

**Dr. A. INIGOMARY RITA**

Assistant professor  
Holy Cross college, Trichy.



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**SUMMARY**

Dedicated Assistant Professor with twenty eight years of experience teaching undergraduate and postgraduate courses in physics. Believe in students' abilities to learn and inherent thirst for knowledge with the right environment. Have remarkable ability to teach, inspire and develop young people. Focus on student's ability and knowledge for better outcome. Contributed to the efficient management and administration of the department and the college.

**WORK EXPERIENCE**

**Assistant professor of physics**

**Holy Cross college, Trichy**

**June 1995 – till date**

- Handled syllabus at the undergraduate and postgraduate curriculum.□
- Prepared question bank and course material.□
- Conducted practical examination as external examiner in different colleges□
- Set the question paper for various colleges□

**EDUCATION**

Degree	Year	Institution	% of marks
Ph.D	2013	Holy Cross College, Trichy.	NA
M.Phil.	1997	St.Joseph's College, Trichy	76
B.Ed	1994	Stella Matutina College of Education, Chennai	70
M.Sc	1993	S.R.C. Trichy	87
B.Sc	1991	Holy Cross College, Trichy.	84

**SUBJECT OF EXPERTISE**

**Liquid State physics – research area**

**Microprocessor, Digital electronics, Basic electronics, Circuit and network theory,  
Mathematical physics – Teaching area**

### **LEADERSHIP PROFILE**

- DEAN, School Of Physical Sciences (From 2022-2023)
- HEAD OF THE DEPARTMENT FOR THREE YEARS
- CORE MEMBER IN NAAC PARAMETER III
- TREASURER in the Staff club twice
- EXAMINATION CORE COMMITTEE MEMBER
- IMC BAJAJ AWARD COMMITTEE
- MASTER TRAINER FOR CENSUS 2011
- CO – ORDINATOR IN AICUF
- CHIEF EXAMINER IN THE UNIVERSITY CENTRAL VALUATION
- EXAMINER IN THE UNIVERSITY CENTRAL VALUATION

### **INTERNATIONAL/NATIONAL PUBLICATIONS**

STUDY OF ACOUSTICAL AND THERMODYNAMICAL PROPERTIES OF

AQUEOUS AMMONIUM DIHYDROGEN ORTHOPHOSPHATE, Materials today  
Proceedings,2018

- VISCOSITY STUDY OF POLYMER SOLUTIONS THROUGH SHIIO MODEL –  
International Journal of Science and Research (IJSR), Volume 5 Issue 4, April 2016, 960 – 962□
- “SOLVATION STUDY OF POLYVINYLIDENE FLUORIDE IN N-N  
DIMETHYLFORMAMIDE THROUGH PADOVA AND SHIIO MODEL”,  
International Journal of Recent Scientific Research (IJRSR). Vol. 7, Issue, 4, pp. 10505- 10509,  
April, 2016□
- SOLVATION STUDY OF POLYMERS BY ULTRASONIC METHOD - Proceedings of  
International conference on ADVANCED MATERIALS - (2012)PP□
- VISCOSITY STUDY OF POLYVINYL PYRROLIDONE IN POLAR SOLVENT- Elixir  
Ultrasonics(Elixir Online Journal) 49(2012), pp.10004 -10006.□
- STUDY OF THERMODYNAMICAL PROPERTIES OF  
POLYVINYLIDENE  
FLUORIDE IN APROTIC SOLVENT - Elixir Ultrasonics(Elixir Online Journal) 49(2012),  
pp.9997-9998.□
- VISCOSITY STUDY OF THE SOLUTIONS OF POLYVINYLIDENE FLUORIDE IN  
POLAR SOLVENT - Proceedings of National symposium on Acoustics (2011)pp144 - 150□
- DENSITY AND VISCOSITY OF SOLVATED PART FOR THE POLYMER SOLUTION  
OF POLYVINYL PYRROLIDONE IN BUTANOL - Proceedings of  
National symposium on Acoustics (2011)pp426 -432□
- STUDY OF THERMODYNAMICAL PROPERTIES OF POLY VINYL  
PYRROLIDONE IN POLAR SOLVENTS – Proceedings of National symposium on Acoustics  
(2011)pp44 -50□
- 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 ULTROSONIC METHOD -proceedings of Eighteenth National Symposium on Ultrasonics(NSU-XVIII)(2009)pp212 -215□
- STUDY OF THERMODYNAMICAL PROPERTIES OF POLY(VINYL ACETATE) IN DMF- Proceedings of National symposium on Acoustics (2008) pp257-261□
- VISCOSITY STUDY OF THE SOLUTION OF POLY (VINYL ACETATE) IN DMF - Proceedings of National symposium on Acoustics (2008) pp251-255.□
- ACOUSTIC AND VISCOMETRIC STUDY OF EDIBLE OILS - Journal of pure and applied Ultrasonics, 2008, 30(4), pp 141 -144.□

### **ADDITIONAL ACHIEVEMENTS**

Paper presentation – one in international and three in National conferences.

#### ***Declaration***

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

Date:  
Place: Trichy

Yours Sincerely,

**Dr.Inigomary Rita**