



PROFILE

Name : Dr. C.S.A. RAJ			
Department	PHYSICS		
Designation	ASSISTANT PROFESSOR		
Email	csaraj@gmail.com		
Teaching Experience	UG: 11 years	PG: 2years	

Recognised Educational Qualifications

S. No.	QUALIFICATION	INSTITUTION	BOARD/ UNIVERSITY	YEAR OF PASSING
1	Ph.D	Loyola College (Autonomous)	University of Madras	2015
2	M.Phil	St. Joseph's College (Autonomous)	Bharathidasan University	2007
3	B.Ed	St. Xavier's College of Education	Manonmaniam Sundaranar University	2006
4	M.Sc	St. Joseph's College (Autonomous)	Bharathidasan University	2004
5	B.Sc	St. Joseph's College (Autonomous)	Bharathidasan University	April 2002

Work Experience

S.No	Name of the Institution/Organisation	Designation	Nature of Work	Period	AOI (Any Other Information)
1	Loyola College (Autonomous)	Lecturer		November 2007 to October 2008	1 year
2	Loyola-ICAM College of Engineering & Technology	Visiting Faculty		August 2010 to June 2011	1 year
3	Loyola-ICAM College of Engineering & Technology	Assistant Professor		July 2011 to June 2018	7 years
4	Arul Anandar College, Karumathur	Assistant Professor		June 2018 to till date	2 years 4 months

Publications (Contributions in Journals/Edited Books/Proceedings)

Title of the Paper	Name of the Journal/Book/Proceedings	Whether Journal/Book/Proceedings	Volume and No	Page Nos	ISSN/ISBN No	Publisher and Place
Photoconductivity Studies of Hybrid ZnTe/MgPc Thin Films formed by Physical Vapour Deposition	Archives of Physics Research	Journal	4	22-28	0976 – 0970	Scholars research library
Effect of Post Deposition Annealing on the Optical Absorption and Photoconductivity Studies of pure ZnTe and pure MgPc Thin Films formed by Vacuum Deposition	Archives of Applied Science Research	Journal	5	167-171	0975 – 508X	Scholars research library
OPTIMIZING THE ANNEALING TEMPERATURE OF PURE ZINC TELLURIDE(ZNTE) THIN FILMS FOR SOLAR			6	974-977	(E-ISSN 2348-1269, P- ISSN 2349-	IJRAR March 2019

CELL APPLICATIONS					5138)	
Optical absorption and photoconductivity studies of hybrid thin films formed by vacuum deposition	International Conference on Nanotechnology and Ultrasound	Proceedings				St. Joseph's College, Trichy
Effect Of Annealing on the Optical and Photoconductivity Studies of Hybrid ZnTe/MgPc Thin Films Formed by Vacuum Evaporation	Thin Films and Nanomaterials	Proceedings			978 – 059 – 049 – 2.	Macmillan Advanced Research Series
Characterization of Hybrid Thin Films for Solar Cells – As a Response to Climate Change	National Conference On Engineering Response to Climate Change	Proceedings				Loyola – ICAM College of Engineering and Technology

Conference/Workshop/Seminar – Organised

S. No.	NAME OF THE SEMINAR/CONFERENCE/ WORKSHOP	ORGANISING CAPACITY	SPONSOR	PERIOD/ DATE
1	Recent Trends In Physics	Organizing Secretary	UGC	February 2019
2	International Conference on Advanced Materials	Organizing Secretary	UGC	February 2020
3.	International Webinar on the Recent Advancements in Nanocomposites for Device Applications	Organizing Secretary	-	August 2020

Papers presented in Seminars/Conferences/Workshop

Title of the Paper	Title of the Seminar/conference/ Workshop	Level of Seminar/Conference/Workshop	Organising Institution	Date
Solar Energy- Hope for the future	Workshop on Scientific Writing and Presentation	State Level	Women's Christian College, Chennai.	18.2.2010

Corrosion Awareness and Control	Workshop on Scientific Writing and Presentation	State Level	Women's Christian College, Chennai.	18.2.2010
Hydrogen Energy	Seminar on Renewable Energy Resources	National	Yadava College, Madurai in collaboration with Loyola Institute of Frontier Energy (LIFE), Loyola College, Chennai.	4 th and 5 th March 2010
Materials for Solar Energy Conversion (Co-authored)	Seminar on Renewable Energy Resources	National	Yadava College, Madurai in collaboration with Loyola Institute of Frontier Energy (LIFE), Loyola College, Chennai.	4 th and 5 th March 2010
Renewable Sources of Energy- Fuel Cells (Co-authored)	Seminar on Renewable Energy Resources	National	Yadava College, Madurai in collaboration with Loyola Institute of Frontier Energy (LIFE), Loyola College, Chennai.	4 th and 5 th March 2010
Optical, Structural and Photoconductivity studies on pure ZnTe thin films	Conference On Green Energy For Sustainable Development	National	Loyola Institute of Frontier Energy (LIFE) and Loyola-ICAM College of Engineering and Technology (LICET), Loyola Campus, Chennai.	7 th and 8 th January 2011
Optical Absorption and Photoconductivity Studies on Hybrid ZnTe / MgPc thin films formed by Vacuum Sublimation	Conference on NanoTechnology and Ultrasound	International	St. Joseph's College of Arts and Science (Autonomous), Trichy.	12 th - 14 th January, 2011
Effect Of Annealing on the Optical and Photoconductivity Studies of Hybrid ZnTe/MgPc Thin Films Formed by Vacuum Evaporation	Conference On Advanced Materials (ICAM)	International	Department of Physics, PSG College of Technology, Coimbatore.	12 – 16 December 2011
Photoconductivity Studies of Hybrid ZnTe/MgPc Thin Films	International Conference On Frontiers In Materials Science For Energy And Environment (ICFMS)	International	Loyola Institute of Frontier Energy (LIFE), Loyola College, Chennai.	11 th -13 th January 2012
Characterization of Hybrid Thin Films for Solar Cells – As a Response to Climate	National Conference On Engineering Response to Climate Change	National	Loyola – ICAM College of Engineering and Technology, Chennai.	15 th and 16 th January 2016

Change			
--------	--	--	--

Seminars/conferences/Workshops Attended

Title of the Seminar/conference/Workshop	Level of Seminar/Conference/Workshop	Organising Institution	Date and Place
Recent Trends in Sensor Development for the Assessment and Management of the Environment	International	LIFE, Loyola College, Chennai	6-10 JAN 2009
Climate Change and Future Security	National	LIFE, Loyola College, Chennai	8 th & 9 th JAN 2010
Conservation of Biodiversity For The Holistic Development	National	LIFE, Loyola College, Chennai	3 rd & 4 th DEC 2010
Green Energy For Sustainable Development	National	LIFE & LICET Loyola College, Chennai	7 th & 8 th JAN 2011
E-Waste Management for Environmental Protection	National	LICET & LIFE, Loyola College, Chennai	18 th Mar 2011
On Frontiers In Nanoscience and Technology	National	VIT-Chennai.	18 th FEB 2012
Akash for Education	ISTE Workshop	IIT Bombay	10 th & 11 th NOV 2012
Nanostructure-Based Solar Photovoltaics	International	VIT-Chennai	22 nd October 2013
Analog Electronics	ISTE Workshop	IIT- Kharagpur	4 th to 14 th June, 2013
Engineering Thermodynamics	ISTE Workshop	IIT - Bombay	11 th -21 st DEC 2012
Management Development Programme	State Level	Loyola College, Chennai	
Bridge Course on Physics	State Level	Centre for Faculty Development, Anna University, Chennai.	
Ethics Teachers Training Course	International	UNESCO Bangkok in association with	

		Loyola – ICAM College of Engineering and Technology, Chennai.	
Bridge Course on Physics	State Level	Centre for Faculty Development, Anna University, Chennai.	
Orientation Course for NSS Programme Officers	State Level	Empanelled Training Institute (ETI) - Madras School of Social Work, Chennai	
International Educators Meet (IEM)	International	Centre for Technology Development and Transfer (CTDT), Anna University, Chennai	
Orientation Programme for NSS Programme Officers	State Level	Anna University, Chennai.	

E-content Created

Title of the Content	Type of Content	Link
An introduction to properties of matter : Elasticity	Video	https://drive.google.com/file/d/1McvgRBQKkMC4QuxMppqy3cQ6we_Gjj7y/view?usp=sharing
An introduction to LASERS	Video	https://drive.google.com/file/d/1VXHcKcIOctqSf3Hoc2oSvfOMsYFhPMU/view?usp=sharing
An introduction to Physical Optics	PPT	https://drive.google.com/file/d/162TjhYBypOzjx1dkeKqHJFs-rFXxFXyH/view?usp=sharing
Nuclear reactions	PPT	https://drive.google.com/file/d/11v7JLeA4graHtt3nwC67MBldRva0vjh/view?usp=sharing

Achievements & Awards

1. Selected for the Best Educationist award by the International Institute of Education & Management in 2017.
2. Received an award titled "INTERNATIONAL DISTINGUISHED

RESEARCHER IN THIN FILM PHYSICS” from International Journal of
research under Literal Access in Association with World Research Council.

