

JAMAL MOHAMED COLLEGE (Autonomous)

Affiliated to Bharathidasan University
Tiruchirappalli - 620 020



Profile

Dr.S.K.PERIYASAMY
Assistant Professor of Chemistry



PERSONAL INFORMATIONS

Name : Dr. S.K.PERIYASAMY
Position : Assistant Professor of Chemistry
Academic Responsibility :
Advisor of Students' ExNoRA.(2020 to till date)

Research Responsibility :
Internship Co-ordinator for the IIC, Jamal Mohamed College, Tiruchirappalli (2023-2024).

Department Responsibility:
Chemistry Association Vice President (2023 to till date)

Qualifications : M.Sc., Ph.D

Date of Birth : 02.04.1985

Address for Communication :

Residential:

1/39-B,
Seplappatty North Street
Neithalur Colony (Post) Kulithalai(TK),
Karur (DT).
Pin code: 639110
Mobile No: 09786154403, 06374281481

Office: Assistant Professor of Chemistry
Post Graduate and Research Department of Chemistry
Jamal Mohamed College (Autonomous)
Tiruchirappalli – 620 020,
Tamilnadu
India

Teaching Experience:

UG: 11 years 6 months

PG : 11 years 6 months

M.Phil: 11 years 6 months

Research Experience: 17 years from 2007

Areas of Specialization :

Physical organic Chemistry, Synthetic Organic chemistry, Nanochemistry and
Phytochemistry

Languages Known:

Tamil, English

Subjects Teaching:

Undergraduate : Inorganic, Organic, Physical chemistry, General Chemistry, Analytical chemistry, Medicinal Chemistry

Postgraduate : Stereochemistry, Industrial chemistry, Polymer chemistry.

M.Phil. : Molecular modelling.

Research Supervision

M.Phil : 14 students completed

Ph.D. : 01 student completed

Research Identification:

Orcid ID : <https://orcid.org/0000-0002-9199-7429>

Scopus ID : <https://www.scopus.com/authid/detail.uri?authorId=57200851998>

Google Scholar ID : <https://scholar.google.com/citations?hl=en&user=GXEe93cAAAAJ>

Awards & Appreciations:

(i) ExNoRA club Advisor & Assistant Professor of Chemistry Dr.S.K.Periyasamy, Jamal Mohamed College (Autonomous) Tiruchirappalli appreciated to the **“ENVIRON CRUSADER”**.

This appreciation, recognized by the youth ExNoRA International, Tiruchirappalli. This appreciation, presented him to the wonderful services rendered through the Students’ ExNoRa wing of Jamal Mohamed College.

(ii) ExNoRA club Advisor & Assistant Professor of Chemistry Dr.S.K.Periyasamy, Jamal Mohamed College (Autonomous) Tiruchirappalli awarded to the **“BEST STUDENT EXNORA ADVISOR” AWARD**.

This award, recognized by the youth exnoRA International, Tiruchirappalli. This award, presented him to the excellent services rendered through the Students’ ExNoRa wing of Jamal Mohamed College in the academic year 2022-23, on 10.01.2024.

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 .
- 5) **Orientation Programme:** Actively Participiated Orientation Programme on MOOC’s and e-Learning on 29th January 2020 organized by Department of Library, Jamal Mohamed College (Autonomous), Tiruchirappalli.
- 6) **Orientation Programme:** Actively Participiated Orientation Programme on Effective Implementation of Part- V Extension Activities for the Club advisors.

Research Details

Book Publication:01

Allied Chemistry, on May 2024, Jazym Publications, Trichy, ISBN No. 978-81-971137-1-0

List of paper Publications: 24

1. Oxidation Of Distyryl ketone by Quinaldiniumfluorochromate: A Kinetic and mechanistic study, Journal of Chemical and Pharmaceutical Research, 2012, 4(4) : 2153 – 2161

[https://www.google.com/search?client=firefox-d&sca_esv=613c3e8cf9f502a0&sca_upv=1&q=1.%09Oxidation+Of+Styryl+ketone+by+Quinolinium+Fluorochromate:+A+Kinetic+and+mechanistic+study,+Journal+of+Chemical+and+Pharmaceutical+Research,+2012,+4\(4\)+:+2153+%E2%80%93+2161&spell=1&sa=X&ved=2ahUKEwjHyDS1I2HAXVjRmcHHSdJBS0QBSgAegQICRAB&biw=1536&bih=712&dpr=1.25](https://www.google.com/search?client=firefox-d&sca_esv=613c3e8cf9f502a0&sca_upv=1&q=1.%09Oxidation+Of+Styryl+ketone+by+Quinolinium+Fluorochromate:+A+Kinetic+and+mechanistic+study,+Journal+of+Chemical+and+Pharmaceutical+Research,+2012,+4(4)+:+2153+%E2%80%93+2161&spell=1&sa=X&ved=2ahUKEwjHyDS1I2HAXVjRmcHHSdJBS0QBSgAegQICRAB&biw=1536&bih=712&dpr=1.25)

2. Kinetics of Oxidation of Thiomalic acid by Quinaldiniumfluorochromate , DerChemica Sinica,2012,3(3):641 -647

[https://www.google.com/search?client=firefox-d&sca_esv=613c3e8cf9f502a0&sca_upv=1&biw=1536&bih=712&q=Kinetics+of+Oxidation+of+Thiomalic+acid+by+Quinolinium+Fluorochromate+.,+Der+Chemica+Sinica,2012,3\(3\):641+-647&spell=1&sa=X&ved=2ahUKEwjcrNj61I2HAXWpZ2wGHZBcAEkQBSgAegQICxAB](https://www.google.com/search?client=firefox-d&sca_esv=613c3e8cf9f502a0&sca_upv=1&biw=1536&bih=712&q=Kinetics+of+Oxidation+of+Thiomalic+acid+by+Quinolinium+Fluorochromate+.,+Der+Chemica+Sinica,2012,3(3):641+-647&spell=1&sa=X&ved=2ahUKEwjcrNj61I2HAXWpZ2wGHZBcAEkQBSgAegQICxAB)

3. Oxidation of α,β – Unsaturated alcohols by quinaldinium fluorochromate, International letters of Chemistry, Physics and Astronomy, 2012, (5):8-1 9. <http://dx.doi.org/10.18052/www.scipress.com/ILCPA.5.8>

4. Oxidation Of Phenol by quinolinium chlorochromate in aqueous acetic acid medium ,2015, World Journal of Pharmaceutical Research , 4, 5, 2259- 2270. https://wjpr.s3.ap-south-1.amazonaws.com/article_issue/1430802346.pdf

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.

https://scholar.google.com/citations?view_op=view_citation&hl=en&user=tIbrpo0AAAJ&citation_for_view=tIbrpo0AAAJ:9yKSN-GCB0IC

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.

<https://doi.org/10.18052/www.scipress.com/ILCPA.59.81>

7. Oxidation of Substituted chalcones by quinaldinium fluorochromate, World Scientific News, 2016, (33): 96-108. <https://worldscientificnews.com/oxidation-of-substituted-chalcones-by-quinaldinium-fluorochromate/>
8. Oxidation of thioacids by quinaldinium fluorochromate Arabian Journal of Chemistry(Elsevier Journal) 2016, 9,574-577. <https://www.researchgate.net/deref/http%3A%2F%2Fdx.doi.org%2F10.1016%2Fj.arabj.c.2013.11.022?tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6InB1YmxpY2F0aW9uInIwIjE6ImN1YmxpY2F0aW9uIn19>
9. Oxidation of Cinnamic acid by quinolinium fluorochromate, Asian Journal of Applied Science and Technology, 2017, 9, 161-174. <https://ajast.net/data/uploads/2123.pdf>
10. Oxidation Of Benzyl alcohol by quinolinium bromochromate, Asian Journal of Applied Science and Technology, 2017, 7, 183-193. <https://ajast.net/data/uploads/00031.pdf>
11. Oxidation of Distyryl ketone by quinaldinium chlorochromate- a kinetic study, World News of Natural Sciences, 2017, 13, 113-121. <http://www.worldnewsnaturalsciences.com/wpcontent/uploads/2012/11/WNOFNS-13-2017-113-121-2.pdf>
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. <https://www.ijrar.org/papers/IJRAR1ARP038.pdf>
14. Cooxidation of Dibenzalacetone with Oxalic Acid by Pyrazinium Chlorochromate, International Letters of Chemistry, Physics and Astronomy, 2020, 85, 1-14. <https://web.archive.org/web/20221215192048id /https://www.academicoa.com/ILCPA.85.1.pdf>
15. Invitro antioxidant and antibacterial effect of Dodonaea Viscose linn, Annals of RSCB, 2021, 25(6), 17802-17809. <http://annalsofrscb.ro/index.php/journal/article/view/9143>
16. In vitro anticancer and anti inflammatory screening of Dodonaea viscosa Journal of Pharmaceutical Research International, 2021, 33(39B), 186-192. <file:///C:/Users/DELL/Downloads/sciencedomain,+Periyasamy3339B2021JPRI71434.pdf>

17. In-Vitro Hepatoprotective activity of hydro alcoholic extract of Dodonaea Viscose linn. Bulletin of Environment , Pharmacology and Life Sciences , 2022.
[https://bepls.com/special_issue\(1\)2022/111.pdf](https://bepls.com/special_issue(1)2022/111.pdf)
18. Investigation of Bioactive Phytocompounds of Trachyspermum ammi by Molecular docking, Design Engineering, 2021, 9, 10293-10306.
<https://scholar.google.com/scholar?cluster=18019786522098697251&hl=en&oi=scholar>
19. Antibacterial and In-vitro Anti oxidant Effect of Dodonaea viscosa leaves Journal of Pharmaceutical Research International, 2022, 34(33A), 57-63.
<http://geographical.go2journals.com/id/eprint/1342/1/6275-Article%20Text-8451-1-10-20221006.pdf>
20. Molecular Docking Analysis for the Identification of Bioactive Compounds Against Urolithiasis (Hyperoxaluria), Oriental Journal of Chemistry, 2022, 38(2), 336-342.
file:///C:/Users/DELL/Downloads/OJC_Vol38_No2_p_336-342.pdf
21. Kinetics And Mechanism Of The Oxidation Of Some Thioacids By Quinaldinium Chlorochromate, International Journal Of Scientific Research, 2022, 12(5).
[https://www.worldwidejournals.com/international-journal-of-scientific-research-\(IJSR\)/recent_issues_pdf/2023/May/kinetics-and-mechanism-of-the-oxidation-of-some-thioacids-by-quinaldinium-chlorochromate_May_2023_8617433548_2855549.pdf](https://www.worldwidejournals.com/international-journal-of-scientific-research-(IJSR)/recent_issues_pdf/2023/May/kinetics-and-mechanism-of-the-oxidation-of-some-thioacids-by-quinaldinium-chlorochromate_May_2023_8617433548_2855549.pdf)
22. In-Vitro Colon Cancer Activity of Distyrylketone on HT-29 Cell lines, European Chemical Bulletin, 2023, 12, 59-64
<https://mail.google.com/mail/u/0/#inbox/KtbxLthJfVlztjnlDmtJQBqMZHhqLfhHg?projector=1&messagePartId=0.1>
23. Green Synthesis of CopperOxide Nanoparticle from Dodonaea Viscosa Extract And Its Antibacterial Activity, European Chemical Bulletin, 2024, 13(4), 83-90.
<https://www.eurchembull.com/uploads/paper/54775cb5db9476af9c1adb2cf1ec099d.pdf>
24. Oxidation of tryptophan by Benzimidazolium dichromate, Results in chemistry, 2024, (8), 101550 (Elsevier) (Science Direct).
<https://www.sciencedirect.com/science/article/pii/S2211715624002467>

Organizing Seminars ,Workshop, Intercollegiate Meet and Programmes:

i) Organizing Secretary, Event coordinator , Chair person, Programme Organizer &convenor:

Convenor: 1

1. Acted as the **Convenor** for the programme on “**National Pollution Control Day**”, at Jamal Mohamed College (Autonomous) , Tiruchirappalli on 2nd December 2021.

Organizing Secretary: 04

1. 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.
2. 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 20th July 2023.
3. Acted as the **Organizing Secretary** in the “**JAM CHEM FEST-2024 (A State Level Intercollegiate Meet)** Organized by PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 13th February 2024.
4. Acted as the **Organizing Secretary** in **Chem Ads, Charade, Master, Presentation, Quiz, Rangoli, Sketch and Chem Talk** events in the “**JAM CHEM FEST-2024 (A State Level Intercollegiate Meet)** Organized by PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 13th February 2024.

Event Coordinator: 01

1. Acted as **Event Coordinator** as Part of **World Space week -2023** celebrations Organized by Satish Dhawan Space Centre , SHAR,ISRO, Sriharikota in association with Jamal Mohamed College (Autonomous), Tiruchirappalli from 6th to 8th October 2023.

Judge :01

1. Acted as the **Judge** in the **Chem Charade** event in the “**JAM CHEM FEST-2K23 (A National Level Intercollegiate Fest)** Organized by PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 14th March 2023

Chair person :01

1. Acted as the **Chair person** in the “**8th International Conference on Recent Advances in Chemical and Environmental Research (ICRACER -2023)**” organized by PG and Research Department of Chemistry, Jamal Mohamed College(Autonomous), Tiruchirappalli on 20th December 2023.

ii) Organizing Committee Member: 10

1. Acted as the Organizing Committee Member in the state level Intercollegiate Extravaganza “**Symphoria 17**” Organized by PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 31st January 2017.
2. Acted as the Organizing Committee Member in the state level Intercollegiate Extravaganza “**Symphoria 18**” Organized by PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 20th February 2018.
3. Acted as the Organizing Committee Member in the state level Intercollegiate Extravaganza “**Symphoria 19**” Organized by PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 13th February 2019.
4. Acted as the Organizing Committee Member in the state level Intercollegiate Extravaganza “**JAM CHEM FEST-2K20**” Organized by PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 27th February 2020.
5. Acted as the Organizing Committee Member in the 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.
6. Acted as the Organizing Committee Member in the state level Intercollegiate Extravaganza “**JAM CHEM FEST-2K22**” Organized by PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 27th February 2020.
7. Acted as the Organizing Committee Member in the state level Intercollegiate Extravaganza “**CHEM Fiesta 2023**” Organized by PG & Research Department of Chemistry(SF), Jamal Mohamed College (Autonomous), Tiruchirappalli on 27th February 2020.

8. Acted as the Organizing Committee Member in the National level Intercollegiate Fest “**JAM CHEM FEST-2K23**” Organized by PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 1st March 2023.
9. Acted as the Organizing Committee Member in the “**8th International Conference on Recent Advances in Chemical and Environmental Research (ICRACER -2023)**” organized by PG and Research Department of Chemistry, Jamal Mohamed College(Autonomous), Tiruchirappalli on 20th December 2023.
10. Acted as the Organizing Committee Member in the National level Intercollegiate Extravaganza in the “**Chem –Fiesta 2024**” Organized by PG & Research Department of Chemistry (SF), Jamal Mohamed College (Autonomous), Tiruchirappalli on 23rd January 2024.

iii) Organizing Programmes:126

1. Acted as the **Programme Organizer** in the **28 programmes** of the academic year 2020- 2021 in the part of Students’ ExNoRA of Jamal Mohamed college(Autonomous), Tiruchirappalli..
2. Acted as the **Programme Organizer** in the **27 programmes** of the academic year 2021-2022 in the part of Students’ ExNoRA of Jamal Mohamed college(Autonomous), Tiruchirappalli..
3. Acted as the **Programme Organizer** in the **26 programmes** of the academic year 2022-2023 in the part of Students’ ExNoRA of Jamal Mohamed college(Autonomous), Tiruchirappalli..
4. Acted as the **Programme Organizer** in the **45 programmes** of the academic year 2023-2024 in the part of Students’ ExNoRA of Jamal Mohamed college(Autonomous), Tiruchirappalli.

Paper Presentation in Conferences/Seminars: 12

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 Protectic 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 Madhuuca 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 VISCOSA" 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 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.
11. **Best Presented paper** entitled " Synthesis , characterization and cytotoxicity of N-benzylidene aniline on HT-29 cell line in the National Conference on Emerging Innovations in Chemistry(NCEIC-2023) organized by Department of chemistry, Paavendhar College of Arts & Science, Salem on 11th September 2023.

12. Presented paper entitled “ In-Vitro Colon Cancer HT-29 Cell line And Cervical Cancer Hela Cell line Activities of Dibenzalacetone” in the 8th International Conference on Recent Advances in Chemical and Environmental Research (ICRACER -2023) organized by PG and Research Department of Chemistry, Jamal Mohamed College(Autonomous), Tiruchirappalli on 20th December 2023.

Participation in Conferences/ Seminars: 18

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(Autonomous), Tiruchirappalli on 11th -12th , March , 2014.
11. Participated in the International Conference on Chemical and Environmental Research Jamal Mohamed college(Autonomous), Tiruchirappalli on 17th December , 2015
12. Participated in the International conference on chemical and Environmental Research (ICCER -2017) , Jamal Mohamed college(Autonomous), Tiruchirappalli,07th January 2017.
13. Actively Participated in the National Conference on Recent Developments in Chemistry (NCRDC – 2018), Jamal Mohamed college(Autonomous), Tiruchirappalli on 20th January 2018.

14. Attended the Seminar on The MHRD Draft proposal for Higher Education Commission of India (Repeal of UGC Act ,1956) Act 2018, Jamal Mohamed college(Autonomous), Tiruchirappalli on 14th July 2018.
15. Actively Participated in the International conference on chemical and Environmental Research (ICCER -2018) , Jamal Mohamed college(Autonomous), Tiruchirappalli on 19th December-2018.
16. Participated 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 Participated in the International conference on chemical and Environmental Research (ICCER -2020), Jamal Mohamed college(Autonomous), Tiruchirappalli on 8th January- 2020.

Workshop Attended:18

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

11. Participated in the Writing winnable Project Proposals, Jamal Mohamed college(Autonomous), Tiruchirappalli on 23rd June 2018.
12. Attended the UGC-CPE sponsored Two day Workshop on Professional Development for Academic leadership in curriculam Design, Jamal Mohamed college(Autonomous), Tiruchirappalli on 18th,19th January 2019.
13. Participated in the State level Intercollegiate Extravaganza Symphoria 2018 , Jamal Mohamed college(Autonomous), Tiruchirappalli on 13th February 2019.
14. Attended the Staff Enrichment Programme on ownership culture, Jamal Mohamed college(Autonomous), Tiruchirappalli on 14th June 2019.
15. Participated in the workshop on “quality enhancement of Research:New Paradigm inTrans – disciplinary approaches and IPR, Jamal Mohamed college(Autonomous), Tiruchirappalli on 06th September 2019.
16. Actively Participated in the State level Intercollegiate Extravaganza JAM CHEM FEST, Jamal Mohamed college(Autonomous), Tiruchirappalli on 27th February 2020.
17. Actively involved An International online workshop on materials science and computational methods” Jamal Mohamed college(Autonomous), Tiruchirappalli on 15th and 16th February 2022 .
18. Participated in A state Level Workshop on “ Production and Formulation of Bioinoculants” Jamal Mohamed college(Autonomous), Tiruchirappalli on 31st March 2022

Online Certification courses:01

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:09

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.
8. Actively participated in the Five days FDP on “Instrumentation of UV –Visible , FT-IR & FT-Raman Spectroscopy” jointly organized by PG & Research Department of chemistry, PG & Research Department of Physics and Jamal Instrumentation Centre, Jamal Mohamed college(Autonomous), Tiruchirappalli from 4th to 8th December 2023.
9. Actively participated in the Five day Faculty, Development Programme, jointly organized by PG & Research Department of chemistry, PG & Internal Quality Assurance Cell, Jamal Mohamed college(Autonomous), Tiruchirappalli from 5th to 9th June 2024

Online Participation in Conferences/ Seminars/ webinars: 11

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.
11. Participated in the Webinar on latest research in Biomedical Sciences organized by Educare, Taiwan on 16th February 2024.

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 2023
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.(2023-2024)
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 in
 - **UG Valuation Board**, Bharathidasan University, Tiruchirappalli
 - Jamal Mohamed College, Tiruchirappalli
 - Thanthai Periyar Govt. Arts and Science College, Tiruchirappalli
 - Bishop Heber College, Tiruchirappalli
3. UG & PG Board Question Setter in
 - Mahendra Arts and Science College , Salem
 - Government Arts and Science College , Coimbatore,
 - Thiyagarajar College Madurai.
 - Srimad Andavan College, Tiruchirappalli

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.

S. K. Periyasamy
[S.K.PERIYASAMY]

(Dr.S.K.Periyasamy)