Dr. M. ARUNACHALAM



1. Designation : Assistant Professor
2. Centre / Department / School : Department of Chemistry
3. Qualification : M.Sc., Ph.D
4. Experience (in years) : Teaching:9 years, Research:12 years
5. Area of Specialization : 1) Supramolecular Chemistry, 2) Organic Chemistry 3) Polymer Chemistry
6. Mobile Number : 7373636253
7. Email ID : chemarun81@gmail.com / m.arunachalam@ruraluniv.ac.in
8. Orcid ID : https://orcid.org/0000-0002-6573-7797
9. Google Scholar ID : lVpsnUAAAAAJ
10. IRINS Link for detailed profile : https://ruraluniv.irins.org/profile/107236
11. **Research Guidance :**

Degree	Awarded		Guiding
	Total	For the period 2019-2024	
Ph.D.	2	2	4

12. **Publications**

S.No.	Category	Total	For the period 2019-2024
1.	No. of UGC CARE Listed Publications	31	11
2.	No. of Chapters in Edited Volume / Proceedings	1	1

Selected Publications (2019-2024)

S.No.	Title of the Article	Name of the Journal	I/N	ISBN/ ISSN	Vol.	Pg.	Month and Year
1.	Stilbene-Cross-Linked Pillar [5] arene-Based Polymer for Efficient Iodine Vapor Capture and Adsorption from Water	ACS Applied Polymer Materials	I	2637-6105	6	3470-3480	March 2024
2.	Pillar[n]arenes in the Fight against Biofilms: Current Developments and Future Perspectives	ACS Infectious Diseases	I	2373-8227	10	1080-1096	March 2024
3.	Tripodal receptor cross-linked polymer as a promising adsorbent for iodine vapor capture and adsorption from water	Polymer	I	Print: 0032-3861 Online: 1873-2291	294	126688	February 2024
4.	Formation of Supramolecular Polymer Network and Single-Chain Polymer Nanoparticles via Host–Guest Complexation from Pillar[5]arene Pendant Polymer	ACS Applied Polymer Materials	I	2637-6105	2	4368-4372	October 2020
5.	Anion-Responsive Pseudo[3]rotaxane from a Difunctionalized Pillar[4]arene[1]quinone and a Bis-Imidazolium Cation	Organic Letters	I	Print: 1523-7060 Web: 1523-7052	22	7831-7836	October 2020

13. **Sponsored Projects:**

Major Projects handled so far		Major Projects handled during 2019-2024	
Nos.	Financial Outlay (Rs.in lakhs)	Nos.	Financial Outlay (Rs.in lakhs)
2	42.98	1	20.0

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) : 8

17. Awards / Honours / Recognitions / Achievements: (2019-2024):

- Deputy Director, Placement Bureau, GRI
- Deputy Warden, Boys Hostel, GRI
- Assistant Public Relations Officer, GRI
- NSS Programme Officer, GRI
- UBA Executive Member, GRI
- IQAC member, GRI
- Organizer, Shanti Sena, GRI