

PROFILE

Dr. R. Selwin Joseyphus, M.Sc., Ph.D.

Assistant Professor (Govt-Aided staff)

Department of Chemistry

Mar Ivanios College (Autonomous)

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EDUCATION

Ph.D. Chemistry, Manonmaniam Sundaranar University, Tirunelveli (March 2009)

M.Sc. Chemistry, St. Joseph's College (Autonomous), Tiruchirappalli (April 2003)

B.Sc. Chemistry, Manonmaniam Sundaranar University, Tirunelveli (April 2001)

Post-doctoral: UGC's Dr. D.S. Kothari Post-doctoral fellow (2010-2011)

TEACHING

- Assistant Professor, Mar Ivanios College (Autonomous), Nalanchira, Thiruvananthapuram-695015, Kerala since 01.06.2015 onwards.
- Assistant Professor, St. John's College, Anchal, Kollam, Kerala from 22.06.2011 to 31.05.2015.
- Assistant Professor, Noorul Islam University, Kumaracoil, Thuckalay, Tamil Nadu from 26.05.2011 to 21.06.2011.
- Assistant Professor & Head, Marthandam College of Engineering & Technology, Kuttakuzhi, Tamil Nadu from 19-01-2009 to 22-03-2010.

ACADEMIC IDENTITY



Orcid Id

[0000-0003-0225-2423](https://orcid.org/0000-0003-0225-2423)



Scopus Id

[14421217400](https://scopusid.org/14421217400)



Researcher/Web of Science Id

[ABB-1391-2021](https://researcherid.org/ABB-1391-2021)



Google Scholar Id

pnLVeqcAAAAJ&hl



Vidwan Id

[277392](https://vidwan.org/277392)

RESEARCH INTEREST

Materials Chemistry/ Bioinorganic Chemistry

RECENT RESEARCH PUBLICATIONS

1. **R. Selwin Joseyphus**, D. Arish, Reshma R, *Heterocyclic ligated Co(II), Ni(II), Cu(II) and Zn(II) complexes for efficient photocatalytic and biological applications*, *Indian J. Chem.*, 61, 2022, 263-277.
<http://nopr.niscair.res.in/handle/123456789/59345>
2. **Liji J, R. Selwin Joseyphus**, Arish D, I. H. Joe, M. Vibin, *Protein binding and cytotoxicity activities of glutamine-based metal complexes*, *J. Mol. Struct.*, 1240, 2021, 130540. doi.org/10.1016/j.molstruc.2021.130540
3. **R. Reshma, R. Selwin Joseyphus**, D. Arish, Reshmi J, J. Johnson, *Tridentate imidazole-based Schiff base metal complexes: molecular docking, structural and biological studies*, *J. Biomol. Struct. Dyn.*, 2021, 1-13.
[doi/abs/10.1080/07391102.2021.1914171](https://doi.org/10.1080/07391102.2021.1914171)
4. **Liji J, R. Selwin Joseyphus**, I. H. Joe, *Molecular docking, photocatalytic activity and biomedical investigations of some metal complexes*, *J. Biomol. Struct. Dyn.*, 2020, 5600-5612. [doi/abs/10.1080/07391102.2020.1794964](https://doi.org/10.1080/07391102.2020.1794964)
5. **Liji J, R. Selwin Joseyphus**, I. H. Joe, *Biomedical application studies of Schiff base metal complexes containing pyridine moiety: molecular docking and a DFT approach*, *SN Applied Sciences*, 2020, 1883. [10.1007/s42452-020-2274-6](https://doi.org/10.1007/s42452-020-2274-6)

BOOKS/CHAPTERS

Chapter(s) - Co-Author, (2019). K. C. Bright, **R. Selwin Joseyphus**, *Cadmium: Organometallic Chemistry*, **Encyclopedia of Inorganic and Bioinorganic Chemistry**, Wiley Online Library, Published online: 13th June 2019. [doi/10.1002/9781119951438.eibc0030.pub3](https://doi.org/10.1002/9781119951438.eibc0030.pub3)

RESEARCH PAPERS PRESENTED IN CONFERENCES

R. Selwin Joseyphus, C. Shiju, A. Dasan, J. Puspharajan, *Polymer derived ZrB₂-SiC ceramic composites for ultra-high temperature applications*, 7th Edition of IWAC 2016 French Group of Ceramics, International Workshop on Advanced Ceramics (IWAC 07), Limoges, (France), September 26-28, 2016.

R. Selwin Joseyphus, *Facile synthesis and structural characterization studies of zinc oxide nanorods via thermal decomposition method*, National Webinar on Recent Advances in Solid State Chemistry and Allied Sciences, ACT & Indian Association of Solid-State Chemists and Allied Scientists (ISCAS), Central University of Kerala, August 16-17, 2021.

RESEARCH PROJECTS UNDERTAKEN

"Studies on biomedical applications of Schiff base metal complexes and their antitumour activities" CSIR Major Project (2012- 2015)

AWARDS & HONOURS

Distinguished Alumnus Award (May 2022), St. Joseph's College (Autonomous), Tiruchirappalli.

RESEARCH ACTIVITIES

No. of Ph.D. scholars supervised	: 2	(Dr. Liji John, Dr. Reshma R)
No. of Research Publications	: 41	
Book Chapters	: 2	
Citations	: 1020	
h-index	: 15	
i-10-index	: 16	

MEMBERSHIP /PROFESSIONALS SOCIETIES

- Life member, Indian Council of Chemists (ICC)
- Life member of Association of Chemistry Teachers (ACT)
- Life member of Researchers Society of Chemical Sciences (RSCS)
- Life member of Kerala Academy of Sciences (KAS)
- Member of Academy of Chemistry Teachers (ACT)
- Member of American Nano Society (ANS)

OTHER ACTIVITIES/RESPONSIBILITIES

- Program Coordinator-DST INSPIRE Science camp, 2018
- Associate NCC Airwing Officer (C/T), June/November 2016

OTHER FDP/TRAINING PROGRAMS

- Online one week Faculty Development Programme on “**ACADEMIC ADMINISTRATION**”, Teaching Learning Centre, Ramanujan College, University of Delhi, MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING, 03 - 09 August, 2021.
- ARPIT course for Career Advancement Scheme (CAS) promotion, **SWAYAM ARPIT Online Refresher Course in Chemistry for Higher Education**, 1st Dec 2020 to 31st March 2021.