

MERCY JENNIFER MD

Assistant professor

Holy Cross college, Trichy.



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CAREER OBJECTIVE

To obtain a position that will enable me to use my education, inter personal skills and ability to motivate young minds and help them in their development.

EDUCATIONAL QUALIFICATION

- Doing **P.h.D** from **Bishop Heber college**, Trichy on the title “synthesis and characterization of metal oxide nanoparticles for energy storage applications”.
- **B.Ed.** from **S.A.S College of Education**, Trichy with **74%** during the academic year 2013-2014.
- **M. Phil** Physics from **Loyola College**, Chennai with **75%** during the academic year 2009 – 2010.
- **M. Sc** Physics from **St. Joseph’s College**, Trichy with **82%** during the academic year 2007 – 2009.
- **B. Sc** Physics from **Holy Cross College**, Trichy with **83%** during the academic year 2004 – 2007.

ACHIEVEMENTS

Passed “**SET 2016-STATE ELIGIBILITY TEST**” for physical sciences.

TEACHING SKILL

- **PGDCSA** from St. Joseph’s College with 79.5%

WORK EXPERIENCE

- Working as an **Assistant Professor** in the Department of Physics, **Holy Cross College**, Trichy from July 2017 – till date.
- Worked as an **Assistant Professor** in the Department of Physics in **Care Engineering College**, Trichy.
- Worked as an **Assistant Professor** in the Department of Physics (School of Science and Humanities) in **Hindustan University**, Padur, Chennai.
- Worked as an **Assistant Professor** in the Department of Physics, **Stella Maris College**, Chennai.
- Worked as a **Part time Lecturer** in the Department of Physics, **Loyola College**, Chennai.

RESEARCH EXPERIENCE

- Had undergone six months research work and extensive study in **Crystallography** at **Loyola College**, Chennai.
- Doing research in Nano science and Nano Technology for **Energy storage applications** at **Bishop Heber college**, Trichy.

TRAINING

- Attended fifteen days of **training program** in **Indian Institute of Astrophysics** at **Kavalur**

CONFERENCES

- Attended a seminar on “**Goodness of God And Nature**” organized by Xavier Board of Higher Education & **Holy Cross College, Trichy**.
- Attended a conference on “**Research Orientation Programme for Aspirants in Materials Characterization for Device Applications**” organized by department of physics, **Bishop Heber College, Trichy**.
- Attended a national workshop on “**Powder X- ray Diffraction and Data Analysis**” organized by department of physics, **Bishop Heber College, Trichy**.
- Attended a national level workshop on “**Functional Coating : current trends and frontiers**” organized by school of Chemistry and Physics, **VIT- Chennai**.

- Attended a national workshop on “**Energy Nano Convergence**” organized by clean energy and Nano convergence research center, **Hindustan Institute of Technology and Science, Chennai.**

PROJECTS

- Studies on growth and characterization of Bimetallic NLO single crystals of Mn/Cd Hg (SCN)₄.
- Principles of Physics and Chemistry under Biological Banner dealing with the influence of Physics and Chemistry in Biological Aspects.
- Application of Digital Electronics in creating a model “Digital Birthday Teller” for Science Exhibition.

ACADEMIC AWARDS

- **Gold Medalist** in Post Graduation from **St. Joseph’s College, Trichy.**
- Best Project Award in Under Graduation.

ADDITIONAL ACHIVEMENTS

- **Student Representative** in the College Cultural Association.
- **NPTEL –AICTE** Faculty Development Programme on “Nanomaterials For Energy Harvesting And Storage Application”, 4 weeks online course.

PAPER PRESENTATION

- Presented a paper on recent trends in Crystal growth and Nanoscience in the National conference (NCRACGN-2010) on the 26th and 27th of March 2010 at Kongu Engineering College, Erode.
- Presented a paper on **green synthesis of CuO Nanoparticles using Citrus Lemon Extract For Energy storage Applications:** challenges and channels in the Inter National conference (ICNRI-2018) on the 25th -27th of July 2018 at Holy cross college, Trichy.

- Presented a poster presentation on **Investigations on structural and optical properties of ZnO nanoparticles synthesized using *Camellia sinensis* leaf extract Antibacterial and anticancer activity**: International Conference on Advanced Nanomaterials for Energy Environment and Healthcare Applications (ANEH-2018), K. S. R. College of Arts and Science for Women, 31st August 2018 and 1st September 2018.
- Presented a poster presentation on Poster Presented on **Synthesis and Characterization of TiO₂ Nanotubes by Potentiostatic Anodization Technique**: INDIA-UK Joint Second International Conference On Advanced Nanomaterials for Energy, Environment, and Healthcare Applications (ANEH-2019), Bishop Heber College, Trichy, 4th - 6th February, 2019.

PERSONAL DETAILS

Name : MERCY JENNIFER. M.D
Date of birth : 28.07.1987
Gender : Female
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Present Address : S4, Natarajan Residency,
32, Yours Colony, First Main Road,
Ramalinga Nagar ,
Woraiyur,
TRICHY 620003.

REFERENCE

- **Dr. X. Rosario Rajkumar**, (Rtd) Head, Department of Chemistry, St. Joseph's College, Tiruchirapalli. Mobile No. 9952841260

I hereby declare that the above information is true and correct to the best of my knowledge.

Yours Faithfully,
MERCY JENNIFER M.D