

RESUME

M. ARUL TRESA

W/o.Mr.T. Paul Raj

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OBJECTIVE:

- To use innovative ideas and deeds for improving my standards and thus to build a good career.
- To work in a value adding, performance, enhancing and competitive environment.
- To be the part of a reputed organization this helps in professional growth.

EDUCATIONAL QUALIFICATION:

Name of the Degree	Specialization	Education Institution/University	Year of Passing
Ph.D	Physics	Manonmaniam Sundaranar University,Tirunelveli	Pursuing
SET	Physical Sciences	Mother Teresa University, Kodaikanal	2016
M.Phil.	Physics	Manonmaniam Sundaranar University,Tirunelveli	2010
M.Sc.	Physics	Manonmaniam Sundaranar University,Tirunelveli	2006
PGDCA	Computer Science	Manonmaniam Sundaranar University,Tirunelveli	2002
B.Ed.	Physical Science	Manonmaniam Sundaranar University,Tirunelveli	1996
B.Sc.	Physics	Manonmaniam Sundaranar University,Tirunelveli	1995

ACADEMIC EXPERIENCE:

Sl.No	Name of the Institution	Position	Date of Joining	Date of Relieving	No of Years
1.	Infant Jesus College of Arts & Science for Women	Assistant Professor	01-06-2018	Till date	6
2.	St.Alphonsa Arts and Science College	Assistant Professor	01-06-2014	31-05-2015	1
3.	Our Lady's Teacher Training Institute	Science Lecturer	18-10-2006	31-05-2013	7
4.	Carmel Jyothi Matric & H.S.S.	P.G.Assistant	01-06-2016	31-05-2018	2
5.	Ringle Taube Matriculation & H.S.S.	Physics Teacher	18-10-2000	17-10-2006	6

NUMBER OF PUBLICATION S(JOURNALS & CONFERENCES):

Sl.NO	TITLE	NAME OF THE JOURNAL	ISSN/ISBN	STATE/ NATIONAL/ INTERNATIONAL
1	Investigations on the Growth and Optical, Dielectric and Antibacterial activity of L-Leucine Barium Chloride crystals"	Eurasian Journal of Physics and Functional Materials. (EJPFM)	ISSN: 2522-9869(UGC)	International
2	XRD, Electrical, Mechanical, Second and Third-Order NLO Studies of L-Leucinium Perchlorate Crystal	Indian Journal of Pure & Applied Physics (IJPAP)	ISSN: 0019-5596(UGC)	International
3	Antibacterial effect of Silver Nanoparticles obtained by greensynthesis method usingMilletiaPinnata aqueous extract	EPRAInternationalJournal of Research& Development (IJRD)	ISSN:14-09-2019 2455-7838	International
4	Structural and Optical properties of pure and Cobalt doped Tin oxide Nanoparticles	EPRAInternationalJournal of Research& Development (IJRD)	ISSN:21-09-2019 2455-7838	International

DETAILS OF PAPER PRESENTED AND PUBLISHED:

Sl.No	Title of the Paper	Title of Seminar/ Conference	Title of Seminar Organized by	International National/ State/	Details	Date
1	Synthesis and Characterization of Semiorganic NLO Crystals: L-Leucine Lithium Sulfate(LLLS)	Advanced Materials and their Applications” (ICAMA-24)	V.O.Chidambaram College, Thoothukdudi	International	ISBN: 978-81-931566-8-1	19-12-2024 & 20-12-2024
2	Investigation on various studies of L-leucinium perchlorate crystal grown by slow evaporation process	Innovations in Materials Science	Aditanar College of Arts and Science, Tiruchendur	International	ISBN: 978-81-977004-2-2	02-08-2024
3	Growth and characterization of an NLO crystal	Newer engineering concepts and technology	Department of S&H K.Ramakrishnan college of technology, Trichy	International	-	28-03-2024
4	Investigation on crystal growth, structure, spectral, hardness, NLO and antibacterial activity studies of L-Leucine barium chloride crystals	Prospectives of Multifunctional Materials-ICPMM 2024	St.Alphonsa College of Arts and Science, Soosaipuram ,Karinkal.	International	ISBN: 078-93-5577-829-1	22-02-2024 & 23-02-2024
5	Investigation on Studies of L-Leucine Barium Chloride (LLBC) Crystal Grown by Slow Evaporation Technique	Recent Advances in Physics (ICRAP'24)	The American College, Madurai	International	ISBN: 978-93-92995-93-4, S.No.35.	10-01-2024 & 11-01-2024

6	XRD, Electrical, Mechanical and SHG Studies of L-Leucinium Perchlorate Crystal (LLPC)	Advanced Materials and their Applications” (ICAMA-2-23)	V.O.Chidambaram College, Thoothukudi	International	ISBN: 978-81-931566-7-4,S.No.70.	14-12-2023 & 15-12-2023
7	Growth and Charecterization of NLO Crystal L-Leucine Barium Chloride(LLBC)	Functional Materials for Sustainable Energy & Information Technology (FuMSEIT-2023	Crescent Institute of Science & Technology, Chennai	National	ISBN:978-93-92892-882, CG_OP 02.	27-11-2023 & 28-11-2023
8	XRD, Optical and SHG Studies of L-Leucine Barium Chloride Crystals	Technologically Important Materials for Device Fabrication” (TIMDF-2023)	Aditanar College of Arts and Science, Tiruchendur	International	ISBN: 9-789395-423922	01-09-2023
9	Growth and Studies of Semiorganic NLO Crystals:L-Leucine Barium Chloride	Emerging Materials and its Applications (ICEMA 2022)	St.Xavier’sCollege, Palayamkottai	International	ISBN: 978-81-956471-0-1	01-03-2022
10	Characterization of L-Leucine Barium Chloride Crystals grown by Aqueous Solution Method	Advances in Materials Science (ICAMS-2021)	Manonmaniam Sundaranar University, Tirunelveli.	International E-Conference		24-03-2021 To 26-03-2021
11	Growth,Structural,Mechanical and SHG Studies of L-Leucine Barium Chloride Crystals	Advanced Research in Materials Science	Kamaraj College, Thoothukudi	National E-Conference		22-02-2021 & 23-02-2021

FDP/ PDP ATTENDED

Sl. No	Topic	Organizers	Date
1	NAAC accreditation and documentation blue print	Accreditation ranking and certification network of india (ARCNET –INDIA) and climed research solutions, India	04-01-2024
2	Implementation of NEP-2020	Indira Gandhi National Open University.	21-12-2022 to 31-12-2022
3	Recent Advancements in Materials,Manufacturing and Technology	Swarnandhra College of Engineering and Technology,Andhra Pradesh	30-10-2023 to 4-11-2023

SEMINARS/WORKSHOP ATTENDED:

Sl.No	Title of the Paper	Name of the Institution	Date
1.	National Seminar -Rare Earth Elements:The Intersection of Science and Society.	S.T.Hindu College,Nagercoil.	13-03-2020
2.	International Conference -Novel Materials for Evolving Technological Applications.	Holy Cross College (Autonomous),Nagercoil.	02-03-2020

3.	International Seminar- Technologically Advanced Materials	Muslim Art College, Thiuvithancode	06-09-2019
4.	International Conference- Advanced Materials	Aditanar College of Arts and Science,Tiruchendur.	26-08-2019
5.	National Conference- Recent Developments in Effective Materials	Sarah Tucker College (Autonomous),Tirunelveli	01-02-2019
6.	National Seminar- Emerging Trends in Physics	Sadakathullah Appa College (Autonomous),Tirunelveli	10-01-2019 & 11-01-2019
7.	International Seminar- Nanomaterials For Energy Storage Devices	Holy Cross College (Autonomous),Nagercoil	27-08-2018
8.	Safegaurding Children Training Workshop	Irish National Board	01-06-2017& 02-06-2017

MEMBER OF ANY ORGANIZATION:

Sl.No	Name of the Organisation	Position
1	School Educational Depatment ,General Library Association	Library Puravalar

RESEARCH EXPERIENCE & TRAINING

Research Stage	Title of the work/Thesis	University where the work Was carried out
Currently Pursuing Ph.D Reg No : 18221282132038 dated 05/07/2018	Investigation on Synthesis and Characterization of L-Leucine Based Semiorganic NLO Crystals.	Manonmaniam Sundaranar University, Tirunelveli.

RESPONSIBILITIES IN THE INSTITUTION:

Head of the Department, Internal Quality Assurance Cell,
Campus Ministry & Womens Forum

AWARDS /PRIZES:

Elocution & Essay Writing (District ,College & School Level)

DETAILS OF PROJECT WORKDONE:

- M.Phil : Nuclear Shape Transitions at high spin and their consequences

STRENGTHS:

- Ability to deal with people diplomatically and willingness to learn.
- Dedication adaptation, flair orientation towards the carrier.

HOBBIES:

- Reading Books
- Gardening

PERSONAL DETAILS:

Name	:	M.Arul Tresa
Husband's Name	:	Mr. T. Paul Raj
Date of Birth	:	13.01.1975
Age	:	50
Gender	:	Female
Nationality	:	Indian
Caste & Community	:	BC Nadar
Religion	:	RC Christian
Mother Tongue	:	Tamil
Linguistic Proficiency	:	Tamil, English & Malayalam
Permanent Address	:	5-122A, Manickavilai Devicode, Udayamarthandam Post, Kanyakumari District Tamilnadu- 629178

DECLARATION:

I, M. Arul Tresa hereby declare that the above furnished information's are true to the best of my knowledge.

Place: Devicode,

Date: 11-03-2025.

(M.Arul Tresa)

