

Name	Mrs. D. Carolin Jeniba Rachel
Qualification	M.Sc., M.Phil., SET.
Designation	Assistant Professor
Year of Joining	18.06.2018
Specialization	Multidisciplinary Chemistry
E-mail ID	carojenifa@gmail.com



Seminars/Workshops/FDP/Conference/ Webinars

Date	Paper Presented/ Participated	Title of the Paper	Organized By	Title of Workshop/ Seminar/ FDP/Conference/ Webinars	Type
21/10/2025 to 25/10/2025	Participated	-	Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi.	Penning with Purpose: Mastering the Art of Research and Publications	Virtual FDP
13/10/2025 to 17/10/2025	Participated	-	Department of Electronics & Communication Engineering, S. A Engineering College in association with Pantech Solutions Pvt Ltd.	Recent Trends and Future Perspective of AI in Image Processing – Tools, Techniques and Applications: Research Perspective	National FDP
07/01/2025	Participated	-	St. Mary's College (Autonomous), Thoothukudi.	Advanced Innovations in Nanotechnology	International Seminar
19/12/2024 and 20/12/2024	Presented	Electrochemical Reduction of Nitrobenzene using Eco-friendly Synthesized	PG & Research Department of Chemistry, V. O. Chidambaram College Thoothukudi.	Advanced Materials and their Applications (ICAMA 24)	International Conference

		Mesoporous Silica Nanoparticles from Silk of Zeamays L. as Modified Glassy Carbon Electrode.			
28/11/2024	Participated	-	Library and Reader's Club, St. Mary's College (Autonomous), Thoothukudi.	Project Management System:VIDWAN/IRINS	Webinar
27/11/2024	Participated	-	Patrician College of Arts and Sciences, Chennai	Upholding Ethical Standards in Education to Foster an Anti-corruption Mindset	Professional Development Programme
18/09/2024	Participated	-	PG & Research Department of Zoology, St. Mary's College (Autonomous), Thoothukudi	Interdisciplinary Research	National Seminar
27/08/2024 to 29/08/2024	Participated	-	Marian Star Centre & Department of Chemistry, St. Mary's College (Autonomous), Thoothukudi	In Silico Modelling Approach for Pharmaceutical Sciences	FDP
20/08/2024	Participated	-	Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi	Elevate your Research: Author and Editor Insights for Publishing in a Reputed Journal	State Level Workshop
29/07/2024 to 02/08/2024	Participated	-	MEASI Institute of Information Technology, Royapettah, Chennai	Exploring New Frontiers in Teaching Tools, AI and Data Analytics	International Virtual FDP
08/07/2024 to 12/07/2024	Participated	-	School of Education & Dept. of IT , VELS Institute of Science , Technology &	Creative Classroom Techniques	International Online FDP

			Advanced Studies, Chennai		
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	Presented (Oral)	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	Presented (Poster)	Synthesis of mesoporous silica nanoparticles and its vibrational and	PG & Research Department of Chemistry, V.O.Chidambaram College, Thoothukudi	Advanced Materials and Their Applications 2023 (ICAMA'23)	International Conference

		structural studies.			
14/12/2023 and 15/12/2023	Presented (Poster)	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 &	Innovation, Research And IPR - Journey Towards Excellence	National FDP

			Technology, Bhusawal in collaboration with SAE India Western 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	Presented	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	Presented	Novel synthesis of Mesoporous Silicon Nanoparticles	PG & Research Department of Chemistry,	Advanced Materials and Their	International Conference

		from Rice Bran and its Applications	V.O.Chidambaram College, Thoothukudi	Applications (ICAMA)	
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 Mahavidyalaya, Nagpur, Association of Chemistry Teachers(ACT) Mumbai & Department of Chemistry, Kalasalingam Academy of Research	Empoweing diversity in Science (GWB-2022)	International Webinar

			and Education(KARE), Krishnankoil in collaboration with 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, 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	Sustainable and Furturistic Materials (SFM- 2021)	International Conference
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) Virudhunagar	Recent Advances in Material Sciences - RAMS-2K21	International Webinar
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	Participated	-	Department of Physics / Chemistry in association with Internal Quality Assurance Cell, MGVC Arts, Commerce And Science College, Muddebihal	Synthetic Methods Of Nano Particles And Their Interesting Properties	International Webinar
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
08/06/2021 to 10/06/2021			IQAC, Kamla Nehru Mahavidyalaya, Nagpur	ICT Tools for effective Teaching Learning	National Online FDP
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	Breakthroughs and Approaches in Contemporary Scientific Research	International Conference

			University of Dares Salaam, Tanzania		
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	Online Teaching and Learning Tools.	National Level FDP

			(Autonomous), Thoothukudi		
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 Chemistry Perspective	FDP
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 94%	-	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 Mar athwada 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	International Conference

		-		(ICAMEEA-2020)	
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 A+ Grade	-	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.Rangarajan Dr.Sakunthala 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 A Grade	-	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, NallamuthuGounder 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 &Ponkaliasmam College of Education, Karur in association with ShikshaUtthanNyas, SSUN, Tamil Nadu	Recapitulating Billion Years Of Bharathiya Wisdom For Molding Millennials	FDP
08/05/2020	Participated	-	Department of Science & Humanities, Er. PerumalManimekalai 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 (DPSR), New Delhi	Bloom's Taxonomy	FDP
06/04/2020 to 12/04/2020	Participated and got A+ Grade	-	Indian Academic Researchers Association, Tiruchirappalli	Research Methodology for Social Science	Online Course
13/12/2019	Presented ISBN:97893- 5396-091-9	A study of Antioxidant and Antibacterial activity using honey mediated	PG & Research Department of chemistry, (DST &FIST FUNDED) V.O.C College, Thoothukudi.	Advanced Materials and their Applications- 2019 (ICAMA'19)	International Conference

		chromium oxide nanoparticles and its characterization			
13/12/2019	Presented ISBN:97893-5396-091-9	Eco-friendly synthesize and characterization of cobalt oxide nanoparticles by <i>sativum</i> species and its photocatalytic activity	PG & Research Department of chemistry, (DST &FIST FUNDED) V.O.C College, Thoothukudi.	Advanced Materials and their Applications-2019 (ICAMA'19)	International Conference
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, Renganayagi Varatharaj 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	Paper Title	Organized by	Percentage	Grade
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Duration			Obtained	
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.	Carolin Jeniba Rachel.D, Asha.G, V. Rajeshwari, G. Stephen and S. Gurusamy	Materials Today: Proceedings https://doi.org/10.1016/j.matpr.2021.02.338	Volume 48, Part 2, 2022, Pages 486-493	Elsevier 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 Carolin Jeniba Rachel.D	Materials Today: Proceedings https://doi.org/10.1016/j.matpr.2020.07.187	Volume 48, Part 2, 2022, Pages 276-281	Elsevier ISSN 2214-7853	10/07/2020
Synthesis of paper pulp from agricultural wastes using soda pulping	S. Mareeswari and D. Carolin Jeniba Rachel	Marian Quest – A Biannual Multidisciplinary Research Journal	Volume 13, Pages 152-160	ISSN 2249-7145	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 Charaterization	D. Carolin Jeniba Rachel 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	D. Carolin Jeniba Rachel , 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>	D. Carolin Jeniba Rachel , 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 Carolin Jeniba Rachel. D	International Conference on Recent Advancements in Chemical Sciences & Intellectual Property Rights - RACSIPR - 2023 ISBN: 978-81-19042-27-2	2023	13
Ecofriendly synthesis of Mesoporous Silicon Nanoparticles from Wheat Husk and its Applications	Carolin Jeniba Rachel.D and Dr.C. Vedhi	Proceedings of the International Seminar on Advanced Materials and Their Applications ISBN:978-81-19042-16-6	2023	102
Novel synthesis of Mesoporous Silicon Nanoparticles from Rice Bran and its Applications	Carolin Jeniba Rachel.D and Dr.C. Vedhi	Advanced Materials and Their Applications (ICAMA) ISBN:978-93-5701-686-5	2022	276
A study of Antioxidant and Antibacterial activity using honey mediated chromium oxide nanoparticles and its characterization.	Rayani Nivethitha.P and Carolin Jeniba Rachel.D	International Conference on advanced materials and their applications-2019 (ICAMA'19) ISBN:978-93-5396-091-9	2019	107
Eco-friendly synthesize and characterization of cobalt oxide nanoparticles by sativum species and its photocatalytic activity.	Carolin Jeniba Rachel.D and Asha.G	International Conference on advanced materials and their applications-2019 (ICAMA'19) ISBN:97893-5396-091-9	2019	108
Green Synthesis of Nano-size Graphene and Characterization	Carolin Jeniba Rachel.D 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	Carolin Jeniba Rachel. D and G. Stephen	Climate Change: Impact on Environment	Multi Spectrum Publications ISBN: 978-81-947114-0-7	1-10	March 2021

Impact of Covid-19 on Nature	E. Snowbiya and <i>Carolin Jeniba Rachel. D</i>	Impact of COVID – 19 on Human health and Nature	Krishna Publication House, Gujarat ISBN: 978-93-90627-21-9	144-150	June 2022
Positive and Negative Impacts of Covid- 19 on Environment	S. Mareeswari and <i>Carolin Jeniba Rachel. D</i>	Impact of COVID – 19 on Human health and Nature	Krishna Publication House, Gujarat ISBN: 978-93-90627-21-9	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 from 2023 in St. Mary's College (Autonomous), Thoothukudi.
- Member of Website Committee from the year 2023 in St. Mary's College (Autonomous), Thoothukudi.
- District and State level Evaluator for School students' Science Project.