

PROFILE: M.Kavitha WEBSITE



Name : Dr. M.Kavitha
Designation : Assistant Professor

Date of Entry into Service : 25/2/2008

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

Areas of specialization : Solid State Physics

Projects undertaken

Title of the Project	Name of the funding Agency	Duration	Completed/Ongoing	Amount	Remarks

Seminars Organized

Title of the Seminar/Conference/Workshop	Date	Sponsoring Agency	National/State/ International	Co-ordinator/ Convener
Progress in condensed matter physics	7/01/2015	-	State level Seminar	Convener

Seminars, Workshop and Conferences Attended

Title of the Seminar/Conference/Workshop	Date	Sponsoring Agency	National/State/ International	Organization in which attended
Workshop	09.02.2012 To 10.02.2012	UGC	International workshop on Advanced Energy Materials	School of Physics, Alagappa University, Karaikudi

Conferences	12.12.2011 To 16.12.2011	UGC	International Conference on Advanced Materials	Department of Physics, PSG College of Technology, Coimbatore
Seminar	16 th September 2011	UGC	National seminar Nano science and technology – an overview	Department of Physics, Arul Anandar College, Madurai

Books Published:

Title of the Book Published	ISBN No.	Publisher if any	Year of Publishing	Authored/Edited

Research Publications:

Title of the Journal	ISSN No. if any	Volume No. & Page No. if any	Year	International/ National/State
Characterized by the PN multilayer thin film for solar cell application	ISSN 2229- 5518	Volume 4, Issue3	March-2013	International Journal of Advancements in Research & Technology
Synthesis and Characterization of TiO ₂ Nanopowders in Hydrothermal and Sol-Gel Method”	ISSN 2278- 7763	Volume 2, Issue4, pp-102	April-2013	IOSR Journal of Applied Chemistry (IOSR-JAC)
Optical properties of (AR) multilayer thin film for solar cell application”	e-ISSN: 2278- 5736	Volume 4, Issue4 PP 01-04;	(May. – Jun. 2013),	International Journal of Innovative Research in Science, Engineering and Technology
“Dye Sensitized Solar cell materials -TiO ₂ with Hesperidin”	ISSN: 2319- 8753	Vol. 2, Issue 7,	July 2013	International journal of current research
Synthesis and Characterization of surface modified RhoB-TiO ₂ ”		Vol. No .5, Issue, 08, PP.2179-2182	July 2013	International Journal of Innovative Research in Science, Engineering and Technology
Characteristics Studies On Multilayer Thin Film In CBD For Photovoltaic Solar Cell Material	ISSN: 2319- 8753	Vol. 2, Issue 8,	August 2013,	International Journal of Current Research

Properties Of ZnS Buffer Layer Prepared By CBD For Solar Cells	ISSN: 0975-833X	Vol. 5, Issue, 12, pp.4222-4226,	December, 2013	
Particle size analysis for different substrate of ZnS/ZnO thin film in CBD	ISSN 2090-9527	Vol.5 Issue 2,pp.137-141	May 2016	International journal of thin film science and technology
Physical properties of single layer thin film in CBD for sulfur and oxide PV solar cell materials	ISSN 2321-17177	Vol.4 Issue 3 pp.446-58	March2016	International journal of Engineering Research

Research Activities

Degree	No. Awarded	No. Submitted	No. Guiding
M.Phil.,	3	Nil	1
Ph.D.,(Part-time)			
Ph.D. (Full-time)			

Details of Invited Lecture / Resource Person :

Place	Date	Sponsoring Agency	Topic	Audience type	International/National/State Level
Madurai	28 th Jan'16	Mangayarkarasi College For Women	Energy Materials	Students	State Level

Academic council/Board of Studies Member:Nil

Institution	For a period of	Dept.

Honours Achieved :Nil

Agency	Recognition IN/National/State	Cash award if any(Amount)	For the service of

Service in Extra Curricular Activities (NSS/NCC/AEEP/YRC/MCCA/Club etc.,)

Whether NSS/NCC/AEEP/YRC	Period
Culb activity	

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Reviewer/editor of a journal: Nil

Title of the Journal	ISSN No. if any	International/ National/State	Impact factor/h- index

Details of Orientation and Refresher attended

Orientation/Refresher	University/College/Institute at which attended	Duration	
Orientation	Bharathiar University	20.01.2010	16.02.2010
Refresher	Madurai Kamaraj University	12.11.2013	02.12.2013
Refresher	Bharathiar University	24.05.2016	13.06.2016

Any Other Information: Nil