

## CURRICUUM VITAE

Name : Dr. P. NITHYA

Designation : Assistant Professor

Qualification : M.Sc., M. Phil., Ph.D.,

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Teaching Experience : 8 Months



| S. No. | Name of the Institution                        | Period of Service       |
|--------|--|-------------------------|
| 1.     | J. J. College of Arts and Science (Autonomous) | 17.06.2019 to Till date |

### Publications

|                                      |   |              |
|--------------------------------------|---|--------------|
| Research papers                      | : | 07           |
| Citations / h – index / i 10 – index | : | 79 / 05 / 04 |
| Cumulative Impact Factor             | : | 15.224       |
| Book(s) Published                    | : | Nil          |
| Book Chapter                         | : | Nil          |

- **P. Nithya**, S. Helena, J. Simpson, M. Ilanchelian, A. Muthukumar and S. Govindarajan, 2016. New Cobalt(II) and Nickel(II) Complexes of Benzyl carbazate Schiff bases: Syntheses, Crystal structures, in vitro DNA and HSA binding studies, *J. Photochem. Photobiol. B.*, **165**, PP: 220 – 231.
- **P. Nithya**, J. Simpson, S. Helena, R. Rajamanikandan and S. Govindarajan, 2017. New Schiff bases derived from Benzyl carbazate with Alkyl and Heteroaryl ketones: Isolation, Structural characterization, Thermal behavior and Molecular docking studies, *J. Therm. Anal. Calorim.*, **124**, PP: 1001 – 1019.
- **P. Nithya**, J. Simpson and S. Govindarajan, 2017. Template synthesis, Structural variation, Thermal behavior and Antimicrobial screening of Mn(II), Co(II) and Ni(II) Complexes of Schiff base ligands derived from Benzyl carbazate and Three Isomers of Acetylpyridine, *Inorg. Chim. Acta*, **467**, PP: 180 – 193.

- **P. Nithya**, J. Simpson and S. Govindarajan, 2018. Syntheses, Structural diversity and Thermal behavior of First Row Transition Metal Complexes containing Potential Multidentate ligands based on 2,6-Diacetylpyridine and Benzyl carbazate, *Polyhedron*, **141**, PP: 5 – 16.
- **P. Nithya**, R. Rajamanikandan, J. Simpson, M. Ilanchelian and S. Govindarajan, 2018. Solvent assisted synthesis, Structural characterization and Biological evaluation of Cobalt(II) and Nickel(II) Complexes of Schiff bases generated from Benzyl carbazate and Cyclic ketones, *Polyhedron*, **145**, PP: 200 – 217.
- **P. Nithya**, J. Simpson and S. Govindarajan, 2019. Synthesis, Structural characterization and Thermal properties of Monomeric (Mn, Co, Ni & Zn) and Polymeric (Cd) Complexes of Thiocyanate with Benzyl carbazate as an Ancillary ligand, *J. Coord. Chem.*, **72(11)**, PP: 1845 – 1864.
- **P. Nithya**, S. Govindarajan and J. Simpson, 2019. Bis-benzyl-2-(heptan-4-ylidene)hydrazine-1-carboxylate-bis-(thiocyanato)-cobalt(II), *IUCr Data*, **4**, PP: x190812.

#### Paper Presentation in Conference / Seminar / Workshop

| S. No. | Presented/ Participated | Date & Place  | Topic  |
|--------|-------------------------|---|--|
| 1      | Presented               | 21.08.2019 & 22.08.2019, J. J. College of Arts and Science (Autonomous), Pudukkottai. | Synthesis, Structural characterization, Thermal behavior and Antimicrobial screening of Schiff bases derived from Benzyl ester of Hydrazinecarboxylic acid with Acetylpyridine and their metal complexes . |
| 2      | Presented               | 26.09.2019 & 27.09.2019, J. J. College of Arts and Science (Autonomous), Pudukkottai. | Metal Complexes of Schiff bases formed from Benzyl carbazate and ketones: Synthesis, Characterisation and Anti-cancer Activity.  |

#### Research Guidance

1. Ph.D. Guiding: Nil Completed: Nil
2. M.Phil. Guiding: Nil Completed: Nil

#### Awards and Achievements

- 1 Junior & Senior Research Fellow (01.04.2013-31.03.2017) – University Grants Commission Basic Science Research (UGC-BSR), Government of India, New Delhi, India.
- 2 Summer Research Fellow (19.05.2008-12.07.2008) – Sponsored by IASc, INSA and NASI.
- 3 V Rank in the B.Sc., Chemistry, Manonmaniam Sundaranar University, Thirunelveli.