## Dr. M. SEENIVASA PERUMAL



| | | |
|---|---|---|
| 1. | Designation | : Assistant Professor |
| 2. | Centre / Department / School | : Chemistry |
| 3. | Qualification | : M. Sc. Ph.D. |
| 4. | Experience (in years) | : Teaching: 13 years<br>Research: 13 years |
| 5. | Area of Specialization | : 1) Synthetic Organic Chemistry<br>2) Green Chemistry<br>3) Heterocyclic Chemistry |
| 6. | Mobile Number | : 9715145939 |
| 7. | E-Mail ID | : mspchem99@gmail.com |
| 8. | Orcid ID | : 0000-0002-2234-1346 |
| 9. | Google Scholar ID | : 6c7SD7YAAAAJ |
| 10. | IRINS Link for detailed profile | : 107252 |

11. **Research Guidance** :

| Degree | Awarded | | Guiding |
|---|---|---|---|
| | Total | For the period 2019-2024 | |
| Ph.D. | 5 | 2 | 3 |

12. **Publications**

| S.No. | Category | Total | For the period 2019-2024 |
|---|---|---|---|
| 1. | No. of UGC-CARE Listed Publications | 24 | 14 |
| 2. | No. of Chapters in Edited Volume / Proceedings | 1 | - |

**Select Publications (2019-2024)**

| S.No. | Title of the Article | Name of the Journal | I/N | ISBN/ ISSN | Vol. | Pg. | Month and Year |
|---|---|---|---|---|---|---|---|
| 1. | Tandem Aqueous Extract of Onion Catalyzed Knoevenagel Condensation-Michel Addition-Cyclization: A Green Protocol for the Synthesis of 2-Amino- 3-Cyano-4H-Pyran Annulated Heterocyclic Scaffolds and their Anti-oxidant and Molecular Docking studies | Journal of Molecular Structure | I | 0022-2860 | *1302* | 137373 | **2024** |
| 2. | Water Extract of Onion Catalyst: A Sustainable Approach for the Synthesis of 4-Substituted 1,5-Benzodiazepine Derivatives via an In Situ Generated Enaminones | Current Organo catalysis | I | 2213-3372 | 11 | 232-247 | **2024** |
| 3. | Water extract of onion: chemoselective synthesis of 2-substituted benzimidazole derivatives | Organic. Communications | I | 1307-6175 | 16 | 175 - 186 | **2023** |
| 4. | Water extract of onion catalyst: An economical green route for the synthesis of 2-substituted and 1, 2-disubstituted benzimidazole derivatives with high selectivity | Journal of Heterocyclic Chemistry | I | 0022-152X | *58* | 340-349 | **2021** |
| 5. | Synthesizing Bis (β-iminoenolate) copper (II) Complexes and Exploring Substitution Dependent Green Catalytic Application for Azide-Alkyne Cycloaddition Reaction | Chemistry Select | I | 2365-6549 | *5* | 8773-8778 | **2020** |

13. **Sponsored Projects:**

| Major Projects handled so far | |
|---|---|
| **Nos.** | **Financial Outlay (Rs.in lakhs)** |
| 2 | 31.93 |

14. No. of Seminars/Conferences/Workshops organized (2019-2024): 2
15. No. of Presentations in Seminars/Conferences (2019-2024) : 10
16. No. of Invited Talks in National / International Conferences (2019-2024) : 2

17. **Additional responsibilities (2019-2024):**
    - NSS Programme Officer, GRI
    - Working Committee Member, Alumni Cell, GRI
    - Working Committee Member, IIC, GRI
    - Working Committee Member, IQAC, GRI