

Name : Dr. I. KALAIARASI

Qualification : M.Sc., M.Phil., Ph.D.,

Designation : Assistant Professor

Department Name : Physics

Date of Birth : 31-07-1969

Date of Appointment : 31-08-2006 (Annamalai University)

Date of Deputation : 17-05-2017(Govt. College for Women (A), Kumbakonam)

Office Address : Govt. College for Women (A), Kumbakonam.

Mobile No : 9486517197 & 9042290834

E-mail Id : ikalai 69@gmail.com

Specialization : Applied Spectroscopy& Nanoscience

Experience (UG/PG) :17 years

Research Guidance : M.Phil - Completed 4
: PhD -1 (Ongoing)



➤ **Papers Published**

S. No	Title Of the Paper/Article	Name Of The Journal/Magazine	Date Of Publication, Page No., Issue No., Vol. No.	Name Of The Publishes ISSN/ISBN No.	H-Index	Range	Average	Whether Scopus/SCI, SCIE
1	Distribution of polybrominated diphenyl ethers(PBDEs) in sediment and food-web of mangrove ecosystem at Pichavaram, Tamil Nadu, India	International journal of Chem Tech Research	February 2015, P 3163-3170, N0 7, vol 7	ISSN-0974-4290				
2	Synthesis and characterization of pure and surfactant assisted ZnO Nanoparticles	Journal of Emerging Technologies and Innovative Research	October 2018, P No,10 Vol 5	ISSN 2349-5162				

4	Synthesis and characterization of pure and Co doped ZnO Nanoparticle	Journal of Emerging Technologies and Innovate Research	November 2018 P 24-28 No,11 Vol 5	ISSN 2349-5162				
5	<u>Synthesis Of Cu-Mn Doped ZrO₂ Nanoparticles, And Its Application</u>	Aegaeum Journal	2020					
6	TL GLOW CURVE AND EFFECT OF ANNEALING ANALYSIS ON NATURAL BARITE COLLECTED FROM MANGAMPE TA, INDIA V. Ramaswamy* & I. Kalaiarasi Department of Physics, Annamalai University, Annamalainagar, Tamilnadu, India	Indian Journal of Research and Reviews in Applied Sciences	Issue3 Vol11 p.No495-498 2012					
7	ESR Investigation on Natural Barite samples collected from Mangampeta Mines of Uddapah District, Andhra Pradesh, India.	Journal of Asian Scientific Research	2(5)275 2012					

(P.T.O)

➤ Details Of Conference / Seminars / Workshop Attended :

S.No	Title Of The Event	Date	Place	National / International
1	International conferene on Recent Advances in Applied Physics (ICRAAp-2017)	21 st and 22 nd September 2017	Faculty of Engineering and Technology, Annamalai University	International
2	National conference on New Energy Materials for secure and sustainable future (NEMSS-18)	01,02 November 2018 ,	Thiru Kolanjiappar Government Arts College, Virudhachalam	National
3	National conference on recent trends in Material Science(RTMS- 2018)		Department of Physics Annamalai University Centralized Instruementation and Service Laboratory(CISL)	National
4. .	Workshop on Laser Scanning confocal Microscope	30 th October 2017,	Annmalai University	
5.	Sympociem onTrend Setters in Material Science(TSIM)	6 th & 7 th February 2018	Government College for Women (A) Kumbakonam	

➤ Paper Presented Details :

Title	Date	Place
Synthesis crystal structure characterization and theoretical studies of 4 methyl-N(Propan -2- Yliedene)benzene Sulfonylhydrazide	21 st & 22 st September	Faculty of Engineering and Technology, Annamalai University
Strontium doped Potassium Hydrogen Phthalate crystal :Growth and Characterization	1,2 November 2018	Thiru Kolanjiappar Government Arts College, Virudhacharlam.
A study of Thermoluminescence Mechanism involved in Natural Barite		Department of Physics Annamalai University

➤ FDP/ Orientation / Refreshes Courses Attended:

S.NO	Course	Title	Place and Date
1.	Refresher course in Physics	Emerging areas in condensed Matter Physics	UGC-Human Resource Development Centre, Madurai Kamaraj University. 16.11.2018 to 06.12.2018
2.	Short term course	Counselling skills and strategies for nurturing young minds	Faculty of Education, Annamalai University . 24.12.2018 to 30-12-2018

➤ Committee Responsibilities:

(@ Government College For Women(A), Kumbakonam)

S.No	Committe	Date	Place
1	Member of Research committee	2016	Department of Physics Annamalai University
2.	UG/PG Board of Studies	24 th and 18 th Aug	Department of Physics Govt. College for women (A)Kumbakonam
3.	Academic audit Committee Member	28-3-2018	Department of Physics Govt. College for women (A)