

RESUME



Name: Dr. R. GANESAMOORTHY
Designation: Assistant Professor (Shift-2)
Department: Chemistry
Address: 2/242 Mariamman Kovil St, Ariyanayagipuram-627862,
Kadayanallur (TK), Tenkasi (DT).

PERSONAL DETAILS

Date of Birth : 14-05-1983
Qualification : MSc., NET., PhD.
Designation : Assistant Professor
Department : Chemistry
Community : OBC
Religion : Hindu
Nationality : Indian
Mobile : 8610232049
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ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
BSc	Chemistry	St Xaviers College, Palayamkottai	M. S. University	2004
MSc	Chemistry	ANJA College, Sivakasi	M. K. University	2006

PhD	Chemistry	IIT Madras, Chennai	IIT Madras, Chennai	2013
ACADEMIC IDENTITY				
*VIDWAN ID	Vidwan-ID: 287886			
*ORCID ID	https://orcid.org/0000-0002-4440-0597			
*SCOPUS ID	55209880200			
*RESEARCHER ID/ PUBLONS ID	GOK-2892-2022			
GOOGLE SCHOLAR LINK	https://scholar.google.com/citations?hl=en&view_op=list_works&gmla=AJsN-F6fcrHOQ5TU8Ntgduxdaq_b7RUhP0lYEApxtdgJbyDvDcPIEX8-gTmwp9f3a3LuG2RSrUghqSPup_nEZp70fkptXnkf4w&user=tgL5fUgAAAAJ			

TEACHING EXPERIENCE	
Date of Appointment	12-08-2020
Date of Retirement	NA
Teaching Experience	UG: 2 year
	PG: 4 year
	M.Phil.: Nil
Research	Guided M Phil: Nil Guided Ph D: Nil Guiding Ph Scholar: Nil

COURSES/ CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	
Organic, Inorganic Chemistry	Central University of Tamilnadu (CUTN), Tiruvarur	Sep 2014	Aug 2015	1 year
General Chemistry	Einstein College of Arts and Science	June 2019	Aug 2020	1.2 year
Organic, Inorganic chemistry	St Xaviers College, Palayamkottai.	Aug 2021	Till now	4 year-

AWARDS RECEIVED	
1.	UGC/CSIR (NET)-JRF (Lectureship and JRF-2008) Qualified, R. No-100173) Details:- Ref No: 20-6/2008 (ii) EU-IV, Roll No-100173, SR.No-2/12/8/1/00002
2.	Graduate Aptitude Test in Engineering (GATE) – 2008, Percentile: 94.85%
3.	
4.	
5.	

ADMINISTRATIVE EXPERIENCE			
S. No	DESIGNATION	INSTITUTIONS	YEAR

MEMBERSHIP		
S. No	Designation	Particulars

ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE ()

S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1	Faculty Induction / Orientation Program	Ramanujam College, NewDelhi	NewDelhi, 20 June – 19 July, 2022
2	Faculty Orientation Program	St Xaviers College	Palayamkottai, 15&16 July2022
3	Faculty Empowerment Program	St Xaviers College	Palayamkottai, 23-07-2022
4	Aspects of higher education	Internal Quality	Palayamkottai, 15-06-2023

		Assurance Cell (IQAC), St Xaviers College, Palayamkottai	to 16-06-2023
5	Faculty Empowerment Program	Internal Quality Assurance Cell (IQAC), St Xaviers College, Palayamkottai	Palayamkottai, 22-07-2023
6	ICT-Enabled Teaching and Learning	Internal Quality Assurance Cell (IQAC), St Xaviers College, Palayamkottai	Palayamkottai, 29-05-2024 to 14-05-2024
7	Teaching Teachers: Style and Professionalism	Internal Quality Assurance Cell (IQAC), St Xavier's College, Palayamkottai	Palayamkottai, 23-07-2024
8	Preparation and Finalizing Research Papers for Journals Recognized by the Institute	Internal Quality Assurance Cell (IQAC), St Xaviers College,	Palayamkottai, 08-08-2024
9	A Two-Day Staff Enhancement and Empowerment Programme	Internal Quality Assurance Cell (IQAC) and Department of English, St Xaviers College, Palayamkottai	Palayamkottai, 19-11-2024 to 20-11-2024
10	Enhancing Research Productivity: Impactful Publications and Projects	Internal Quality Assurance Cell (IQAC), St Xaviers College, Palayamkottai	Palayamkottai, 12-12-2024

DETAILS OF RESEARCH WORK

Research Stages	Title of the Thesis	University where the work was carried out
Completed	Metal Carbene and Metal Carbyne Complexes of Group VI Transition Metals.	IIT Madras, Chennai

AREAS OF RESEARCH

1. Organometallic Chemistry-Fischer 4arbene complexes
2. Metal complexes in optoelectronic applications
3. Lanthanide magnetic complexes

4. Organic Chemistry- Anti-cancer drugs, pro-drugs

RESEARCH PROJECTS CARRIED OUT			
S. No	Title of the Project (Minor)	Name of the Funding Agency & Amount	Duration

PUBLICATIONS				
BOOKS	BOOK CHAPTERS	SCOPUS	WEB OF SCIENCE	UGC LISTED
-	-	4	4	4
OTHER INDEXED	AS A RESOURCE PERSON	PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS	WEBINARS, SEMINARS, WORKSHOPS ATTENDED	
-	2	2	4	-

PUBLICATIONS: BOOKS ()			
S. No	Title of the Book	Publication	Year

BOOK CHAPTERS ()			
S. No	Title of the Paper	Name of the Book	ISSN No., Pg.No

PUBLICATIONS: SCOPUS INDEXED JOURNALS (4) WEB OF SCIENCE (4)			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1	Aqueous organometallic chemistry: synthesis and characterization of γ , δ unsaturated alkynyl substituted Fischer carbene complexes of group IV transition metals. <u>Ganesamoorthi, R.;</u> Thakur, A.; Ghosh,	<i>Curr. Sci.,</i>	101 (2011) 1347-1351. Impact Factor: 1.102
2	Synthesis and Characterization of N-Phenyl Pyrrole Anchored to Fischer Carbene Complex Through Ring Closing Metathesis Oxidative Aromatization and Various Aryl Substituted Fischer Carbene Complexes. <u>Ganesamoorthi, R.;</u> Thakur, A.; Sharmila, D.; Ramkumar, V. Ghosh, S.	<i>J. Organomet. Chem.</i>	726 (2013) 56-61. Impact Factor: 2.369
3	<u>Triazolyl Alkoxy Fischer Carbene Complexes in Conjugation with Ferrocene/Pyrene as Sensory Units: Multifunctional</u>	<i>Organometallics</i>	33 (2014) 3096–3107. Impact Factor: 3.876

	<u>Chemosensors for Lead(II), Copper(II), and Zinc(II) Ions.</u> Joseph Ponniah S, Subrat Kumar Barik, <u>R. Ganesamoorthi</u> and Sundargopal Ghosh.		
4	Polypyridyl chromium(III) complexes for non-volatile memory application: impact of the coordination sphere on memory device performance. Balamurugan, K.; <u>Ganesamoorthi, R.</u> ; Li, Z.; Su-Ting, H.; Shishir, V.; Shun-Cheung, C.; Zongxiang, Xu.; Ko, C. C.; and V. A. L. Roy.	<i>J. Mater. Chem. C,</i>	6 (2018) 1445-1450. Impact Factor: 8.067

PUBLICATIONS: UGC LISTED JOURNALS (4)			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1	Aqueous organometallic chemistry: synthesis and characterization of γ , δ unsaturated alkynyl substituted Fischer 7arbine complexes of group IV transition metals. <u>Ganesamoorthi, R.</u> ; Thakur, A.; Ghosh,	<i>Curr. Sci.,</i>	101 (2011) 1347-1351. Impact Factor: 1.102
2	Synthesis and Characterization of N-Phenyl Pyrrole Anchored to Fischer Carbene Complex Through Ring Closing Metathesis Oxidative Aromatization and Various Aryl Substituted Fischer Carbene Complexes.	<i>J. Organomet. Chem.</i>	726 (2013) 56-61. Impact Factor: 2.369

	Ganesamoorthi, R.; Thakur, A.; Sharmila, D.; Ramkumar, V. Ghosh, S.		
3	<u>Triazolyl Alkoxy Fischer Carbene Complexes in Conjugation with Ferrocene/Pyrene as Sensory Units: Multifunctional Chemosensors for Lead(II), Copper(II), and Zinc(II) Ions.</u> Joseph Ponniah S, Subrat Kumar Barik, R. Ganesamoorthi and Sundargopal Ghosh.	<i>Organometallics</i>	33 (2014) 3096–3107. Impact Factor: 3.876
4	Polypyridyl chromium(III) complexes for non-volatile memory application: impact of the coordination sphere on memory device performance. Balamurugan, K.; Ganesamoorthi, R.; Li, Z.; Su-Ting, H.; Shishir, V.; Shun-Cheung, C.; Zongxiang, Xu.; Ko, C. C.; and V. A. L. Roy.	<i>J. Mater. Chem. C,</i>	6 (2018) 1445-1450. Impact Factor: 8.067

PUBLICATIONS: OTHER INDEXED JOURNALS ()

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor &Pg.No
-	-	-	-

AS A RESOURCE PERSON (26)

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	Mossbauer spectroscopy: Applications of Inorganic	Central University of Tamilnadu (CUTN), India,	Tiruvarur, 13-14 th March 2015.

	compounds. Transition-2015 (Chemistry workshop)		
2	Live Webinar on Optimum lifestyle for human beings.	Einstein College of Arts and Science College, Tirunelveli	Tirunelveli, 25 th July 2020.
3	“Tricks and Tips for CSIR–NET/ SET Chemical Science” (Five days international level Virtual Workshop)	IQAC & PG & Research Dept. of Chemistry, Kamaraj College, Thoothukudi.	Thoothukudi, 18 th August, 2021.

**WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP
PAPER PRESENTED: National (yes) International ()**

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	Conference Poster presentation at Chemistry In - House Symposium (CIHS-2011)	IIT Madras	Chennai, 24 th August, 2011.
2	Conference Poster presentation at Frontiers In Chemical Sciences (FICS-2012),	Indian Institute of Technology Guwahati	Guwahati, 2 nd -3 rd December, 2012.

**WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP
ATTENDED:**

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	Virtual Workshop-Live Webinar	Einstein College of Arts and Science	Tirunelveli, 18-07-2020
2	Virtual Workshop-Live Webinar	Einstein College of Arts	Tirunelveli, 20-07-

		and Science	2020
3	Chemistry Live webinar	American College	Madurai, 13-09-2021
4	“Tricks and Tips for CSIR–NET/SET Chemical Science” (Five days international level Virtual Workshop)	IQAC & PG & Research Dept. of Chemistry, Kamaraj College, Thoothukudi.	Thoothukudi, 19 th August, 2021.
5	Gaussian: Potential Tool for Material Scientist	Department of Physics, St Xaviers College, Palayamkottai.	Palayamkottai, 08-12-2023
6	Polymeric Semiconductors for Flexible Optoelectronic Devices	Department of Physics and Physics, St Xaviers College, Palayamkottai.	Palayamkottai, 24-01-2024
7	CHEMCHILLZ-2024	Department of Chemistry, SFR College, Sivakasi.	Sivakasi, 20-08-2024
8	Forensic Chemistry: Analyzing Crime Scene Evidence	Department of Chemistry and Department of Criminology and Forensic Science, St Xaviers College, Palayamkottai.	Palayamkottai, 26-09-2024
9	SYMPHORIA-24	Department of Chemistry, St Xaviers College, Palayamkottai.	Palayamkottai, 11-12-2024
10	One day International Conference on Futuristic Trends in Chemical Science – Health, Energy and Environmental Sustainability (ICFTCS2025)	Department of Chemistry, St Xaviers College, Palayamkottai.	Palayamkottai, 20-02-2025

COUNTRIES VISITED

Washington DC			
Hongkong			

EXTRA-CURRICULAR ACTIVITIES/ CO-CURRICULAR ACTIVITIES ATTENDED(NCC/NSS/YRC/SPORTS/LITERARY AND CULTURAL ACTIVITIES)

NIL

Date:21-07-2025

Name: R. GANESAMOORTHY