

Profile

Name : G. Rajmohan
Date of Birth : 17-06-1975
Address (Residential) : 387-C, Dr. Abdul kalam 4th street, Mullai Nagar, Aranmanai pudur via, Theni - 625531.
Email. : rajmohancpac@gmail.com,
rajmohan.g@cpacollege.org
Mobile No. : 9944338295
Designation : Assistant Professor and Head
Department : Physics
Area of Specialization : Materials Science



Academic details:

S.No.	Degree	University/ College	Branch	Month & year of Completion	CGPA/ Percentage/ Class
1	Ph.D	Thiagarajar College, Madurai	Physics	August & 2022	First
2	B.Ed	S.B.T. College of Special Education , D.R.O. Colony , Madurai & M.K University , Madurai.	Physical Science	April 2002	First
3	M.Phil.	M.K University Madurai & M.K University Madurai	Material Science	April 2001	First
4	M.Sc.	N.M.S.S.V.N College , Nagamalai Pudukottai , Madurai & M.K University , Madurai.	PHYSICS	April 2000	First
5	PGDCA	The American College Madurai Kamaraj University	Computer Applications	June 2000	First
6	B.Sc.	T.B.M.L College , Porayar , Nagapatinam Dist & Bharathidasan University , Trichy.	PHYSICS	April 1997	Second

Experience:

S.No.	College	From	To	Duration
1	CPA College	03-01-2007	Till	17 Years 7 Months 17 Days

Details of the Orientation and Refresher Courses attended:

S.No.	Course	Academic Staff College	Period
1	Short Term Course	Bharathidasan University	10.03.2023 to 16.03.2023
2	Online Refresher Course	Ramanujan College, University of Delhi	02-16 June, 2021
3	Short Term Course	Bharathidasan University	22 - 28 February, 2018
4	Refresher Course	Madurai Kamaraj University	12-11-2013 To 02-12-2013
5	Refresher Course	Madurai Kamaraj University	10-11-2010 To 30-11-2010
6	Orientation Course	Pondicherry University	09-01-2009 To 05-02-2009

Award:

S.No.	Date	Award name	Sponsor Organization
1	02-06-2023	Certificate of Appreciation	Naan Mudhalvan - NSE Academy
2	08-09-2017	Best Poster Award	International Conference at Thiagarajar college

List of Publications:

1. G. Rajmohan, G. RAVINDRAN and G. ARIVAZHAGAN, " Solid-State Synthesis, Characterization, Biological Studies and Theoretical Evaluation of (E)-2-(2-(naphthalene-2-yloxy)-1-phenylethylidene) Hydrazine Thiocarboxamide", ORIENTAL JOURNAL OF CHEMISTRY, Vol. 37, No.(3), 0970-020 X, page no. 602-608.
2. G. Rajmohan, R. Shanmugam, A. Elangovan, G. Ravindran and G. Arivazhagan, " Spectroscopic studies, DFT calculation, electronic properties and antimicrobial studies on 2-(2-(naphthalene-2-yloxy)-1- phenylethylidene) hydrazine carboxamide", Materials Today: Proceedings, online, 2214-7853, page no. online.
3. G. Rajmohan, R. Shanmugam, A. Elangovan, G. Ravindran and G. Arivazhagan, "Synthesize, characterization and topological properties of new hydrazone derivatives", Journal of Molecular Structure, 1251, 0022-2860, page no. 132028.
4. P. Dineshkumar, R. Sahana, G. Rajmohan, A. Elangovan and G. Arivazhagan, " Interaction behaviour of acetonitrile in the presence of acetylacetone: FTIR studies and DFT calculations", Physics and Chemistry of Liquids, Volume 60, Issue 5, 1029-0451, page no. 696-706.
5. S.P. Naganandhini, T. Sangeetha, R. Sahana, P. Mounica and G. Rajmohan, " Theoretical discussion on the Hydrogen Bond Interactions between Acrylic Acid dimer and dibutyl ether Monomer", Computational and Theoretical Chemistry, 1213, 2022, 2210-271X, page no. 113746.

Participation:

1. International level Workshop on " Solar Water splitting and Artificial Photosynthesis (SWAP- 2023) ", June 5-7, 2023, MADURAI KAMARAJ UNIVERSITY, Madurai.
2. State level Workshop on " Intellectual Property Rights (IPR) ", February 22, 2023, Cardamom Planters' Association College, Bodinayakanur.
3. University level Faculty Development Programme on " Data analytics with Tableau ", 30/01/2023 - 03/02/2023, MADURAI KAMARAJ UNIVERSITY, Madurai.
4. IP Awareness/Training program on "IP Awareness/Training program ", November 10, 2022, CPA College, Bodinayakanur.
5. State level Workshop on " Nuances on Documentation Process: Research Proposal, NAAC & NIRF ", August 13, 2022, Madurai Kamaraj University, Madurai.
6. Faculty Development Programme on "Enhancing Teachers Collective Efficacy During Pandemic ", March 17, 2022, Cardamom Planters' Association College, Bodinayakanur.
7. National level Seminar on " National Seminar on advanced materials ", January 23, 2020, Jamal Mohamed College, Tiruchirappalli.
8. International level Conference on " International Conference on Advanced functional materials for energy, environment, and biomedical applications ", December 11-12, 2017, Madurai Kamaraj University, Madurai.
9. International level Conference on " International conference of functional materials ", September 7-8, 2017, Thiagarajar College, Madurai.

Presentation:

1. International level Workshop on "Solar Water splitting and Artificial Photosynthesis (SWAP- 2023) ", June 5-7, 2023, MADURAI KAMARAJ UNIVERSITY, Madurai., presented title as " Photocatalytic degradation of methylene blue using cobalt doped nickel oxide nanoparticles".
2. National level Seminar on "National Seminar on Advanced Materials (NSAM-2020) ", January 23, 2020, Jamal Mohamed College, Tiruchirappalli., presented title as " DFT Calculations and Spectroscopic studies of novel compound of 3-(4-chlorophenyl)-2-(naphthalen-2-yloxy)-1-phenyl-propenone".
3. International level Conference on "Advanced Functional Materials of Energy, Environment and Biomedical Applications ", December 11-12, 2017, Madurai Kamaraj University, Madurai., presented title as " Spectroscopic and Powder XRD Studies Copper(II) Complex with Sciff Base as Ligand".