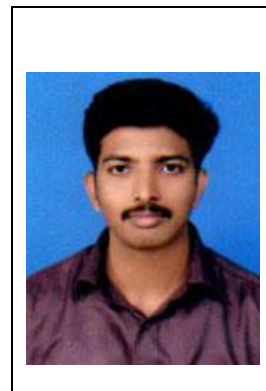


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Talk on Mossbauer Spectroscopy given for PG students at Sarah Tucker College (Autonomous) Palayamkottai.

List of Publications :

- JinoJohnson, **A. Yardily**, Synthesis, spectral investigation, thermal, molecular modeling and bio-molecular docking studies of a thiazole derived chalcone and its metal complexes, Journal of Coordination Chemistry, 2020, 73,1712.
- **Yardily**, Fathima Shahana M, Synthesis, Electronic Structure, DFT Calculation and Molecular Docking of 1-(4-amino-2-(4-methylphenyl)aminothiazol-5-yl)(thiophene-2-yl)methanone. Journal of Xidian University, 2020, 14, 1153.
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- **Yardily**, V. AnuDanie, Bojasa A. Rosy and T. F. Abbs Fen Reji, Antimicrobial evaluation of diaminothiazoloylbenzothiazoles, *Journal of Saudi Chemical Society*, 2016, 20, 278.
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- **Yardily**, S. P. SelvinPragalathPaul and T. F. Abbs Fen Reji, Density functional theoretical studies in 2(4-amino-2-phenylaminothiazol-5-oyl)benzothiazole(APATOB), *Journal of research in Science*, 2014, 2, 45.
- **Yardily** and T. F. Abbs Fen Reji, Antioxidant potential of novel 2-(4-amino-2-arylaminothiazol-5-oyl)benzothiazoles, *International Journal of Pharma and Biosciences*, 2014, 5(4), 74.
- S. P. SelvinPragalath Paul, **A. Yardily** and T. F. Abbs Fen Reji, Synthesis, Characterisation and DFT studies of 4-amino-5-(indol-3-oyl)-2-phenylaminothiazole, *Journal of research in Science*, 2014, 2, 89.
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- T. F. Abbs Fen Reji, S. Selvin and **A. Yardily**, Antimicrobial evaluation of N-aryl/alkyl thioureas, *LPC Bulletin on Research* 2011, 2, 58.
- **Yardily**, *Novel method for the synthesis of CdS nanopowder and its characterisation*, College Sadhana, 2009, 1, 134.

- Antioxidant potential of novel marine analogue dendrodoine, International Conference on multidisciplinary frontiers of medicinal chemistry: Synthesis, Molecular biology and Technology, 18, 19-01-2013 held at SastraUniversity, Thanjavur.
- Bio activity of Thiazole and Benzothiazole, National conference on Emerging trends in Arts & Science on 07, 08-10-2011 held at Nesamony Memorial Christian College, Marthandam.
- Antioxidant potential of diaminothiazolylbenzothiazole, National Seminar on Recent trends in nanoscience and technology, 31-01-2013 held at Scott Christian College, Nagercoil,
- Density Functional Theoretical studies on 2- (4-amino-2-phenylaminothiazol-5-oyl)benzothiazole, National conference on Recent trends in Quantum chemistry (QUANTUM 2014) on 12, 13- 12-2014 held at Nesamony Memorial Christian College, Marthandam
- Density Functional Theory studies on 2- (4-amino-2-(4-chlorophenylamino)thiazol-5-oyl)benzothiazole, National conference on Advances in materials on 07- 10-2014 held at University college of Engineering, Nagercoil.
- Density Functional Theoretical studies on 2- (4-amino-2-(4-methoxyphenylamino)thiazol-5-oyl)benzothiazole National Seminar on Innovations in Chemical and Nuclear Technology, (ICNTECH-2015) on 31-01-2013 held at Scott Christian College, Nagercoil,
- Molecular structure, Vibrational assignment, HOMO-LUMO and Mulliken analysis of 2- (4-amino-2-(4-methylphenylamino)thiazol-5-oyl)benzothiazole, National Conference on Innovations in Chemical Sciences and Technology, (NCICST-2015) on 21-08-2015 held at Scott Christian College, Nagercoil,
- Microwave assisted synthesis of novel pyrimidine derivative, National Conference on Research in Present Scenario on 27-01-2017 held at Nesamony Memorial Christian College, Marthandam.
- Advanced synthesis of novel Pyrimidine derivatives, National Conference on Recent Trends in Chemistry on 19-08-2016 held at Scott Christian College, Nagercoil,
- Novel method for synthesizing of CdS nanopowders, National conference on nano

materials on 14-03-2008 held at Bishop Heber College, Tiruchirapalli.

- Synthesis, characterization and antibacterial study of some heterocyclic Schiff base metal complexes, National seminar on Innovations in chemical and nuclear technology on 21-08-2015 held at Scott Christian College, Nagercoil.
- Review on Synthesis and application of Schiff base and its transition metal complexes, All India Conference of Scott Research Forum on 21-01-2017 held at SCC, Nagercoil.
- Phytochemical, Solvatochromism and antibacterial activity of Rivina Humilis, All India Conference of Scott Research Forum, on 21-01-2017 held at SCC, Nagercoil.
- Density functional theoretical studies on 2-(4-amino-2-(4-methoxyphenylamino)thiazol-5-yl)benzothiazole, International conference on Recent trends in synthetic methods and material chemistry, on 2 & 3-02-2018 held at Annamalai University, Chidambaram.
- Synthesis, characterization and density functional theoretical studies of (4-amino-2-phenylaminothiazol-5-yl)thiophene, Seminar on Modern trends in chemical sciences, 19-03-2019 held at SCC, Nagercoil.
- Molecular structure and Vibrational assignment of 2-[4-amino-2-ethylaminothiazol-5-yl]-6-methylbenzothiazole, national seminar on Group theory and its applications in Chemistry, on 1 & 2- 08-2019, held at NMCC, Marthandam.
- Synthesis, characterization and density functional theoretical studies of(4-amino-2-((4-chlorophenyl)amino)thiazol-5-yl)thiophen-2-yl)methanone, national seminar on Group theory & its applications in Chemistry, on 1 & 2- 08-2019, held at NMCC, Marthandam.
- Synthesis, characterization and DFT/TDDFT calculation of (E)-3-(2-(3-hydroxyphenyl)-1-(thiazol-2-yl)prop-2-en-1-one and its metal (II) complex, national seminar on Group theory & its applications in Chemistry, on 1 & 2- 08-2019, held at NMCC, Marthandam.

Project Details : Minor project entitled "Synthesis and biological evaluation of Thiophene ketothiazole"(PRINCIPAL INVESTIGATOR), Sponsored by University Grants Commission (UGC) New Delhi, (MRP-6425/16(SERO/UGC)) during 31/07/2017 to 01/07/2019. Amount-2,40,000/- [Completed].