

Jamal Mohamed College (Autonomous)

Accredited with A++ Grade by NAAC (4th cycle) with CGPA 3.69 out of 4.0

Affiliated to Bharathidasan University

Tiruchirappalli-620 020

Dr. H. MOHAMED KASIM SHEIT M.Sc., M.Phil., Ph.D.,

Assistant Professor

PG and Research Department of Chemistry (SF)

Jamal Mohamed College (Autonomous)

Tiruchirappalli – 620020, Tamil Nadu, India.

Mobile: +91-9944549348

Email: kasimchem1985@gmail.com, hkasim@jmc.edu



➤ PERSONAL DETAILS:

Date of Birth : 12-06-1985

Marital Status : Married

Nationality : Indian

Religion : Muslim

Gender : Male

Employee id : JMCMTS0160

Residential : 34 A, New Pandiyan Street, Subramaniyapuram,
Trichy- 620 020, Tamil Nadu, India.

➤ EDUCATIONAL QUALIFICATION:

S. No	Examination Passed	College/University	Year of Passing
1.	Ph.D(Chemistry)	Jamal Mohamed College, (Bharathidasan University), Trichy.	2018 Commended
2.	M.Phil (Chemistry)	Jamal Mohamed College, (Bharathidasan University), Trichy.	2009 (83.5%)
3.	M.Sc. (Chemistry)	Jamal Mohamed College, (Bharathidasan University), Trichy.	2008 (75.68%)
4.	B.Sc. (Chemistry)	Jamal Mohamed College, (Bharathidasan University), Trichy.	2006 (65%)

➤ TEACHING EXPERIENCE:

S. No	Name of the Institution	Period	Experience
1.	Jamal Mohamed College (Autonomous) (Affiliated to Bharathidasan University) Trichy.	July 2016- Till date	8 years
2.	Institute of Road and Transport Technology (Affiliated to Anna University) Erode.	June 2011- June 2016	5 years
3.	Srinivasan College of Arts and Science (Affiliated to Bharathidasan University) Perambalur.	September 2009 –May -2011	2 years

➤ SKILLS:

- Self-motivated, Driven and hardworking, Team work and coordination, working without any time constrain
- Software Proficiency - Chemdraw, Chems sketch, Origin, MS Office, Mendeley.

➤ LANGUAGES:

- Tamil & English

➤ RESEARCH AREA:

- Corrosion Inhibitors
- Nano Synthesis
- Inorganic Chemistry
- Organic synthesis

➤ RESEARCH IDENTITY:

- ORCID ID : <https://orcid.org/0000-0003-2060-316X>
- Google scholar ID : <https://scholar.google.com/citations?user=O-yksCsAAAAJ&hl=en&oi=ao>
- Research Gate ID : <https://www.researchgate.net/profile/Hmohamed-Kasim-Sheit>
- Scopus ID : <https://www.scopus.com/authid/detail.uri?authorId=57947637400>

➤ RESEARCH ADVISORSHIP:

Research advisor for Ph.D., Programme in Bharathidasan University

- [Ref No. 017221/Ph.D./K12/Chemistry/R.A/12.07.2024]

➤ PROJECT DETAILS:

Degree	Awarded	Pursuing		Academic Year
M.Sc.	40	5		2016-2024
Ph.D.	-	Full Time	Part Time	2024-2025
		-	02	

- **Research Projects:** SEED Money Project Received by JIIC – Jamal Innovation and Incubation Center, Jamal Mohamed College, Tiruchirappalli, during (2021-2022).
Title of the Project: “Anti-Corrosive Study of Salvadora Persica powder on orthodontic wire in the presence of Artificial Saliva”

➤ DETAILS OF PUBLICATIONS:

- **Results in Surfaces and Interfaces, (Elsevier), 100416, (2025).**
Title: The Deep Investigation of Structural and Electrochemical Analysis on the Anti-Corrosion Behavior of MgCo₂O₄ and ZnCo₂O₄ Spinel Nanoparticles in Acid Medium.
- **Journal of Molecular Structure, (Elsevier), 1319, 139391, (2025).**
Title: Assessing the anti-corrosive properties of 2, 6-bis-furan-2ylmethylene-cyclohexanone as a carbon steel inhibitor in 0.5 M HCl solution.
- **Rasayan Journal of Chemistry, (Elsevier), 18(1), 556-563 (2025)**
Title: Studies on Growth, Spectral, Optical, Thermal, and Mechanical Properties of Sodium Sulphate Tartrate (SST) Single Crystal for Nonlinear Optical Applications
- **Discover Electrochemistry, (Springer), 1, 1-13, (2024).**
Title: Corrosion inhibition potential of aqueous extract of Trifolium repens plant leaves on carbon steel in hydrochloric acid medium (TRPL)
- **Results in Chemistry, (Elsevier), 101894, (2024).**
Title: Anti-corrosive efficiency of salvadora persica plant stick powder on SS 316L Orthodontic wire in artificial saliva.
- **Optical Materials, (Elsevier), 156, 116005, (2024).**
Title: Investigations on structural, morphological and UV light detection characteristics in p-ZrO₂/n-Si Heterostructure based devices.
- **Inorganic Chemistry Communications (Elsevier), 168, 112995, (2024).**
Title: Synthesis and Spectroscopic Investigation of N-(Morpholinofurfuryl) Maleimide and its Copper (II) Complex uses in Biological Applications
- **Desalination and Water Treatment, (Elsevier), 100624, (2024).**
Title: Microwave-assisted one- pot synthesis of carbon dots from biomass: Fe (III) ion sensing and in- situ methylene blue reduction catalytic activity.
- **High Temperature Corrosion of Materials, (Springer) 100521, 1-17, (2024).**
Title: Anti- corrosive Efficiency of Expired Propranolol Drug as a Corrosion Inhibitor on Mild Steel in Acid Medium.

- **Chemical Physics Impact, (Elsevier), 8, 100521, 1-9, (2024).**
Title: Investigation on the corrosion inhibition efficiency of 2, 4-diphenyl-3-aza bicyclo [3.3.1] nonan-9-one in carbon steel immersed in acidic media.
- **MDPI, Materials, (Scopus), 17(751), 1- 18, (2024).**
Title: Experimental studies on the effect of Expired Amiodarone Drug (EAD) as a Corrosion Inhibitor on mild steel in 1 M HCl.
- **Portugaliae Electrochimica Acta, (Scopus) 43, 37-54, (2024).**
Title: Corrosion Resistance Properties of Expired Granisetron Drug as an Inhibitor for Mild Steel in 1M HCl.
- **Zeitschrift für Physikalische Chemie, (Scopus), 4, 0410, (2024).**
Title: anti-corrosive efficiency of nickel oxide nanoparticles synthesized through green route.
- **Zastita Materijala, (Scopus), 64, 452-467, (2023).**
Title: Anti-corrosion properties of expired ropinirole (ERN System) drug as inhibitor for mild steel in 1M HCl.
- **Results in Surfaces and Interfaces (Elsevier), 12, 100143, (2023).**
Title: Investigations on the effect of 2-[(furan-3ylmethylene)-amino]-benzene thiol on corrosion in carbon steel.
- **Journal of Bio- and Tribo –Corrosion, (Springer) 8, 103, (2022).**
Title: Anti-Corrosive Efficiency of Mild Steel in Sodium Chloride Solution Using 5-Acetyl-3-Phenyl-2, 6-Dipyridin-2-Yl tetra-Hydropyrimidin-4(1H)-1Compound as an Inhibitor.
- **Bulletin of Environment, Pharmacology and Life Sciences. (WOS), 1, 549-556, (2022).**
Title: Anti-corrosive effect of tablets on ni-ti alloy in presence artificial saliva.
- **International Journal of Research, (Scopus), 7(6), 156-183, (2020).**
Title: Corrosion inhibition of mild steel in sodium chloride solution by Glutaric acid
- **Aegaeum Journal, 8(6), 1311-1317, (2020).**
Title: Inhibition Action of Corrosion on Ni- Ti Alloy with Artificial Saliva In The Presence of Three Different Tablets.

- **International Journal of basic and applied research, (Scopus), 9(2), 438-450, (2019).**
Title: Abrus precatorius leaf aqueous extract as a Corrosion inhibitor on Mild steel in 1.0 M HCl solution.
- **International Journal of Scientific Engineering and Applied Science, 4(3), 1-9 (2017).**
Title: Electrochemical behavior of 22 carat gold with artificial saliva in presence of Aceclofenac 100mg tablet.
- **Innovations in corrosion and materials science, 2(7), 1(2017).**
Title: Electrochemical behavior of 18carat gold with artificial saliva in Presence of Ciprofloxacin and Nimesulide tablets.
- **International Journal of Nano Corrosion Science and Engineering, 4(1) 55-64, (2017).**
Title: Corrosion behavior of 18carat gold with artificial saliva in presence of Brufen 400 mg tablet.
- **Asian Journal of Biochemical and Pharmaceutical Research (SJIF), 1(7) 43-49. (2017).**
Title: Influence of Aceclofenac 100 mg on Corrosion Resistance of SS316L Immersed in Artificial Saliva.
- **International Journal of Nano Corrosion Science and Engineering, 3(2), 18, (2016).**
Title: Influence of Ciprofloxacin on Corrosion Resistance of SS316 L in Artificial Saliva.
- **World Journal of Pharmaceutical Research, (Copernicus), 4(2)1-5, (2015).**
Title: Synthesis, Characterization and antimicrobial Studies of 7-Ethyl-2, 4-Bis (4-Methoxy-Phenyl)-3- Aza-Bicyclo [3.3. 1] Nonan-9-One.

➤ **REVIEWER:**

- Scientific Reports (Springer)
- Journal of Inorganic and Organometallic Polymers and Materials(Springer)
- Colloid and Surface Science (Scopus)
- American Journal of Applied Chemistry (Scopus)

➤ DETAILS OF COPYRIGHT

- **Title:** Novel composition for improved delivery of Drugs with poor aqueous solubility. DiaryNo.20013 - (2022).

➤ DETAILS OF PATENTS:

- **Title:** Microwave assisted one pot method for synthesizing fluorescent carbon dots from chayote seeds - **India(DocketNo:24032)**
- **Title:** Solar Powered Air Pollution Indicator- **India (Design number -411067-001)**
- **Title:** Nanotechnology based Oral Health Monitoring Device- **United Kingdom (Design number 6354323)**
- **Title:** High-Performance Thin-Layer Chromatography (HPTLC) for Analysis of Chemical compounds- **India (Design number -411067-001)**

➤ DETAILS OF FULL BOOK/ CHAPTER:

- **Full book in Inorganic Chemistry (Edition First) ISBN "978-81-971612-3-0"**
- **Book Chapter in Environment and sustainable development ISBN "978-81-963506-0 4":**
Title: Assessment of corrosion inhibition ability of an aqueous extract of baccaurea ramiflora plant Leaves on mild steel immersed in 1M hydrochloric acid.
- **Book Chapter in Recent Development in Chemical Science ISBN "978-81-963506-2-8":**
Title: Corrosion Behaviour of SS316 L Metal in artificial Saliva in Existence of Eldoper 2mg tablet.

➤ ACADEMIC RESPONSIBILITIES:

- Served as Curriculum Development Cell member of Department of Chemistry in Jamal Mohamed College (Autonomous) Tiruchirappalli, from 2023 to till date.
- Acted as Web-In charge member of Department of Chemistry in Jamal Mohamed College (Autonomous) Tiruchirappalli from 2019 to till date.
- Served as Member of Students Monitoring Committee Jamal Mohamed College (Autonomous), Tiruchirappalli, from 2017 to till date.
- Board of Studies (Member) PG and Research Department of Chemistry Jamal Mohamed College (Autonomous) Tiruchirappalli.
- Handled Moral Instruction classes for various department men students in Jamal Mohamed College, Tiruchirappalli, from 2018 to2023.
- Tutor in charge Postgraduate Men Students (2023-2025) Department of Chemistry, Jamal Mohamed College (Autonomous) Tiruchirappalli

- Acted as in-charge in the Department Store – Keeping (2016-2022).
- Member of question setting and valuation board in Jamal Mohamed College (Autonomous) Tiruchirappalli and Bharathidasan University, Tiruchirappalli
- Acted as Internal and External Examiner for Bharathidasan University Practical Examinations in various Colleges.
- Acted as Evaluator for Central Valuation for Bharathidasan University, Trichy conducted in Jamal Mohamed College (Autonomous) Tiruchirappalli from 2016-till date.
- In-charge, Preparation of Department timetable in Institute of Road and Transport Technology 2012 – 2016.
- Acted as Examiner for Anna University Chennai central Valuation.
- Acted as Assistant Examiner for Anna University Chennai central Valuation.
- Acted as Internal and External Examiner for Anna University Practical Examinations.
- Served as Exam Cell Member in Srinivasan College of Arts and Science, Perambalur from 2010-2011.
- Served as Hostel Sub-Warden in Srinivasan College of Arts and Science, Perambalur from 2010-2011.

➤ SWAYAM / NPTEL / OTHERS/ONLINE COURSE COMPLETED:

- Online refresher courses for “Higher Education in Chemistry”
- Industrial Inorganic Chemistry
- Online refresher courses for “Organic Chemistry IV”
- National education Policy-2020 Professional Development Programme
- Refresher course on Selective topics in organic chemistry phase – IV
- National Orientation and Sensitization Programme

➤ DETAILS OF THE PAPER PRESENTED:

- Presented a research paper entitled “**Zirconium Dioxide Nanoparticles: A Novel Approach To Mild Steel Corrosion Prevention**” (ICRACER-2024), PG and Research Department of Chemistry, Jamal Mohamed College(Autonomous), Trichy, on 18.12.2024
- Presented a research paper entitled “**Mitigation of corrosion inhibition efficiency of 2, 4 diphenyl -3- azabicyclo [3.3.1.] Nonan-9- one in carbon steel immersed in 1M HCl**” **Innovation** in Materials Science (ICIMS-2024), Department of Physics, Aditanar College of Arts and Science, Tiruchendur, on 2nd August 2024.

- Presented a research Paper entitled **“corrosion inhibition efficiency of aconitum heterophyllum plant extract as an inhibitor on mild steel in 1M H₂SO₄”** (ICFMSE-24), Department of Chemistry, Sengunthar Engineering College, Erode, on 25th–26th July 2024.
- Presented a paper entitled Electrochemical study of Ni-Ti alloy in Artificial Saliva in presence of Two tablets, 3rd Virtual International Conference on Advances in Food and Agricultural Science and Technology, organized online by Chemical Science Review and Letters, Salem, India. held on 29th and 30th June 2024,
- Presented a paper on “3rd International Conference on Biotechnological Approaches for global Environmental Problems (ICBAGEP-2024) organized by PG and Research Department of Biotechnology, Jamal Mohamed College (Autonomous), Tiruchirappalli. on 2nd February 2024.
- Presented a research paper entitled **“Anti-Corrosive Efficiency of Organic Compound as an inhibitor for Corrosion of Mild Steel in Acid Medium”** International Conference on Recent Advances in Chemical and Environmental Research, (ICRACER-2023) held at PG& Research Department of Chemistry, Jamal Mohamed College (Autonomous), Trichy on 12th December 2023.
- Presented a research Paper entitled **“Green Synthesis of Carbon Dots Using Bio Precursor by Microwave Irradiation Method”** National Conference on Recent Trends in Chemistry of Materials (NCFMST- 2023) held at Bannari Amman Institute of Technology, Sathyamangalam, and Erode on 5th & 6th October 2023.
- Presented a research Paper entitled **“Electrochemical Study of Ni –Ti Alloy with Artificial Saliva in Presence of Dolo 650 Mg, Zinetac 150 Mg and Glycomet 500 Mg Tablets”** International Conference on Emerging Trends in Materials for Energy & Biological Applications (ICEMEBA-2020), held at M. Kumarasamy College of Engineering, Karur. on 7th March 2020.
- Presented a research paper entitled **“Corrosion Resistance of SS18/8 in Artificial Saliva in Presence of Three Tablets”** International Conference on Emerging Trends in Materials for Energy & Biological Applications (ICEMEBA-2020), held at M. Kumarasamy College of Engineering Karur, on 7th March 2020.

- Presented a research paper entitled **“Corrosion Resistance of SS316L in Artificial Saliva in presence of Nimesulide 100mg Tablet”** in A state level seminar on Emerging Trends in Chemical Sciences at GTN Arts College, Dindigul on 18th October 2019.
- Presented a paper entitled **“Corrosion Behaviour of Ni – Ti Alloy in Artificial Saliva in Presence of Aceclofenac 100 Mg and Ciprofloxacin 500 Mg Tablets”** in the National Conference on Recent Trends in Chemistry of Materials (NCRTCM-2019) held at Bannari Amman Institute of Technology, Sathyamangalam, Erode on 11th & 12th October-2019.
- Presented a paper entitled **“Corrosion Resistance of Ni–Cr Alloy in Artificial Saliva in Presence of Aceclofenac 100 Mg and Ciprofloxacin 500 Mg Tablet”** in the International conference on chemical and environmental research (ICCER- 2018)” held at Jamal Mohamed College (Autonomous), Trichy, on 19th December-2018.
- Presented a paper entitled **“Corrosion Resistance of Ni – Cr Alloy with Artificial Saliva in Presence of Deriphyllin Retard 150 Mg and Mg Tablets”** in the National Conference on Recent Developments in Chemistry (NCRDC-2018) held at Jamal Mohamed College (Autonomous), Trichy, on 20th January-2018.
- Presented a research paper entitled **“Corrosion behavior of SS18/8 with artificial saliva in presence of Deriphyllin Retard 150 mg and Nimsulide 100 mg tablets”** in the International Conference on Frontiers in Advanced Materials and their Applications at Bishop Heber College (Autonomous) on 9th January-2018.
- Presented a paper entitled **“Corrosion resistance of SS 316 L in artificial saliva in presence of Brufen 400 mg tablet “**in the International seminar on New perspectives in Science and Technology (INPST-2017) held at ST. Antony’s College (Arts and Science for Women, Dindigul, on 11th October-2017.
- Presented a research Paper entitled **“Corrosion resistance Ni-Ti Alloy with Artificial Saliva in Presence of Nurokind tablet”** in the National Seminar on Modern Trends in Chemistry at Sengamala Thayar Educational Trust’s Women’s College, Mannargudi, on 20th December-2017.
- Presented a paper entitled **“Corrosion behavior of SS18/8 with artificial saliva in presence of aceclofenac 100 mg tablet “**in the National level seminar on Frontier areas in the Chemical Sciences (FACS-2017)” held at VHNSN College (Autonomous), Virudhunagar, on 17th June -2017.

- Presented a research paper entitled **“Corrosion behavior of SS316L with Artificial Saliva in presence of nurokind tablet”** in the National Conference on Biomaterials in Chemistry (BMC2017) at Madurai Kamaraj University, Madurai, on 12-13th April-2017.
- Presented a paper entitled **“Corrosion resistance of 22 carat gold in artificial saliva in presence of Brufen 400 mg tablet “**in the International conference on recent advances in the material Chemistry (ICRAMC - 2017)” held at SRM University, Kattankulathur, Chennai, on 15th –17th February-2017.
- Presented a paper entitled **“Electrochemical study of 18 carat gold with artificial saliva in presence of aceclofenac 100 mg tablet “**in the International conference on chemical and environmental research (ICCER-2017) held at Jamal Mohamed College (Autonomous), Trichy, on 7th January-2017.
- Presented a paper entitled **“Corrosion resistance of 18 carat gold with artificial saliva in presence of Neuro Kind tablet “**in the National conference on computational and experimental physics of functional materials (NCCEPFM- 2016)” held at KSR College of Arts and Science, Tiruchengode, on 16th & 17th December-2016.

➤ **DETAILS OF FDPs PARTICIPATED:**

- Participated in the Seven-Day online Faculty Development Programme, organized by Kongunadu College of Engineering and Technology (Autonomous), Trichy, held on 26.08.2024
- Participated in the Seven-Day online Faculty Development Programme **“Essential Skills for Professional Development in Higher Education”** organized by Star International Foundation for Research and Education, from 01.07.2024 to 07.07.2024.
- Participated in the A Five-Day Faculty Development Programme organized by Department of Chemistry and Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli from 05.06.2024 to 09.06.2024.
- Participated in the five days Faculty Development Program on **Road map for Intellectual Property Rights**, organized by Organized by the IPR cell, Jamal Mohamed College (Autonomous), Tiruchirappalli held on 8.01.2024 to 12.01.2024.

- Participated in the A Five-Day Faculty Development Programmed on **Instrumentation of UV-Visible, FT-IR & FT-Raman Spectroscopy** organized by Organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), held on 04.12.2023 to 08.12.2023.
- Participated in the six days Faculty Development Program, on **“Emerging Innovations in Chemistry and Chemical Technology (EICCT-2023)**. organized by Organized by the Arasu Engineering College, Kumbakonam held on 11.09.2023 to 16.09.2023.
- Participated in the five days Faculty Development Program, organized by Organized by the IQAC, Jamal Mohamed College (Autonomous), Tiruchirappalli Held on 05.06.2023 to 09.06.2023.
- Participated in the one-day Faculty Development Program, organized by Organized by the PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli held on 08.02.2023
- Participated in the one-day Faculty Development Program, organized by Organized by the PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli held on 24.01.2023.
- Participated in the one-day Faculty Development Program, organized by Organized by the IQAC, Jamal Mohamed College(Autonomous), Tiruchirappalli. held on 21.01.2023.
- Participated Faculty Enrichment Programme on **“Art of Writing Indexed Journal Publication”**, organized by Department of Library Association with IQAC Cell, Jamal Mohamed College (Autonomous)Tiruchirappalli, held on 28.07.2021.
- Participated in the five days **“Faculty Enrichment Programme,” Organized** by the IQAC, Jamal Mohamed College (Autonomous), Tiruchirappalli on 21.06.2021 to 25.06.20212021.
- Participated in the Four Days National Level Faculty Development Programme on **“Chemistry in an Era of Change”**, organized by Department of Chemistry, K. Ramakrishna College of Engineering, Samayapuram, Trichy held on 13.07.2020 to 16.07.2020.

- Participated in the seven Days Online Faculty Development Programme on **“Challenges in Cybercrime & Enforcement of Cyber”**, organized by Department of Computer Science and Engineering in association with Technical Partners CSI, Co DEF and NCDRC, Dr. M. G. R. Educational and Research Institute (Deemed to be University), Maduravoyal, Chennai, 06.07.2020 to 12.07.2020.
- Participated in the Three Days Faculty Development Programme on **“Journey of Nanomaterials for Intense Applications”**, organized by Department of Chemistry Kongu Engineering College, Perundurai, held on 07.07.2020 to 09.07.2020.
- Participated in the five days Faculty Development Programme on **“E-Content Programme”**, Organized by the IQAC, Jamal Mohamed College(Autonomous), Tiruchirappalli held on 30.06.2020 to 04.07.2020.
- Participated in the three days Faculty Development Programme on **“Machine Learning and Artificial Intelligence”**, Computer Society of India, and Kanchipuram Chapter held on 25.06.2020 to 27.06.2020.
- Participation in the two Days Faculty Development Programme on **“Digital Class room”**, conducted under DBT star College Scheme by the PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous) Tiruchirappalli held on 23.06.2020 to 24.06.2020.
- Participated in the one-day Faculty Development Programme on **“Funding Opportunities for Research Projects”**, conducted by the IQAC, Periyar E.V.R. College (Autonomous), Tiruchirappalli on 24.06.2020.
- Participated in the five days Faculty Development Programme on **“Advancements in Science and Its Applications in Engineering”**, organized by Department of Science and Humanities, Hyderabad Institute of Technology & Management, Medchal, Hyderabad, and Telangana State, India 22.06.2020 to 26.06.2020.
- Participation in the five days International Faculty Development Programme on **“Advanced Materials for Sustainable Development”**, organized by Department of Science and Humanities, Dr. N. G.P. Institute of Technology, Coimbatore, held on 15.06.2020 to 19.06.2020.

- Participated in three days the Faculty Development Programme on **“Research Capacity Building”**, under UGC scheme, STRIDE Component 1, organized by V.O. Chidambaram College, Thoothukudi 15.06.2020 to 17.06.2020.
- Participated in the seven Days Faculty Development Programme on **“Institutional Benchmarking of Best Practices”**, organized by 10 premier Institutes of India, Hosted by Dynan Prabodhini Mandal’s, Shree Mallikarjun & Shri.Chetan Manju Desai College, Cinchona 08.06.2020 to 14.06.2020.
- Participated in the National Level E – Faculty Development Programme on **“Road Map to Get a Quality Patent”** organized by the Department of Electrical and Electronics Engineering, AMET Deemed to be University, held on 13.06.2020.
- Participated in the one-day Online Faculty Development Programme on **“Funding Schemes and Patenting Scientific Innovations”**, organized by the IQAC and PG & Research Department of Chemistry, Government Arts College, Trichy held on 13.06.2020.
- Participated in the National Level E – Faculty Development Programme on **“Teacher the Ultimate & New Challenges in International Trade”** organized by the Department of Management Studies (MBA), Dhanalakshmi Srinivasan Engineering College, Perambalur, held on 12.06.2020.
- Participated in the five Days National Level Faculty Development Programme on **“Creating Tech-Savvy Teachers for Future Classrooms”**, organized by St. Teresa’s Institute of Education, Santa Cruz, Mumbai, India, in collaboration with Edfly 06.06.2020 to 10.06.2020.
- Participated in the five days Online Faculty Development Programme on **“Advanced Materials and Their Applications”**, organized by the PG & Research Department of Chemistry, Auxillium College, Vellore, held on 02.06.2020 to 06.06.2020.
- Participated in the three Days Faculty Development Programme on **“Advanced Molecular Chemistry”**, organized by PG& Research Department of Chemistry, Arulmigu Palani andavar College of Arts & Culture, Palani held on 01.06.2020 03.06.2020.

- Participated in the National Level Online Faculty Development Programme on “**Effective Usage of ICT Tools for Smart Teaching**”, organized by Jayaraj Anna packiam College for Women, Periyakulam, and held on 9.05.2020 to 14.05.2020.
- Participated in the two Days National Level FDP Program, “**Faculty Development Program 2.0**”, organized by North Storm Academy Presents, held on 13.05.2020 and 14.05.2020
- Participated in the four days online Faculty Development Program on “**Research, Funding Projects & IPR**” jointly organized by IQAC, R & D cell & Department of Electronics & Telecommunication under the banner of IETE and Institution’s Innovation Council (IIC) of K.C. College of Engineering and Management Studies and Research, Thane, From 7.05.2020 to 10.05.2020.
- Participated in the two days National Level Online Faculty Development Programme on “**Digital Tools for Smart Classrooms in Higher Education**”, organized by Jayaraj Anna packiam College for Women, Periyakulam, held on 06.05.2020 to 7.05.2020.
- Participated in the seven-day Faculty Development Programme, “**G chem Paint and Libre office Suite Writer**” organized by Department of Chemistry, D.K.M. College for Women, Vellore, held on 04.05.2020 to 10.05.2020.
- Participated in the one-day Faculty Development Program, “**Chemistry behind MRI Contrast Agent**”, organized by Department of Chemistry, Cauvery College for women, Trichy, held on 4.05.2020.
- Participated in the one-day Faculty Development Program “**Outcome Based Education**” Organized by in pods Education Teach, on 01.05.2020.

➤ **Details of /Conferences/ Workshops / Webinar Participated:**

- Participated in the one day National Seminar on National Seminar on Vaccinology, PG & Research Department of Zoology, Jamal Mohamed College (Autonomous), Trichy, held on 09.12.2024
- Participated in the workshop on Next-Gen Research Tools, SRM Institute of Science and Technology, Ramapuram, Chennai, held on 03.12.2024 to 07.12.2024

- Participated in the National Intellectual Property Awareness Mission, Intellectual Property office, India held on 06.08.2024
- Participated in the DST-FIST Sponsored One-Day Workshop on “Raman Spectrometer Techniques” Holy Cross College (Autonomous), Tiruchirappalli, held on 16.07.2024.
- Participated webinar on “Nano-Big Miracles with Small Particles”, organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous) Tiruchirappalli, held on 13.08.2021.
- Participated webinar on “Emerging Materials for Solar Hydrogen Production”, organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous) Tiruchirappalli, held on 27.07.2021.
- Participated in the Two Days International Virtual Conference on “Emerging Trends in Nanoscience and Nanotechnology” (ICETNN - 2021), organized by the college of Engineering and Technology, Srinivas University, Mangaluru, held on 06.08.2021 & 07.08.2021.
- Participated in the International Virtual Conference on “Innovative Strategies in Chemical Science and Technologies (ISCST2020)”, organized by the Department of Chemistry, Bhaktavatsalam Memorial College for Women, and Chennai, held on 27.06.2020 & 28.06.2020.
- Participated in the two days International Level Web Conference on “Smart Engineering Technologies 2020 (IWCSET - 2020), organized by Ramco Institute of Technology, Rajapalayam, held on 26.06.2020 & 27.06.2020.
- Participated in the “Research Workshop”, organized by Birds (Bell Institute of Research and Development Studies), held on 25.06.2020 to 29.06.2020.
- Participated in the six Days “Virtual Organic Chemistry Lecture Series”, organized by the Department of Chemistry, Sathyabama Institute of Science and Technology, Chennai, held on 22.06.2020 to 27.06.2020.
- Participated in the three days National Level “E Workshop on “Analytical Instruments”, organized by the Department of Chemistry & IQAC of C. V.

- Raman University, Kargi Road Kota, and Bilaspur (C.G) held on 15.06.2020 to 17.06.2020.
- Participated in the International Faculty Development Workshop on “E-Learning and Tools for Effective Teaching and Learning” organized by Jnan Vikas Mandal’s Degree College, Airolin Collaboration with Edfly held on 29.05.2020.
- Participated in the online training program on “E – Learning Through Power Point Presentation” conducted by Department of Chemistry, Vivekananda College of Arts and Science for Women(Autonomous), Tiruchengode, held on 26.05.2020.
- Participated in the two days International Level Web Conference on “New Pathways in chemistry” organized by the Department of Chemistry of N.G. Acharya &D.K. Marathe College of Arts, Science &Commerce, held on 23.05.2020 &24.05.2020.
- Participated in the State level online “Infograph Making Competition 2020” organized by the Department of Chemistry, Shri Vyankatesh Arts, Commerce & Science College, Deulgaon Raja Dist. Buldana, Maharashtra, held on 08.05.2020.
- Participated in the “Chemdraw Online Workshop for Skill Development & Career Advancement”, organized by Genes in of Educational Impressions, Roorkee, Uttara hand, India, held on 05.05.2020.
- Participated in the two days’ online course on “Elemental Arts: Evolution of Modern Periodic Table”, Organized by Department of Science and Humanities (Chemistry), Sri Krishna College of Engineering and Technology, Coimbatore, held 01.05.2020 &02.05.2020.
- Participated in the “Moodle Learning Management System Training” Organized by Vidyavardhini College of Engineering and Technology, Spoken Tutorial Project, IIT Bombay, held on 27.04.2020 to 02.05.2020.

- Participated in the 3 Days International Online Workshop on “The Role of Language And Researcher”, organized by the Department of English, Immaculate College for Women, Viriyur, held on 27.04.2020 to 29.04.2020.
- Participated in the 2 days online course on “House hold Electrical Devices & Appliances” Organized by Department Physics, AVS College of Arts & Science, Salem, held on 20.04.2020 & 21.04.2020.
- Participated in the three days’ online course on “Basic Principles of Spectroscopy” Organized by Department of Chemistry, AVS College of Arts & Science, Salem, held on 17.04.2020 & 19.04.2020.
- Participated in the two days’ online course on “Medical Laboratory Techniques” Organized by Department of Microbiology & Biotechnology, AVS College of Arts & Science, Salem, held on 16.04.2020 & 17.04.2020.
- Participated in the One-day seminar on “Recent Advances in Chemical Sciences” (RACS-2020), Organized by the PG & Research Department of Chemistry, Urumu Dhanalakshmi College, Tiruchirappalli, held on 02.03.2020.
- Participated Jury a One Day “NATIONAL SCIENCE DAY” Organized by, Jamal Mohamed College (Autonomous), Tiruchirappalli, held on 28.02.2020.
- Participated a One Day State level “JAM CHEM FEST-2020” Organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli, held on 27.02.2020.
- Participated in the “Orientation Programme on MOOC’s and e-Learning”, Organized by the Department of Library, Jamal Mohamed (Autonomous) College, Tiruchirappalli, held on 29.01.2020.
- Participated in the “International Conference on Chemical and Environmental Research (ICCER-2020), conducted by the PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli, held on 20.01.2020.

- Participated in the Staff enrichment programme on ownership culture, organized by the IQAC cell, Jamal Mohamed College, Trichy on 14.06.2019.
- Participated a One Day State level Symphoria-19 Organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli held on 13.02.2019.
- Participated in the UGC CPE sponsored two days' workshop on Professional Development for Academic Leadership in Curriculum Design organized by Curriculum Development cell, Jamal Mohamed College, Trichy on 18.01.2019 and 19.01.2019.
- Participated in the Improving teaching practices—a strategic approach, organized by the IQAC cell, Jamal Mohamed College, Trichy on 23.06.2018.
- Participated a One-Day Orientation Programme on Soft Skills Development Organized by Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli on 22.06.2018.
- Participated a One Day State level Symphoria-18 Organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli, held on 20.02.2018.
- Participated in the three days NLP based Faculty Empowerment Programme organized by the IQAC cell, Jamal Mohamed College, Trichy on 17.06.2017 to 20.06.2017.
- Participated a One Day State level Symphoria-17 Organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli held on 31.01.2017.
- Participated in the state level workshop on “Organic farming production” (An Entrepreneurship Programme) organized by PG and Research Department of Microbiology, Jamal Mohamed College(Autonomous), Tiruchirappalli held on 27.01.2017 and 28.01.2017.

Tiruchirappalli-20

(H. MOHAMED KASIM SHEIT)