

CURRICULUM VITAE

A. MAGGIE DAYANA M.Sc., M.Phil., Ph.D.

Assistant Professor

Department of Physics

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Education

- Ph.D. - St Joseph's College (Autonomous), Bharathidasan University, Tiruchirappalli (2020)
- M.Phil. - Bharathidasan University, Tiruchirappalli (2005- 2006)
- M.Sc. - St. Joseph's College (Autonomous) Tiruchirappalli (2003-2005)
- B.Sc. - Holy Cross College (Autonomous) Tiruchirappalli (2000 – 2003)

Employment Record

- Assistant Professor Department of Physics, St. Joseph's College (Autonomous) Tiruchirappalli from Oct 2007 onwards
- Assistant Professor Department of Physics, St. Joseph's College (Autonomous) – Management staff from June 2006 to Oct 2007

Administrative Experience

- Assistant Coordinator of Gender Champion Club 2024 – 2025
- Member of Internal Complaints Committee 2023 - 2025
- Coordinator of Girl Students' Welfare Committee 2021 - 2023
- Member of Girl Students' Welfare Committee 2012 to 2021
- Member of Internal Complaints Committee and Anti-Ragging committee 2014 - 2015
- Member of Purchase Committee 2010-2011
- Association President of Department of Physics 2017 - 2018

Extension Activities

- Joint Secretary – St. Joseph's College (Autonomous) Teaching Staff Association 2014 – 2017
- Faculty in charge for “JOSPHY2K18”
- Member of Fine arts committee from 2008 - 2011

Area of Specialization

- Thin film Physics
- Crystal growth
- Nanomaterials

Publications

- Investigations on growth, XRD, strain, FTIR, UV-Vis, NIR, photoluminescence, SHG and Z scan analyses of L cysteine picrate single crystal for NLO and optical limiting applications inorganic chemistry communications / 159 / 111751 ,2024
- Structural, Optical and Electrical Characterization of Camphor sulfonic acid doped Poly(2,5-dimethoxyaniline) thin film, Maggie Dayana, Victor Williams, International journal of basic and applied research, ISSN 2249-3352,2019 vol 9, 635 – 645
- Synthesis and Characterization of CSA protonated Poly(2,5-dimethoxyaniline)/ TiO₂ Hybrid thin film, Maggie Dayana, Victor Williams, International journal of Scientific Research in Science and Technology,2017 vol 3, 238 – 244
- Effect of TiO₂ / graphene oxide composite thin film as a blocking layer on the efficiency of dye sensitized solar cells, Ramamoorthy Raja, Maheshwari Govindarajan, Maggie Dayana Antony, Karthika Krishnan, Anandan Sambandam, Victor Williams, Journal of Solid-State Electrochemistry, 2017, vol 21, 891-903

Conference, Workshop and FDP attended:

- 10 Online Faculty Development Programme on “The Art of Research and Publishing in Indexed Journals”, MCC Research Colloquium and Internal Quality Assurance Cell” (13-05-2024 to 22-05-2024)
- International Conference on Current Research and Advancements in Materials Science and Spectroscopy (ICCAMS 2023) (10-02-2023 to 11-02-2023)
- Nano-scale Characterization and Analysis, Department of Applied Science, National Institute of Technical Teachers Training and Research, Chandigarh (10-03-2022 to 11-03-2022)
- Online Faculty Development Programme- Nanocomposites and Nanomaterials and its Characterization, Vimal Jyothi Engineering College, Kannur, Kerala (2020-06-08 to 20-06-2020)
- International conference on Material Physics, Bishop Heber College Tiruchirappalli (29-01-2018)
- International conference on advanced materials St. Joseph’s college Tiruchirappalli (14-12-2017)
- International conference on recent trends in material science and its applications, Urumu Dhanalakshmi College, Tiruchirappalli (21-08-2017)

- National conference on advanced materials-2016 C Department of Physics, St. Joseph's College, Tiruchirappalli (07-10-2016)
- National workshop on Innovations in Water Resources Management in Educational Institutions Loyola College Chennai (24-11-2016)
- Workshop on advanced material characterization and synthesis facilities W Department of Nuclear Physics, University of Madras Chennai (27-06-2016)
- Workshop on Advanced Physics Experiments for College Teachers Department of Physics, St. Joseph's college Trichy (1-12-2015)
- Capacity Building Workshop for faculty on e-content Development W IQAC, St. Joseph's College Trichy (09-06-2015)
- National Conference on Higher Education in the Knowledge Age: Techno-Pedagogical Perspectives and Innovations IQAC, St. Joseph's college & Department of Educational Technology Bharathidasan university Tiruchirappalli 2 (24-02-2015)
- National conference on Advanced materials (NCAM-2015) St. Joseph's college (Autonomous), -Tiruchirappalli (06-02-2015)
- Workshop on IMPEDANCE SPECTROSCOPY AND ITS APPLICATION, MATERIAL RESEARCH CENTRE, Coimbatore (22 -01-2015)
- Soft skills Programme, St. Joseph's academy of soft skills 10 days (01-08-2012)