


RESUME (as on 18th September 2023)

1		<p>Dr. S.K.PERIYASAMY Assistant Professor of Chemistry</p>											
2	Date of Birth	02.04.1985											
3	Address for Communication	<p>Residence 1/39-B, Seplappatty North Street Neithalur Colony (Post) Kulithalai(TK), Karur (DT). Pin code: 639110 Mobile No: 09786154403 06374281481</p>	<p>Office Post Graduate and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Affiliated to Bharathidasan University, Tiruchirappalli – 620 020, Tamilnadu, India</p>										
4	Educational Qualifications	M.Sc. Bharathidasan University, Tiruchirappalli, 2007 Ph.D. Bharathidasan University, Tiruchirappalli, 2012											
5.	Teaching Experience	UG	PG	M.Phil									
		09 years 8 months	09 years 8 months	9 years									
	Research Experience	16 years from 2007											
6	Areas of Specialization	Physical organic Chemistry and Phytochemistry											
7	Languages Known	Tamil, English											
8	Subjects Teaching	<p><i>Undergraduate</i> :Inorganic, Organic, Physical chemistry.</p> <p><i>Postgraduate</i> : <i>Stereochemistry</i>, Industrial chemistry, Polymer chemistry.</p> <p><i>M.Phil.</i> : Molecular modelling.</p>											
9	Research Supervision	<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%; text-align: center;">Completed</th> <th style="width: 33%; text-align: center;">Submitted</th> <th style="width: 33%; text-align: center;">Pursuing</th> </tr> <tr> <td style="text-align: center;">M.Phil.</td> <td style="text-align: center;">14</td> <td style="text-align: center;">--</td> </tr> <tr> <td style="text-align: center;">Ph.D.</td> <td style="text-align: center;">--</td> <td style="text-align: center;">01</td> </tr> </table>			Completed	Submitted	Pursuing	M.Phil.	14	--	Ph.D.	--	01
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Orientation / Refresher Courses Attended:

- 1) Orientation Course: UGC Sponsored, Academic Staff College, Bharathidasan University, Tiruchirappalli- 620 023, from 20.05.2014 to 16.06.2014, obtained by “ A” Grade .
- 2) Refresher Course in Chemistry: UGC Human Resource Development Centre, Devi Ahilya vishwavidyalaya, Indore , Madhyapradesh from 09.11.2017 to 29.11.2017 obtained by “ A” Grade.
- 3) Refresher Course in chemistry: UGC Academic Staff College, Bharathidasan University, Tiruchirappalli-620 023, from 20.09.2019 To 03.10.2019 obtained by “ A” Grade .
- 4) Refresher Course in chemistry: UGC HRDC, Madurai Kamaraj University, Madurai-625 021, from 10.11.2021 To 23.11.2021 obtained by “ A” Grade .

List of paper Publications:

1. Oxidation Of Distyryl ketone by Quinaldiniumfluorochromate: A Kinetic and mechanistic study, Journal of Chemical and Pharmaceutical Research, 2012, 4(4) : 2153 – 2161
2. Kinetics of Oxidation of Thiomalic acid by Quinaldiniumfluorochromate , DerChemica Sinica,2012,3(3):641 -647
3. Oxidation of α,β – Unsaturated alcohols by quinaldinium fluorochromate, International letters of Chemistry, Physics and Astronomy, 2012, (5):8-1 9.
4. Oxidation Of Phenol by quinolinium chlorochromate in aqueous acetic acid medium ,2015, World Journal of Pharmaceutical Research , 4, 5, 2259-2270.
5. Reactivity in the quinolinium chlorochromate on the oxidation of aniline in aqueous acetic acid medium ,World Journal of Pharmaceutical Research, 4, 2015,7, 883-895.
6. Reactivity of Phenol and aniline towards Quinolinium chlorochromate: A comparative oxidation kinetic study, International letters of Chemistry, Physics and Astronomy, 2015, (59):81 -92.
7. Oxidation of Substituted chalcones by quinaldinium fluorochromate, World Scientific News, 2016, (33): 96-108.
8. Oxidation of thioacids by quinaldiniumfluorochromate Arabian Journal of Chemistry(Elsevier Journal) 2016, 9,574-577.
9. Oxidation of Cinnamic acid by quinolinium fluorochromate, Asian Journal of Applied Science and Technology, 2017, 9, 161-174.
10. Oxidation Of Benzyl alcohol by quinolinium bromochromate, Asian Journal of Applied Science and Technology, 2017, 7, 183-193.
11. Oxidation of Distyryl ketone by quinaldinium chlorochromate- a kinetic study, World News of Natural Sciences, 2017, 13, 113-121.
12. Oxidation of aromatic anil by pyrazinium chlorochromate,International Journal of Research and Analytical Reviews,2019,6(2) 5-13.
13. Anti-inflammatory activity of dodonaea viscosa leaves ,International Journal of Research and Analytical Reviews,2019,6(2) 223-225.
14. Cooxidation of Dibenzalacetone with Oxalic Acid by Pyrazinium Chlorochromate, International Letters of Chemistry, Physics and Astronomy,2020,85,1-14.

15. Invitro antioxidant and antibacterial effect of *Dodonaea Viscosa* linn, *Annals of RSCB*,2021,25(6),17802-17809.
16. In vitro anticancer and anti inflammatory screening of *Dodonaea viscosa* *Journal of Pharmaceutical Research International*,2021,33(39B),186-192.
17. In-Vitro Hepatoprotective activity of hydro alcoholic extract of *Dodonaea Viscosa* linn.*Bulletin of Environment , Pharmacology and Life Sciences ,* 2022.
18. Investigation of Bioactive Phytochemicals of *Trachyspermum ammi* by Molecular docking, *Design Engineering*,2021,9,10293-10306.
19. Antibacterial and In-vitro Anti oxidant Effect of *Dodonaea viscosa* leaves *Journal of Pharmaceutical Research International*,2022,34(33A),57-63.
20. Molecular Docking Analysis for the Identification of Bioactive Compounds Against Urolithiasis (Hyperoxaluria), *Oriental Journal of Chemistry*,2022,38(2), 336-342.
21. Kinetics And Mechanism Of The Oxidation Of Some Thioacids By Quinaldinium Chlorochromate,*International Journal Of Scientific Research*,2022,12(5)

Paper Presentation In Conferences/Seminars:

1. Presented paper entitled Oxidation of Phenol by Quinolinium Bromochromate in the International Conference on Chemical and Environmental Research (ICCER -2017) organized by PG and Research Department of Chemistry, Jamal Mohamed College(Autonomous), Tiruchirappalli, on 07th January 2017.
2. Presented paper entitled Kinetics of Oxidation of Aromatic Anil by Quinaldinium Fluorochromate in the National Conference on Recent Developments in Chemistry (NCRDC – 2018) organized by PG and Research Department of Chemistry, Jamal Mohamed College(Autonomous), Tiruchirappalli on 20th January 2018.
3. Presented paper entitled Anti- inflammatory activity of methanolic extract of *Ficus hispida* (leaves) in the 4th International Conference on Chemical and Environmental Research (ICCER -2018)) organized by PG and Research Department of Chemistry, Jamal Mohamed College(Autonomous), Tiruchirappalli on 19th December 2018.
4. Presented paper entitled Protective effect of methanolic nephrotoxicity in rats in A third national conference on emerging Trends in science and technology (EMERGE - 2019)) organized by Dr.M.G.R Educational and research institute(Deemed University) Chennai on 12th December-2019.
5. Presented paper entitled Anti-Inflammatory activity of *Dodonaea Viscosa* Leaves in the International conference on emerging Trends in Science, Technology and mathematics(ICETSTM-19) organized by Parvathy's Arts and science college, Dindigul, on 22nd August 2019.
6. Presented paper entitled Oxidation of Aromatic anil by Pyrazinium chlorochromate in the International conference on emerging Trends in Science, Technology and mathematics(ICETSTM ‘’19) organized by Parvathy's Arts and science college, Dindigul, on 22nd August 2019.
7. Presented paper entitled Protective Effect of *Madhuca longifolia* aqueous extract in Isoniazid and Rifampicin Mediated Oxidative hepatic Damage in the 5th International Conference on Chemical and Environmental Research (ICCER -2020) organized by PG and Research Department of Chemistry , Jamal Mohamed College(Autonomous), Tiruchirappalli on 8th January 2020.

8. Presented paper entitled "IN VITRO ANTIOXIDANT, NEUROPROTECTIVE AND ANTIDIABETIC ACTIVITY OF DODONAEA VISCOSEA" organized by PG and Research Department of Chemistry, Jamal Mohamed College(Autonomous), Tiruchirappalli on 12th November -2020.
9. Presented paper entitled " Co- Oxidation of Acetanilide and Oxalic acid by Benzimidazolium Dichromate" in the 7th International Conference on Conference on Innovations in Chemical and Environmental Research (ICICER -2022) organized by PG and Research Department of Chemistry, Jamal Mohamed College(Autonomous), Tiruchirappalli on 25th May 2022.
10. Presented paper entitled " A Kinetic and Mechanistic Study of the Oxidation of tyrosine by Benzimidazolium dichromate in aqueous acetic acid medium" in the International Conference on Recent innovations in Materials Science and Spectroscopy (ICRIMS -2023) organized by PG and Research Department of Physics, Jamal Mohamed College(Autonomous), Tiruchirappalli on 10th January-2023.

Participation in Conferences/ Seminars:

1. Actively Participated in the 10th CRSI National Symposium in Chemistry held at Indian Institute of Science, Bangalore on 1-3 , February, 2008.
2. Attended the National Seminar on Recent advances in Physical Organic Chemistry held at National College, Tiruchirappalli, on 11-12 , February, 2008.
3. Participated in the National Seminar on Theoretical and Chemical Sciences held at Annamalai University, Annamalainagar on 22- 23 February, 2008
4. Participated in the National Seminar on Recent Research Trends in Synthetic Organic and Natural Products chemistry conducted by S. V. University, Tirupati, 25- 26, February ,2008.
5. Actively Participated in the 13th CRSI National Symposium in Chemistry held at National Institute of Science Education and Research (NISER), KIIT University, Bhubaneswar, 4- 6, February, 2011.
6. Participated in the Prof . R. Jeyaraman Memorial Seminar on Prospects in Chemistry held at National College, Tiruchirappalli, 11th , March, 2011.
7. Participated in the Seminar on Recent Developments in Chemistry, Bharathidasan University, Tiruchirappalli, 29th , August, 2011.
8. Actively Participated in the 14th CRSI National Symposium in Chemistry, National Institute for Interdisciplinary Science and Technology (CSIR- NIIST), Tiruvananthapuram, 3- 5, February, 2012
9. Participated in the Golden Jubilee Celebration and Seminar on Chemistry and Industry, National College, Tiruchirappalli, 09th , March, 2012.
10. Participated in the International Conference on Chemical and Environmental Research, Jamal Mohamed College, Tiruchirappalli, 11-12 , March , 2014.
11. Participated in the International Conference on Chemical and Environmental Research Jamal Mohamed College, Tiruchirappalli, 17th December , 2015
12. Participated in the International conference on chemical and Environmental Research (ICCER -2017) , Jamal Mohamed College, Tiruchirappalli, 07th January 2017.
13. Actively Participated in the National Conference on Recent Developments in Chemistry (NCRDC – 2018), Jamal Mohamed College, Tiruchirappalli , 20th January 2018.

14. Attended the Seminar on The MHRDDraft proposal for Higher Education Commission of India (Repeal of UGC Act ,1956) Act 2018, Jamal Mohamed College, Tiruchirappalli , 14thJuly 2018.
15. Actively Participiated in the International conference on chemical and Environmental Research (ICCER -2018) , Jamal Mohamed College, Tiruchirappalli,19th December-2018.
16. Participiated in the International conference on emerging Trends in Science, Technology and mathematics(ICETSTM ''19) Parvathy's Arts and science college, Dindigul, 22nd August 2019
17. Attended third national conference on emerging Trends in science and technology (EMERGE -2019), Dr.M.G.R Educational and research institute(Deemed University), Chennai ,12th December-2019
18. Actively Participiated in the International conference on chemical and Environmental Research (ICCER -2020), Jamal Mohamed College, Tiruchirappalli,8th January-2020.
19. Attended the Orientation Programme on Mooc's and e- learning Jamal Mohamed College, Tiruchirappalli on 29th January-2020.

Workshop Attended:

1. Participated in the Workshop in DST & PU on Green Chemistry at Pondicherry University, Puducherry, 7-8 , March 2008.
- 2.Participiated in the One day Workshop on “ Chem –Informatics” Kurinji College of Engineering and Technology , Manapparai, on 8th August 2008.
3. Participiated in the Academics Sponsored “ Two day Lecture Workshop on Frontiers in Chemistry, National College, Tiruchrappalli, 13- 14, March , 2009.
- 4.Participiated in the Workshop on Spectroscopic and electrochemical methods in Chemistry, National College, Tiruchirappalli, 16- 18, February , 2010.
- 5.Participiated in the Work shop on Frontiers in catalysis Research, National College, Tiruchrappalli on 1st October, 2010.
- 6.Participiated in the one Day Inter – Collegiate workshop on E – content Development For Teaching – Learning, Jamal Mohamed College, Tiruchirappalli on 22nd, December,, 2015.
7. Participiated in the One day workshop on the Role of a Teacher in the Present Scenario , Jamal Mohamed College, Tiruchirappalli on 7th January 2017.
- 8.Attended the State level Intercollegiate Extravaganza Symphoria 2017 at Jamal Mohamed college, Tiruchirappalli on 31st January 2017.
- 9.Participiated in the Three days NLP Based Faculty Empowerment programme at Jamal Mohamed College, Tiruchirappalli ,on 17th ,19th ,20th June 2017.
- 10.Attended State level Intercollegiate Extravaganza Symphoria 2018 at Jamal Mohamed college, Tiruchirappalli on 20th February 2018.
- 11.Participiated in the Writing winnable Project Proposals, Jamal Mohamed college, Tiruchirappalli on 23rd June 2018.

12. Attended the UGC-CPE sponsored Two day Workshop on Professional Development for Academic leadership in curriculum Design, Jamal Mohamed college, Tiruchirappalli on 18th, 19th January 2019.
13. Participated in the State level Intercollegiate Extravaganza Symphoria 2018, Jamal Mohamed college, Tiruchirappalli, on 13th February 2019.
14. Attended the Staff Enrichment Programme on ownership culture, Jamal Mohamed college, Tiruchirappalli on 14th June 2019.
15. Participated in the workshop on “quality enhancement of Research: New Paradigm in Trans – disciplinary approaches and IPR, Jamal Mohamed college, Tiruchirappalli on 06th September 2019.
16. Actively Participated in the State level Intercollegiate Extravaganza JAM CHEM FEST, Jamal Mohamed college, Tiruchirappalli on 27th February 2020.
17. Actively involved An International online workshop on materials science and computational methods” Jamal Mohamed college, Tiruchirappalli on 15th and 16th February 2022.
18. Participated in A state Level Workshop on “ Production and Formulation of Bioinoculants” Jamal Mohamed college, Tiruchirappalli on 31st March 2022

APPRECIATION:

“Environ Crusader” appreciation certificate recognised by Youth ExNoRA Tiruchirappalli

Organizing Seminar /Workshop/ Programme:

1. Acted as the convenor for the programme on National Pollution Control Day, at Jamal Mohamed College (Autonomous), Tiruchirappalli on 2nd December 2021.
2. Acted as the Organizing Secretary in the “ 7th International Conference on Innovations in Chemical and Environmental Research, ICICER-2022” Organized by PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 25th May 2022.
3. Acted as the Organizing Committee Member in an “Online National Level Intercollegiate fest “JAM CHEM FEST-2k22” Organized by PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 25th May 2022.
4. Acted as Judge in the event Chem Charade in the “JAM CHEM FEST-2k23” Organized by PG&Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli, on 14th March 2023.
5. Acted as the Organizing Secretary in the “1st National Conference on Student Empowerment(NCSE-2023) Organized by Students’ ExNoRA, Jamal Mohamed College (Autonomous), Tiruchirappalli on 25th May 2022.

Online Certification courses:

1. Attended in the NPTEL COURSES on 27th January to 21st February 2020 course entitled “Basics in Inorganic Chemistry”

Online/ Offline Faculty Development Programme attended:

1. Participated in the Faculty Development Programme on 24.05.2021 to 06.06.2021 Organized by in HRDC and IQAC AMET Deemed University , Chennai entitled “ Pedogogy and Research Methods” and Obtained A+ grade.
2. Participated in the Faculty Development Programme on 11.06.2021 to 17.06.2021 Organized by in HRDC and IQAC AMET Deemed University , Chennai entitled “ Yoga for well being during COVID Period ” and Obtained A grade.
3. Participated in the Five day Faculty Development Programme on 21.06.2021 to 25.06.2021 Organized by Dr. N.G.P Institute of Technology , Coimbatore entitled “Advances in Chemical Research”.
4. Participated in the Faculty enrichment Programme on 21.06.2021 to 25.06.2021 Organized by Jamal Mohamed College, Tiruchirappalli.
5. Actively participated in the FDP on Digital Teaching and learning organized by PG & Research Department of chemistry, Under DBT star College Scheme from 24.01.2022 to 29.01.2022.
6. Actively participated in the One day FDP on “Prevalence of fluoride and its Optical Detection” organized by PG & Research Department of chemistry, Under DBT star College Scheme on 24.01.2023.
7. Actively participated in the One day FDP on “Preparation of Winning Research Proposals organized by PG & Research Department of chemistry, Under DBT star College Scheme on 08.02.2023.

Online Participation in Conferences/ Seminars/ webinars:

1. Attended the Webinar titled "Chemistry Behind MRI Contrast Agents" organized by Department of Chemistry, Cauvery College for Women (Autonomous), Tiruchirappalli on 4th May 2020.
2. Actively Participated in the 6th International Conference on Chemical and Environmental Research (ICCER-2020) - A Virtual Mode ,Jamal Mohamed College (Autonomous) ,Tiruchirappalli on 12th November -2020.
3. Participated in the one day National level webinar on 02.06.2021 Organized by Parvathy's Arts and Science College,Dindigul entitled “ Intellectual Property Rights and Patenting”.
4. Participated in the one day webinar on 19.06.2021 Organized by Institute of Engineering and Technology, Devi Ahilya vishwavidyalaya, Indore , Madhyapradesh entitled “ Reimaging higher education Implications and Challenges”.
5. Participated in the Special lecture Programme on 26.06.2021 Organized by Jamal Mohamed College (Autonomous) Tiruchirappalli entitled “ International Day against Drug abuse and Illicit Trafficking”.

6. Participated in the webinar on 06.07.2021 Organized by PG and Research Department of Chemistry, Jamal Mohamed College(Autonomous), Tiruchirappalli entitled “Drug delivery”.
7. Participated in the webinar on 17.07.2021 Organized by PG and Research Department of Chemistry, Jamal Mohamed College(Autonomous), Tiruchirappalli entitled “Iron Based MRI contrast Agents”.
8. Participated in the webinar on 27.07.2021 Organized by PG and Research Department of Chemistry, Jamal Mohamed College(Autonomous), Tiruchirappalli entitled “Emerging materials for solar hydrogen production”.
9. Participated in the webinar on 13.08.2021 Organized by PG and Research Department of Chemistry, Jamal Mohamed College(Autonomous), Tiruchirappalli entitled “Nano – Big Miracles with Small particles”.
10. Completed the state level one day webinar on real life application of fuzzy systems organized by Parvathy’s Arts and Science College,Dindigul on 18th August 2021.

In-charge / Membership in Committees for Autonomous Programme:

1. Member, **Library Committee**, 2016 to 2021
2. **Tutor** for UG Chemistry students, 2014- 2017 & 2019 to 2022
3. **Faculty member in Moral Education (2022 onwards)**

In-charge / Participation in Extracurricular Activities:

1. Department **Test In-charge**, 2019 to till date
2. Department **ERP In-charge**, 2019 to 2020
3. **Students’ ExNoRA staff advisor** ,2020 to till date
4. **Internship Co-ordinator** for the IIC, Jamal Mohamed College ,Tiruchirappalli.
5. **Class teacher and mentor of I UG Students 2023 onwards.**
6. **Association Vice –president** of PG & Research Department of Chemistry,Jamal Mohamed College (Autonomous) Tiruchirappalli 2023 onwards.

Membership in Academic Bodies :

1. Member, **Board of Studies** of Chemistry Department, Jamal Mohamed College (Autonomous), Tiruchirappalli
2. Examiner, **UG Valuation Board**, Bharathidasan University, Tiruchirappalli
3. Examiner in Jamal Mohamed College, Mahendra Arts and Science College , Government Arts and Science College , Coimbatore and Thiagarajar college Madurai.

Certificate Of Appreciation:

1. Participated in the 83rd Orientation Programme from 20.05.2014 to 16.06.2014 at UGC- Academic Staff College Bharathidasan University Tiruchirappalli , Appreciated by , Jamal Mohamed College , Tiruchirappalli.
2. Participated in two days “ In-service Teacher Training “ Programme conducted by “Tamilnadu State council for Higher Education”(TANCHE) in Physical Science held at Thanthai Periyar Government Arts and Science College (Autonomous), Trichy on 05.05.2022 and 06.05.2022.