

Resume

I General Information

Name : P.Malliga
Father's Name : A.Ponniah
Age : 56 Years
Designation : Associate Professor
Department : Physics
Email ID : malliga@vvvcollege.org
Date of appointment : 29.10.1986
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	Physics	1983
Master's Degree	-do-	Physics	1985
M.Phil	-do-	Physics	1986
Ph.D	-do-	Thin films	2018

III Teaching Experience : UG : 33 Years

Field of Specialization : Thin Films

Minor Research Project

Topic	Period	Funding Agency	Amount allotted in Rs.
Synthesis & Characterization study of metal oxide (ZnO & TiO ₂) Thin Films.	April 2013 onwards	UGC	1,98,000

Projects guided

Name of the student	Title of the Project	Period	Funding Agency	Amount sanctioned Rs.
P.Lavanya, III B.Sc.	Decibel Meter	2009-2010	UGC	5000

No. of articles published in Journals

International : 5

National : -

No. of papers presented in Seminars / Conferences

International : 6

National : 1

No. of articles published in Books / Conference Proceedings -5

Articles published

Title of the Article	Name of the Journal	Impact Factor	Database	Citation Index
Structural and Optical Properties of TiO ₂ Thin Films By Sol-Gel Method	International Journal Of Nanotechnology And Applications 216-221	-	-	-
Effect Of Film Thickness On Structural and Optical Properties of TiO ₂ Thin Films	IEEE –XPLORER 547-550	.0411	-	-
Influence Of Film Thickness On Structural and Optical Properties of Sol-Gel Spin coated TiO ₂ Thin Films	IOSR Journal of Applied Physics 22-28	1.345	-	-
UV screening performance of TiO ₂ thin films on agriculturally beneficial Rhizobium and Azotobacter	International Journal of Chem Tech Research 2229-2232	-	Scopus	1
Study on the UV screening performance of dip coated TiO ₂ thin films on agriculturally beneficial Rhizobium and Azotobacter	Elixir-Thin film Technology International Journal 23803-23807	ICV=5.049		
Studies on the Performance of TiO ₂ Thin films as protective layer to chlorophyll in ocimum tenuiflorum.L from UV Radation.	AIP conference proceedings, June 2015, 1665,080047			

Papers presented

Date	Seminar / Conference	Title of the paper	Level	Venue
03.12.2012 - 04.12.2012	National Conference on nanomaterial	Structural and Optical Properties of TiO ₂ Thin Films By Sol-Gel Method	National	Karunya University, Coimbatore.
10.07.2013 - 12.07.2013	International Conference on Nano materials for Frontier Applications and Indo-Norwegian Workshop on Advanced Materials for Solar Cell Applications (ICNFA2013).	Structural and Optical properties of Sol-gel spin coated Nano crystalline TiO ₂ Thin films	International	Coimbatore Institute of Technology, Coimbatore, India
24.07.2013 - 26.07.2013	International Conference on Advanced Nano materials & Emerging Engineering Technologies (ICANMEET-2013).	Effect Of Film Thickness On Structural and Optical Properties of TiO ₂ Thin Films	International	Sathyabama University, Chennai.

10.03.2014 - 12.03.2014	International Conference on Materials and Characterization Techniques (ICMCT-2014).	UV screening performance of TiO ₂ thin films on agriculturally beneficial Rhizobium and Azotobacter	International	VIT University, Vellore
08.08.2014 - 09.08.2014	International Colloquium on Materials, Manufacturing and Metrology(ICMMM 2014)	Synthesis and characterization of NanocrystallineTiO ₂ Thin Films for Protecting Agriculturally Beneficial Rhizobium and Azotobacter from UV Radiation	International	IIT Madras, Chennai
16.12.2014 – 20.12.2014	DAE-59 th Solid State Symposium	Studies on the performance of Tio ₂ thin films as protective layer to chlorophyll in Ocimum tenuiflorum L from UV Radiation	International	VIT University, Vellore
28.01.2015 - 29.01.2015	UGC sponsored National Seminar on Interdisciplinary Application of Biology	Performance of coated Titania thin films as protective layer to Chlorophyll in ocimum tenuiflorum L from UV Radiation	National	Jayaraj Annapackiam College For Women, Periyakulam.

Articles published in Books / Conference Proceedings

Year	Book title / Conference	ISBN	Article title
2013	International Conference on Nanomaterials for Frontier Applications and Indo-Norwegian Workshop on Advanced Materials for Solar Cell Applications (ICNFA2013)	Page no:86-87	Structural and Optical properties of Sol-gel spin coated Nano crystalline TiO ₂ Thin films
2014	International Conference on Materials and Characterization Techniques (ICMCT-2014).	Page no:230	UV screening performance of TiO ₂ thin films on agriculturally beneficial Rhizobium and Azotobacter
2014	International Colloquium on Materials, Manufacturing and Metrology(ICMMM 2014)	ISBN:978-93-80689-18-0	Synthesis and characterization of NanocrystallineTiO ₂ Thin Films for Protecting Agriculturally Beneficial Rhizobium and Azotobacter from UV Radiation

2015	UGC sponsored National Seminar on Interdisciplinary Application of Biology	ISBN :978-81-923038-6-4	Performance of coated Titania thin films as protective layer to Chlorophyll in ocimum tenuillorum L from UV Radiation.
2015	Multidisciplinary Research Journal of VVV College (Volume II Number 2)	ISSN: 2347-3967	Characterization of titania thin film prepared by Sol-Gel Method

Books published / edited

Year	Book title	Published / edited	ISBN	Publisher
2013	Heat, Thermodynamics and Statistical Physics	Published	978-81-921895-0-5	Daisy and Daerin Publishing house, Madurai

V No. of Seminars/Conferences/Workshops attended-6

V I Course attended (Refresher / Orientation / any other)

Name of the Course	Venue	Duration
Orientation Course	Bharathidasan University, Trichy.	18.07.1988-14.08.1988
Refresher Course (Nuclear Physics)	University of Madras, Madras.	11.07.1994-03.08.1994
Refresher course (value Education)	Vivekananda College, Thiruvudagam (west)	23.04.2001 14.05.2001
Refresher course (Recent developments on crystal growth and characterization)	Anna University, Chennai.	28.05.2001- 17.06.2001

IX Seminars / Conferences / Workshops organized

Date	Level	Theme
07.10.2010	Regional	Recent Advancement In Astro Physics
01.10.2016	Virudhunagar District Cluster of Colleges Joint Faculty Programme	Role of Physics in Nuclear Power generation.
18.01.2017	National	Recent Trends in Medical Physics