

Name	Dr. Sr. A.S.J. Lucia Rose
Qualification	M.Sc., M.Phil., Ph.D., PGDCA
Designation	Associate Professor
Year of Joining	03.03.1990
Specialization	Crystal Growth and its Characterization
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Seminars/Workshops/FDP/Conferences

Workshop/Seminar/ FDP	Type	Paper Presented/ Participated	Title of the Paper	Organized By	Date
Emerging Materials and It's Application (ICEMA – 2022)	International Conference	Participated	--	Department of Physics, St. Xavier's College (Autonomous), Palayamkottai.	01.03.2022
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
NAAC Accreditation in Lines with New Education Policy 2021	Webinar	Participated	--	Kramah Edu future Learning	29.12.2021
Nanomaterials	Five Days International Faculty Development Programme	Participated	--	Department of Physics, St. Mary's College (Autonomous), Thoothukudi.	23.11.2021 - 27.11.2021
Innovations in Nanomaterials and its Applications	Webinar	Participated	----	PG and Research Department of Physics, Gonzaga College of Arts and Science for Women, Krishnagiri.	17.11.2021

Cultivation of Research Excellence to Enhance Innovations and Professional Development	FDP	Participated	----	Department of Physics, Panimalar Engineering College, Chennai, Tamilnadu 600123	01.11.2021 – 02.11.2021
Advances in Physics	Conference	Participated	----	Holy Cross College (Autonomous), Nagercoil	27.07.2021 & 28.07.2021
Magnetic Smart Materials	Webinar	Participated	----	Nesamony Memorial Christian College, Marthandam	17.06.2021
Introduction to Nanotechnology	Webinar	Participated	----	Sadakathullah Appa College (Autonomous), Tirunelveli	12.06.2021
Happiness Unlimited	Webinar	Participated	----	JCI Madurai Central	23.05.2021
Can India Produce World Class Researchers?	Webinar	Participated	----	Cosmopolitan'a Valia College of Commerce and Arts, Mumbai	22.05.2021
Covid-19 Vaccines and Vaccination	Webinar	Participated	----	Covid-19 Activity Planning Committee	07.05.2021
	National Webinar	Participated	----	Servite women's Forum , Servite Arts and Science College for Women	25.11.2020
PHYSIZ - National Level online Quiz	Quiz	Participated	----	Sourashtra College (Autonomous), Madurai	06.11.2020
Technical Advances in Novel materials	FDP	Participated	----	Physics Research Centre and Humanities and Sciences Department, St.Xavier's College of Engineering , Chunkamkadai	05.10.2020 –10.10.2020

Boosting Emotional Stamina	National Webinar	Participated	----	Counselling Centre, Holy Cross College (Autonomous) Tiruchirapalli	27.08.2020
Issues and prospects of NEP	National Webinar	Participated	----	AICUF, Servite women's Forum, Servite Arts and Science College for Women	21.08.2020
Terahertz Generation studies on NLO crystals	National Webinar	Participated	----	Department of Physics and Research Centre & IQAC, Nesamony Memorial Christian College, Marthandam	27.07.2020
Learning to live with Covid-19:	National Webinar	Participated	----	IQAC, St.Mary's College (Autonomous) Thoothukudi	11.07.2020
An update on Covid 19	International Webinar	Participated	----	IQAC, St.Mary's College (Autonomous) Thoothukudi	10.07.2020
Recent Trends in Crystal Growth	National Webinar	Participated	----	Department of Physics, St.Xaviers College (Autonomous) Palayamkottai	10.07.2020
Pandemic Discourse and literary Responses	National Webinar	Participated	----	PG & Research Department of English, St. Mary's College, (Autonomous) Thoothukudi	08.07.2020
ekJ ,Uj;jpaiy Nfs;tpf;Fwpahf;Fk ;fhyepiy khw;wk;	State Level Webinar	Participated	----	Ecoclub of Annammal College of Education for women, Thoothukudi	06.07.2020

Space Applications to a Common	National Webinar	Participated	----	Department of Physics The Standard fireworks Rajaratnam College for women, Sivakasi	04.07.2020
Six with steth! Doctory + Playlist	Webinar	Participated	----	St.Joseph's College of Engineering St.Joseph's Group of Institutions, Chennai	29.06.2020 – 04.07.2020
Father of Evolution theory –Charles	Webinar	Participated	----	Jansons Institute of Technology, Coimbatore and TamilNadu Science Forum, Tirupur	29.06.2020
Asteroid Day 2020 –Awareness Program	Webinar	Participated	----	----	29.06.2020
Philosopher Bruno	Webinar	Participated	----	Jansons Institute of Technology, Coimbatore and TamilNadu Science Forum, Tirupur	28.06.2020
A Path to Wellness Diabetes and Me	Webinar	Participated	----	St.Mary's College (Autonomous), Thoothukudi.	26.06.2020
International Faculty Development programme	Webinar	Participated	----	Servite Arts and Science College for women, Thogaimalai, karur.	19.06.2020
Accelerating Education 4.0 using ICT tools – POSTCOVID PARADIGM	Webinar	Participated	----	St. Xavier's College, (Autonomous) Palayamkottai	17.06.2020
Self Awareness and Social Responsibility During COVID 19 Pandemic	Webinar	Participated	----	The American College, Madurai.	13.06.2020

Google's UI tool kit	Webinar	Participated	----	Servite arts and science college for women, Thogaimalai, karur.	13.06.2020
BEAGURU	Webinar	Participated	----	Department of Curriculum Planning and Evaluation, Karapkkam, Chennai	11.06.2020
Impact of COVID-19 on Indian Economy	Quiz	Participated	----	St.Mary's College (Autonomous), Thoothukudi	10.06.2020-12.06.2020
Rebooting Environment and our Psycho social Disposition	Webinar	Participated	----	St.Ignatius College of Education (Autonomous) Palayamkottai	
Marvels & Mysteries of the Universe	Webinar	Participated	----	Pope's College, PG & Research Department of Physics, Thoothukudi	09.06.2020
Stem Cell Therapy in COVID19; Present or Future	Webinar	Participated	----	St.Mary's College (Autonomous), Thoothukudi	08.06.2020
Dream Big	Webinar	Participated	----	V.O.C College, Thoothukudi	06.06.2020
Nano Materials	Webinar	Participated	----	Sadakathullah Appa College, Tirunelveli	06.06.2020
COVID-19 A Herculean Challenge to Human Immunology	Webinar	Participated	----	St.Mary's College (Autonomous), Thoothukudi	05.06.2020
Effective Usage of ICT tools for Higher Education	Webinar	Participated	----	Servite Arts and Science College for Women, Thogaimalai, Karur.	02.06.2020
Mossbauer Spectroscopy- Elucidation Of Magnetic Compounds in Biological System"	Webinar	Participated	----	St.Mary's College (Autonomous), Thoothukudi	02.06.2020-03.06.2020

Introduction to Geographic Information System(GIS)	Webinar	Participated	----	St.Mary's College (Autonomous), Thoothukudi.	02.06.2020
Graphene based Nanocomposites for energy Storage	Webinar	Participated	----	V.O.C College, Thoothukudi.	01.06.2020
How to Use Open Educational Resources to Desire	Webinar	Participated	----	St.Mary's College (Autonomous), Thoothukudi.	31.05.2020
Lessons of Lockdown: Magnitude of 'The Butterfly Effect'	Webinar	Participated	----	St.Mary's College (Autonomous), Thoothukudi.	28.05.2020
Effective Instructional Skills for TVET Teachers	Webinar	Presented	----	Columbo plan staff college	28.05.2020
"Webinar on Advanced Materials: Webinar Series-II"	Webinar	Participated	----	Vels Institute of Science, Technology & Advanced Studies (VISTAS), Pallavaram, Chennai.	28.05.2020-30.05.2020
Re-reading Keats Psycho-analytically	Webinar	Participated	----	St.Mary's College (Autonomous), Thoothukudi.	27.5.2020
Online Teaching Learning and Online Assessment Demo	Webinar	Participated	----	In Pods Ed-tech	27.5.2020
Manage Stress Before Stress Manages You	Webinar	Participated	----	St.Mary's College (Autonomous), Thoothukudi.	27.5.2020
History of Nuclear Fission	Webinar	Participated	----	V.O.C College, Thoothukudi.	25.05.2020
Managing Your Finances and Investments During Pandemic and current Economic Meltdown	National FDP	Participated	----	St.Mary's College (Autonomous), Thoothukudi.	25.05.2020

Teacher Resilience: The Blue Print for Efficiency during the Uncertainty	Webinar	Participated	----	St. Mary's College (Autonomous), Thoothukudi and Annammal College of Education for Women	23.05.2020
Changing role of principal	Webinar	Participated	----	TEACHUS	23.05.2020
An Insight Into NAAC-RAF	Webinar	Participated	----	V.O.C College, Thoothukudi	22.05.2020
“Energy, Energy, Everywhere, How to harness it?”	Webinar	Participated	----	V.O.C College, Thoothukudi	21.05.2020
Entrepreneurship in TVET	Webinar	Participated	----	Coloumbo plan staff college	21.05.2020
Mind Your Minds During Lockdown-To Counter Stress	Webinar	Participated	----	V.O.C College, Thoothukudi	20.05.2020
Soft Skills Development of TVET Graduates in the Age of IR 4.0	Webinar	Participated	----	Coloumbo plan staff college	19.05.2020
Effective Online Teaching Methodologies	Webinar	Participated	----	Kamaraj College, Thoothukudi.	18.05.2020-22.05.2020
Mental Health and Psychosocial Consideration During Lockdown	Webinar	Participated	----	St.Mary's College (Autonomous), Thoothukudi	13.05.2020-14.05.2020
Cultivating a Positive Attitude for Professional Excellence	Webinar	Participated	----	Coloumbo plan staff college	13.05.2020
Selection of Appropriate Statistical tools–A Critical Way for Successful Research	Webinar	Participated	----	St.Mary's College (Autonomous), Thoothukudi	12.05.2020
Digital Technology and E-Based Learning in TVET	Webinar	Participated	----	Coloumbo plan staff college	11.05.2020
Supervision and Monitoring of Teaching Processes of TVET Teachers	Webinar	Participated	----	Coloumbo plan staff college	07.05.2020

Redefining Learning Spaces - Change Agent in Educational Ecosystem	Webinar	Participated	----	Coloumbo plan staff college	06.05.2020
Revised Taxonomy of Learning Domains and its Implication in TVET	Webinar	Participated	----	Coloumbo plan staff college	05.05.2020
Digital innovation in TVET Sector to enhance NVQS	Webinar	Participated	----	Coloumbo plan staff college	04.05.2020
Test Items Development Techniques for TVET Teachers	Webinar	Participated	----	Coloumbo plan staff college	29.04.2020
International Conference on Advanced materials	International Conference	Participated	----	St.Mary's College (Autonomous), Thoothukudi	30.01.2020 & 31.01.2020
One day Workshop on MOOCs through SWAYAM	Workshop	Participated	----	Manonmaniam Sundaranar University, Tirunelveli.	19.11.2018
National conference on“ Changing Landscape of Higher Education in India and Impending Challenges”	National Conference	Participated	----	Christ University, Bangalore.	22.09.2018 – 23.09.2018
National conference on “Processing and fabrication of advanced materials –NCPFAM2018”	National Conference	Participated	----	SSN college of Engineering, Kalavakkam	01.03.2018 – 02.03.2018
National seminar on “Recent trends in materials science”	National seminar	Participated	----	Department of Physics, Aditanar College of Arts and Science, Tiruchendur – 628216.	16.02.2018
National seminar on “Academic and research Integrity in the digital world”	National Seminar	Participated	----	St.Mary's College (Autonomous), Thoothukudi	09.12.2017

International conference on“ Advances in Material science- ICAMS2017”	International Conference	Participated	----	Holy Cross College (Autonomous), Thiruchirapalli.	06.01.2017 – 07.01.2017
TEQIPII Sponsored workshop on ‘Physics in Engineering’(PIE)	TEQIPII Sponsored Workshop	Participated	----	Thiagarajar college of Engineering, Madurai.	05.11.2015 – 06.11.2015
UGC sponsored National Conference on “Recent Trends and Advances in Physics”	UGC Sponsored 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-1.	11.02.2015
National Seminar on “Emerging Trends in Theoretical and Experimental Physics”	National Seminar	Participated	----	Department of Physics, Sri Ayyappa College for Women, Chunkankadai	08.01.2015 – 09.01.2015
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-1.	17.07.2014 – 18.07.2014
National Seminar On “Institutional Quality Improvement: Role of Information and Communication Technology”	National Seminar	Participated	----	St.Mary’s College (Autonomous), Thoothukudi	31.01.2014 – 01.02.2014
XVIII National Seminar on “Crystal Growth”	National Seminar	Presented	----	Centre for Crystal Growth, SSN College of Engineering, Kalavakkam - 603110.	24.02.2014 – 26.02.2014
International Symposium on “Nano Structures for Photovoltaic Applications”	International Symposium	Participated	----	Department of Physics, Fatima College, Madurai	19.02.2014

UGC Sponsored National Conference on “Innovative Trends In Materials Science” (ITMS–2013)	UGC Sponsored National Seminar	Presented	----	Department of Physics, Arignar Anna College, Aralvoymoli – 629301	23.08.2013 – 24.08.2013
UGC Sponsored National Seminar on “Recent trends in crystal growth and nanomaterials” (NSCGNM – 2013)	UGC Sponsored National Seminar	Presented	----	PG & Research Department of Physics, National College (Autonomous), Tiruchirappalli.	13.03.2013 – 15.03.2013
XVII National Seminar on “Crystal growth” (XVII–NSCG–2013)	National Seminar	Participated	----	Department of Physics, Anna University, Chennai -25	09.01.2013 – 11.01.2013
UGC sponsored National Seminar on “Advanced Method of Preparation and Characterization of Newer Materials”	UGC Sponsored National Seminar	Participated	----	Department of Physics, Holy Cross College, Nagercoil–4.	19.12.2012 – 20.12.2012
National Seminar on “Sustainable Resource Management”	National Seminar	Participated	----	St.Mary’s College, (Autonomous), Thoothukudi .	04.10.2012
National Seminar on New Materials Research and Nanotechnology NSNMRN2012	National Seminar	Presented	Growth, SHG and Electrical properties of Sodium Iodide admixed L-alanine (SILA) single crystals [ISBN:978-93-81104-23-1] L-alanine (SILA) single crystals [ISBN:978-93-	Government Arts College, Ooty, Tamilnadu.	12.09.2012 – 14.09.2012
National Conference on Physics of New Materials NCPNM-2012	National Conference	Presented	Growth, Structural, Optical and Mechanical Properties of Sodium Iodide admixture L-alanine (NILA) Single Crystals	Noorul Islam University, Kumaracoil, Thucklay, Kanyakumari District, Tamilnadu.	20.04.2012 – 21.04.2012

DRDO Sponsored National Level Workshop on Recent Trends in Inorganic Materials	National Workshop	Presented	Growth and Characterization of Sodium Iodide admixed L-alanine (SILA) single crystals : A Promising NLO material	Department of Science & Humanities, National Engineering College, K. R. Nagar, Kovilpatti.	09.03.2012 –10.03.2012
International Conference on Recent Trends in Advanced Materials (ICRAM2012)	International Conference	Presented	Growth, Spectral, Optical and Thermal Studies of Sodium Chloride admixed L-alanine (SCLA) single crystals	VIT University, Vellore	20.02.2012 –22.02.2012
National Seminar On Advances in Materials Science	National Seminar	Presented	Growth, EDAX, SHG and Dielectric properties of sodium chloride admixture L-alanine (SCLA) single crystals	Department of Physics, Manonmaniam Sundaranar University, Tirunelveli	23.01.2012 –24.01.2012
XVI National Seminar On Crystal Growth	National Seminar	Presented	Growth, EDAX, SHG and Dielectric properties of sodium chloride admixture L-alanine (SCLA) single Crystals	Department of Physics, Aditanar College of Arts and Science, Tiruchendur –628216.	19.01.2012 –21.01.2012
International Conference on “Advanced Materials” (ICAM2012)	International Conference	Presented	A Comparative study on the growth and characterization of pure and urea doped L-alanine Hydrogen Chloride (LAHC) monohydrate single crystals	Department of Physics, Loyola College, Chennai - 600034.	05.01.2012 –07.01.2012
International Conference on “Advanced Materials” (ICAM2011)	International Conference	Presented	Growth, Structural, Spectral and Optical Studies of urea doped L-alanine Hydrogen Chloride (LAHC) monohydrate Single Crystals [ISBN:978-935-059-048-5]	Department of Physics, PSG College of Technology, Coimbatore– 641004.	12.12.2011 –16.12.2011

			L-alanine Hydrogen Chloride (LAHC) monohydrate Single Crystals [ISBN:978-935-		
National Conference on “Exploring the Frontiers of Vibrational Spectroscopy”(EX FOVIS-2011)	National Conference	Presented	Growth and Optical Characterization of Sodium Chloride Admixture L-alanine single crystals	Department of Physics & Research Centre, Women’s Christian College, Nagercoil.	01.09.2011 –02.09.2011

Papers Published

Paper Title	Author(s)	Journal	Year	Volume	Issue	Page No.
Structural, optical, thermal, mechanical and dielectrical characterizations of γ -glycine crystals grown In strontium chloride solution	B.Helina, P.Selvarajan, A. S. J. Lucia Rose	Physica Scripta	2012	85	5	055803-055808
Growth, Structural and Optical Studies on Bis L-alanine Barium Chloride Dihydrate (BLBCD) Single Crystal	A. S. J. Lucia Rose , P.Selvarajan, S. Perumal	Marian Quest	2012	1	1	106-109
Growth, Spectral, Optical and Thermal Studies of Sodium Chloride Admixture L-alanine(SCLA) Single Crystals	A. S. J. Lucia Rose , P.Selvarajan, S. Perumal	Advanced Materials Research (International Periodical)	2012	584	-	92-96
Growth, structural, spectral, mechanical, thermal and dielectric characterization of phosphoric acid admixture L-alanine(PLA) single crystals	A. S. J. Lucia Rose , P.Selvarajan, S. Perumal	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2011	81	1	270-275

Studies on growth and characterization of an NLO crystal: L-alanine hydrogen chloride (LAHC)	A. S. J. Lucia Rose, P.Selvarajan, S. Perumal	Materials Chemistry and Physics	2011	130	3	950-955
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Others:

Awards:

- **BEST PRINCIPAL PERFORMANCE AWARD FOR EDUCATION EXCELLENCE WITH MEDAL** in the National Seminar on Individual Contribution for Economic and Social Development by Intellectual Peoples Foundation, New Delhi on 1st October 2021.
- **BHARAT SHIKSHA RATAN AWARD** for Outstanding Achievements and Remarkable Role in the Field Of Education at New Delhi on 9th September 2021.
- **BEST POSTER PRESENTATION AWARD** in the XVI National Seminar on Crystal Growth conducted at Department of Physics, Aditanar College of Arts and Science, Tiruchendur during 19th - 21st January, 2012.

Title of the Paper: Growth, EDAX, SHG and Dielectric properties of sodium chloride ad mixture L-alanine (SCLA) single crystals

- **BEST ORAL PRESENTATION AWARD** in the UGC sponsored National Conference on Recent Trends in Crystal Growth and Nanotechnology conducted at Department Of Physics, Arignar Anna College, Aralvoymoli during 28th –29th January, 2011.

Title of the Paper: Growth, structural, spectral, mechanical and dielectric characterization of BisL-alanine Phosphate (BLAP) single crystals

Responsibilities held:

- Ethics
- FineArts Committee
- Discipline Committee
- Physics Association
- Examiner in Manonmaniam Sundaranar University, Tirunelveli
- Accompanied girls during annual tour
- Member in the Union Staff Advisors Committee
- Member in IQAC
- NSS Programme Officer
- Vice Principal(1997-2000)
- Hostel warden
- Member of organizing committee of National Conference on Advanced materials (NCAM–2013)
- Secretary(2008–2009, 2012-2015)
- Convener of International Conference on Solar Energy (INCSE-2015)
- Principal (2018–tilldate)