

Resume

I General Information

Name : Mrs.T.VASANTHA MALLIC
Father's Name : A.Thiruvengadam
Age : 52 Years
Designation : Associate professor
Department : Physics
Email ID : vasanthamllg@gmail.com
Date of appointment : 29.09.1986
Date of retirement : 30.04.2021



II Educational Qualification

Examination Passed	Board/University	Subject	Year of Passing
SSLC	Board of Secondary Education		1978
PUC/ Higher Secondary	Board of Higher Secondary Education		1980
Bachelor's Degree	Madurai Kamaraj University, Madurai.	Physics	1983
Master's Degree	Madurai Kamaraj University, Madurai.	Physics	1985
M.Phil	Madurai Kamaraj University, Madurai.	Physics	1986
Ph.D	Manonmaniam Sundaranar University, Tirunelveli.	Physics	

III Teaching Experience : UG : 29 Years
PG : 2 Years
Field of Specialization : Solid State Physics, Solar thermal technology.

In-house projects guided

Year	UG / PG / M.Phil	Number of Students	Area of study
2008	PG	2	Solar thermal technology
2009	PG	2	Solar thermal technology

No. of articles published in Journals

International : 1
National : 2

No. of papers presented in Seminars / Conferences

International : 2
National : 7

No. of articles published in Books / Conference Proceedings :7

Articles published

Title of the Article	Name of the Journal	Citation Index
Critical study of multi-valley effective mass equation for donors in silicon.	Physicl ReviewB	3

Experimental assessment on Evacuated Tube with Nano based Anti Reflection Coating and Solar Desalination System	Multidisciplinary Research Journal	-
Experimental evaluation of thermal performance of Nano absorptive coated tube based solar heating systems with band, flat and corrugated reflectors.	Roots International Journal of multidisciplinary Researches 2014-15	-

Papers presented

Date	Seminar / Conference	Level	Title of the paper	Venue
21.01.2010 - 23.01.2010	National Conference on “Renewable Energy Sources And Technology”	National	Design, Fabrication And Performance Evaluation Of Low Cost Conical Shaped Desalination System	V.H.N.S.N .College, Virudrunagar
15.10.2010	National Conference on Renewable Energy for Rural Applications	National	Experimental Investigations On Novel Conical Shaped Desalination System	Government Arts College, Melur,
26.08.2011 - 27.08.2011	National Conference On Energy Conservation And Renewable Energy Technology	National	Experimental assessment of thermal characteristic of evacuated tubular hot air system	V.H.N.S.N .College, Virudrunagar.
03.01.2012	National Conference On Recent Trends in Physics	National	Investigations on the Thermal characteristic of large scale(500 lpd) evacuated tubular hot water system	V.V.V.College, Virudrunagar.
27.07.2012	International conference on Science And Technology For Clean And Green Environment - 2012	International	Experimental assessment of the Energy, Environmental and Economic benefits of Solar evacuated tubular technology	Annamalai University

09.02.2013	National Seminar on Solar Energy Conversion with Nano Particles	National	Design, Development and Performance Evaluation of a solar box type cooker	Amman college of Arts and Science, Dindigul
27.11.2013 - 28.11.2013	State Level Awareness and Motivational Seminar on Non-conventional and Renewable Energy Resources	State	Estimation Of Thermal Performance Of Evacuated Tube Integrated Solar Desalination System	Arulanandarcollege, Karamuthur
29.09.2014 - 30.09.2014	National Seminar On Advances In Materials Science	National	Thermal Performance Of SolarCollector WithNano carbon Coated Absorbers	Manonmaniam Sundaranar University, Tirunelveli
11.12.2014 - 13.12.2014	International conference on Solutions to Ecological Challenges:Multid imensional Perspectives	International	Energy Efficacy Based Assessments On New Materials,Nano-Structured Components And Novel solar systems	Fatima Collège, Madurai.
26.02.2015	National conference on Frontier Areas in Chemistry	National	Evaluation Of Thermal Performance Of Nano Absorptive coated tube based heating system with Band,Flat&Corrugated reflectors	Thiagarajar College, Madurai .
14.08.2015	National	National	Recent Trends in energy Technology	The American College Madurai

Articles published in Books / Conference Proceedings

Year	Book title / Conference	ISBN	Article title
2010	Energy conservation and renewable energy Technology	Page no-12	Experimental assessment of the thermal characteristics of evacuated Tubular Hot air system.

2012	Science and Technology for clean and Green Environment	Page no- 96 & 97	Experimental assessment of the energy, Environmental and Economic benefits of Solar evacuated tubular Technology.
2014	Advances in materials science	978-93-81402-16-0	Thermal Performance of solar collector with Nano carbon coated Absorbers
2015	Recent advancements in the Frontiers of Science & Humanities 2K1H	Page no-4	Comparative assessment of thermal performance of underflow solar collectors with nano- carbon coated absorbers.
2014	Solutions to Ecological Challenges:Multidimensional Perspectives	978-81-926370-2-0	Energy Efficacy Based Assessments On New Materials,Nano-Structured Components And Novel solar systems
2015	Frontier Areas in Chemistry	Page no-1	Experimental evaluation of thermal performance of Nano absorptive coated tube based solar heating systems with band, flat and corrugated reflectors.
2015	International Journal of recent Scientific Research	ISSN: 09776-3031	Graphite-ZnO nanocomposite based absorptive coating for solar absorber with single sided baffle arrangement: Preparation XRD characterisation and thermal analyses

V **No. of Seminars/Conferences/Workshops attended- 39**

VI **Course attended (Refresher / Orientation / any other)**

Name of the Course	Venue	Duration
Orientation Course	MKU, Madurai.	23.5.1988 - 20.06.1988
Four days course on "Memorisation"	Youth Welfare Dept. MKU, Madurai.	17.10.1989 - 20.10.1989
Refresher course	Dept. of Nuclear Physics, University of Madras.	11.7.1994 - 03.08.1994
Refresher course	Bharathidasan University, Tiruchirappalli.	30.08.2000-19.09.2000
Refresher course in value Education	Vivekananda College, Thiruvudagam (west)	23.04.2001- 14.05.2001

IX Seminars / Conferences / Workshops organized

Date	Level	Theme
17.08.2005 - 19.08.2005	National	Recent Trends in condensed matter Physics
21.09.2006	National	Applications of Nanotechnology.
01.02.2008	National	Potential and Prospects of Solar Energy Technologies.
14.02.2014	National	Emerging Technology in Physics