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<b>Qualification</b>	<b>M.Sc., M.Phil., SET.</b>
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### Seminars/Workshops/FDP/Conference/ Webinars

<b>Date</b>	<b>Paper Presented/ Participated</b>	<b>Title of the Paper</b>	<b>Organized By</b>	<b>Title of Workshop/ Seminar/ FDP/Conference/ Webinars</b>	<b>Type</b>
27/08/2024 to 29/08/2024	Participated	-	In Silico Modelling Approach for Pharmaceutical Sciences	Marian Star Centre & Department of Chemistry, St. Mary's College (Autonomous), Thoothukudi	FDP
20/08/2024	Participated	-	Elevate your Research: Author and Editor Insights for Publishing in a Reputed Journal	Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi	State Level Workshop
29/07/2024 to 02/08/2024	Participated	-	Exploring New Frontiers in Teaching Tools, AI and Data Analytics	MEASI Institute of Information Technology, Royapettah, Chennai	International Virtual FDP
08/07/2024 to 12/07/2024	Participated	-	School of Education & Dept. of IT , VELS Institute of Science , Technology & Advanced Studies, Chennai	Creative Classroom Techniques	International Online FDP

01/07/2024 to 12/08/2024	Participated (A Grade)	-	NEP 2020 Orientation & Sensitization Programme	UGC-Malaviya Mission Teacher Training Centre (UGC- MMTTC), Bharathidasan University, Thiruchirappalli	Orientation & Sensitization Programme
03/06/2024 to 07/06/2024	Participated	-	Pedagogical Sciences, Tamil Nadu Teachers Education University & Academic Staff College & Faculty of Education, Dr. M.G.R Educational and Research Institute, Chennai.	Embracing Sustainability as Opportunity	International Online FDP
06/04/2024	Participated	-	Internal Quality Assurance Cell (IQAC), St. Xavier's College (Autonomous), Palayamkottai & Xavier Board of Higher Education, Tamil Nadu Chapter	AI - Tools for Teaching and Learning	Online Training Programme
14/12/2023 and 15/12/2023	<b>Presented (Oral)</b>	Antimicrobial Studies and characterization s of green synthesized hydrogels from <i>Linum usitatissimum</i> and <i>Prunus amygdalus</i>	PG & Research Department of Chemistry, V.O.Chidambaram College, Thoothukudi	Advanced Materials and Their Applications 2023 (ICAMA'23)	International Conference
14/12/2023 and 15/12/2023	<b>Presented (Poster)</b>	Synthesis of mesoporous silica nanoparticles and its vibrational and structural studies.	PG & Research Department of Chemistry, V.O.Chidambaram College, Thoothukudi	Advanced Materials and Their Applications 2023 (ICAMA'23)	International Conference

14/12/2023 and 15/12/2023	<b>Presented (Poster)</b>	Green synthesised mesoporous silica nanoparticles from the husk of <i>Zea mays</i> and its characterization	PG & Research Department of Chemistry, V.O.Chidambaram College, Thoothukudi	Advanced Materials and Their Applications 2023 (ICAMA'23)	International Conference
26/09/2023	Participated	-	Department of Chemistry, St. Xavier's College (Autonomous), Payamkottai	Recent Advances in Chemical Sciences (ICRACS - 23)	International Conference
07/09/2023	Participated	-	Library Committee and Institution's Innovation Council, St. Mary's College (Autonomous), Thoothukudi	Chat GPT and other Artificial Intelligence(AI) Tools for Classroom Teaching and Research	Workshop
11/08/2023	Participated	-	Library Committee and Institution's Innovation Council, St. Mary's College (Autonomous), Thoothukudi Technical collaboration with SALIS- Tirunelveli Chapter	Artificial Intelligence(AI) Tools for Education with Special Reference to Chat GPT, GPT 4 & LAMMA	National Seminar
16/03/2023 & 17/03/2023	Participated	-	PG and Research Department of Physics, Jayaraj Annapackiam College for Womens, Periyakulam	Recent Trends in Physics	International Conference
01/03/2023 to 05/03/2023	Participated	-	BVB's Sardar Patel College of Engineering, Mumbai & HSM's Shri. Sant Gadge Baba College of Engineering & Technology, Bhusawal in collaboration with SAE India Western	Innovation, Research And IPR - Journey Towards Excellence	National FDP

			Section, IIC, Indian Institution of Industrial Engineering and Federation of Education Leaders and Administrators under IQAC of SPCE, Mumbai and SSGBCOE&T, Bhusawal.		
14/02/2023	Participated	-	Department of Chemistry Kamalanehru Mahavidhyalaya, Nagpur, ACT Mumbai	Breaking Barriers in Science (GWB 2023)	International Conference
13/02/2023 to 15/02/2023	Participated	-	Marian Star Centre, Department of Chemistry, St. Mary's College (Autonomous), Thoothukudi	Molecular Modeling and Dynamics	FDP
28/01/2023	Participated	-	National Intellectual Property Awareness Mission and Intellectual Property Office, India	IP Awareness Training Program	IPR
25/01/2023	<b>Presented</b>	Ecofriendly synthesis of Mesoporous Silicon Nanoparticles from Wheat Husk and its Applications	Department of Chemistry & Research Centre, Adithanar College of Arts and Science, Tiruchendhur	Advanced Materials and Their Applications	International Seminar
13/01/2023	Participated	-	Dept. of Physics, Ramco Institute of Technology, Rajapalayam	Nanomaterials for Novel Applications	Webinar
29/09/2022 & 30/09/2022	<b>Presented</b>	Novel synthesis of Mesoporous Silicon Nanoparticles from Rice Bran and its Applications	PG & Research Department of Chemistry, V.O.Chidambaram College, Thoothukudi	Advanced Materials and Their Applications (ICAMA)	International Conference

27/07/2022	Participated	-	PG & Research Department of Chemistry, V.O.Chidambaram College, Thoothukudi	Rhenium based Supramolecule	State Webinar
17/03/2022 to 19/03/2022	Participated	-	Department of Business Administration, Kamaraj College, Thoothukudi	Research Methodology and Data Analysis using MS Excel	National Workshop
02/03/2022 to 04/03/2022	Participated	-	Marian Star Centre, Department of Botany, St. Mary's College (Autonomous), Thoothukudi	Climate changes and Future challenges	International Webinar
02/03/2022 to 06/03/2022	Participated	-	Department of Computer Science (SF II), Bishop Heber College (Autonomous), Tiruchirappalli	Patents, Innovative Teaching and Research Methodology	FDP
01/03/2022	Participated	-	Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi	Importance of IP in Scientific Research - An Overview	International Webinar
18/02/2022 to 23/02/2022	Participated	-	Department of Physics Marian Star Centre, St.Mary's College (Autonomous), Thoothukudi	Smart Material for New Technology	International FDP
16/02/2022	Participated	-	Department of Chemistry, Kamla Nehru Mahvidyalaya, Nagpur, Association of Chemistry Teachers(ACT) Mumbai & Department of Chemistry, Kalasalingam Academy of Research and Education(KARE), Krishnankoil in collaboration with	Empoweing diversity in Science (GWB- 2022)	International Webinar

			International Union of Pure & Applied Chemistry(IUPAC), Global Women's breakfast		
12/02/2022	Participated	-	Department of Mechanical Engineering, AMET deemed to be University in Chennai	Metallic Materials - Characterization, Testing & Manufacturing Techniques	National Webinar
31/01/2022 to 5/02/2022	Participated	-	Marian Star Centre, Department of Chemistry, St.Mary's College (Autonomous), Thoothukudi	Exploring New Frontiers in Chemical and Biological Science	FDP
10.01.2022	Participated	-	Library committee of St.Mary's College (Autonomous), Thoothukudi	Library without walls: E-Resources through NLIST	Hands-on Tutorial
16/12/2021 to 17/12/2021	Participated	-	Marian Star Centre, Department of Chemistry in association with Department of Microbiology St.Mary's College (Autonomous), Thoothukudi	Impact of Nanobiotechnology in the Field of Medicine	International Webinar
15/12/2021	Participated	-	Institution's Innovation Council and Department of Library, St. Mary's College (Autonomous), Thoothukudi	Prospects of Social Media Tools on Knowledge Sharing	National Webinar
13/12/2021 to 15/12/2021	Participated	-	Department of Chemistry, Kongu Engineering College, Perundurai, Erode	Emerging Trends in Chemistry	FDP
29/11/2021 to 30/11/2021	Participated	-	International Research Centre and Department of Chemistry,	Sustainable and Futuristic Materials (SFM-2021)	International Conference

			Kalasalingam Academy of Research and Education, Krishnankoil & Department of Chemistry, J. M. Arts, Commerce and Science College, Bhandhara & Department of Chemistry Kamala Nehru Mahavidhyalaya, Nagpur		
22/11/2021 to 26/11/2021	Participated	-	All India Council For Technical Education, New Delhi AICTE Training and Learning (ATAL) Academy Anna University - CSIR-Central Electrochemical Research Institute	Electroanalytical Techniques for Bio-sensing Applications	International FDP
09/11/2021 to 13/11/2021	Participated	-	Department of Basic Science, Vishnu Institute of Technology (A), Bhimavaram, AP in association with Physical Research Laboratory (PRL), Ahmedabad, Gujarat	Emerging Trends in Nano Technology (ETNT-2021)	International FDP
26/10/2021 to 28/10/2021	Participated	-	School of Physical Sciences, JNU and Department of Chemistry, BHU	Recent Advances in Chemical Sciences	International Conference
25/10/2021 to 30/10/2021	Participated	-	Department of Chemistry, S.T. Hindu College, Nagercoil.	Evolution of Smart Materials and their Contemporary Advances	National FDP
27/08/2021	Participated	-	Department of Chemistry, Sri S. Ramasamy Naidu Memorial College (Autonomous)	Recent Advances in Material Sciences - RAMS-2K21	International Webinar

			Virudhunagar		
23/08/2021 to 27/08/2021	Participated	-	All India Council For Technical Education, New Delhi AICTE Training and Learning (ATAL) Academy Anna University - University College Of Engineering Dindigul Campus.	Recent Advances in Water Treatment and Desalination	AICTE Training And Learning (ATAL) Academy Online Elementary FDP
19/08/2021 to 20/08/2021	Participated	-	Researcher Academy On Campus & V.O. Chidabaram College, Thoothukudi under UGC STRIDE Scheme	Effective Research Writing and scholarly Publications	International Webinar
16/08/2021 to 22/08/2021	Participated	-	IQAC, Christopher Arts and Science College (Women), Tirunelveli.	Google Apps from Scratch From	National level Short Term Training Program
16/08/2021 to 20/08/2021	Participated	-	All India Council For Technical Education, New Delhi AICTE Training and Learning (ATAL) Academy Anna University - University College Of Engineering Dindigul	Fabrication and Characterization of Thin Films for Future Technological Applications	AICTE Training And Learning (ATAL) Academy Online Elementary FDP
09/08/2021 to 10/08/2021	Participated	-	Department of Chemistry, JVM's Degree College in collaboration with Association of Chemistry Teachers (ACT).	Mutli-functional Advanced Materials (Vicmam-2021)	International Conference
04/08/2021			Department of Physics / Chemistry in association with	Synthetic Methods Of Nano	International Webinar



	Participated	-	Internal Quality Assurance Cell, MGVC Arts, Commerce And Science College, Muddebihal	Particles And Their Interesting Properties	
22/07/2021	Participated	-	Marian Research Forum, St. Mary's College(Autonomous ), Thoothukudi	Systematic Research Methodology - A Transformative Tool for Scientific Research	International Webinar
29/06/2021 to 30/06/2021	Participated	-	Department of Chemistry, Nabira Mahavidyala kotal, Association of Chemistry Teachers(ACT), C/o Homi bhabha Centre for Science Education (TIFR), Mumbai	Recent Advances in Chemical, Physical and Biological Sciences (RACPBS-2021)	International Conference
15/02/2021 to 27/02/2021	Participated	-	Department of Mechanical Engineering, Rajeev Gandhi Memorial College of Engineering and Technology (Autonomous), Nandyal, Andhra Pradesh.	Renewable Energy Intervention in Industry, Commercial and Domestic Application	FDP
17/02/2021 to 19/02/2021	Participated	-	Departments of Physics and Chemistry, PSGR Krishnammal College for Women, Coimbatore in collaboration with University of Dares Salaam, Tanzania	Breakthroughs and Approaches in Contemporary Scientific Research	International Conference
09/02/2021	Participated	-	Department of Chemistry, Government College Patharia, District Damoh (MP)	Nature Inspired Trends in Chemical Science	National Webinar

29/01/2021 & 30/01/2021	Participated	-	St. Ignatius College of Education (Autonomous), Tirunelveli in collaboration with Gateway Software Solutions	Online Assessment – A Paradigm Shift a Skill Based Training	National Workshop
29/12/2020	Participated	-	Development of chemistry in collaboration with IQAC, Shri Vyankatesh Arts, Commerce & Science College Deulgaon Raja, Dist. Buldana (MS)	New Horizons in Chemical Research and Product	International Webinar
28/12/2020	Participated	-	Department of Chemistry and IQAC, Government M.J.S.P.G College, Bhind, M.P. Supported by WB-MPHEQIP'S "Avademic excellence"	Technologies and innovations Inspired by nature	National webinar
08/12/2020	Participated	-	College of Community and Applied Sciences, Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan	Research Publications in SCI and Scopus Indexed Journals	National Webinar
06/11/2020 to 08/11/2020	Organized	-	PG Department of Chemistry & PG Department of Computer Science, St. Mary's College (Autonomous), Thoothukudi	Online Teaching and Learning Tools.	National Level FDP
07/11/2020 to 11/10/2020	Participated	-	IQAC, St. Mary's College (Autonomous), Thoothukudi	ICT Tools for Online Teaching	FDP
20/07/2020 to 24/07/2020	Participated	-	Department of Chemistry, Kongu Engineering College, Perundurai, Erode	Vital Visionary Approach For Researchers - Recent	FDP

				Chemistry Perspective	
15/07/2020 to 19/07/2020	Participated	-	Department of Science and Humanities – Chemistry, C. Abdul Hakeem College of Engineering and Technology, Ranipet, Tamil Nadu	Recent Advanced Research in Chemistry	FDP
09/07/2020	Participated	-	Department of Science and Humanities (Chemistry), RMK College of Engineering and Technology	The Journey of Supramolecular Chemistry from an Accidental Discovery to Advanced Materials	International Webinar
02/07/2020 to 05/07/2020	Participated and got <b>94%</b>	-	PG and Research Department of Chemistry, Dwaraka Doss Goverdhan Doss Vaishnav College (Autonomous), Chennai	Online workshop on Nuances in computational Chemistry	Online Workshop
01/07/2020 to 06/07/2020	Participated	-	School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded, Maharashtra	Tools for Online Teaching Learning and Evaluation	Pedagogical Training
26/06/2020 to 27/06/2020	Participated	-	International Relationship Centre, Bharathidasan University, Tiruchirappalli	Advance Materials for Energy and Environmental Applications (ICAMEEA-2020)	International Conference
25/06/2020	Participated	-	Department of Chemistry, Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi	Metal-Ligand Multiple Bonded Compounds	National Webinar

24/06/2020 to 07/07/2020	Participated and got <b>A+ Grade</b>	-	PG & Research Department of Chemistry & Physics, A.P.A. College of Arts & Culture, Palani	Science Academics	Refresher Course
22/06/2020 & 23/06/2020	Participated	-	Department of Science and Humanities, Vel Tech High Tech Dr.RangarajanDr.Sak unthala Engineering College, Chennai	Nano Magnetism	International Webinar
20/06/2020	Participated	-	Department of English, Servite Arts & Science College for Women, Thogaimalai	Racism, Cults and Crippled Social Interaction	International Webinar
19/06/2020	Participated	-	PG & Research Department of Physics, The American College (Autonomous), Madurai	Recent Trends in Advanced Material Science	International Webinar
15/06/2020	Participated	-	Department of Freshman Engineering, Vardhaman College of Engineering, Hyderabad.	Emerging Trends in Sciences- Usage of Research Tools and Techniques	FDP
15/06/2020	Organized	-	Department of PG Chemistry (SSC), St. Mary's College (Autonomous), Thoothukudi	Research: Career Opportunities for Life Science – India & Abroad	Workshop
12/06/2020	Participated	-	PG & Research Department of Chemistry, SadakathullahAppa College (Autonomous), Tirunelveli	Biosensors and its Applications	National Webinar
12/06/2020	Participated	-	Department of Chemistry and Physics, Government Arts College (Autonomous), Salem	Importance of Spectroscopy on NET Examination	National Webinar

11/06/2020	Participated	-	PG & Research Department of Chemistry, V.O.Chidambaram College, Thoothukudi	Designing New Chiral Molecules for Asymmetric Organocatalysis	National Webinar
07/06/2020	Participated	-	Department of Physics, BahuShivnath Agarwal (P.G) College, Mathura (UP)	Nano-materials and Detection Technique of COVID-19	International Webinar
06/06/2020	Participated	-	Research Department of Chemistry, SadakathullahAppa College (Autonomous), Tirunelveli	Nano Materials	National Webinar
05/06/2020	Participated	-	Research Department of Chemistry, SadakathullahAppa College (Autonomous), Tirunelveli	Green Extraction in food industries	Webinar
05/06/2020	Participated	-	Department of Chemistry, The American College (Autonomous), Madurai	National Level American College Chemistry Webinar Series- III	National Webinar
05/06/2020	Participated	-	PG & Research Department of Chemistry, V.O.Chidambaram College, Thoothukudi	Biodiesel from Marine Algae	National Webinar
04/06/2020 to 08/06/2020	Participated	-	PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli	Chemistry in Our Day-to-day Life	National Level Online Course
03/06/2020	Participated	-	PG and Research Department of Chemistry, National College (Autonomous), Tiruchirappalli	Assembled Advanced Organic Materials	Webinar

02/06/2020 to 07/06/2020	Participated and got <b>A Grade</b>	-	Vinayakrao Patil Mahavidyalaya, Vaijapur, Dist.Aurangabad	Modern Teaching, Evaluation and Research Methods	FDP
02/06/2020	Participated	-	IQAC, St. Mary's College (Autonomous), Thoothukudi	Invisible Scholars: Students with Learning Disabilities & Identification of Students with Learning Disabilities	International FDP
01/06/2020 to 05/06/2020	Participated	-	Department of Computer Science, St. Joseph's Degree & PG College (Autonomous)	Usage of ICT Tools for Effective Learning and Evaluation	International Webinar and Online FDP
01/06/2020	Participated	-	Department of Physics, V.O.ChidambaramCo llege, Thoothukudi	Graphene Based Nanocomposites for Energy Storage	National Webinar
29/05/2020	Participated	-	Department of Chemistry and Research Centre, Aditanar College of Arts and Science, Tiruchendur	Waste to Wealth -Catalytic Approach	Webinar
29/05/2020	Participated	-	Department of Visual Communication (SSC), St. Mary's College (Autonomous), Thoothukudi	An Overview of E-Content Development	Webinar
26/05/2020	Participated	-	Department of Chemistry, St. Mary's College (Autonomous), Thoothukudi	Chemistry Of COVID-19: Threat to Global Public Health	FDP
23/05/2020	Participated	-	St. Mary's College (Autonomous), Thoothukudi&Anna mmal College of Education for Women, Thoothukudi	Teacher Resilience: The Blueprint for Efficiency during Uncertainty	Webinar

22/05/2020	Participated	-	Research Committee, Arasu Engineering College, Kumbakonam	Guidelines for Writing a Research Paper	Webinar
21/05/2020	Participated	-	Department of Chemistry, V.O.Chidambaram College, Thoothukudi	Energy, Energy Everywhere, How to Harness it?	Webinar
19/05/2020	Participated	-	IQAC & Department Of Economics, Thakur College of Science & Commerce (Autonomous)	Re-evaluating COVID-19 for New Business Opportunities	National Webinar
18/05/2020 to 23/05/2020	Participated	-	Internal Quality Assurance Cell, Kovai Kalaimagal College of Arts & Science, Coimbatore	Challenges in Higher Education during post COVID-19	FDP
18/05/2020	Participated	-	Department of English language (SF), Nallamuthu Gounder Mahalingam College, Coimbatore.	Rock Your Dreams	International webinar
15/05/2020 & 16/05/2020	Participated	-	Department of Chemistry, The American College, Madurai	American College Chemistry Webinar Serie-I	National webinar
14/05/2020	Participated	-	Colombo Plan Staff College	Development of Online Teaching and Learning Resources Using ICT	Webinar
12/05/2020	Participated	-	Research Advisory Committee, St. Mary's College (Autonomous), Thoothukudi	Selection of Appropriate Statistical Tools: A Critical Way for Successful Research	Webinar
12/05/2020	Participated	-	Department of BBA, Nallamuthu Gounder Mahalingam College, Coimbatore.	Art of Teaching	FDP

12/05/2020	Participated	-	G.N.T Arts College (Autonomous), Dindigul	Organic Reagents for Competitive Examinations	Webinar
11/05/2020	Participated	-	Department of Psychology, St. Mary's College (Autonomous), Thoothukudi	Psychological First-Aid	Webinar
08/05/2020 to 12/05/2020	Participated	-	Arasu College of Arts, Science & B.Ed for Women & Ponkalamman College of Education, Karur in association with Shiksha Utthan Nyas, SSUN, Tamil Nadu	Recapitulating Billion Years Of Bharathiya Wisdom For Molding Millennials	FDP
08/05/2020	Participated	-	Department of Science & Humanities, Er. Perumal Manimekalai College of Engineering, Hosur	Crystallography and its Applications	Webinar
05/05/2020	Participated	-	Colombo Plan Staff College	Revised Taxonomy of Learning Domains and its Implication in TVET	Webinar
04/05/2020	Participated	-	G.Venkataswamy Naidu College, Kovilpatti with The Spoken Tutorial Project, IIT.	Moodle Test for Teachers	Online Test
30/04/2020 to 04/05/2020	Participated	-	G.Venkataswamy Naidu College, Kovilpatti in association with The Spoken Tutorial Project, IIT.	Moodle Learning Management System	FDP
29/04/2020 to 5/05/2020	Participated	-	V.O.Chidambaram College, Thoothukudi in association with The Spoken Tutorial Project, IIT	Avogadro	FDP



29/04/2020	Participated	-	Colombo Plan Staff College	Test Items Development Techniques for TVET Teachers	Webinar
27/04/2020 to 29/04/2020	Participated	-	Department of English, Immaculate College for Women, Viriyur	The Role of Language and Researcher	International Workshop
23/04/2020	Participated	-	Colombo Plan Staff College	Teachers to Educational Leaders	Webinar
22/04/2020	Participated	-	Colombo Plan Staff College	ICT Application in Teaching and Learning	Webinar
20/04/2020 to 06/05/2020	Participated	-	Teaching Learning Centre, Ramanujan College, University of Delhi.	Managing Online Classes and Co-Creating MOOCS	FDP
18/04/2020	Participated	-	Internal Quality Assurance Cell (IQAC), Delhi School of Professional Studies And Research (DSPSR), New Delhi	Bloom's Taxonomy	FDP
06/04/2020 to 12/04/2020	Participated and got <b>A+ Grade</b>	-	Indian Academic Researchers Association, Tiruchirappalli	Research Methodology for Social Science	Online Course
13/12/2019	Presented <b>ISBN:97893-5396-091-9</b>	A study of Antioxidant and Antibacterial activity using honey mediated chromium oxide nanoparticles and its characterization	PG & Research Department of chemistry, (DST &FIST FUNDED) V.O.C College, Thoothukudi.	Advanced Materials and their Applications-2019 (ICAMA'19)	International Conference
13/12/2019	Presented <b>ISBN:97893-5396-091-9</b>	Eco-friendly synthesize and characterization of cobalt oxide nanoparticles by sativum	PG & Research Department of chemistry, (DST &FIST FUNDED) V.O.C	Advanced Materials and their Applications-2019 (ICAMA'19)	International Conference

		species and its photocatalytic activity	College, Thoothukudi.		
18/07/2019 to 20/07/2019	Participated	-	MARIAN STAR CENTRE Department of Botany, St.Mary's College (Autonomous), Thoothukudi	Biostatistics and Bioinformatics	FDP
05/03/2019	Participated	-	Department of chemistry, St.Mary's College (Autonomous), Thoothukudi	Workshop	Workshop
27/12/2018	Oral Presentation	Novel synthesize and characterization of grapheme using chemical & Biosurfactant, its fabrication as an electrode.	PG & Research Department of chemistry, V.O.C College, Thoothukudi.	Advanced Materials and Their Applications	International Conference
27/12/2018	Poster Presentation	Eco-friendly synthesize of cobalt oxide nanoparticles by <i>sativum</i> species, its characterization and its photocatalytic activity.	PG & Research Department of chemistry, V.O.C College, Thoothukudi.	Advanced Materials and Their Applications	International Conference
20/07/2018	Participated	-	Department of Library & Research Forum, St.Mary's College (Autonomous), Thoothukudi.	Fostering Transparency: Routing out Plagiarism A to Z.	National Seminar
23/02/2018	Poster Presentation	Preparation and Characterization of Charcoal and Flux Nanocomposites Electrolyte	Department of Physics & Chemistry, A.P.C. Mahalaxmi College for Women, Thoothukudi.	Material Science and Technology	International Seminar

26/02/2016 & 27/02/2016	Participated	-	PG & Research Department of Chemistry, V.O.C College, Thoothukudi.	Recent Advances in chemistry (RAC-2016)	Lecturer Workshop
21/01/2016 to 22/01/2016	Participated	-	PG& Research Department of Chemistry, V.O.C College, Thoothukudi.	Advanced Materials and their applications (NCAMA-2016)	National Conference
04/09/2015	Participated	-	Department of Chemistry, Sri Sarada College for Women, Tirunelveli	Recent Advancements in Material Science	National Seminar
19/12/2014 & 20/12/2014	Participated	-	Department of Chemistry, RenganayagiVarathar aj College of Engineering, Sivakasi.	Advances in Coordination Chemistry	National Conference
27/08/2014	Participated	-	PG and Research Department of Chemistry, V.O.C College, Thoothukudi.	Material and Drug Chemistry (MDC-14)	International Conference
25/02/2014 & 26/02/2014	Participated	-	PG and Research Department of Chemistry, V.O.C College, Thoothukudi.	Synthesis and Characterization of Nanomaterials	National Workshop

### Online Course

Course Duration	Paper Title	Organized by	Percentage Obtained	Grade
September to December 2020 (12 Weeks)	Analytical Chemistry (Roll No: NPTEL20CY18S72420088)	NPTEL (Funded by the Ministry of HRD, Govt. of India)	79%	Elite + Silver

## Papers Published in Journals

Paper Title	Author(s)	Journal	Volume, Issue, Pg. No.	Publisher	Accepted on
Eco-friendly synthesize and characterization of cobalt oxide nanoparticles by sativum species and its photocatalytic activity.	<b>Carolin Jeniba Rachel.D,</b> Asha.G, V. Rajeshwari, G. Stephen and S. Gurusamy	Materials Today: Proceedings <a href="https://doi.org/10.1016/j.matpr.2021.02.338">https://doi.org/10.1016/j.matpr.2021.02.338</a>	Volume 48, Part 2, 2022, Pages 486-493	<b>Elsevier</b> ISSN 2214-7853	10/02/2021
A study of Antioxidant and Antibacterial activity using honey mediated chromium oxide nanoparticles and its characterization.	Rayani Nivethitha.P and <b>Carolin Jeniba Rachel.D</b>	Materials Today: Proceedings <a href="https://doi.org/10.1016/j.matpr.2020.07.187">https://doi.org/10.1016/j.matpr.2020.07.187</a>	Volume 48, Part 2, 2022, Pages 276-281	<b>Elsevier</b> ISSN 2214-7853	10/07/2020
Synthesis of paper pulp from agricultural wastes using soda pulping	S. Mareeswari and <b>D. Carolin Jeniba Rachel</b>	Marian Quest – A Biannual Multidisciplinary Research Journal	Volume 13, Pages 152-160	<b>ISSN 2249-7145</b>	May 2022

## Papers in Proceedings

Paper Title	Author(s)	Proceedings	Year	Page No.
Green Synthesis of Mesoporous Silica Nanoparticles from Husk of Zea mays L. and its Characterization	<b>D. Carolin Jeniba Rachel</b> and Dr. C. Vedhi	Advanced Materials and Their Applications (ICAMA-2023)	2023	7-9
Synthesis of Mesoporous Silica Nanoparticles and its Vibrational and Structural Studies	<b>D. Carolin Jeniba Rachel,</b> J. Arockiya Mashina, Dr. C.Vedhi	Advanced Materials and Their Applications (ICAMA-2023)	2023	136-138
Antibacterial study and characterizations of green synthesised hydrogels from <i>Linum usitatissimum</i> and <i>Prunus amygdalus</i>	<b>D. Carolin Jeniba Rachel,</b> P. Johncy and S. Ponselvi	Advanced Materials and Their Applications (ICAMA-2023)	2023	268
Comparative Study of Green Synthesised Hydrogels, its Characterization and Antibacterial Activity	S. Ponselvi and <b>Carolin Jeniba Rachel. D</b>	International Conference on Recent Advancements in Chemical Sciences &	2023	13

		Intellectual Property Rights - RACSIPR - 2023 <b>ISBN: 978-81-19042-27-2</b>		
Ecofriendly synthesis of Mesoporous Silicon Nanoparticles from Wheat Husk and its Applications	<b>Carolin Jeniba Rachel.D</b> and Dr.C. Vedhi	Proceedings of the International Seminar on Advanced Materials and Their Applications <b>ISBN:978-81-19042-16-6</b>	2023	102
Novel synthesis of Mesoporous Silicon Nanoparticles from Rice Bran and its Applications	<b>Carolin Jeniba Rachel.D</b> and Dr.C. Vedhi	Advanced Materials and Their Applications (ICAMA) <b>ISBN:978-93-5701-686-5</b>	2022	276
A study of Antioxidant and Antibacterial activity using honey mediated chromium oxide nanoparticles and its characterization.	Rayani Nivethitha.P and <b>Carolin Jeniba Rachel.D</b>	International Conference on advanced materials and their applications-2019 (ICAMA'19) <b>ISBN:978-93-5396-091-9</b>	2019	107
Eco-friendly synthesize and characterization of cobalt oxide nanoparticles by sativum species and its photocatalytic activity.	<b>Carolin Jeniba Rachel.D</b> and Asha.G	International Conference on advanced materials and their applications-2019 (ICAMA'19) <b>ISBN:97893-5396-091-9</b>	2019	108
Green Synthesis of Nano-size Graphene and Characterization	<b>Carolin Jeniba Rachel.D</b> and Dr. C.Vedhi	Frontier Areas in Chemical Technologies. Volume - 2	2017	125

### Chapters Published

Chapter Title	Author(s)	Book Title	Publisher	Pg. No.	Date
Evidence, Causes and Effect of Climate Change	<b>Carolin Jeniba Rachel. D</b> and G. Stephen	Climate Change: Impact on Environment	Multi Spectrum Publications <b>ISBN: 978-81-947114-0-7</b>	1-10	March 2021
Impact of Covid-19 on Nature	E. Snowbiya and <b>Carolin Jeniba Rachel. D</b>	Impact of COVID – 19 on Human health and Nature	Krishna Publication House, Gujarat <b>ISBN: 978-93-90627-21-9</b>	144-150	June 2022
Positive and Negative Impacts of Covid- 19 on Environment	S. Mareeswari and <b>Carolin Jeniba Rachel. D</b>	Impact of COVID – 19 on Human health and Nature	Krishna Publication House, Gujarat <b>ISBN: 978-93-90627-21-9</b>	90-95	June 2022

## **Achievements**

- Qualified SET Examination under General Category with 206 marks on 2016.
- University Rank - First at B.Sc., Chemistry Major Degree Examination in April 2014.
- University Rank - Sixteen at B.Sc., for English at M.S University Examination in April 2014.
- University Rank - Second at M.Sc., Chemistry Major Degree Examination in April 2016.

## **Responsibilities held:**

- Member of Scribe Forum for the academic year 2018-2019 in St. Mary's College (Autonomous), Thoothukudi.
- Member of Discipline Committee for the academic year 2019-2021 in St. Mary's College (Autonomous), Thoothukudi.
- In-charge of Band for the academic year 2019-2021 in St. Mary's College (Autonomous), Thoothukudi.
- Member of Examination Committee from the year 2021 in St. Mary's College (Autonomous), Thoothukudi.
- Member of Clean Campus from 2021 in St. Mary's College (Autonomous), Thoothukudi.
- Member of EDII Cell for the current academic year in St. Mary's College (Autonomous), Thoothukudi.
- District and State level Evaluator for School students' science project.