

Dr. A.V. PAULIN EDWIDGE MARY

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PROFESSIONAL SUMMARY

Dedicated Assistant Professor with 24 years of experience in the field of Physics, teaching undergraduate and post graduate courses. In-depth knowledge of both theoretical and experimental Physics fully engages students in the learning process.

WORK EXPERIENCE

**Assistant Professor of Physics
Holy Cross College, Trichy.**

November 1995 - till date

- Taught introductory and upper level courses in Physics.
- Wrote course materials for Major, Skilled based and Non major Courses.
- Prepared Question bank

EDUCATION

Degree	Year	Subject	Institution	% of marks
B.Sc.	1993	Physics	Holy Cross College, Trichy, TN	88%
M.Sc.	1995	Physics	Fatima College, Madurai, TN	82%
PGDCA	1996	Computer Science	St. Joseph's College, Trichy, TN	83%
M. Phil.	1997	Physics	St. Joseph's College, Trichy, TN	69%
Ph.D.	2014	Physics	Holy Cross College, Trichy, TN	NA

SUBJECTS OF EXPERTISE

Research Area: Liquid State Physics

Teaching Area:

- Electronics, Digital Electronics, Microprocessor, Circuit and Network theory
- Optics, Properties of Matter, Electricity and Electromagnetism, Heat and Thermodynamics
- Spectroscopy , Solid State Physics, Nuclear Physics and Classical Mechanics

CORE COMPETENCIES

- Interacts with people effectively. Able and willing to share and receive information.
- Pays close attention to detail, accuracy and completeness.
- Adapts to changing work environments, work priorities and Organizational needs.
- Deals with difficult situations while maintaining performance.

LEADERSHIP PROFILE

- **CO-ORDINATOR FOR AICUF**
- **CO-ORDINATOR FOR RESCAPES**
- **PARENT-TEACHERS ASSOCIATION CO-ORDINATOR**
- **EXAMINATION CORE COMMITTEE MEMBER**
- **NAAC PARAMETER CORE MEMBER**
- **DEAN OF STUDENT AFFAIRS**

INTERNATIONAL / NATIONAL PUBLICATIONS

- **Acoustical and Viscometric study of edible oils – J. pure and applied Ultrasonics, 2008, 30(4), 141-144.**
- **Viscosity study of the solution of Poly (Vinyl Acetate) in DMF - Proceedings of National symposium on Acoustics (2008) pp 251-255 Jour. Acous. Soc. Ind.**
- **Study of thermodynamical properties of Poly(vinyl Acetate) in DMF- Proceedings of National symposium on Acoustics (2008) pp257-261 J.Acous.Soc.Ind.**
- **Study of Viscosity of the solution of Poly Ethylene in M-Xylene– Proceedings of National conference on recent advances in material Science (RAMS'2009) pp152-154.**
- **Solvation study of Polymers by Ultrasonic method -proceedings of Eighteenth National Symposium on Ultrasonics (NSU-XVIII) (2009) pp212 - 215.**

- **Solvation study of Poly Vinyl Pyrrolidone by Ultrasonic method** – published in the Conference papers of Indo –US workshop on Nanosonics and Ultrasonics and International Conference on Nanotechnology and Ultrasound, St. Joseph’s College, Tiruchirappalli, (2011), Page 98.
- **Study of thermodynamical properties of Poly Vinyl Pyrrolidone in polar solvents** - Proceedings of National symposium on Acoustics (2011) pp44 -50.
- **Viscosity study of the solution of Poly Vinylidene Fluoride in Polar solvent** - Proceedings of National symposium on Acoustics (2011) pp144 -150.
- **Density and Viscosity of solvated part for the Polymer solution of Poly Vinyl Pyrrolidone in Butanol** - Proceedings of National symposium on Acoustics (2011) pp426 -432.
- **Solvation study of Polymers by Ultrasonic method** - Proceedings of International conference on ADVANCED MATERIALS - (2012) pp 384-388.
- **Viscosity study of Poly Vinyl Pyrrolidone in polar solvent**- Elixir Ultrasonics 49(2012), 1004.
- **Study of thermodynamical properties of Poly Vinylidene Fluoride in aprotic solvent** - Elixir Ultrasonics 49(2012), 9997.

ADDITIONAL ACHIEVEMENTS

Presented papers in 1 International conference

5 National seminars / conferences

Declaration

I hereby declare that all the information provided above are true up to the best of my knowledge.

Date: 18/09/2019

Yours Sincerely,

Place: Trichy

Dr. A.V. Paulin Edwidge Mary