

Profile



Name: Mr J. Arul Martin Mani

Gender: Male Female DOB: 30/05/1974

Qualification:

S. No.	Degree / Diploma	Subject	Name of the College / University	Year of Passing
1.	UG - B.Sc.	Physics	St. Joseph's College, Trichy	April 1994
2.	PG - M.Sc.	Physics	Loyola College, Chennai	April 1996
3.	M.Phil.	Physics	Manomaniam Sundarar University, Tirunelveli	May 2005

Aided Self-Supporting Management (Day) X

Department: Physics

ID No: PHY 30

Total Teaching Experience at Loyola:

S. No.	Department	Category Aided / SS / Mgt (Day) / Eve	From - To (Period)
1.	Physics	Mgt (Eve)	June 2007 - Nov 2007
2.	Physics	Mgt (Shift I)	Nov 2007 - till date
Teaching Experience (in Loyola) :			3 years and 2 months
Teaching Experience (Outside Loyola) :			9 years and 6 months
Total Teaching Experience :			12 years and 10 months

List of papers published in International Journals:

1. J. Elberin Mary Theras, D. Kalaivani, **J. Arul Martin Mani**, D. Jayaraman, V. Joseph, "Synthesis, structural and optical properties, ferromagnetic behaviour, cytotoxicity and NLO activity of lithium sulphate doped L-threonine", Optics and Laser Technology, 83 (2016), 49-54.
2. D. Arthi, D. Anbuselvi, D. Jayaraman, **J. Arul Martin Mani**, V. Joseph, Nucleation, growth and characterization of semiorganic nonlinear optical crystal sodium acetate doped L-tyrosine, SpectrochimicaActa Part A: Molecular and Biomolecular Spectroscopy, [136](#), (2015) 168–174.
3. **J. Arul Martin Mani**, V. Joseph, D. Anbuselvi, P. Sagayaraj, "High Quality Crystal Growth and Characterization of Organic Nonlinear Optical Crystal DAST", International Journal of ChemTech Research, (2014): 1582-1584, **ISSN: 0974-4290**.
4. D. Arthi, D. Anbuselvi, **J. Arul Martin Mani**, D. Jayaraman, V. Joseph, "Crystal Growth and Nonlinear Optical Properties of L-Tyrosine Doped Picrate (Ltp) Single Crystal", International Journal of Science and Research (IJSR), (2014): 51-53, **ISSN (Online): 2319-7064**.
5. D. Anbuselvi, D. Jayaraman, **J. Arul Martin Mani**, V. Joseph, "Growth and optical, thermal, mechanical and surface morphology studies of semiorganic nonlinear optical material: Dichlorobis (L - proline) Zinc (II) Crystal", SpectrochimicaActa Part A: Molecular and Biomolecular Spectroscopy, 127(2014), 405 – 414.
6. R. Josephine Usha, **J. Arul Martin Mani**, P. Sagayaraj, V. Joseph, "Synthesis, growth, optical, mechanical, thermal and surface studies of ligand based single crystal of tri – allylthiourea cadmium chloride (ATCC)", Scholars Research Library, Archives of Applied Science Research, 2012, 4(3) 1266 – 1273.
7. R. Josephine Usha, **J. Arul Martin Mani**, V. Joseph, "Impedance analysis of bimetallic thiocyanate ligand based single crystals of MnHg (SCN)₄ and CdHg (SCN)₄", Scholars Research Library Archives of Applied Science Research, 2012, 4(1): 638 – 644.

List of papers presented in international/ National Conference

1. D. Arthi, **J. Arul Martin Mani**, J. Elberin Mary Theras, "Nucleation kinetics and analysis of structural and thermal properties of nonlinear optical material: L – Tyrosine picrate, International conference on Recent Advances in Applied Sciences, (ICRAAS 2016), St. Peter's University, Avadi, Chennai (11-13 February, 2016).
2. **J. Arul Martin Mani**, A. Karolin Martina, P. Sagayaraj, D. Arthi, V. Joseph, "Physicochemical Investigation of THz Material: 4 – MethoxyBenzaldehyde – 4' – N' – Methyl StilbazoliumHexafluorophosphate (MBMSHP)", National Conference on Advanced Functional Materials NCAFM – 2015, SRM University, Vadapalani, Chennai (8 – 9th May, 2015).
3. V. Joseph, **J. Arul Martin Mani** and P. Sagayaraj, "Studies on Thermal, Optical & Electrical properties of organic nonlinear optical DAST crystal", Second National Seminar on New Materials Research and Nanotechnology (NSNMRN - 2013), organized by Department of Physics, Government Arts College, The Nilgiris, Tamilnadu on 25th – 27th September, 2013.
4. V. Joseph, **J. Arul Martin Mani**, P. Sagayaraj, "Growth and Characterization of Trans 4' – (Dimethylamino) – N – Phenyl – 4 – Stilbazolium Hexa fluorophosphate (DAPSH) Crystal", Second National Seminar on New Materials Research and Nanotechnology (NSNMRN - 2013), organized by Department of Physics, Government Arts College, The Nilgiris, Tamilnadu on 25th – 27th September, 2013.
5. **J. Arul Martin Mani**, V. Joseph, D. Anbuselvi, P. Sagayaraj, "Growth and characterization of organic nonlinear optical material 4 – dimethylamino – N – methyl – 4 – stilbazoliumtosylate (DAST) Crystal", National Conference on Recent Advances in Materials (NCRAM - 2013), organized by B.S. Abdur Rahman University, Vandalur, Chennai –48 on 9th – 10th April, 2013.
6. **J. Arul Martin Mani**, R. Gunaseelan, R. Josephine Usha, P. Sagayaraj, V. Joseph, "Optical and Structural properties of SNM grown BDAS – TP single crystal", National Conference on Emerging Trends in Science and Humanities (NCETSH – 2012),

- organized by Saveetha Engineering College, Thandalam, Chennai – 602 105 on 9th March, 2012.
7. R. Josephine Usha, D. Anbuselvi, **J. Arul Martin Mani**, V. Joseph and P. Sagayaraj, “Growth and characterization of bimetallic thiocyanate ligand based single crystal of $MnHg(SCN)_4$ (MMTC)”, International Conference on Advanced Materials (ICAM – 2012), organized by Department of Physics, Loyola College, Chennai – 34 on 5th – 7th January, 2012.
 8. **J. Arul Martin Mani**, V. Joseph, D. Anbuselvi, P. Sagayaraj, “High Quality Crystal Growth and Characterization of Organic Nonlinear Optical Crystal DAST”, International Conference on Materials and Characterization Techniques (ICMCT - 2014), organized by Department of VIT University, Vellore, on 10-12 March 2014.
 9. D. Arthi, D. Anbuselvi, **J. Arul Martin Mani**, D. Jayaraman, V. Joseph, “Crystal Growth and Nonlinear Optical Properties of L-Tyrosine Doped Picrate (Ltp) Single Crystal”, National conference on Advanced technology oriented materials (ATOM-2014) , organized by Department of Physics, Government College (Autonomous), Rajahmundry, Andhra Pradesh on 8-9 December 2014.
 10. **J. Arul Martin Mani**, V. Joseph, R. Jerald Vijay, P. Sagayaraj, " Synthesis, growth and characterization of Trans 4' – (Dimethylamino) – N – Phenyl – 4 – Stilbazolium Hexa fluorophosphate Crystals", National conference on Advanced materials and Applications, organized by NIT, Tiruchirappalli on 4-5 April, 2013.

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