

<b>Name</b>	<b>Dr. S. Irudaya Sahaya Lancy</b>
<b>Qualification</b>	M.Sc.,M.Phil.,Ph.D
<b>Designation</b>	Assistant Professor
<b>Year of Joining</b>	18/06/2015
<b>Specialization</b>	Ultrasonics, Nanoscience
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#### Seminars/Workshops/FDP/ Conferences

<b>Date</b>	<b>Paper Presented/ Participated</b>	<b>Title of the Paper</b>	<b>Title of Workshop/ Seminar/ FDP/ Conferences</b>	<b>Organized By</b>	<b>Type</b>
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, Bharathidasn 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
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
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
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

07.01.2016 & 08.01.2016	Participated		IQAC, St. Mary's College (Autonomous), Thoothukudi.	National Seminar on Quality Enhancement in Higher Education	National Seminar
11.02.2015	Participated		St. Mary's College (Autonomous), Thoothukudi.	International Conference on "Solar Energy" – INCSE 2015	International Conference

### Papers Published

Paper Title	Author(s)	Journal	Year	Volume	Issue	Page No.
Green Synthesis and Characterization of Zinc Oxide Using <i>Carica papaya</i> Leaf Extract	<u>Padmavathi Paulraj, <b>Irudaya Sahaya Lancy</b> Sreedharan, Jeeva Rani Thangam Gandhi, Krishna Kumar Pandey, Poongodi Jawaharlal</u>	Macromolecular Symposia	2024	413	1	230048
Pseudo-Gruneisen Parameters for Binary Liquid Mixtures at Different Temperature	<u>Arunachalam M.G.; Paulraj P.; Sreedharan I.S.L.; Pandey K.K.; Jawaharlal P.; James C.</u>	Macromolecular Symposia	2023	407	1	2200009
Comparative Analysis of Commercial and Herbal Extorted Cough Syrups in Tamilnadu (South India) Zone - An	P Padmavathi, Senthil Kannan K, Jessie Fernando, Poongodi, Vijayalakshmi B, Moses Ezhil raj, <b>Irudaya Sahaya Lancy S</b>	AIP Conference proceedings	2022	2385		060001-060006

Investigation by Methodologies of Spectral Way and High Frequency (Ultrasonic) Waves to Predict Samples Efficacy						
Effect of temperature on the ultrasonic investigation in binary liquid mixture of N-Butyl Acetate with 2-Propanol	<b>S. Irudaya Sahaya Lancy,</b> P. Padmavathi, C. James, J. Poongodi,s Ezhil Raj	Neuroquantology	2022	20	-	3508-3510
Study of acoustical parameters of bioactive compound with benzyl propionate using ultrasonic technique	P. Padmavathi, <b>S. Irudaya Sahaya Lancy,</b> A. Mathana Gopal, Jessie Fernando, J. Poongodi, Krishna Kumar Pandey, Moses Ezhil Raj	AIP Conference Proceedings	2022	2446		100029
Gruneisen parameters for alcohol with benzene at different temperature	A. Mathana Gopal, S. <b>Irudaya Sahaya Lancy,</b> P. Padmavathi, J. Poongodi, A. Moses Ezhil Raj	AIP Conference Proceedings	2022	2446		100030
A discussion of acoustical parameters in binary mixtures at different	P. Padmavathi, <b>S.Irudaya Sahaya Lancy,</b> Krishna Kumar Pandey, A. Mathana	International Journal of Scientific Research in Science and Technology	2021	8	1	16-20

temperatures: An ultrasonic study	Gopal, J.Poongodi, A. MosesEzhil Raj					
Investigation of ultrasonic parameters and thermal conductivity of binary liquid mixtures with alcohol with benzene	A. Mathana Gopal, <b>S.Irudaya Sahaya Lancy</b> , P. Padmavathi , J.Poongodi, A. MosesEzhil Raj	Studies in Indian place names	2020	40	71	1008-1014

### Books Published

Date	Book Title	Author(s)	ISBN Code	Editions	Publisher
16 <sup>th</sup> June 2022	Nanovaccinology as targeted therapeutics	K. Senthil Kannan, Prabhjeet Kaur Dhillon, Jemma Hermelin Jesy Diaz, P. Padmavathi, G. Flora, <b>S. Irudhya Sahaya Lancy</b> , G. Jeeva Rani Thangam, M. Sheeba	9781119857341	First	Wiley

### As Resource Person

Date	Name of the Institution	Invited As	Topic/Event
02.09.2024	JP College of Arts and Science, Ayikudi, Tenkasi	Resource person for the expert talk	Ultrasound in liquid mixtures
29.01.2024 – 02.02.2024	Department of Physics, St. Mary's College, Thoothukudi.	Resource person for the "In Service Training Programme For Secondary Grade Teachers"	Nanotechnology

28.08.2017-01.09.2017	Department of Zoology, St. Mary's College, Thoothukudi	Resource person for the “In Service Training Programme For Secondary Grade Teachers”	Electricity
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**Others:**

1. Member in General discipline committee
3. Member in Green Campus and Human rights Forum
4. Life member in **Ultrasonic Society of India** (USI) - LM No.354