
	Department of Physics & Research Centre Pope's College Sawyerpuram	
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Name: Dr. P. SHANTHINI GRACE
Designation: Associate Professor

I. Academic Details				II. Research Details			
Area of Specialization	Thin Films and Materials Science			Research Publications			
				Publications	No. of Publications		
Research Experience	1. Guided 4 M.Phil. 2. Completed 1 Minor Research Project			Journals	6		
				Conferences	5		
Teaching Experience	21 Years (UG & PG)			Citations and Indexing			
Ph.D. Guidance	On-going: Nil Completed: Nil			Citations			
				Google scholar	3		
Programme(s)	Organized	Attended	Scopus				
Workshops	1	2					
Seminar	1	7	Indexing				
Conference		5				Google Scholar	1
Additional Responsibilities <ol style="list-style-type: none"> Pope's Quiz Club Co ordinator (2010 -2015) Women Cell Co ordinator (2016 onwards) Noon Meals Scheme Co ordinator (2018 onwards) Anti-Ragging Committee Co ordinator (2018 onwards) Anti -Sexual Harassment Committee Co ordinator (2018 onwards) 				Scopus			
				Web of Science			
				Patent Details			
				Research Projects/ Amount in Rs 2,00,000/- Minor Research Project Ref. No. MRP-4169/12(MRP/UGC-SERO)/dt. Feb 2013, LINK NO.4169 completed in Oct 2014.			
Invited Talks Delivered <ol style="list-style-type: none"> A guest lecture on "Renewable Energy Resources" at Department of Physics, A.P.C. Mahalakshmi College, Thoothukudi. A guest lecture on "Preparation and Characterization of Tungsten trioxide thin films and gas sensing applications" at P.G. & Research Department of Physics, St. John's College, Palayamkottai. 				III. Personal Details			
				Date of Birth : 04.06.1975		Email Id : shanthinigracep@gmail.com	
Contact No : 9442999510		Contact No : 9442999510					
Orcid Id : 0000-0001-6290-3051		Orcid Id : 0000-0001-6290-3051					
Google Scholar Id:		Google Scholar Id:					
https://scholar.google.com/citations?hl=en&user=VsAH-uEAAA&view_op=list_works&authuser=2&gmla=AJsN-F6H65agnEuDBj9XgJ65XQPWdJ0DHuHpazCeH7yATOZ-5aeCxUh-etFrm1j9MGfGqXFh8		https://scholar.google.com/citations?hl=en&user=VsAH-uEAAA&view_op=list_works&authuser=2&gmla=AJsN-F6H65agnEuDBj9XgJ65XQPWdJ0DHuHpazCeH7yATOZ-5aeCxUh-etFrm1j9MGfGqXFh8					
Membership in Professional Bodies							

List of Significant Publications

- 'Synthesis and Characterization of Tungsten Trioxide (WO₃) Thin Films by Advanced Microprocessor Controlled Spray Pyrolysis Method', International Journal of Chem Tech Research Vol. 6, No.13, pp 5382-5386, IF : 0.819., November 2014.
- 'Influence of Mo on Structural, Optical and Morphological properties of WO₃-MoO₃ thin films synthesized by Advanced Microprocessor controlled Spray Pyrolysis technique for Gas Sensing', International Journal of Engineering Technology, Management and Applied Sciences, Volume 4, Issue 6, pp 149-156, IF: 2.24., June 2016.
- 'Room Temperature NH₃ Sensing Properties of WO₃ thin films synthesized by Microprocessor controlled Spray Pyrolysis', IOSR Journal of Applied Physics, Vol.3, Special Issue, pp 52-56, IF: 3.15, UGC S.No. 5010, February 2017.
- 'Structural, Morphological and Photocatalytic activity of Selenium doped TiO₂ Thin films', Studies in Indian Place Names, Volume 40, 2020, pp 1000—1007.

5. 'Characterization of Deposited and Annealed Titanium Dioxide Thin Films', International Journal of Material Science Innovations, Volume 2[3], 2014, pp 69-75.

6. 'Microstructural Parameters of TiO₂ Thin Films by SPD', International Journal of Chem Tech Research, Volume 6, 2014, pp 5387-5390.