

Name	Mrs. A. Lucas Rexceline
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Year of Joining	07.02.2000
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Webinars/Seminars/Workshops/FDP/ Conferences

Title of Webinar / Workshop/ Seminar/ FDP/ Conferences	Type	Paper Presented/ Participated	Title of the Paper	Organized By	Date
National Seminar on “National Educational Policy (NEP)”	National Seminar	Participated	--	Department of Physics, SRM TRP Engineering College, Tiruchirappalli, Tamil Nadu, India.	11.03.2024
International Women’s day special lecture on “Women in Science and Technology”	special lecture	Participated	--	Department of Physics, SRM TRP Engineering College, Tiruchirappalli, Tamil Nadu, India.	09.03.2024
National Workshop on “Density Functional Theory”	National Workshop	Participated	--	Department of Physics, SRM TRP Engineering College, Tiruchirappalli, Tamil Nadu, India.	06.03.2024
International Seminar on “Societal Advancement Powered by Nuclear Energy”	International Seminar	Participated	--	Department of Physics, SRM TRP Engineering College, Tiruchirappalli, Tamil Nadu, India.	02.03.2024
International Faculty Development Programme on “Advanced Functional	International Faculty Development Programme	Participated	--	Department of Physics , SRM TRP Engineering College, Trichy	26.02.2024 – 05.03.2024

Materials: Energy, Environment and Sustainable Development”					
Navigating Consultancy, Filing Patent and Designing Research Article: Insights and Strategies	National Seminar	Participated	--	Marian Research Forum & Internal Quality Assurance Cell, St. Mary’s College (Autonomous), Thoothukudi	20.01.2024
Avoiding Predatory Publishing: Guidelines for Choosing Quality Journals in the Digital Age	Online Workshop	Participated	--	Marian Research Forum, St. Mary’s College (Autonomous), Thoothukudi	11.12.2023
Advanced Materials	International Conference	Participated	--	Department of Physics , St. Joseph’s College (Autonomous), Tiruchirappalli.	08 & 09.12.2023
Personal and Professional Excellence and Value Based Living	FDP	Participated	--	Auro University, Surat, Gujarat	14.10.2023
Chat GPT and other Artificial Intelligence(AI) Tools for Classroom Teaching and Research	State Workshop	Participated	--	Library Committee & IIC St. Mary’s College (Autonomous), Thoothukudi	07.09.2023
Artificial Intelligence tools for Education with Special Reference to chat GPT, GPT 4 & LAMMA	National Seminar	Participated	--	Library Committee & IIC St. Mary’s College (Autonomous), Thoothukudi collaboration with SALIS – Tirunelveli Chapter	11.08.2023
Entrepreneurship Development Program	Webinar	Participated	--	Department of Physics, School of Science and Humanities, Sathyabama Institute of Science of Technology	15.07.2023

Research Methodology : A Paradigm Shift	National Level Online Faculty Development Programme	Participated	--	Department of Commerce & IQAC , Vivekananda Mission Mahavidyalaya & Integrated Institute for Advanced Research and Information (IIARI), Kolkata	14.07.2023 - 16.07.2023
Advanced Materials for Technological Applications	International FDP	Participated	--	Department of Physics, Sathyabama Institute of Science and Technology, Chennai	24.03.2023 – 04.04.2023
Keys to Publish in High Impact Journals	International webinar	Participated	--	Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi	07.02.2023
Webinar on “Nanomaterials for Novel Applications”	Online webinar	Participated	--	Department of Physics, Ramco Institute of Technology , Rajapalayam	13.01.2023
FDP on “Nanomaterials for sustainable Future”	Five Days (online) Faculty Development Programme	Participated	--	Physics Division, Department of Basic Science and Humanities, GMR Institute of Technology, Rajam	12.12.2022 – 16.12.2022
Smart Materials for New Technology	Five Days International Faculty Development Programme	Participated	--	Department of Physics & Marian Star Centre, St. Mary's College (Autonomous), Thoothukudi	18.02.2022 - 23.02.2022
Exploring New Frontiers in chemical and Biological Science	One Week Online Faculty Development Programme	Participated	--	Department of Chemistry, Marian Star Centre, St. Mary's College (Autonomous), Thoothukudi	31.01.2022 – 5.02.2022
Nanomaterials	Five Days International Faculty Development Programme	Participated	--	Department of Physics, St. Mary's College (Autonomous), Thoothukudi	23.11.2021 - 27.11.2021

Effective Research Writing and Scholarly Publishing Under UGC STRIDE Scheme	International Webinar	Participated	--	V.O.Chidambaram College, Thoothukudi	19-08-2021 - 20-08-2021
Synthesis, Characterization and Applications of Novel Materials	National FDP	Participated	--	Department of Physics & Chemistry, Ramco Institute of Technology, Rajapalayam	02-08-2021 - 06-08-2021
Systematic Research Methodology- A Transformative Tool for Scientific Research	International Webinar	Participated	--	St. Mary's College(Autonomous), Thoothukudi	22-07-2021
Sensors and Applications	International Webinar	Participated	--	Auxilium College(Autonomous), Vellore, Tamilnadu	22-07-2021 - 23-07-2021
LIDAR & UAV : A Photogrammetric solution	Certificate course	Participated	--	IIARI, Kolkotta	12-06-2021 - 04-07-2021
Digital Tools For Active Teaching, Evaluation and Research	FDP	Participated	--	Sri GVG Visalakshi College for Women, Udumalpet, Tamilnadu	28-06-2021 - 30-06-2021
E – Content development	National level online workshop	Participated	--	IQAC, ST. Ann's College, Kokrajhar, Assam	7-6-2021 to 12-6-2021
Cancer Prevention, Covid 19 and Healthy Lifestyle	National Webinar	Participated	--	AADI,LOKMANCH Partners, Attappady, Kerala in Association with Life Beyond Cancer, Mumbai, Maharastra	31-05-2021
Lanslide Hazard Modelling- A Geospatial Technique	National workshop and Hands on Training	Participated	--	IIARI, Kolkotta	29-05-2021 - 30-05-2021

ARC GIS: An Advance Implementation	National level virtual workshop	Participated	--	IIARI, Kolkatta	07-05-2021 - 09-05-2021
Recent trends in Science and Technology	International E-conference	Participated	--	Marian Star Centre, PG and Research Department of Biotechnology, St. Mary's College(Autonomous), Thoothukudi	29-04-2021 - 30-04-2021
Basics of Remote Sensing using QGIS	Short term training programme	Participated	--	Geo Spatial Technology Training Centre	22-01-2021 - 24-01-2021
Increasing Visibility in the Research world using Academic and Social media	National virtual Webinar	Participated	--	Department of Library and Marian Research Forum , St. Mary's College(Autonomous), Thoothukudi	31-10-2020
Space - The final frontier	Webinar	Participated	--	TamilNadu Students Research Organisation, Thiruchengode.	19-07-2020
Frontiers in nanotechnology and applications	Webinar	Participated	--	Dept of Physics, St.Xaviers College (Autonomous), Palayamkottai	15-07-2020
Gender Based Violence	Webinar	Participated	--	PG Dept of Chemistry, District Legal Services and NSS, A.P.C Mahalakshmi College of Women, Thoothukudi	13-07-2020
International Webinar on 'An update on COVID-19'	International Webinar	Participated	--	IQAC, St. Mary's' College, Thoothukudi.	10-07-2020
The Exciting Story of Exoplanets	International Webinar on Astronomy and Astrophysics	Participated	--	Department of Applied Physics, Karunya Institute of Technology, Coimbatore	08-07-2020

International Webinar Series - Astronomy and Astrophysics	International Webinar	Participated	--	Department of AstroPhysics, Karunya Institute of Technology AndSciences, CBE	08-07-2020
International Webinar on 'AasiriyamPotruvo m'	International Webinar	Participated	--	N.K.T National College of education for Women, Chennai &Stella Matitudina College of Education,Chennai	06-07-2020-08-07-2020
National level webinar on CSR during COVID-19 Crisis	National Webinar	Participated	--	Department of Humanities, IndianAcademy	04-07-2020
Webinar on 'VelvadharkaeVazh kai'	Webinar	Participated	--	Annamal College of Education for women, Thoothukudi	29-06-2020
National Relaxation Techniques for StressManagement	National Webinar	Participated	--	Counseling Forum, St. Mary's' College (Autonomous), Thoothukudi	28-06-2020
E-Quiz on aptitude and mental ability	Quiz	Participated	--	PG & Research, Dept of Maths, Rani Anna Collegefor Women, Tirunelveli	23-06-2020
The journey within - Know yourself and know the world	Webinar	Participated	--	IQAC, St.Josephs' College(Autonomous), Trichy.	19-06-2020
VOCC - Stride Course	Online Course	Participated	--	VOC College, Thoothukudi	15-06-2020
International Webinar on Solid State LASERS	International Webinar	Participated	--	PG & Research department of Physics, Pope's College (Autonomous), Sawyerpuram	11-06-2020
National level e-quiz 2 on Nobel Laurets	Quiz	Participated	--	PG & Research Department of Physics and IQAC, The Madurai DiraviyamThayumana var Hindu College,	11-06-2020, 10-06-2020

				Tirunelveli	
A one day Webinar on Biodiversity - Urgent & Existential concerts	Webinar	Participated	--	PG & Research Department of Botany, St. Mary's college (Autonomous), Thoothukudi	10-06-2020
National level online Quiz 2	Quiz	Participated	--	Department of Library, St. Mary's College (Autonomous), Thoothukudi	10-06-2020
Webinar on Marvels and Mysteries of the universe	Webinar	Participated	--	PG & Research Department of Physics, Pope's College (Autonomous), Sawyerpuram	09-06-2020
International Webinar on 'Sithar Ilakiya Sindhaniyum Thark aala Kavidhaiyin Paarvium'	International Webinar	Participated	--	Servite Arts and Science College for Women, Thogaimalai, Karur	09-06-2020
Webinar on BioMedical waste and environmental safety hazards healthy future	Webinar	Participated	--	Department of Chemistry, Thiru Kolanjiappar Government Arts College, Viruthachalam	06-06-2020
Webinar on 'Ilakiyamenum Ulla Kannadi'	Webinar	Participated	--	Department of Tamil, St. Mary's College (Autonomous), Thoothukudi	05-06-2020
E-Quiz on Freedom Struggle in India	Quiz	Participated	--	Department of History, St. Mary's College (Autonomous), Thoothukudi	04-06-2020-08-06-2020
International Webinar on Effective usage of FCT Tool for Higher Education	International Webinar	Participated	--	Servite Arts and Science college for women, T. Edaiyapatty, Thogaimalai, Karur	03-06-2020
Introduction to GIS	Webinar	Participated	--	Department of Physics, St. Mary's College (Autonomous), Thoothukudi.	02-06-2020

Webinar on Graphene based nanoparticle for energy storage	Webinar	Participated	--	PG and Research Department of Physics, VOC College, Thoothukudi	01-06-2020
Family Enrichment	Webinar	Participated	--	Rohini, St. Mary's College (Autonomous), Thoothukudi	30-05-2020
International Webinar on Recent trends in Applied Science	International Webinar	Participated	--	VHNSN College, Virudhunagar	29-05-2020 & 30-05-2020
Lessons of Lockdown: Magnitude of Butterfly effect	Webinar	Participated	--	Department of Physics, St. Mary's College (Autonomous), Thoothukudi	28-05-2020
Historical routes of Social Distancing	Webinar	Participated	--	Department of History, St. Mary's College (Autonomous), Thoothukudi	28-05-2020
FDP on Chemistry of Covid-19 - Threat to Global Public Health	Webinar	Participated	--	Department of Chemistry, St. Mary's College (Autonomous), Thoothukudi	26-05-2020
Online Quiz	Quiz	Participated	--	Department of Physics, St. Mary's College (Autonomous), Thoothukudi	26-05-2020
Change is the essence of life by Bharathi Baskar	Webinar	Participated	--	ICT Academy, SkyCampus	25-05-2020
The unprecedented need for e-education	Webinar	Participated	--	Ma Foi Educational Services Pvt. Ltd., Chennai	25-05-2020
Global Navigation Satellite System and its Applications	Webinar	Participated	--	Geoinformatics Department, ISTAR College, Gujarat	23-05-2020 & 24-05-2020
Teacher Resilience: The Blueprint for efficiency during	Webinar	Participated	--	St. Mary's College & Annammal College of Education for women, Thoothukudi.	23-05-2020

uncertainty					
An Insight into NAAC -RAF	Webinar	Participated	--	IQAC, VOC College, Thoothukudi.	22-05-2020
Energy, Energy Everywhere, How to harness it?	Webinar	Participated	--	Department of Chemistry, VOC College, Thoothukudi	21-05-2020
Mind your minds during lockdown - To Counter Stress	Webinar	Participated	--	Department of Mathematics, VOC College, Thoothukudi	20-05-2020
Machine learning and deep learning	Webinar	Participated	--	Kasturba Gandhi Degree & PG college for women, Secunderabad	20-05-2020
Panacea-Quiz	Quiz	Participated	--	The SFR College for Women, Sivakasi	15-05-2020
Impact of Corona on Placements	Webinar	Participated	--	Placement Cell, VOC College, Thoothukudi	13-05-2020
Psychological First Aid	Webinar	Participated	--	Department of Psychology, St.Mary's College (Autonomous), Thoothukudi.	11-05-2020
Applications of Geoinformatics in multi discipline	Webinar	Participated	--	Geoinformatics Department, ISTAR College, Gujarat	09-05-2020
Basic Principles of Remote Sensing Technology	Online Course	Participated	--	IIRS Outreach Program	13-04-2020- 25-04-2020
National Seminar on Fostering "Transparency: Routing out Plagiarism A to Z"	National Seminar	Participated	--	St.Mary's College (Autonomous), Thoothukudi	20.07.2018
National seminar on "Academic and research Integrity In the digital world"	National Seminar	Participated	--	St.Mary's College (Autonomous), Thoothukudi	09.12.2017
UGC sponsored Refresher Course in Environmental Sciences (Interdisciplinary)	Refresher Course	Participated	--	Bharathiyar University, Coimbatore	10.05.2017- 30.05.2017
National Conference on "Current	National Conference	Participated	--	St. John's College, Palayamkottai	04.02.2017

Advancement in Physics”					
National Conference on “Cosmic Concerns: An Interdisciplinary Dialogue in Applied Ethics”	National Conference	Participated	--	St.Mary’sCollege (Autonomous), Thoothukudi.	27.01.2017–28.01.2017
International Seminar on “Algal Biotechnology: An Eco friendly solution for food, fuel and health” (INSAB – 2016)	International seminar	Participated	--	St.Mary’sCollege (Autonomous), Thoothukudi.	14.10.2016
Capacity building workshop on “E-content development”	Workshop	Participated	--	St.Mary’s College (Autonomous), Thoothukudi	11.04.2016–16.04.2016
National Conference on “Exploring Space” (NCES2016)	National Conference	Participated	--	Department of Physics, St.Mary’s College (Autonomous), Thoothukudi.	26.02.2016
National seminar on “Multidisciplinary research”	National Seminar	Participated	--	St.Mary’s College (Autonomous), Thoothukudi	20.02.2016
National seminar on “Quality Enhancement in higher education: Teaching, learning & evaluation”	National Seminar	Participated	--	St.Mary’s College (Autonomous), Thoothukudi	07.01.2016–08.01.2016
TEQIP II sponsored workshop on “Physics in Engineering”(PIE)	TEQIP II sponsored Workshop	Participated	--	Thiagarajar College of Engineering, Madurai	05.11.2015–06.11.2015
National Conference on “Recent Trends and Advances in Physics”	National Conference	Participated	--	PG department of Physics, The MDT Hindu College, Pettai, Tirunelveli.	19.02.2015 - 20.02.2015

International Conference on “Solar Energy INCSE-2015”	International Conference	Participated	--	Department of Physics, St. Mary’s College (Autonomous), Thoothukudi.	11.02.2015
National Seminar on “Institutional quality improvement: Role of Information and Communication Technology”	National Seminar	Participated	--	IQAC, St. Mary’s College (Autonomous), Thoothukudi	31.01.2014–01.02.2014
UGC sponsored national seminar on “International Year of Mathematics for The Planet Earth 2013”	UGC sponsored National Seminar	Participated	--	Department of Mathematics, St. Mary’s College (Autonomous), Thoothukudi	17.07.2014–18.07.2014
National Seminar on “ E-Resources– A must in today’s scholarly world”	National Seminar	Participated	--	St.Mary’s College (Autonomous), Thoothukudi.	19.10.2012
National Seminar on “Sustainable Resource Management”	National Seminar	Participated	--	St.Mary’s College (Autonomous), Thoothukudi.	04.10.2012
Research Awareness Programme	Research Awareness Programme	Participated	--	St.Xavier’s College (Autonomous), Palayamkottai	09.03.2012
XIV National Seminar on “CrystalGrowth”	National Seminar	Participated	--	Aditanar college of Arts and Science, Tiruchendur.	19.01.2012–21.01.2012

Papers Published

Paper Title	Author(s)	Journal	Year	Volume	Issue	Page No.
Thermo-acoustic studies of ethyl propionate with propan-2-ol at different temperatures using ultrasonic technique	P Padmavathi, A. Lucas Rexcelin, A. Mathana Gopal, Irudaya Sahaya Lancy S, Krishna Kumar Paney, Jessie Fernando, J. Poongodi ,	Materials Today: Proceedings	Aug 2022	67	-	821 - 826
Investigation of Excess Thermo-Acoustic Behavior of Binary Liquid Mixture with Various Temperatures Using Ultrasonic Technique	Padmavathi Paulraj, Jeeva Rani Thangam Gandhi, Lucas Rexceline Antony Muthu, Irudaya Sahaya Lancy Sreedharan, Krishna Kumar Pandey, Poongodi Jawaharlal	Macromolecular Symposia	Feb 2024	413	-	2300048

Others:

- Ethics
- Fine Arts Committee
- Physics Association
- Member in IQAC
- Member in NSS
- Accompanied girls during annual tour
- Member in Campus Ministry
- Member in Exam cell
- Member in Think Tank Club, Scribes Forum, Quiz Club
- Member in Faculty Enrichment Forum
- Assistant Controller (2018 – 2021)
- Head of the Department (2023-2024)