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Seminars/Workshops/FDP/ Conferences

Date	Paper Presented/ Participated	Title of the Paper	Title of Workshop/ Seminar/ FDP/ Conferences	Organized By	Type
20.08.24	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
01.07.24 - 10.07.24	Participated	-	NEP 2020 Orientation and Sensitization Programme	UGC: Malaviya Mission Teacher Training Centre, Bharathidasan University, Tiruchirappalli	FDP
22.01.24 - 12.04.24	Participated	-	Biophotonics	IIT Kharagpur	FDP
22.01.24 - 12.04.24	Completed	Biophotonics	NPTEL Course, Swayam	IIT Kharagpur	12 Week Course
13.03.24	Participated	-	Plagiarism: Ways and Means to Curb the Menace in AI World	Library Committee, St. Mary's College (Autonomous), Thoothukudi	Webinar

16.02.24	Participated	-	Recent Advancements in Material Science and Nuclear Energy Research	Department of physics, Govt. Arts College, Kovilpatti	International Conference
20.01.24	Participated	-	Navigating Consultancy, Filling Patent and Designing Research Article : Insights and Strategies	Marian Research Forum and IQAC, St. Mary's College (Autonomous), Thoothukudi	National Seminar
13.12.23	Participated	-	Design Thinking, Critical Thinking and Innovation Design	IIC, St. Mother Theresa Engineering College, Vagaikulam	Webinar
06.11.23 - 10.11.23	Participated	-	Academic Social Responsibility and Best Pedagogical Practices	Department of Basic Science and Humanities, IEM Kolkata	FDP
26.09.23 - 04.10.23	Participated	-	Research methodology	IQAC and Academic Staff College, Dr. M.G.R Educational and Research institute , Chennai	One week FDP
23.09.23	Participated	-	Nano Composites	Department of Physics, School of Science & Humanities, Sathyabama Institute of Science of Technology	Webinar

11.08.23	Participated	-	Artificial Intelligence (AI) tools for Education with special Reference to Chat GPT, GPT 4 & LAMMA	Library Committee and IIC, St. Mary's College (Autonomous), Thoothukudi with SALIS-Tirunelveli Chapter	National Seminar
11.07.23	Participated	-	Incubation Opportunities For Students and Faculties	IIC, Mother Theresa Engineering College, Vagaikulam	Webinar
25.02.23	Participated	-	Advanced Materials for Fifth Generation (5G) Wireless Communication Technology	Center for Research and Education in Social Integration and HR Development and Indian Ceramic Society , Hyderabad Chapter	International Webinar
08.02.23	Participated	-	Mental Health Through Cyber Security and Safe Social Media	Department of Psychology, Mary's College (Autonomous), Thoothukudi	Webinar
07.02.23	Participated	-	Keys to Publish in High Impact Journals	Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi	International Webinar
19.11.22	Participated	-	Patent Filling Process in India	Department of Computer Science (UG & PG), St. Mary's College (Autonomous), Thoothukudi	Webinar
06.09.22	Participated	-	Shikshak Parv- NEP 2020: Changing Role of Teachers	UGC, MHRD & Jawaharlal Nehru University, New Delhi	Online National Workshop

30.08.22	Participated	-	Nuclear Energy For Sustainable Development of India & A Solution to Climatic Changes	Kudangulam Nuclear Power Project (KKNPP) and PG & Research Department of Physics, Pope's College (Autonomous), Sawyerpuram	State level Seminar
29.07.22	Participated	-	IP Awareness/ Training Programme	NIPAM, Intellectual Property Office, India	Awareness/ Training Programme
20.07.22 - 27.07.22	Participated	-	Advanced Computational and Experimental Research in Physics-2022	Department of Physics, SRM Institute of Science and Technology , Ramapuram Campus, Chennai	FDP
07.05.2022	Participated	-	Online Reference Management Tools for Manuscripts and Theses	Library Committee and Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi	National Webinar
24.01.2022 - 24.04.2022	Completed	Non-Conventional Energy Resources	NPTEL-AICTE(Funded by MoE, Govt. of India)	IIT Madras	STC (12 Week Course)
24.01.2022 - 24.04.2022	Completed	Non-Conventional Energy Resources	NPTEL-AICTE(Funded by MoE, Govt. of India)	IIT Madras	FDP
18.04.22 - 24.04.22	Participated	-	Enhancing Quality by Unearthing Innovative Practices-EQUIP 2022	IQAC , Mannar Tirumalai Naicker College, Madurai & A P C Mahalakshmi College For Women, Thoothukudi in Collaboration with IQAC Cluster	One week Online FDP

21.03.22 - 25.03.22	Participated	-	Advanced Computational Methods in Energy & Power Sector	Electrical Engineering Department, Engineering College, Bikaner (Rajasthan) & Sponsored by TEQIP-3	One week Online FDP
07.03.22 - 16.03.22	Participated	-	Recent Advancements in Sustainable Development through Renewable Energy Systems	Electrical Engineering Department, Engineering College, Bikaner (Rajasthan) & Sponsored by TEQIP-3	Two Weeks Online FDP
03.03.22 & 04.03.22	Participated	-	Climate Change and Future Challenges	Marian Star Centre, Department of Botany, St. Mary's College (Autonomous), Thoothukudi, sponsored by the Department of Biotechnology, New Delhi	International Webinar
01.03.22	Participated	-	Importance of IP in Scientific Research - An Overview	Marian Research Forum St. Mary's College (Autonomous), Thoothukudi	International Webinar
24.02.22	Participated	-	Indian Science Technology and Engineering Facilities Map (I-STEM): A Multidimensional Gateway to Researchers/ Faculties/ Scientists	Department of Physics, SRM Institute of Science and Technology, Chennai	Webinar

18.02.22 - 23.02.22	Participated	-	Smart Materials For New Technology	Department of Physics, St. Mary's College (Autonomous), Thoothukudi Sponsored by DBT, New Delhi	International FDP
07.02.22 - 08.02.22	Participated	-	Astronomical Studies	PG and Research Department of Physics, Jammal Mohamed College (Autonomous), Trichy & Chiguru Colab, Bangalore	FDP
24.01.22 - 18.02.22	Completed	Electronic Waste Management - Issues and Challenges	NPTEL- AICTE(Funded by MoE, Govt. of India)	IIT Kharagpur	STC (4 Week Course)
24.01.22 - 18.02.22	Completed	Electronic Waste Management - Issues and Challenges	NPTEL- AICTE(Funded by MoE, Govt. of India)	IIT Kharagpur	FDP
24.01.22 - 25.01.22	Participated	-	Condensed Matter Physics	PG & Research Department of Physics & IQAC, Jammal Mohamed College (Autonomous), Trichy in collaboration with ISPA , Chennai	FDP
17.01.22 - 21.01.22	Participated	-	Tools and Techniques in Characterizatio n of Compounds	CSIR- Central Electrochemical Research Institute, Karaikudi & Dr. Umayal Ramanathan College for women, Karaikudi	One week FDP

10.01.22	Participated	-	Library without walls: E-Resources through NLIST	Library Committee, St. Mary's College (Autonomous), Thoothukudi	Hands-on Tutorial
17.12.21	Participated	-	Quality Research Proposal and Publications	Marian Research Forum and Mathematics Research Forum, St. Mary's College (Autonomous), Thoothukudi	Workshop
23.11.21 - 27.11.21	Participated	-	Nanomaterials	Department of Physics, St. Mary's College (Autonomous), Thoothukudi sponsored by DBT, New Delhi	International FDP
20.11.21	Participated	-	Overview of MEMS and its Recent Applications	Electrical and Electronics Engineering, DMI College of Engineering, Chennai	State Webinar
13.09.21 - 25.09.21	Participated	-	Advanced Computational and Experimental Research in Physics	Department of Physics, SRM Institute of Science and Technology, Ramapuram Campus, Chennai	Two Week International FDP
17.08.21	Participated	-	Nurturing Gender Sensitivity	St. Ignatius College of Education, Palayamkottai	State Webinar
9.08.21 & 10.08.21	Participated	-	Multifunctional Advanced materials (VICMAM-2021)	JVM's Degree College in collaboration with Association of Chemistry Teachers (ACT)	Virtual International Conference

02.08.21 - 07.08.21	Participated	-	Recent Research Advances Materials: Waste Water Treatment	Department of Science & Humanities, BIET and Indian Ceramic Society, Hyderabad, Telangana	National FDP
26.07.21 - 30.07.21	Participated	-	Revised NAAC Framework Guidelines-2020 for Non Accredited Affiliated Colleges under UGC PARAMARSH Scheme	IQAC, VOC, Thoothukudi	One Week National Level Virtual FDP
24.07.21	Participated	-	MODEL BASED DEVELOPMENT OF MULTI - PHYSICS SYSTEM	Electrical and Electronics Engineering, DMI College of Engineering, Chennai	National Webinar
24.07.21	Participated	-	Multifarious Applications of Chemical Sciences- Young Researchers Meet	Department of Chemistry, SOT, Pandit Deenadayal Energy University, Gandhigram, Gujarath	National Webinar
22.07.21 & 23.07.21	Participated	-	Sensors and Applications	Department of Physics, Auxilium College (Autonomous), Vellore, Tamil Nadu, India.	International Webinar
22.07.21	Participated	-	Twinkle Twinkle little Stars! How I wonder what you are!!	Department of Applied Physics, Karunya Institute of Technology and Sciences, Coimbatore	National Webinar

22.07.21	Participated	-	Systematic Research Methodology - A Transformative Tool for Scientific Research	Marian Research Forum, St. Mary's College(Autonomous), Thoothukudi	International Webinar
20.07.21	Participated	-	Basics of Crystallography and XRD	Department of Physics, SRM Institute of Science and Technology, Ramapuram Campus, Chennai	National Webinar
17.07.21	Participated	-	Multifarious Applications of Chemical Sciences- "Role of Chemical Sciences in Industries	Department of Chemistry, SOT, Pandit Deenadayal Energy University, Gandhigram, Gujarath	National Webinar
12.07.21 - 17.07.21	Participated	-	Advance Topics in Physics	St. Mary's College (Autonomous), Thoothukudi	National FDP
10.07.21	Participated	-	Multifarious Applications of Chemical Sciences- "Role of Chemical Sciences in Energy and Environment"	Department of Chemistry, SOT, Pandit Deenadayal Energy University, Gandhigram, Gujarath	National Webinar
09.07.21	Participated	-	Recent Trends in EV Technology	Electrical and Electronics Engineering, DMI College of Engineering, Chennai	National Webinar

8.7.21	Participated	-	The Magnificent Sun-Our Star	Department of Applied Physics, Karunya Institute of Technology and Sciences, Coimbatore	State Webinar
3.07.21	Participated	-	Advances in Chemical Sciences (ACS)	Department of Chemistry, Pandit Deenadayal Energy University, Gandhinagar , Gujarat	National Webinar
1.07.21	Participated	-	The Dark side of the Universe	Department of Applied Physics, Karunya Institute of Technology and Sciences, Coimbatore	State Webinar
28.06.2021 - 03.07.2021.	Participated	-	Research Practices in Thermo-Fluid and Renewable Energy Systems	Department of mechanical engineering, Sreenidhi Institute of Science and Technology, Yamnampet, Ghatkesar, Hyderabad, Telangana	National FDP
28. 06.2021 - 02.07.2021.	Participated	-	Emerging Trends in Thermal and Renewable Energy Systems	Department of Mechanical Engineering, Lakireddy Bali Reddy College of Engineering, Mylavaram, Krishna (Dt.), Andhra Pradesh, India	One Week National Online FDP
26.06.21 - 01.07.21	Participated	-	Green Technology & Sustainable Engineering	Bhilai Institute of Technology, Raipur, Chhattisgarh.	National AICTE-CSV TU TTP

24.06.21 - 30.06.21	Participated	-	Skill Requisites for a successful Career	Pearl Research Centre for History, Culture and Tourism, St. Mary's College (Autonomous), Thoothukudi	7 Days International Webinar Series
24.06.21	Participated	-	Nanostructures for Applications Fabricated via the Electrospinning Technique	Department of Physics, St. Mary's College (Autonomous), Thoothukudi	International Webinar
24.06.21	Participated	-	The Next Generation Planetary Hunters	Department of Applied Science, Karunya Institute of Technology and Sciences, Coimbatore	National Webinar
22.06.21	Participated	-	Fast Forward to Energy Sustainability: The Indian Fast Breeder Reactor Programme	Department of Applied Science, Karunya Institute of Technology and Sciences, Coimbatore	National Webinar
21.06.21 - 23.06.21	Participated	-	Research Approach and Nano Material Applications	IQAC and PG Department of Physics, Annai College of Arts and Science	Online Live National Webinar
18.06.21	Participated	-	How To Successfully Write A Journal Paper And Project Proposal	Department of Electrical and Electronics Engineering, DMI College of Engineering, Chennai	National Webinar
17.06.21	Participated	-	Magnetic Smart Materials	Department of Physics and Research Centre & IQAC, Nesamony Christian College, Marthandam	National Webinar

17.06.21	Participated	-	A preparatory Session for NET/SET Paper I & II	Department of Computer Science, Patrician College of Arts & Science, Chennai	State
17.06.21	Participated	-	Occupational Safety and Health (OSH) in TVET	Colombo Plan Staff College	International Webinar
16.06.21	Participated	-	Strengthening Research Strategies	Department of Mechanical Engineering, DMI College of Engineering, Chennai	National FDP
15.06.21	Participated	-	The Radical Strength of the Atom: Peaceful Applications of the Nucleus	Department of Applied Science, Karunya Institute of Technology and Sciences, Coimbatore	National Webinar
14.06.21 - 19.06.21	Participated	-	Mental Health Care and Covid 19	PG & Research Department of Social Work and Department of Psychology, Sree Saraswathi Thiagaraja College, Pollachi	6 Days National FDP
14.06.21 - 18.06.21	Participated	-	Innovation to Start up	IIC, Kumarakuru College of Technology, Coimbatore	National Webinar Series
14.06.21	Participated	-	Prototype Validation- Converting prototype into a Start Up	NITTE, Menakshi Institute of Technology, Bangalore, Karnataka	National Webinar
8.06.21 & 9.06.21	Participated	-	Empowering Minds- A Wellness Program	Department of Psychology, Stella Maris College (Autonomous), Chennai	State Webinar

8.06.21	Participated	-	India's Three Stage Nuclear Power Programme: Envisioning the Dream of Dr. Homi Jehangir Bhabha	Department of Applied Physics, Karunya Institute of Technology and Sciences, Coimbatore	State Webinar
5.06.21	Participated	-	Reimagine, Recreate and Restore the Environment	PG & Research Department of Botany, Holly Cross College (Autonomous), Nagercoil	State Webinar
5.06.21	Participated	-	Opportunities and Approaches to get National and International Workshop	Department of Physics, Noorul Islam Centre for Higher Education, Kumaracoil, KK District	National Webinar
3.06.21 - 5.06.21	Participated	-	Capacity Building Programme for Future Physicists	PG & Research Department of Physics, Sakthi College of Arts & Science, Oddanchatram	FDP
31.05.21	Participated	-	Progress in Activated Carbon - based Supercapacitors	Aaivaler Materials Society (AmatS), Aaivalayam, Coimbatore	Webinar
28.05.21	Participated	-	Advanced Nanomaterials for Sustainable Development and Energy Applications	Department of Physics, SRM Institute of Science and Technology, Ramapuram Campus, Chennai	National Seminar

26.05.21 - 31.05.21	Completed	-	Graphics Design	Marian Star Centre, St. Mary's College (Autonomous), Thoothukudi	National Level Short Term Course
26.05.21	Participated	-	Post - Genomic Era: Towards Rapid Phenotyping with Human-(Machine Learning) Interaction in Precision Medicine	Aaivaler Materials Society (AmatS), Aaivalayam, Coimbatore	Webinar
24.05.21 - 29.05.21	Participated	-	Fabrication and Characterization of Optoelectronic and Photonic Devices	Department of ECE, Swarnandhra College of Engineering & Technology, Kakinada	STTP
21.05.21	Participated	-	Self Healable neuromorphic memtransistor elements for decentralized sensory signal processing in robotics	Aaivaler Materials Society (AmatS), Aaivalayam, Coimbatore	Webinar
17.05.21 - 22.05.21	Participated	-	Emerging Trends in Nano Materials for Electronic and Optoelectronic Devices (Series II: Fabrication and Characterization of Nanoelectronic Devices)	Department of Electronics and Communication Engineering, Swarnandhra College of Engineering & Technology (Autonomous), Kakinada.	One Week AICTE sponsored online Short Term Training Programme

19.05.21	Participated	-	Covid 19 Variants-Health and Safety	Department of Microbiology & Covid Cell, St. Mary's College (Autonomous), Thoothukudi.	Webinar
10.05.21 - 15.05.21	Participated	-	Emerging Trends in Nano Materials for Electronic and Optoelectronic Devices (Series I: Synthesis and Functionalization of Nanomaterials)	Department of Electronics and Communication Engineering, Swarnandhra College of Engineering & Technology (Autonomous), Kakinada.	One Week AICTE sponsored online Short Term Training Programme
6.05.2021 - 11.05.2021	Participated	-	Computational Biology	PG & Research Department of Zoology, St. Mary's College (Autonomous), Thoothukudi, Department of Zoology Rani Anna College for Women, Tirunelveli & DBT, New Delhi	National FDP
5.05. 2021	Participated	-	Advanced Lithographic Techniques For Micro & Nano Fabrication Systems	Aaivaler Materials Society (AmatS), Aaivalayam, Coimbatore	Webinar
1.05.2021 - 5.05. 2021	Participated	-	Journey from Semiconductor Physics to Smart Devices to Intelligent Automation	PG Department of Physics, NIT, Srinagar & Semiconductor Society of India	Short Term Course

29.04.2021 & 30.04.2021	Presented	Studies of ZnS Thin Films Synthesized by Nebulizer Spray Pyrolysis Technique for Solar Cell Applications	Recent Trends in Science and Technology	Marian Star Centre, PG and Research Department of Botany, St. Mary's College (Autonomous), Thoothukudi.	International E- Conference
26.04.2021	Participated	-	Packaging Strategies in semiconducting materials based devices	Aaivaler Materials Society (AmatS), Aaivalayam, Coimbatore	Webinar
16.04.2021 & 17.04.2021	Participated	-	Technological Advancements in Science (NWTAS 2021)	DBT, School of Physical Sciences, St. Mary's College (Autonomous), Thoothukudi & Kamaraj College, Thoothukudi	National Webinar
31.03.2021	Presented	Fabrication of ZnS Thin Films By Nebulizer Spray Pyrolysis Technique For Solar Cell Applicatios	Recent Advance ments in Civil and Mechanical Engineering	Department of Civil and Mechanical Engineering, DMI College of Engineering, Chennai.	International e-Conference
25.03.2021 - 27.03.2021	participated	-	Functional Materials and their Applications (FMA-2021)	Department of Physics, Science and Humanities, Andhra Loyola Institute of Engineering & Technology	International Webinar
25.03.2021 - 27.03.2021	participated	-	Energy Storage Technology for E- Mobility (IWESTE-2021)	Department of Chemistry, SRMIST, Chennai	International Workshop

18.03.2021	participated	-	Development of Sustainable Bioplastic Products from renewable resources: Opportunities and Challenges	Department of Microbiology, St. Mary's College (Autonomous), Thoothukudi	International Webinar
16.03.2021	participated	-	Intellectual Property Rights (IPR'S) and IP Management for StartUp	IIC, Library & IQAC, St. Mary's College (Autonomous), Thoothukudi	State Workshop
15.03. 2021	participated	-	Intellectual Property Rights (IPR'S) and Patents	IQAC and IIC, Rajashri Shahu Mahavidyalaya (Autonomous), Thoothukudi	National Workshop
12.03.2021	participated	-	Theory Building Research	Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi	International Webinar
8.03.2021 - 12.03.2021	participated	-	Quality Engineering and Technological Advances in Materials and Devices	Department of Physics, School of Basic Sciences & Research, Sharda University	One Week online Workshop cum FDP
1.03.2021	participated	-	Challenges for Gen-next Scientists	Department of Physics, St. Mary's College (Autonomous) Thoothukudi.	Webinar
15.02.2021	Participated	-	Advanced Functional Materials (IWAFM)	PG and Research Department of Physics, Holy Cross College (Autonomous), Tiruchirappalli.	International
12.02.2021	Participated	-	Academic Visibility in the Digital World	Department of Library, St. Mary's College (Autonomous), Thoothukudi.	National

09.02.2021 - 13.02. 2021	Participated	-	Flexible and Wearable Antennas & Applications	Regional College for Education Research & Technology, Jaipur	Five Days National Workshop
10.12.2020	Participated	-	Department of Commerce-Professional Accounting & Finance, Hindusthan College of Arts and Science, Coimbatore	Online Quiz	National Level Quiz
08.12.2020	Participated	-	Department of Physics, The National Institute of Engineering, Mysuru	An Introductory workshop on Virtual Physics Lab	National Workshop
06.11.2020 - 08.11.2020	Participated	-	PG Department of Chemistry and Computer Science, St. Mary's College (Autonomous), Thoothukudi.	Online Teaching and Learning Tools.	National Webinar
31.10.2020	Participated	-	Department of Library and Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi.	Increasing visibility in the Research World Using Academic and Social Media.	National Webinar
09.08.2020	Participated	-	IQAC, Government Arts and Science College (Women), Sathankulam.	Online Teaching: Make it Easy	State Webinar
06.08.2020	Participated	-	Department of physics (SF), Kamaraj College, Thoothukudi.	Quantum Materials and Nanoparticles for Advanced Applications.	International Webinar

27.07.2020 – 08.08.2020	Participated	-	Department of Physics, SRM Institute of Science and Technology, Chennai.	Advances in Computational and Experimental Research in Physics	National Webinar
24.07.2020	Participated	-	Department of Physics, Gandhigram University.	Multifaceted Nanotechnology: A Reliable Strategy for Pandemic Mitigation	National Webiar
24.07.2020	Participated	-	Department of Applied Physics, Karunya Institute of Technology and Sciences, Coimbatore.	Are we alone in the Universe?	National Webinar
23.07.2020 & 24.07.2020	Participated	-	IQAC, St. Xavier's College, Palayamkottai.	ICT Tools for Teaching	National Webinar
18.07..2020	Participated	-	AISSMS College of Engineering.	Workshop on Virtual Labs	National Workshop
18.07.2020	Participated	-	Department of Chemistry & Research, AnnaiVelankanni College, Tholayavattam.	Advancement in Nano-Technology	International Webinar
17.07.2020	Participated	-	School of Physical Sciences, St. Mary's College (Autonomous), Thoothukudi	Enticing ways to Reinvent basics of Nanoscience	National Webinar
17.07.2020	Participated	-	Department of Physics, APC Mahalakshmi College for Women, Thoothukudi.	Dating Geo-Archaeological Materials using Luminescence	National Webinar

17.07.2020	Participated	-	Nanjil Catholic College of Arts & Science	Nano-Structures-Gas sensing	National Webinar
17.07.2020	Participated	-	IQAC & Department of Physics, Adithanar College of Arts & Science.	Greening the Red Planet	National Webinar
16.07.2020	Participated	-	IQAC, St. Xavier's College, Palayamkottai	Online Education Obstacles & Solutions	National Webinar
16.07.2020	Participated	-	PG Department of Physics, V O Chidambaram College, Thoothukudi.	Preparation Methods and Deposition Techniques of Nanostructures	National Webinar
15.07.2020	Participated	-	Department of Physics, A.P.C Mahalaxmi College for Women, Thoothukudi.	Surface Ozone Air Pollution and its impacts on the Environment	State Webinar
13.07.2020 - 15.07.2020	Participated	-	Department of Physics, Fatima College, Madurai	Advanced Materials	International Webinar
11.07.2020	Participated	-	PG Physics Research Centre, St. John's College, Palayamkottai	Science Talk on Applications of Radiations in Material Sciences	State Webinar
11.07.2020	Participated	-	IQAC, St. Mary's College (Autonomous), Thoothukudi	Webinar on Learning to live with COVID-19: Embracing the new reality	National Webinar
10.07.2020	Participated	-	IQAC, St. Mary's College (Autonomous), Thoothukudi	Webinar on An update on COVID -19	International Webinar

09.07.2020	Participated	-	Department of Physical Education, St. Mary's College (Autonomous), Thoothukudi	Sports Quiz	State Level Quiz
09.07.2020	Participated	-	Department of Physics, Kamaraj College, Thoothukudi	Webinar on Smart Materials and Applications	State Webinar
08.07.2020	Participated	-	Department of Applied Physics, Karunya Institute of Technology & Sciences, Coimbatore	Webinar on The Exciting Story of Exoplanets	International Webinar
03.07.2020 - 05.07.2020	Participated	-	IQAC, Annammal College of Education For Women, Thoothukudi	Webinar on Qualitative and Quantitative Metrics in NAAC's Self Study report For Teacher Education Institutions	National Webinar
02.07.2020 - 04.07.2020	Participated	-	Department of Corporate Secretaryship, Patrician College of Arts and Science	FDP on Enhancing Knowledge Skill and Development	International FDP
02.07.2020	Participated	-	Department of Physics, A.P.C. Mahalaxmi College For Women, Thoothukudi	FDP on Virtual Learning Platform for Experimental Science	State FDP
01.07.2020 - 06.07.2020	Participated	-	Swami RamanandTeert hMarathwad University, Nanded	FDP on Pedagogical Training for Teachers on Tools for Online Teaching, Learning	National FDP

30.06.2020 - 04.07.2020	Participated	-	IQAC, St. Joseph's College, Trichy	FDP on Inclusive Procedures & Processes in Assessment & Accreditation by NAAC	State FDP
29.06.2020	Participated	-	PG & Research Department of Physics, Pope's College, Sawyerpuram	Quiz on Nanobuzz	State Level Quiz
28.06.2020	Participated	-	Department of Counselling, St. Mary's College (Autonomous), Thoothukudi	Webinar on Stress Management	National Webinar
26.06.2020	Participated	-	Department of Applied Physics, Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur	Webinar on Nuclear Magnetic Resonance (NMR): Material Characterization & Applications	State Webinar
26.06.2020	Participated	-	Colombo Plan Staff College	Webinar on Career Counseling & Vocational Guidance	International Webinar
26.06.2020	Participated	-	Aditanar College of Arts and Science, Tiruchendur	Webinar on Recent Advances in Material Science and Technology	International Webinar
25.06.2020	Participated	-	PG & Research Department of Physics, MDT Hindu College, Tirunelveli	Webinar on Thin Film Deposition Techniques and its Applications	International Webinar
24.06.2020	Participated	-	IQAC, St. Anne's First Grade College For Women, Bangaluru	Webinar on Blended Learning & Innovative Teaching	National Webinar

21.06.2020	Participated	-	NSS Unit 88, Pioneer Kumaraswamy College, Nagercoil	Quiz on International Yoga Day	State Level Quiz
19.06.2020	Participated	-	Department of Commerce & Management, R.R. Institute of Management Studies, Bangaluru	Quiz on International Day of Yoga 2020	National Level Quiz
18.06.2020	Participated	-	Department of Physics, Kamaraj College, Thoothukudi	Webinar on Advances in Crystal Growth & Nanomaterials	State Webinar
17.06.2020	Participated	-	IQAC, St. Xavier's College (Autonomous), Palayamkottai	Webinar on Accelerating Education 4.0- using ICT Tools- Post COVID Paradigm	International Webinar
17.06.2020	Participated	-	Poornima College of Engineering, Jaipur	Webinar on Quintic & Quinticated Non- Linear Oscillators	National Webinar
15.06.2020 - 19.06.2020	Participated	-	Bharat Institute of Engineering & Technology	FDP on Advanced Materials Research	National FDP
15.06.2020 - 19.06.2020	Participated	-	Department of Science and Humanities, St. Peter's Engineering College & IIT Bombay	FDP on Scilab	National FDP
15.06.2020 - 17.06.2020	Participated	-	Under UGC, Stride Component- 1, V.O. Chidamb aram College, Thoothukudi	FDP on Research Capacity Building	National FDP

15.06.2020 & 16.06.2020	Participated	-	Department of Physics, Servite Arts and Science College For Women, Karur	Webinar on Material Sciences	International Webinar
15.06.2020	Participated	-	Department of Physics, St. Xavier's College, Tirunelveli	Quiz on Physics is Fun	State Level Quiz
13.06.2020	Participated	-	Department of Mathematics (SSC), St. Mary's College (Autonomous), Thoothukudi	Webinar on Mathematical Paradoxes	State Webinar
12.06.2020	Participated	-	IQAC, V.O. Chidambaram College, Thoothukudi	Webinar on What Next?	State Webinar
12.06.2020	Participated	-	Department of Chemistry, Govt.Arts College, Salem	Webinar on NET Spectroscopy	National Webinar
11.06.2020	Participated	-	PG & Research Department of Physics, Pope's College, Sawyerpuram	Webinar on Solid State Laser	International Webinar
11.06.2020	Participated	-	Department of Physics and Research Centre, AnnaiVelankanni College, Tholaiyavattam, KanyaKumari District	Webinar on Radioactivity in Environment	State Webinar
10.06.2020 - 12.06.2020	Participated	-	Department of Chemistry, TDMNS College, Tirunelveli	Quiz on Organic Spectroscopy-2020	State Level Quiz

10.06.2020 - 11.06.2020	Participated	-	PG & Research Department of Physics and IQAC, MDT Hindu College, Tirunelveli	Quiz on Nobel Laureats	State Level Quiz
09.06.2020	Participated	-	PG & Research Department of Physics, Pope's College, Sawyerpuram	Webinar on Marvels & Mysteries of the Universe	State Webinar
08.06.2020- 14.06.2020	Participated	-	School of Advanced Sciences, Department of Physics, Kalasalingam Academy of Research and Education, Krishnankoil	FDP on Physics of Materials	National FDP
08.06.2020	Participated	-	Department of Microbiology, St. Mary's College (Autonomous), Thoothukudi	Webinar on Stemcell therapy in COVID 19; Present or Future	State Webinar
06.06.2020	Participated	-	Department of Tamil & IQAC, St. Mary's College (Autonomous), Thoothukudi	Webinar on TamizhukkanaIna yaVazhangal	State Webinar
06.06.2020	Participated	-	Research Department of Chemistry, SadakathullaAp pa College, Tirunelveli	Webinar on Nano Materials	National Webinar
06.06.2020	Participated	-	Placement Cell, CSI JayarajAnnapac kiyam College, Nallur	Webinar on Confidence Building	State Webinar

05.06.2020	Participated	-	PG and Research Department of Physics & IQAC, MDT Hindu College, Tirunelveli.	Quiz on Scientists	State Level Quiz
04.06.2020-08.06.2020	Participated	-	Pearl Research Center for History, Culture & Tourism, St. Mary's College (Autonomous), Thoothukudi	Quiz on Freedom Struggle in India	State Level Quiz
04.06.2020-06.06.2020	Participated	-	Department of Physics and Research Centre, Nanjil Catholic College of Arts and Science, Kalliyakkavilai	FDP on Recent Trends and Challenges in Advanced Physics	State FDP
04.06.2020	Participated	-	Department of Social Work, American College, Madurai & IJM	Webinar on Human Trafficking & COVID 19	State Webinar
03.06.2020	Participated	-	Department of Physics, LRG Government Arts College, Tirupur	Webinar on Advanced Materials IWAM-2020	International Webinar
03.06.2020	Participated	-	Servite Arts & Science College for Women, T. Idaiyapatti, Thogamalai	Webinar on Effective usage of ICT Tools for Higher Education	International Webinar
02.06.2020	Participated	-	IQAC, St. Mary's College (Autonomous), Thoothukudi	FDP on Invisible Scholars: Students with Learning Disabilities & Identification of Students with Learning Disabilities	International FDP

02.06.2020	Participated	-	Department Of Physics , St. Mary's College (Autonomous), Thoothukudi	Webinar on Introduction to Geographic Information System (GIS)	State Webinar
31.05.2020	Participated	-	Department Of Physics (SSC), St. Mary's College (Autonomous), Thoothukudi	Webinar on How to use Open Educational Resources to Desire	National Webinar
30.05.2020	Participated	-	IQAC & Career Guidance & Placement Cell, St. Mary's College (Autonomous), Thoothukudi	Webinar on Young Professionals: Plotting a Career Path... Post Pandemic	State Webinar
30.05.2020	Participated	-	Department of Psychology, St. Mary's College (Autonomous), Thoothukudi	Webinar on Family Enrichment	State Webinar
30.05.2020	Participated	-	Department of Computer Science Government Arts & Science College (Women), Sathankulam, Tuticorin District	Smart Mind Quiz	State Level Quiz
29.05.2020	Participated	-	Department Of Physics (SF), Kamaraj College, Thoothukudi.	Quiz on Science Technology & Development 2020	State Level Quiz
28.05.2020	Participated	-	Department. Of Physics, St. Mary's College (Autonomous), Thoothukudi	Webinar on Lessons of Lockdown: Magnitude of "The Butterfly Effect"	State Webinar

26.05.2020	Participated	-	Department. Of Chemistry, St. Mary's College (Autonomous), Thoothukudi.	FDP on Chemistry of COVID-19- Threat to Global Public Health	State FDP
25.05.2020	Participated	-	Department Of Physics, V.O. Chidambaram College , Thoothukudi	Webinar On History of Nuclear Fission	State Webinar
22.05.2020	Participated	-	Department of Physics, Kumaraguru College of Technology, Coimbatore	Webinar on Shock Waves- A Potential Tool for Tailoring Materials Property	State Webinar
21.05.2020	Participated	-	Department. Of Chemistry, V.O. Chidambaram College , Thoothukudi	Webinar on Energy, Energy Everywhere, How to harness it?	State Webinar
20.05.2020	Participated	-	Department. Of Mathematics, V.O. Chidambaram College , Thoothukudi	Webinar on Mind Your Minds During Lockdown- To Counter Stress	State Webinar
20.05.2020	Participated	-	IQAC, Vivekananda College, Madurai	COVID -19 Awareness Quiz	State Level Quiz
19.05.2020-01.06.2020	Participated	-	Dpt. Of Chemistry & Research, Nesamony Memorial Christian College, Marthandam Department. Of Chemistry & Research, St. Xavier's College (Autonomous), Palayamkottai	Workshop on Management of Environment and its Resources	State Workshop

18.05.2020	Participated	-	Office of Dean (Research), Crescent Institute of Science & Technology, Chennai	Quiz on Test your Knowledge on Plagiarism	State Level Quiz
17.05.2020	Participated	-	Dpt. Of Chemistry (SSC), St. Mary's College (Autonomous), Thoothukudi	Webinar on Bioinformatics in Micro biome Research & Climate, Biomes & India	International Webinar
15.05.2020	Participated	-	Dpt. Of Zoology, V.O. Chidambaram College, Thoothukudi	Webinar on Eat A Way for Healthy Lifestyle	State Webinar
13.05.2020-14.05.2020	Participated	-	St. Mary's College (Autonomous), Thoothukudi in association with Aadhi Foundation.	Workshop on Mental Health & Psychological consideration During Lockdown	State Workshop
12.05.2020	Participated	-	Research Advisory Committee, St. Mary's College (Autonomous), Thoothukudi.	Webinar on Selection of Appropriate Statistical Tools: A critical way for successful Research	State Webinar
11.05.2020-16.05.2020	Participated	-	Ramachandra college of Engineering, Eluru & NSTEDB, Department of Science and Technology, Government	FDP on Innovation to Academicians	National FDP
11.05.2020	Participated	-	Department Of Psychology, St. Mary's College (Autonomous) Thoothukudi.	Webinar on Psychological First – AID	State Webinar

08.05.2020	Participated	-	Department Of Commerce-shift II, Patrician College, Chennai in association with Digital Edu IT solutions.	FDP on Examinations in wake of COVID-19	State FDP
08.05.2020	Participated	-	IQAC, V.O. Chidambaram College, Thoothukudi	Webinar on A Special Lecture on Education 4.0	State Webinar
05.05.2020-08.05.2020	Participated	-	RK university, Rajkot	Webinar Series on Conceptual Applied Physics	National Webinar
04.05.2020	Participated	-	ICT Academy, Chennai	Webinar on The Power of A Teacher	State Webinar
09.04.2020	Participated	-	Holy Cross College , Nagercoil	Awareness quiz on COVID-19	State Level Quiz
23.04.2020	Participated	-	Colombu staff plan college	Webinar on Teacher to Educational Leader	International Webinar
20.04.2020-06.05.2020	Participated	-	Ramanujan college, University of Delhi	Faculty Development Programme on Managing online classes and co-creating MOOCS	National FDP
16.03.2019	Participated	-	Pope's College, Sawyerpuram	State Level Seminar on Advanced Materials-SSAM'19	State Level Seminar

27.12.2018	Paper presented	Influence of substrate temperature on structural morphological and optical properties of ZnS thin films synthesized by nebulizer spray pyrolysis technique	Department Of Chemistry, V.O . Chidambaram College, Thoothukudi	International Conference on Advanced Materials and their Applications	International Conference
28.06.2018 & 29.06.2018	Poster Presented	Structural and Optical Properties of sprayed ZnS thin films	Department Of Physics, Manonmaniam Sundaranar University, Tirunelveli	National Conference on Energy Materials -2018	National Conference
27.02.2018	Participated		Department of Physics, Pope's College, Sawyerpuram	International Seminar on Advanced Materials-INSAM	International Seminar
15.02.18 & 16.02.18	Participated		Perunthalaivar Kamarajar Library, Manonmaniam Sundaranar University	State Level UGC JRF, NET, SET Exams Preparatory Programme for Library and Information Science	State Level Preparatory Programme
01.02.2018 & 02.02.2018	Participated		Christ University, Bangalore	National Seminar on Setting Technological standards and Strategy for Higher Education	National Seminar
09.12.2017	Participated		Research Forum and Department of Library	National Seminar on Academic and research Integrity In the Digital World	National Seminar

06.04.2017	Participated		National Corrosion Council Of India, Karaikudi & CSIR-Central Electrochemical Research Institute, Karaikudi & School of Physical and Biological Sciences, St. Mary's College, Thoothukudi	Corrosion Awareness Day- CAD 2017	National Awareness Programme
27.01.2017 & 28.01.2017	Participated		IQAC, St. Mary's College (Autonomous), Thoothukudi.	Cosmic concerns: An interdisciplinary Dialogue in Applied Ethics	National Seminar
26.02.2016	Participated		Department of Physics, St. Mary's College (Autonomous), Thoothukudi.	National conference on Exploring Space	National Conference
20.02.2016	Participated		MRF, St. Mary's College (Autonomous), Thoothukudi	National Seminar on Multi disciplinary Research	National Seminar
07.01.2016 & 08.01.2016	Participated		IQAC, St. Mary's College (Autonomous), Thoothukudi.	National Seminar on Quality Enhancement in Higher Education	National Seminar
19.02.2015 & 20.02.2015	Paper presented	Preparation And Characterization Of Zinc Selenide Thin Films By Spray Pyrolysis	PG Department of Physics, The M.D., T. Hindu College, Pettai, Tirunelveli	National Conference on "Recent Trends and Advances in Physics" – NCRTAP - 2015	National Conference

11.02.2015	Participated		St.Mary's College (Autonomous), Thoothukudi.	International Conference on "Solar Energy" – INCSE 2015	International Conference
29.01.2015 & 30.01.2015			Department of Physics, Pope's College, Sawyerpuram	National Conference on "Renewable Energy for Green Future"	National Conference
05.12.2014 & 06.12.2014	Participated		ELTAI Thoothukudi Chapter & Department of English(SSC), St.Mary's College (Autonomous), Thoothukudi	Workshop on Technology Integrated Teaching -TIT 2014	State Workshop
27.09.2014	Participated		Department of Computer Science, St.Mary's College (Autonomous), Thoothukudi	State Level Workshop on "MATLAB"	State Workshop
31.01.2014 & 01.02.2014	Participated		IQAC, St.Mary's College (Autonomous), Thoothukudi	National Seminar on "Institutional Quality Improvement: Role of Information and Communication Technology"	National Workshop
15.02.2013 & 16.02.2013	Participated		Department of Physics, St.Mary's College (Autonomous), Thoothukudi	National Conference on "Advanced Materials" NCAM-2013	National Conference

11.12.2010	Participated	-	Department of Physics & Chemistry, St.Mary's College (Autonomous), Thoothukudi	National Seminar on "Green energy and Material science" – GEMS – 2010	National Seminar
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Papers Published

Paper Title	Author(s)	Journal	Year	Volume	Issue	Page No.
Structural and Morphological Characterization of Zinc Selenide Thin Film by SILAR Method	J. Diana Rosary A. Nirmala Shirley G. Kumar Sathian	Marian Quest	2022	12	-	121-
Automatic Windshield Wiper Using Servomotor and Embedded Microcontroller	J. Diana Rosary A. Nirmala Shirley G. Kumar Sathian	Marian Quest	2022	12	-	104-112
Analytical Study of deposition of TiO ₂ and SiO multilayers for blue color display	M. Sheeba, A. Nirmala Shirley, S. Surendarnath, J. JebarajDevadason	AIP Conference Proceedings	2022	2446	1	130011 (1-5)
Studies of ZnS thin Films Synthesized by Nebulizer Spray Pyrolysis Technique for Solar Cell Applications	A. Nirmala Shirley, M. Sheeba , J. JebarajDevadason	AIP Conference Proceedings	2022	2446	1	130012 (1-4)

Fabrication of ZnS thin films by nebulizer spray Pyrolysis Technique for solar cell applications	A. Nirmala Shirley, G. Jeevarani Thangam, J. Antony Rajam J. JebarajDevadason	International Journal of Advanced Research in Engineering and Technology	2021	12	4	7-14
Investigation of electrical properties of ZnS _x Se _{1-x} Thin Films By Nebulizer Spray Pyrolysis Technique	A. Nirmala Shirley, J. JebarajDevadason, K. Jeyadheepan , C. Sanjeeviraja	Studies in Indian Place Names	2020	40	79	431-435
Synthesis, structural & Morphological Investigations of ZnS _x Se _{1-x} Thin Films By Nebulizer Spray Pyrolysis Technique	A. Nirmala Shirley, J. JebarajDevadason, K. Jeyadheepan , C.Sanjeeviraja	Studies in Indian Place Names	2020	40	18	2795-2802
Structural Characterisation of ZnS Thin Films Synthesised by Silar Method	V. Mariselvi, A Nirmala Shirley	Marian Quest- A Biannual Multidisciplinary Research Journal	Oct 2020	10	-	166-170
On the investigation of structural and morphological properties of nebulizer sprayed ZnSe	A. Nirmala Shirley, J. JebarajDevadason, K. Jeyadheepan, C. Sanjeeviraja	International Journal of Research and Analytical Reviews	2018	5	4	1538-1545
Effect of substrate temperature on structural and optical properties of nebulizer sprayed ZnSethinfilms	A. Nirmala Shirley, J. JebarajDevadason, K. Jeyadheepan, C. Sanjeeviraja	International Journal of Research and Analytical Reviews	2018	5	4	559-565

Morphological, Structural, optical and electrical properties of nebulizer sprayed ZnS thin films	A. Nirmala Shirley, J. JebarajDevadason, K. Jeyadheepan, C. Sanjeeviraja	Journal of Emerging Technologies and Innovative Research	2018	5	7	142-148
Painleve Analysis	Roselin Jenifer and Nirmala Shirley A	Marian Quest- A Biannual Multidisciplinary Research Journal	Dec 2018	7	-	133-137
Study of OH Airglow Layer Over Ranchi (23.3° N, 85.3° N), India During 2011 Using Saber / Timed Measurements	Valentina. A, Nirmala Shirley A and Navin Parihar	Marian Quest- A Biannual Multidisciplinary Research Journal	Dec 2018	7	-	129-132
Spectroscopic Analysis of Selected Medicinal Plants	J. Magdalene Therese and A Nirmala Shirley	Marian Quest	Dec 2017	-	Special Issue	153-158

Patent Published

Name of the Faculty	Department	Application No./ Journal No.	Title of the Patent	Date	Granted/ Published
Dr. A Nirmala Shirley	Physics	202341022638	Implementation of Techniques for analysis of Photo detectors embedded with chemical vapour	07.04.2023	Published

			deposited Lead free Bismuth mixed Halide Perovskite Films		
Dr. A Nirmala Shirley	Physics	202321055632 A	Artificial Intelligence - Based Approach to study the Impact of Temperature on Dielectric Properties of Bismuth Ferrite (BiFeO ₃) Nanoparticles for PV Applications	06.10.2023	Published

Books Published

Date	Book Title	Book Chapter	Author(s)	ISBN Code	Editions	Publisher
March 2021	Climate Change: Issues, Challenges & Control Measures	Climate Change and its Effects	A Nirmala Shirley	978-81-947114-9-0	First	Multi Spectrum Publications
May 2023	Synthesis and Characterisation of ZnS Thin Films By Nebulizer Spray Pyrolysis For Solar Cell Applications	-	A Nirmala Shirley	978-93-94428-66-9	First	Multi Spectrum Publications

As Resource Person

Date	Name of the Institution	Invited As	Topic/Event
10.12.2022 & 11.12.2022	St. Mother Theresa Engg College, Vagaikulam, Tuticorin	State level Evaluator , NCSC 2022	Understanding Ecosystem for Health and Well - Being, 30 th National Science Congress 2022-23
26.11.2022	St. Mary's Boys School, Thoothukudi	District level Evaluator , NCSC 2022	Understanding Ecosystem for Health and Well - Being, 30 th National Science Congress 2022-23
29.09.2022	St. Mary's College (Autonomous), Thoothukudi	Resource Person for Mentoring Session on IP Literacy and Awareness: Guiding Framework for HEIs	Readiness Level Stages and Implications in Innovation Development
09.04.2022	All India Radio	Resource Person for Science Talk under Science Week Celebration	TFT Enum Menpadalathirai
31.12.2021	St. Mary's College (Autonomous), Thoothukudi	Resource Person for Mentoring Session on I & E Ecosystem at HEI Level, MHRD, New Delhi	Design Thinking
07.09.2021	St. Mary's College (Autonomous), Thoothukudi	Resource Person for Student induction Programme by MHRD	Zero Tolerance to Ragging under Antiragging Cell
15.03.2021	St. Mary's College (Autonomous), Thoothukudi	Resource Person for a Career talk powered by Internshala	How to Ace Your Summer Internship
26.06.2019	St. Mary's College (Autonomous), Thoothukudi	Resource Person for Student induction Programme by MHRD	Guidelines given by MHRD for I Year Students

Awards and Honours:

Name of the Staff	Department	Name of the Award	Name of the Awarding Agency with address	Date

Dr. A. Nirmala Shirley	Physics	Eminent Faculty Award	Thannammal Educational Trust, K. Pethananthal, Sivagangai District & Siddhar Tamil Research Center	15- July-2022
Dr. A. Nirmala Shirley	Physics	Academic Excellence Award	Institute of Researchers, Wayanad, Kerala (India)	22- June-2022
Dr. A. Nirmala Shirley	Physics	Grabs Virtual Award 2021- Best Young Faculty Award	TamilNadu Association of Intellectuals and faculty (TAIF) & Grabs Educational Charitable Trust, Chennai.	13-June-2021

Others:

1. Member of Quiz Club
2. Member of Centre of Human Excellence
3. Member of E-content development and website committee
4. SSC Coordinator for Physics (2015-2018)
5. Member of Campus Ministry (2017-2018)
6. Member of Students' Council Advisors (2018-2019)
7. Coordinator for Human Rights Forum (2019-2021)
8. Member of IQAC (2019-2022)
9. Coordinator for ARIIA (2020 - till Date)
10. Coordinator for Anti- Ragging Cell (2021-2022)
11. Vice Principal of SSC (2022- 2024)
12. Member of Awards Committee (2022- 2023)
13. Member of Grievance and Redressal Committee (2022- 2023)
14. Member of Attendance and Monitoring Committee (2022- 2023)
15. Member of Sports and Games Committee (2022- 2023)

16. SSC Coordinator for Physics (2023- till Date)