

RESUME



Name: Dr.L. ANTONY SELVAM

Designation: Assistant Professor

Department: Physics

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kallamanaickerpatty(post), vembakottai(Taluk), Sivakasi
(via),Viruthunagar (Dt), Pin - 626131.**

PERSONAL DETAILS

Date of Birth : 16-04-1985
Qualification : M.Sc., M.Phil., Ph.D.
Designation : Assistant Professor
Department : Physics
Community : BC
Religion : RC Christian
Nationality : India
Mobile : 9791420405
Email ID : profantony100@gmail.com

ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
Ph.D	PHYSICS	Loyola College, Chennai	University of madras	2021
M.Phil	PHYSICS	St. Joseph's College, Trichy	Bharathidasan University	2008
M.Sc	PHYSICS	St. Joseph's College, Trichy	Bharathidasan University	2007
B.Sc	PHYSICS	St. Xavier's College, Palayamkottai	Manonmanium Sundaranar University	2005

ACADEMIC IDENTITY

*VIDWAN ID	286856
*ORCID ID	0000-0002-0003-0889
*SCOPUS ID	57490377000
*RESEARCHER ID/ PUBLONS ID	GOG-8323-2022
GOOGLE SCHOLAR LINK	https://scholar.google.com/citations?user=ESyygJQAAAAJ&hl=en

TEACHING EXPERIENCE

Date of Appointment	13-08-2021
Date of Retirement	Nil
Teaching Experience	UG 4 years PG 4 years
	M.Phil- nil B.E/B.Tech Engineering Colleges-12 years
Research	Guided M.Sc: 12 Guided Ph D: nil Guiding PhD Scholar: nil

COURSES/CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	
B.E/B.Tech	Bharath nikan engineering college	02-03-2009	30-06-2011	2.2 years
B.E/B.Tech	Prathyusha institute of technology and management	02-08-2011	17-05-2012	10 months
B.E/B.Tech	Sree sastha institute of engineering and technology	05-09-2012	05-02-2013	6 months
B.E/B.Tech	Rajalakshmi engineering college	05-03-2013	25-06-2014	1.3 months
B.E/B.Tech	Dhanalakshmi college of engineering	06-08-2014	08-08-2021	7 years
B.Sc Physics	St.Xavier's college	13-08-2021	Till date	4 years

AWARDS RECEIVED	
1.	Best teacher – Bharath Niketan engineering college
2.	
3.	
4.	
5.	

ADMINISTRATIVE EXPERIENCE			
S. No	DESIGNATION	INSTITUTIONS	YEAR
1	COE	BHARATH NIKETAN ENGINEERING COLLEGE	2009- 2011
2	ADMISSION COORDINATOR	DHANALAKSHMI COLLEGE OF ENGINEERING	2019-2021

MEMBERSHIP		
S. No	Designation	Particulars
1.		
2.		
3.		
4.		
5.		

ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE ()			
S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1	FDP	INFOSYS	CHENNAI-8. 9 th of FEBRUARY 2016
2	FEP	IQAC-SXC	PALAYAMKOTTAI-23-07-2024
3	REFRESHER COURSE	IQAC-SXC	PALAYAMKOTTAI 29.05.2024 to 14.05.2024
4	FDP	PG & RESEARCH	Madurai-25-11-2024 TO 29-11-2024

DETAILS OF RESEARCH WORK		
Research Stages	Title of the Thesis	University where the work was carried out
COMPLETED	DENSITY FUNCTIONAL THEORY CALCULATIONS ON 2-AMINO-5-SUBSTITUENT-3-NITROPYRIDINE AND 2, 4-DI-SUBSTITUENT-ANILINE MOLECULES	UNIVERSITY OF MADRAS

AREAS OF RESEARCH
DENSITY FUNCTIONAL THEORY
CRYSTAL GROWTH
MOLECULAR DOCKING
DRUG DISCOVERY STUDIES
NANO MATERIALS

RESEARCH PROJECTS CARRIED OUT			
S. No	Title of the Project (Minor)	Name of the Funding Agency & Amount	Duration

PUBLICATIONS				
BOOKS	BOOK CHAPTERS	SCOPUS	WEB OF SCIENCE	UGC LISTED
0	0	2	0	
OTHER INDEXED	AS A RESOURCE PERSON	PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS	WEBINARS, SEMINARS, WORKSHOPS ATTENDED	
1	1	7	20	

PUBLICATIONS: BOOKS (0)			
S. No	Title of the Book	Publication	Year
	NIL		

BOOK CHAPTERS (0)			
S. No	Title of the Paper	Name of the Book	ISSN No., Pg.No
	NIL		

PUBLICATIONS: SCOPUS INDEXED JOURNALS (2) WEB OF SCIENCE (0)

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1	Quantum chemical computational studies on 2,4-difluoroaniline calculated by DFT method	Materials Today: Proceedings, Elsevier Ltd.	ISSN 2214-7853, 2020, 50, pp. 2780–2783, IMPACT FACTOR 1.46
2	Density functional theory analysis of an organic compound 2-amino-5-chloro-3-nitropyridine	Materials Today: Proceedings, Elsevier Ltd.	ISSN 2214-7853, 2020, 50, pp. 2760–2763, IMPACT FACTOR 1.46
3	Density functional theory calculations on 2-chloro-4-fluoropyridine	<i>AIP Conference Proceedings</i>	ISSN 2214-7853 Volume 2770, Issue 1 31 May 2023
4	Quantum chemical studies on the molecular structure and optical properties of 2-amino-5-bromo benzaldehyde compound based on DFT calculations	<i>AIP Conference Proceedings</i>	ISSN 2214-7853 Volume 2770, Issue 1 31 May 2023
5	Quantum chemical studies on the molecular structure of 2-chloro 3,5-dinitro pyridine compound based on dft calculation	SCIENCIA ACTA XAVERIANA	0094243X, 1551-7616 Volume 14. NO.1. PAGE 17-27. MARCH 2023
6	Molecular structure, FT-IR and homo-lumo studies on 2-bromo-4,6-dinitroaniline	SCIENCIA ACTA XAVERIANA	2047-6841 Volume 14. NO.1. PAGE 29-39. MARCH 2023

PUBLICATIONS: UGC LISTED JOURNALS (1)			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1.	Comparison of molecular properties and docking exploration of ternary organic compounds of 2, 4-Di-substituent-aniline calculated by DFT method	International Journal of Computational Materials Science and Engineering	0094243X, 1551-7616 Published online: 06 sep 2023.

PUBLICATIONS: OTHER INDEXED JOURNALS (0)			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg.No

AS A RESOURCE PERSON (1)			
S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	WORKSHOP	V.O.Chidambaram College	Tuticorin,13-09-2024

WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP PAPER PRESENTED: National (3) International (5)			
S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	RAMN-2017(CONFERENCE)	AMET university	26 th -27 th May, 2017, Chennai
2	ETNEM-2017(CONFERENCE)	AMET university	11 th August, 2017,Chennai
3	ICMEE - 2018(CONFERENCE)	Loyola College	22 nd -23 rd February, 2018, Chennai
4	ICRTAST - 2019(CONFERENCE)	SSN College	September 19-21, 2019,Chennai
5	NCMS-2020(CONFERENCE)	Loyola College	9 th JAN, 2020,Chennai
6	ICMEE - 2020(CONFERENCE)	Loyola College	February 20-21, 2020,Chennai
7	NCMS-2021(CONFERENCE)	Loyola College	19 th MAR, 2021,Chennai
8	ICMSA-2021(CONFERENCE)	St.xaviers college	MAR 2,2021,palayamkottai

WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP ATTENDED:			
S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	Revealing the advances in material science workshop	sri sairam institute of technology, chennai	Chennai, 19 th -20 th July, 2016.
2	Light matter interaction webinar	St.xavier's college,palayamkottai	Palayamkottai, 19 th Aug, 2021
3	DFT modelling of molecules using Gaussian 16 software	V.O.Chidambaram College	Tuticorin, 13-09-2024
4.	Biodiversity and Climate Change (ICBCC-2025)	St.Xavier's college,Palayamkottai	Palayamkottai- 13 th ,14 th of Feb,2025

COUNTRIES VISITED			
NIL			

EXTRA-CURRICULAR ACTIVITIES/ CO-CURRICULAR ACTIVITIES ATTENDED(NCC/NSS/YRC/SPORTS/LITERARY AND CULTURAL ACTIVITIES)
NSS
STAND
LYRICS WRITER
DANCER
DRAMA WRITER
AICUF
MAX FORUM

Date: 24-01-2025

Name: Dr. L. ANTONY SELVAM