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Seminars/Workshops/FDP/Conference/ Webinars

Date	Paper Presented/ Participated	Title of the Paper	Title of the Workshop/ Seminar/ Conference/ FDP/Webinar	Organized By	Type
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	-	MEASI Institute of Information Technology, Royapettah, Chennai	Exploring New Frontiers in Teaching Tools, AI and Data Analytics	International Virtual FDP
15/07/2024 to 24/08/2024	Participated	-	NEP 2020 Orientation & Sensitization Programme	UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC), Bharathidasan University, Thiruchirappalli	Orientation & Sensitization Programme

08/07/2024 to 12/07/2024	Participated	-	Creative Classroom Techniques	School of Education & Dept. of IT , VELS Institute of Science , Technology & Advanced Studies, Chennai	International Online FDP
03/06/2024 to 07/06/2024	Participated	-	Embracing Sustainability as Opportunity	Pedagogical Sciences, Tamil Nadu Teachers Education University & Academic Staff College & Faculty of Education, Dr. M.G.R Educational and Research Institute, Chennai.	International Online FDP
06/04/2024	Participated	-	AI - Tools for Teaching and Learning	Internal Quality Assurance Cell (IQAC), St. Xavier's College (Autonomous), Palayamkottai & Xavier Board of Higher Education, Tamil Nadu Chapter	Online Training Programme
26/09/2023	Participated		Recent Advances in Chemical Sciences (ICRACS - 23)	Department of Chemistry, St. Xavier's College (Autonomous), Payamkottai	International Conference
07/09/2023	Participated		Chat GPT and other Artificial Intelligence(AI) Tools for Classroom Teaching and Research	Library Committee and Institution's Innovation Council, St. Mary's College (Autonomous), Thoothukudi	Workshop
11/08/2023	Participated		Artificial Intelligence(AI) Tools for Education with Special Reference to Chat GPT, GPT 4 & LAMMA	Library Committee and Institution's Innovation Council, St. Mary's College (Autonomous), Thoothukudi	National Seminar

				Technical collaboration with SALIS-Tirunelveli Chapter	
15/04/2023 to 19/04/2023	Participated	-	Modelling, Simulation & Fabrication of Advanced Electronic Devices	School of Electronics Engineering, VIT, Chennai	FDP
18/03/2023	Participated	-	Smart Materials	Department of Chemistry, St. Mary's College (Autonomous), Thoothukudi	International Symposium
13/02/2023 to 15/02/2023	Participated	-	Molecular Modeling and Dynamics	Marian Star Centre, Department of Chemistry, St. Mary's College (Autonomous), Thoothukudi	FDP
25/01/2023	Paper Presented	-	Advanced Materials and Their Applications	Department of Chemistry & Research Centre, Aditanar College of Arts and Science, Tiruchendur	International Seminar
13/01/2023	Participated	-	Nanomaterials for Novel Applications	Dept. of Physics, Ramco Institute of Technology, Rajapalayam	Webinar
26/10/2022	Paper Presented	Achieving Employability Skills of B.Sc. Chemistry Students in Pharmaceutical Industry through Laboratory Skills and Practical Work	Transformative Pathways in Higher Education: Andragogy in Futuristic Perspective	St. Ignatius College of Education (Autonomous), Palayamkottai	International Conference
01/09/2022 to 05/09/2022	Participated	-	Biotechnology Today and Tomorrow: Innovations and Implications	Marian Star Centre, PG & Research Dept. of Zoology, St. Mary's College	Online FDP

				(Autonomous), Thoothukudi	
30/08/2022	Participated	-	Startup Company – It's Legal Issues and Ethics	IIC & Library Committee, St. Mary's College (Autonomous), Thoothukudi	National Webinar
25/07/2022 to 30/07/2022	Participated	-	Advances in Analytical Techniques	SRM Institute of Science and Technology, Ramapuram campus, Chennai in association with Society for Advancement in Chemical Sciences and Education (SACSE), IGCAR, Kalpakkam	Six Days FDP
20/06/2022 to 24/06/2022	Participated	-	Five Day International Virtual Faculty Development Program	Dr.M.G.R. Educational and Research Institute, Chennai	FDP
30/05/2022 to 04/06/2022	Participated	-	Emerging Trends in Applied Chemistry: A Step towards Sustainable Development	SGT University, Gurugram	One Week Online FDP
21/05/2022 to 21/06/2022	Participated	-	One Month Common Yoga Protocol Training Course	DCPE, HVPM, Amravati, Maharashtra	Short Term Course
01/05/2022 to 08/05/2022	Participated	-	Digital Skills for Educators	Council for Teacher Education Foundation, Delhi- NCR Chapter	Eight Days FDP
25/04/2022 to 30/04/2022	Participated	-	Recent Trends in Material Technology	Sanskriti School of Engg., Puttaparthi	FDP

25/03/2022	Participated	-	Approaches and Challenges in Everyday life	Kamaraj College, Thoothukudi	National Webinar
17/03/2022 to 19/03/2022	Participated	-	Research Methodology and Data analysis using MS Excel	Kamaraj College, Thoothukudi	National Webinar
02/03/2022 to 06/03/2022	Participated	-	Patents and Innovative Teaching & Research Methodology	Bishop Heber College (Autonomous), Trichy	National Level FDP
26/10/2021 to 10/11/2021	Participated	-	Recent Trends in Interdisciplinary Languages, Sciences and Social Sciences	Krishna Menon Memorial Govt. Women's College, Kannur	International Webinar Series "IGNITE 2021"
29/08/2021	Participated	-	Supporting Chemistry Research with the SPARTAN Molecular Modeling Software	Wave function Inc, Irvine, California, USA	Webinar
19/08/2021 & 20/08/2021	Participated	-	Effective Research Writing and Scholarly Publishing	V.O.Chidambaram College, Thoothukudi	International Webinar
09/08/2021 & 14/08/2021	Participated	-	Basic Techniques for Teaching and Learning Chemistry	Department of Chemistry, Nesamony Memorial Christian College, Marthandam	One Week Online Orientation
09/07/2021	Participated	-	Analytical Techniques	The American College, Madurai	Webinar
03/07/2021	Participated	-	Research Planning and Business Development using IPR	Department of Physics, SRM TRP Engg. College, Trichy	FDP
16/06/2021	Participated	-	Covid 19: How are we coping so far?	Office of International Relations & Faculty of Education, Dr.	Webinar

				M.G.R. Educational & Research Institute, Chennai	
16/06/2021	Participated	-	Green Organic Chemistry	Department of Chemistry, Sadakathullah Appa College (Autonomous), Tirunelveli	International Level Webinar
14/06/2021 to 16/06/2021	Participated	-	Open Board, Smart Notebook & Microsoft Math	Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai	Three Days National Workshop
07/06/2021 to 11/06/2021	Participated	-	Challenges in Energy Management for Smart Cities	Department of Electrical and Electronics Engg. in association with Centre for Renewable Energy Technology - AVIT	International FDP
07/06/2021	Participated	-	Food Safety and Hygiene	Department of Hotel Management, Annai College of Arts & Science	Webinar
31/05/2021	Participated	-	Eye Care Conversations with the Expert	Youth Red Cross, Jansons Institute of Technology, Coimbatore	Webinar
24/05/2021 & 29/05/2021	Participated	-	Emerging Trends in Nanomaterials for Electronic and Optoelectronic Devices	Department of Electronics & Communication Engg. Swarnandhra College of Engg. & Technology, Kakinada	AICTE sponsored Online Short Term Training Programme
19/05/2021 to 21/05/2021	Participated	-	Light Matter Interaction (ICLMIN-2021)	Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam	International Conference
17/05/2021 & 18/05/2021	Participated	-	Smart Materials: Application to Devices - 2021	Department of Physics & Department of	International Conference

				Electronics, Kamla Nehru Mahavidyalaya, Nagpur	
01/05/2021 & 05/05/2021	Participated	-	Journey from Semiconductor Physics to Smart Devices to Intelligent Automation	National Institute of Technology Srinagar and Semiconductor Society of India	Short – Term Course
26/04/2021 & 27/04/2021	Participated	-	Virtual Lab	SRM TRP Engineering College, Trichy	Two Days National Level Hands-on Training
20/04/2021	Participated	-	Research Funding Opportunities	Cardamom Planters Association College, Bodinayakanur	National Level Webinar
19/04/2021 to 24/04/2021	Participated	-	Engineering Applications of Optimization	Rajiv Gandhi Government Polytechnic College, Itanagar, Arunachal Pradesh	AICTE-ISTE approved Orientation/ Refresher Programme
19/04/2021 to 21/04/2021	Participated	-	Science and Technology of Emerging Materials (eSTEM – 21)	Department of Science and Humanities, Chettinad College of Engg. & Technology, Chennai	International e-Workshop
09/04/2021	Participated	-	Geopolymer Concrete	Indian Concrete Institute (Chennai Centre) in association with Department of Civil Engineering SRM Institute of Science and Technology, Chennai	Online International Webinar
27/03/2021	Participated	-	Design Thinking and IPR Process	Department of Mechanical Engg., Acharya Institute of Technology, Bengaluru	Webinar

24/03/2021 & 26/03/2021	Paper Presented	Fabrication of Multi Walled Carbon Nanotube Modified GCE In 2-Hydroxy-1,4-Naphthoquinone as Electrocatalyst for Oxygen Reduction	Advanced Research in Materials Science	Department of Physics Manonmaniam Sundaranar University – 627012, Tirunelveli	International E-Conference
22/03/2021 to 03/04/2021	Participated	-	Recent Advances in Materials and Challenges in Manufacturing Techniques	Department of Mechanical Engineering, University College of Engg. Kakinada (A), JNTUK, Kakinada	Two Week Online FDP Sponsored by AICTE
12/03/2021	Participated	-	Theory Building Research	Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi	International Webinar
08/03/2021 & 13/03/2021	Participated	-	Refresher Course in Chemistry	A.V.C. College of Engg., Mannampandal, Mayiladuthurai	AICTE-ISTE approved Orientation/ Refresher Programme
22/02/2021	Participated	-	ICT Tools For Chemistry Teachers	Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi	One Day Online National Workshop
21/02/2021	Participated	-	Functional Materials	Society for Promotion of Material Science, Nagpur & Jagat Arts, Comm. & I.H.P. Science College, Goregaon	National Webinar
15/02/2021	Participated	-	Renewable Energy Intervention in Industry	Department of Mechanical Engineering, Rajeev Gandhi Memorial College of Engg. & Technology, Nandyal. AP	Two Week Online FDP

12/02/2021	Participated	-	Academic Visibility in the Digital World	Department of Library, St. Mary's College (Autonomous), Thoothukudi	National Webinar
01/02/2021 to 13/03/2021	Participated	-	Technology Entrepreneurship Development Programme (TEDP) on Textiles	National Institute for Micro, Small and Medium Enterprises (ni-msme)	Sponsored by DST
27/01/2021 to 11/02/2021	Participated	-	Theoretical and Computational Chemistry	PSGR Krishnammal College for Women	Science Academies sponsored Refresher Course
16/01/2021	Participated	-	Nanotechnology and Medical Science: Challenges Ahead	Society of Pharmaceutical Sciences and Research (SPSR)	National Webinar
12/01/2021	Participated	-	Emerging Materials for Solar Energy Conversion	Sethu Institute of Technology	National Level Webinar
08/01/2021	Participated	-	Impact of COVID 19 on Pharmaceutical Education and Research	Society of Pharmaceutical Sciences and Research (SPSR)	National Webinar
28/12/2020 to 06/01/2021	Participated	-	Research Methodology	RBVRR Women's College, Hyderabad in association with ICSSR	FDP
14/12/2020 to 18/12/2020	Participated	-	ICT Tools for Teaching	G.B.Pant Institute of Engineering & Technology, Pauri-Garhwal, Uttarakand	TEQIP sponsored FDP
13/12/2020	Participated	-	Herbal Drugs in the Management of Lifestyle Disorders in the Time of COVID-19	Society of Pharmaceutical Sciences and Research (SPSR)	National Webinar

05/12/2020 to 07/12/2020	Participated	-	Use of Technology for Online Teaching & Learning	Pt. Sundarlal Sharma (Open) University, Chhattisgarh, Bilaspur	Workshop
27/11/2020 & 28/11/2020	Participated	-	Current Science and Technology for Sustainable Society	Aurora's Degree & PG College, Hyderabad and A.V.Kanthamma College for Women, Hassan	International E- Conference
19/11/2020	Participated	-	Cancer burden: Threats, Challenges and changing paradigms	Chhatrapati Shahuji Maharaj University, Kanpur & Sanjeevani Life Beyond Cancer	International Webposium
09/11/2020	Participated	-	Micro and Nano fabrication & Characterisation techniques	Kamaraj College, Thoothukudi	National Level Technical Meet
02/11/2020 to 07/11/2020	Participated	-	Electric Vehicle: Technologies, Challenges and Opportunities for Integration of Renewable Resources in India	RMK Engineering College, Thiruvallur	AICTE sponsored Short Term Training Program
01/11/2020	Participated	-	Antimicrobial Peptides: An emerging class of therapeutic agents	Chikkaiah Naicker College, Coimbatore	International Webinar
31/10/2020	Participated	-	Molecular Modelling for Beginners - Hands on Training in ArgusLab	Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai	Workshop
28/10/2020	Participated	-	The essential leap	SPMVV, Tirupati	International Webinar
27/10/2020 & 28/10/2020	Participated	-	Research methodology and Statistical Techniques	St. Ignatius College of Education (Autonomous), Palayamkottai	National Webinar
10/10/2020 &	Participated	-	Innovative Technology for inclusive education	St. Ignatius College of Education (Autonomous),	National Level Webinar

12/10/2020				Palayamkottai	
05/10/2020 to 10/10/2020	Participated	-	Technical Advances in Novel Materials	St. Xavier's Catholic College of Engineering	FDP
21/09/2020 to 25/09/2020	Participated	-	Functional Materials, Dye-sensitized Solar Cells and Perovskite Solar Cells	Kongu Engineering College, Perundurai, Erode	Workshop
27/08/2020	Participated	-	Genetic empowerment of Peppers for fruit quality traits	Annamalai University	International Webinar
21/08/2020 to 28/08/2020	Participated	-	Contemporary Amelioration in Nanostructured materials	Jeppiar Engineering College,	FDP
17/08/2020 to 21/08/2020	Participated	-	Impacts of Nanomaterials Applications in environment	Mepco Schlenk College of Engineering, Sivakasi	FDP
31/07/2020 & 01/08/2020	Participated	-	Research Tools and Techniques for Materials Characterization	The Madurai Diraviyam Thayumanavar Hindu College, Tirunelveli	Workshop
31/07/2020	Participated	-	Exciting Photochemistry	Chikkanna Govt. Arts College. Tirupur	Webinar
29/07/2020 to 01.08.2020	Participated	-	Chemistry in circular economy & Sustainability	MKU, Madurai	National Webinar
28/07/2020	Participated	-	Recent Advances in Chemistry	AVVM Sri Pushpam College (Autonomous), Poondi, Thanjavur	International Webinar
16/07/2020	Participated	-	Vermicomposting: The future of sustainable Agriculture and Organic waste management	Health club and Entrepreneurship Development cell of Annammal College of Education for Women,	National Webinar

				Thoothukudi	
16/07/2020	Participated	-	Eigenvalue problems in Civil Engineering	KPR Institute of Engineering and Technology	Webinar
13/07/2020	Participated	-	Gender based violence	APCM College, Thoothukudi	Webinar
10/07/2020 & 11/07/2020	Participated	-	Understanding OBS Studio & Streamyard for E-Content Creation and Live Streaming	The Faculty of Humanities and Science, Adayalampattu Phase -II campus	Workshop
07/07/2020	Participated	-	Recent Perspectives in Life Sciences	Sri Sarada College for Women (Autonomous), Salem	International Webinar
04/07/2020	Participated	-	Online Teaching and Learning Tools - Series II	Department of Computer Applications & Research Centre of Sarah Tucker College (Autonomous), Tirunelveli	FDP
03/07/2020	Participated	-	Bloom with Grace	Department of Science and Humanities –Mathematics	Webinar
02/07/2020 to 05/07/2020	Participated	-	Nuances in Computational Chemistry	Dwaraka doss Goverdhan Doss Vaishnav College (Autonomous), Chennai	Online Workshop
01/07/2020 to 06/07/2020	Participated	-	Teachers on Tools for Online Teaching Learning and Evaluation	School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded, Maharashtra	One Week Pedagogical Training

01/07/2020 & 02/07/2020	Paper Presented	A study of electrocatalytic activity of 1,4-naphthoquinone on the reduction of oxygen at multi-walled carbon nanotube modified glassy carbon electrode	Global Summit of Advanced Trends in Material Chemistry (GSATMC-2020)	Cauvery College for Women (Autonomous), Trichy	International Virtual Conference
01/07/2020	Participated	-	Research Methodology	Department of Tamil, Annai Hajira Women's College, Melapalayam, Tirunelveli	National Webinar
30/06/2020	Participated	-	Outcome Based Education & Accreditation of Higher Education Institutions by NAAC - Criteria I & II	St. Ignatius College of Education (Autonomous) Palayamkottai	National Webinar
26/06/2020 & 27/06/2020	Paper Presented	Investigation of oxygen reduction reaction at silver nanoparticle modified glassy carbon electrode in 1,4-naphthoquinone derivatives	Smart engineering technologies 2020	Ramco Institute of Technology	International Web Conference
22/06/2020	Participated	-	Powder X-Ray diffraction patterns analysis using openwares	V. O. Chidambaram College, Thoothukudi	Webinar
18/06/2020 & 19/06/2020	Participated	-	Materials and their applications	SSM Institute of Technology and Sciences, Dindigul	International Virtual Seminar
16/06/2020 to 18/06/2020	Participated	-	Whole Brain Thinking and Learning	School of Education, VISTAS, Chennai	International Webinar
13/06/2020	Participated	-	Online Teaching and Learning Tools - Series I	Department of Computer Applications &	FDP

				Research Centre and IQAC of Sarah Tucker College, Tirunelveli	
12/06/2020	Participated	-	Biosensors and its Applications	Sadakathullah Appa College, Tirunelveli	Webinar
11/06/2020	Participated	-	Designing New Chiral Molecules for Asymmetric Organocatalysis	V.O.Chidambaram College, Thoothukudi	National Level Webinar
11/06/2020	Participated	-	Solid State Lasers	PG & Research Department of Physics, Pope's College, Sawyerpuram	International Webinar
09/06/2020	Participated	-	Webinar Series - Wissen 1.0	Bharathidasan college of arts and science, Erode	Webinar
06/06/2020	Participated	-	Patient Centric Healthcare Administration	Department of Computer Science, V.O.Chidambaram College	International Webinar
05/06/2020	Participated	-	Digital tools for interactive teaching	St. Xavier's College, Palayamkottai	National webinar
04/06/2020 to 06/06/2020	Participated	-	Recent Trends and Challenges in Advanced Physics	Nanjil Catholic College of Arts & Science, Kaliakkavilai	FDP
04/06/2020	Participated	-	Solar Energy: Introduction and Current Trends in India	Department of Electrical Engineering and Electronics & Communication Engineering	Webinar
31/05/2020	Participated	-	How to use open educational resources to desire	St. Mary's College (Autonomous), Thoothukudi	Webinar
30/05/2020	Participated	-	Nano - The Tiny Warrior - Engineering Nanomedicine and Drug Delivery System	Kongu Engineering College, Perundurai	International webinar

29/05/2020	Participated	-	An overview of E-content development	St. Mary's College (Autonomous), Thoothukudi	Webinar
29/05/2020	Participated	-	Waste to wealth – Catalytic approach	Aditanar College of Arts and Science, Tiruchendur	Webinar
28/05/2020 to 30/05/2020	Participated	-	Biomaterials on Healthcare Application	Karunya Institute of Technology and Sciences	International Webinar Conference
27/05/2020	Participated	-	Antiviral Marine Macroalgae Sulfated Polysaccharides to Boost Immunity As Well As Active against Respiratory Infections	St. Mary's College (Autonomous), Thoothukudi	Webinar
27/05/2020	Participated	-	Fine tuning your Research papers: Publication in SCOPUS, Web of Science indexed and ABDC rated Journals	Bharata Mata College, Thrikkaka, Kochi, Kerala	Webinar
22/05/2020	Participated	-	Bio Diversity	ECO Club, Mannar Thirumalai Naicker College, Madurai	Webinar
20/05/2020	Participated	-	Mind your minds during lockdown – To counter stress	Dept. of Mathematics, V.O. Chidambaram College, Thoothukudi	Webinar
16/05/2020	Participated	-	Antibiotic Stewardship	PG & Research Dept. of Tamil, APC Mahalaxmi College for Women, Thoothukudi	Webinar

15/05/2020 to 16/05/2020	Participated	-	Introduction to coordination chemistry	Shri Vyankatesh arts commerce & science college, Maharashtra	One week online course
15/05/2020 & 16/05/2020	Participated	-	American College Chemistry Webinar Series – I	Dept. of Chemistry, The American College, Madurai	Webinar
13/05/2020 & 14/05/2020	Participated	-	Mental health and psychosocial consideration during lockdown	St. Mary's College (Autonomous), Thoothukudi & Aadhi Foundation	Workshop
13/05/2020	Participated	-	E-content preparation - Finding copyright images & sounds	Loyola College of Education, Chennai	Webinar
07/05/2020	Participated	-	Principle and applications of Electronic spectroscopy	Dept. of Chemistry, Annai College of Arts & Science, Trichy	Webinar
04/05/2020	Participated	-	Significance of innovations in education before and after Corona pandemic	IQAC, V.O. Chidambaram College, Thoothukudi	Webinar
03/05/2020	Participated	-	How Nanoscience and Technology inspired from nature and transforming the world	PG Dept. of Physics, Cauvery College for Women, Trichy	Webinar
23/04/2020	Participated	-	Teacher to Educational Leader	Colombo Plan Staff College	Webinar
20/04/2020 to 06/05/2020	Participated	-	Managing Online classes and Co-creating MOOCs	Teaching learning centre, Ramamnujam college, University of Delhi	FDP

10/04/2020	Participated	-	e-Content development	Research Center for English Language	Webinar
12/03/2020	Paper Presented	A study of electro- catalyst for oxygen reduction at PANI modified GCE in naphthoquinone derivative	Emerging Trends in Chemistry	Pope's College (Autonomous), Sawyerpuram	UGC sponsored National Seminar
15/02/2020	Participated	-	E – Content Development	Holy Cross Home Science College, Thoothukudi	Faculty Development Programme
30/01/2020 & 31/01/2020	Participated	-	Advanced Materials (ICAM 2020)	Department of Biotechnology, St. Mary's College (Autonomous), Thoothukudi	International Conference
29/01/2020	Participated	-	Advanced Materials (ICAM 2020)	Department of Biotechnology, St. Mary's College (Autonomous), Thoothukudi	International Conference
20/01/2020	Participated	-	Innovation in Methodology – A Path for Outcome Based Research	St. Mary's College (Autonomous), Thoothukudi	National Seminar
02/01/2020 to 04/01/2020	Participated	-	Natural Products Research	St. Mary's College (Autonomous), Thoothukudi	Faculty Development Programme
13/12/2019	Paper Presented	-	Advanced Materials and Their Applications (ICAMA-2019)	V.O. Chidambaram College, Thoothukudi	International Conference
26/11/2019	Participated	-	Improving Teaching Practices – A Strategic Approach	Aadhi Foundation, Coimbatore at St. Mary's College (Autonomous), Thoothukudi	Faculty Development Programme
July – October 2019	Participated	-	Coordination Chemistry	NPTEL-AICTE	Faculty Development Programme
29/10/2019 & 30/10/2019	Participated	-	Transforming Institutional Climate	M. S. University, Tirunelveli	National Conference

23/09/2019	Participated	-	Google Docs	Annammal College of Education, Thoothukudi	Workshop
20/08/2019 to 22/08/2019	Participated	-	Basic Techniques in Molecular Biology	St. Mary's College (Autonomous), Thoothukudi	Faculty Development Programme
01/08/2019 & 02/08/2019	Paper Presented	A study of oxygen reduction at glassy carbon electrode modified with multi-walled carbon nanotube in naphthoquinone solution	Group Theory and its Applications in Chemistry	Nesamony Memorial College, Marthandam	National Seminar
18/07/2019 to 20/07/2019	Participated	-	Biostatistics and Bioinformatics	St. Mary's College (Autonomous), Thoothukudi	Faculty Development Programme
05/03/2019	Participated	-	Empowering Young Chemists	St. Mary's College (Autonomous), Thoothukudi	Workshop
20/02/2019	Participated	-	Hands on Training programme on Solar Appliances	St. Mary's College (Autonomous), Thoothukudi	Hands on Training programme
06/02/2019	Participated	-	Innovative Methods in Chemical Science	Pope's College, Sawyerpuram	Seminar
02/02/2019	Participated	-	Scholarly Writing and Publishing Research Papers	V.O.Chidambaram College, Thoothukudi	Workshop
27/12/2018	Paper Presented	-	Advanced Materials and Their Applications (ICAMA-2018)	V.O.Chidambaram College, Thoothukudi	International Conference
20/07/2018	Participated	-	Fostering Transparency: Routing out Plagiarism A to Z	St. Mary's College (Autonomous), Thoothukudi	National Seminar
27/06/2018 to 28/06/2018	Paper Presented	A study of oxygen reduction on MWCNT modified glassy carbon electrode	Sustainable Energy Technologies (i-SET 2018)	School of Physics and School of Chemistry, Bharathidasan University, Trichy	International conference

		with 2-amino-3-chloro-1,4-naphthoquinone			
19/04/2018 to 20/04/2018	Paper Presented	Electrochemical reduction of oxygen on Copper nanoparticle deposited glassy carbon electrode with 1,4-naphthoquinone and its derivatives	Recent Trends in Multi-Disciplinary Research (ICRTMDR – 2018)	IFERP, V.O.C. College, Thoothukudi	International conference
11/04/2018	Participated	-	Research in India –Current State and Future Prospects	Marian Research Forum, St.Mary's College (Autonomous), Thoothukudi.	National Seminar
09/12/2017	Participated	-	Academic and Research Integrity in the Digital World	Research Forum & Dept. of Library, St.Mary's College (Autonomous), Thoothukudi.	National Seminar
07/12/2017 to 08/12/2017	Paper Presented	Reduction of dioxygen on copper nanoparticle modified glassy carbon electrode with 5-hydroxy-1,4-naphthoquinone	Green Chemistry for Clean Environment (G2CE 2017)	Department of Chemistry, St.Mary's College (Autonomous), Thoothukudi.	National conference
14/10/2017	Paper Presented Third Prize	Catalysis of reduction of oxygen on glassy carbon electrode	Nano Science and Nano Technology (NSNT-2017)	Bosonia Club, Ignatius College of Education, Palayamkottai	National Seminar
26/09/2017	Participated	-	The Joy of Living – A Psychological Perspective	Department of Psychology, St.Mary's College (Autonomous), Thoothukudi.	International Seminar
12/09/2017	Participated	-	Global Climate Change – Current Trends And Management	Research Centre for Plant Science, Department of Botany, St.Mary's College (Autonomous),	International conference

				Thoothukudi.	
07/09/2017	Paper Presented (Poster) Second Prize	Dioxygen reduction at glassy carbon electrode in 1,4-naphthoquinone and its derivatives	New Vistas in Materials Science	Department of Chemistry & Research Centre, Sarah Tucker College, Tirunelveli.	International conference
22/08/2017 to 23/08/2017	Participated	-	Developments in Chemistry	Department of Chemistry, Kamaraj College, Thoothukudi.	Lecture workshop
27/01/2017 to 28/01/2017	Participated	-	Cosmic concerns: An interdisciplinary Dialogue in Applied Ethics	IQAC, St.Mary's College (Autonomous), Thoothukudi.	National conference
15/12/2016	Paper Presented	Electrocatalytic oxygen reduction at silver nanoparticle modified glassy carbon electrode with 5-hydroxy-1,4-naphthoquinone	Recent Trends in Material Science (RTMS-16)	PG & Research Department of Chemistry, Sarah Tucker College, Tirunelveli.	National Conference
21/03/2016 to 23/03/2016	Paper Presented	Catalytic oxygen reduction on silver nanoparticle modified glassy carbon electrode with 2-hydroxy-1,4-naphthoquinone	Frontier Areas in Chemical Technologies (FACTs -2016)	Department of Industrial Chemistry, Nanoscience & Technology and Bioelectronics & Biosensor, Alagappa University, Karaikudi.	International Conference
26/02/2016 to 27/02/2016	Participated	-	Recent Advances In Chemistry (RAC-2016)	PG & Research Department of Chemistry, V.O.C. College, Thoothukudi.	Lecture Workshop
21/01/2016 to	Paper Presented	Catalytic Oxygen Reduction on	Advanced	PG & Research	DST

22/01/2016		Silver Nanoparticle Modified Glassy Carbon Electrode with 1,4-Naphthoquinone	Materials and Their Applications(NCA MA)- 2016	Department of Chemistry, V.O.C. College, Thoothukudi.	Sponsored National Conference
21/12/2015	Participated	-	New Vistas In Chemistry	Department of Chemistry, A.P.C. Mahalaxmi College for Women, Thoothukudi	National Seminar
31/01/2014 to 01/02/2014	Participated	-	Institutional Quality Improvement: Role of Information and Communication Technology	IQAC, St.Mary's College (Autonomous), Thoothukudi.	National Seminar
21/08/2013	Participated	-	Recent Trends In Chemistry	PG Department of Chemistry (Unaided), V.O.C. College, Thoothukudi.	State Level Seminar
29/11/2012	Participated	-	National Symposium on Nanoscience (NSN-2012)	Department of Chemistry, St.Mary's College (Autonomous), Thoothukudi.	National Symposium
19/09/2011	Participated	-	Emerging Trends In Chemistry (ETC 2011)	Department of Chemistry, A.P.C. Mahalaxmi College for Women, Thoothukudi.	National Seminar

Papers Published

Paper Title	Author(s)	Journal	Year	Volume	Issue	Page No.
Catalytic Oxygen Reduction on Silver Nanoparticle Modified Glassy Carbon Electrode with 1,4-	J. Antony Rajam, A.Gomathi, C. Vedhi	Journal of Nanoscience and Technology ISSN: 2455-0191	2016	2	5	201-203

Naphthoquinone						
Analysis of reduction of oxygen at Silver Nanoparticle Modified Glassy Carbon Electrode in 5-hydroxy-1,4-Naphthoquinone	J. Antony Rajam, A.Gomathi, C. Vedhi	Marian Quest – A biannual Multidisciplinary Research Journal ISSN : 2249-7145	2017	6	-	65 - 76
Electrochemical reduction of oxygen on Copper Nanoparticle Deposited Glassy Carbon Electrode with 1,4-Naphthoquinone and its derivatives	J. Antony Rajam, A.Gomathi, C. Vedhi	International Journal of Recent Research Aspects ISSN : 2349-7688	2018	-	Special issue	972 - 976
Euphorbia Hirta as Green Corrosion Inhibitor for Mild Steel in Hydrochloric Acid	R. Anto Maria Jesili, J. Antony Rajam	Marian Quest – A Bi-annual Multidisciplinary Research Journal ISSN: 2249-7145	2019	8	-	65-76
Investigation on Electro catalytic Reduction of Oxygen in 2-Amino-3-Chloro-1,4-Naphthoquinone solution at Polyaniline Modified GCE	J. Antony Rajam, J. C. Nancy Silvia	Journal of Advanced Scientific Research, CSTSS ISSN: 0976-9595 (ScienSage)	2020	-	-	11-16.
A study on the electrocatalytic reduction of oxygen at polyaniline coated glassy carbon electrode in 9,10-phenanthrenequinone	J. Antony Rajam, K. Ambika	Studies in Indian Place Names (UGC Care Journal) ISSN: 2394-3114	March 2020	40	18	2830 - 2836

<i>Solanum surattense</i> extract as organic inhibitor on the corrosion of mild steel in HCl	J. Antony Rajam, C. Antony Chella Nisha	Studies in Indian Place Names (UGC Care Journal) ISSN: 2394-3114	March 2020	40	18	2820-2828
Electrochemical sensor using graphene oxide modified glassy carbon electrode for the determination of Ofloxacin	J. Antony Rajam, P. V. Vijaya Rani	Studies in Indian Place Names ISSN: 2394-3114	March 2020	40,	79	436-441
Fabrication of ZnS thin films by nebulizer spray pyrolysis technique for solar cell applications	A. Nirmala Shirley, G. Jeevarani Thangam, J. Antony Rajam , J. Jebaraj Devadasan	International Journal of Advanced Research in Engineering and Technology (IJARET) ISSN Print: 0976-6480 ISSN Online: 0976-6499	April 2021	12	4	7 - 14
Effectiveness of Social Media in Education	M. Sasikala, Dr. J. Antony Rajam , Dr. J. Maria Prema	Turkish Journal of Computer and Mathematics Education	2021	12	10	6430 – 6432
Educational Challenges of Transgender	M. Gnana Kamali, Dr. J. Antony Rajam , Dr. K. C. Bindhu, Dr. J. Maria Prema		2021	12	10	6430 – 6432
Fabrication and Characterization of <i>Manihot esculenta</i> and <i>Eleusine coracana</i> Starch-based Bioplastics plastisized with Glycerol	A.Sowmiya, J. Antony Rajam	Marian Quest – A Biannual Multidisciplinary Research Journal ISSN 2249-7145	November 2021	12	-	243 - 251
A Study of Green Inhibitor for Acidic Corrosion of Mild Steel	R. Anto Maria Jesili, J. Antony Rajam	International Journal of Scientific Research in Science and	2021	9	4	163-169

		Technology Print ISSN: 2395-6011; Online ISSN: 2395-602X				
Synthesis and Characterization of Bioplastic from <i>Avena sativa</i> and <i>Eleusine coracana</i>	M.Amirtha, J. Antony Rajam	Marian Quest – A Biannual Multidisciplinary Research Journal ISSN 2249-7145	May 2022	13	-	132 - 140
Biosynthesis, Characterization and Corrosion Inhibitory Efficiency of Silver Nanoparticles using Ascidiaceae	A. Arockia Jenecius Alphonse, M. Paripooranaselvi, M.I. Delighta Mano Joyce, J. Antony Rajam, C. Stella Packiam	European Chemical Bulletin	2023	12	10	10451 - 10461
Antioxidant Potential of Silver Nanoparticles Synthesized from Ascidiaceae	A. Arockia Jenecius Alphonse, M. Paripooranaselvi, M.I. Delighta Mano Joyce, R. Sri Priya, J. Antony Rajam	Egyptian Academic Journal of Biological Sciences B. Zoology ISSN 2090-0759	2024	16	1	239-247

Papers in proceedings

Paper Title	Author(s)	Proceedings	Year	Page No.
Catalytic oxygen reduction on silver nanoparticle modified glassy carbon electrode with 2-hydroxy-1,4-naphthoquinone	J. Antony Rajam, A. Gomathi, C. Vedhi	Frontier Areas in Chemical Technologies, ISBN: 978-81-928690-7-0	2016	50

Electrocatalytic oxygen reduction at Silver nanoparticle modified glassy carbon electrode with 5-hydroxy-1,4-naphthoquinone	J. Antony Rajam, A. Gomathi, C. Vedhi	New Advances in chemistry and materials ISBN: 978-93-5258-236-5	2016	45
Electrocatalytic reduction of oxygen on copper nanoparticle modified glassy carbon electrode with 1,4-naphthoquinone	J. Antony Rajam, A. Gomathi, C. Vedhi	Frontier Areas in Chemical Technologies, ISBN: 978-81-928690-7-0	2017	4 - 5
Dioxygen reduction at glassy carbon electrode in 1,4-naphthoquinone and its derivatives	J. Antony Rajam, A. Gomathi, C. Vedhi	New Advances in chemistry and materials ISBN: 978-93-5258-236-5	2017	53
A Study of oxygen reduction on MWCNT modified glassy carbon electrode with 2-amino-3-chloro-1, 4-naphthoquinone	J. Antony Rajam, A. Gomathi, C. Vedhi	Abstracts of the International Conference on Sustainable Energy Technologies (Iset2018) ISBN: 978-93-87526-18-1 (Paperback) 978-93-87526-19-8 (e-version)	2018	63
Copper nanoparticle modified glassy carbon electrode for oxygen reduction catalyst	J. Antony Rajam, A. Gomathi, C. Vedhi	National Conference on Energy Materials – 2018 ISBN: 978-93-81402-55-9	2018	29 - 30
Bacteria – mediated synthesis of Co ₃ O ₄ nanoparticles	S. Alwin David, J. Antony Rajam, P. Karpagavinayagam	International Conference on Multidisciplinary Approaches in Social Sciences, Humanities and Sciences ISBN: 978-93-87793-61-3	2018	1481 - 1485
Electrochemical sensor using graphene oxide modified glassy carbon electrode for the determination of Ofloxacin	J. Antony Rajam, P. V. Vijaya Rani,	UGC Sponsored Two Day National Conference on Materials in Sustainable Chemistry ISBN: 978-81-938054-8-0	September 2019	66 - 71.
Achieving Employability Skills of B.Sc., Chemistry Students in Pharmaceutical Industry Through	B. Suresh, J. Antony Rajam	International Conference on Transformative Pathways in Higher Education Andragogy in Futuristic Perspective ISBN: 978-93-94428-37-9	October 2022	-

Laboratory Skills and Practical Work				
Synthesis and Characterization of Bioplastic from <i>Oryza sativa l.indica</i> and <i>Setaria italica</i>	P. Jemima, J. Antony Rajam	International Conference on Recent Advancements in Chemical Sciences & Intellectual Property Rights - RACSIPR - 2023 ISBN: 978-81-19042-27-2	March 2023	16

Patents Published

Title of the Patent	Application No.	Date of Publication
Designing a Nanostructured Photovoltaics on Solar Panels to Increase the Efficiency of Solar Energy Utilization	202241039620	22.07.2022
Design of chitosan nanoparticle coated mini-implants for dental issues and analysis of their properties	202241071287	30.12.2022
Implementation of Techniques for Analysis of Photodetectors Embedded with Chemical Vapor Deposited Lead-free Bismuth Mixed Halide	202341022638 A	07.04.2023

Books Published

Title of the Book	Publication	ISBN	Year
Climate Change: Issues, Challenges and Control Measures (As Editor)	Multi Spectrum Publications	978-81-947114-9-0	2021
Climate Change: Impact on Environment (As Editor)	Multi Spectrum Publications	978-81-947114-0-7	2021
Kinetic and Mechanistic Approach to Oxidation Reaction (As Author & Editor)	Multi Spectrum Publications	978-81-947114-0-7	2023

Chapters Authored

Title of the Chapter	Title of the Book	Publication	ISBN	Year	Page No.
Polymer Nanocomposites	Research Trends in Chemical Sciences – Volume - 9	Akinik Publications	978-93-9042-0-01-8	2020	1 - 17

Tips for Implementing Blended Learning	Social Media in Teaching and Learning	ESN Publications	978-93-90188-02-4	2020	109 - 117
Gender and Curricular Issues	Women in Changing World: Issues & Challenges	Mittal Publications, New Delhi	81-8324-982-5	2020	
Status of Plantation Workers in India and Supportive Acts	Plantation Workers in India: Issues & Challenges	Mittal Publications, New Delhi	978-93-90692-21-7	2021	
Climate Change: Causes and Consequences	Climate Change: Issues, Challenges and Control Measures	Multi Spectrum Publications	978-81-947114-9-0	2021	57 - 65
Effects of Climate Change Caused by Human Beings	Climate Change: Impact on Environment	Multi Spectrum Publications	978-81-947114-0-7	2021	24- 32
Online Learning Resources	Education on Online Resources and Online Scams	DK International Research Foundation, Perambalur	978-81-945642-9-4	2021	59- 78
Prospects of carbon nanomaterial-based sensors for sustainable future	Carbon Nanomaterials-Based Sensors	Elsevier	https://doi.org/10.1016/B978-0-323-91174-0.00021-4	2022	417- 428
Covid – 19's Positive and Negative Impact	Impact of Covid – 19 on Human Health and Nature	Krishna Publication House	978-93-90627-21-9	2022	47 - 52
Influence of Covid – 19 – A review	Impact of Covid – 19 on Human Health and Nature	Krishna Publication House	978-93-90627-21-9	2022	53 - 58
Global Repercussion of Covid - 19	Impact of Covid – 19 on Human Health and Nature	Krishna Publication House	978-93-90627-21-9	2022	79 - 84

Future sustainability and sensitivity of nanostructured material-based electrochemical biosensors over other technologies	Novel Nanostructured Materials for Electrochemical Bio-sensing Applications	Science Direct	https://doi.org/10.1016/B978-0-443-15334-1.00020-1	2024	575-595
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Honours & Awards Received

Title of the Award	Presented by	Year
Best Editor Award	Multi Spectrum Publications	25 th May, 2021
Best Young Faculty Award	Tamilnadu Association of Intellectuals and Faculty (TAIF) & GRABS Educational Charitable Trust	13 th June, 2021
Young Scientist Award 2021	Institute of Researchers, Kerala, India	20 th September 2021
World Teacher Award 2021	Educational and Psychological Research Centre, Madurai & UK	5 th October, 2021
Research Excellence Award	Thannammal Educational Trust	15 th September 2022

As Resource Person

Date	Invited as	Topic / Event	Name of the Institution
24/06/2019 to 26/06/2019	Member	Evaluating and Assessing Committee	Karapettai Nadar Higher Secondary School, Thoothukudi
22/10/2019	Resource Person	Quality Enhancement through Institutional Assessment	Karapettai Nadar Higher Secondary School, Thoothukudi
12/12/2021	Evaluator	29 th National Children's Science Congress 2021	Kamaraj College, Thoothukudi
12/12/2021	Evaluator	30 th National Children's Science Congress 2021 (District Level)	St. Mary's Boys School, Thoothukudi
10/12/2022 & 11/12/2022	Evaluator	30 th National Children's Science Congress 2021 (State Level)	St. Mother Theresa Engineering College, Thoothukudi
25/01/2023	Judge for Poster presentation	International Seminar on Advanced Materials and Their Applications	Department of Chemistry & Research Centre, Aditanar College of Arts and Science, Tiruchendur

As Member in Professional Bodies

Year	Membership No.	Organization
2021	TAIF046M	TamilNadu Association of Intellectuals and Faculty (TAIF), Chennai
2021 till date	-	Lifetime Member of Institute of Researchers, Kerala, India.
09.08.2021 to 31.12.2021	PM07523198	Association of Pharmaceutical Research (APR)

Academic Body

Doctoral Committee Member

- Doctoral Committee Member for Ph.D. scholars at PG & Research Department of Chemistry, V.O.Chidambaram College, Thoothukudi affiliated to Manonmaniam Sundaranar University, Tirunelveli

Convener

- Served as a **Convener** for the Viva – Vice Examination for the Elementary School Teachers of Thoothukudi & Ramanathapuram Districts under the programme PDPET launched by National Institute of Open Schooling (NIOS) directed by MHRD on 26.01.2019.

Online Courses Completed

Duration	Course Title	Organised by	Grade
July – October 2019 (12 Weeks)	Coordination Chemistry	NPTEL - AICTE	61 % Elite
January – March 2020 (8 Weeks)	Chemical Applications of Symmetry and Group Theory	NPTEL	83 % Elite + Silver
January – February 2020 (4 Weeks)	Organometallic Chemistry	NPTEL	60 %
June 2021	Psychological First Aid	Coursera	-

Student Project Scheme

Name of the Student	Project title	Amount	Funding from	Sanctioned Date
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A. Jeya Prakash	Computational Chemistry Study of Schiff Base Complexes	Rs.10,000	TNSCST	10.02.2010
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Achievements

- Qualified SET Examination under General Category with 196 marks on 2016
- College topper in Allied Botany at B.Sc. Chemistry in the year 2002
- Best Out-going student of the department during the year 2002 - 2003

Responsibilities held

- Member of College Admission Committee from 2021 onwards
- Member of College choir since 2012
- Member of Orchestra from 2016 to 2021
- Member of College Magazine Committee in the academic year 2022 – 2023
- Member of College Synergy Committee
- External Examiner for Chemistry Major Project & Practicals
- Member of Board of Question Setter & Answer Script Evaluator in various Colleges
- District and State level Evaluator for School students' science project.