR-15)			Biochemistry, st Joseph's college, Trichy
2014-2015	National seminar recent trends in life science	National	offline	PG and Research Department of Biotechnology , Jamal Mohamed college.
2013-2014	one day workshop on electrophoretic Techniques	National	offline	Department of Biochemistry, st Joseph's college, Trichy
2012-2013	National seminar on Therapeutic Biocompounds	National	offline	Department of Biochemistry, st Joseph's college, Trichy
2012-2013	National seminar Herbal focus 2013	National	offline	Srimad Andavan Arts and Science College, Trichy.
2010-2011	International seminar on Recent Advances in molecular Biology Techniques held on 12 th September 2011	International	offline	Organized by microbial biotechnology laboratory, Department of Marine Biotechlogy , BDU, Tiruchirappalli
2010-2011	National conference on Emerging Trends in Women Leadership in India	National	offline	Organized by Women studies Centre, Holy cross college, Trichy
2010	National Seminar on Phytotherapeutics sponsored by DST, New delhi on 29 th & 30 th March 2010	National	offline	Organized by Department of Biochemistry, st Joseph's college, Trichy
2003	International conference on Sustainable Development and Management of Natural Resources 15-17 march 2003	National	offline	Organized by Holy cross college, Trichy.

Members in Various Bodies

1. Chairman, University Examination Board, Bharathidasan University, Tiruchirapalli.
2. Chairman, Biochemistry Board, Deivanai Ammal College, Villupuram.
3. Member, Result passing Board, Bharathidasan University, Tiruchirapalli.
4. Examiner of PG Board, St. Josephs College and Srimad Andavan Arts and Science College, Tiruchirapalli.
5. Question Paper setter
 - ✓ ADM College, Nagapattinam.
 - ✓ STET Women's college, Sundarakkottai Mannargudi.
 - ✓ Dr. NGP Arts and Science College, Coimbatore.
 - ✓ St. Joseph's College, Cuddalore.