

STAFF PROFILE

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Name : **P.Pandi**

Designation : **Assistant Professor**

Date of Entry into Service : **01.09.2012**

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Education : **M.Sc(Physics),M.Phil., (P.hD),.**

Areas of specialization : **Materials Science and Nanotechnology**



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

Seminars, Workshop and Conferences Attended

Title of the Seminar/Conference/Workshop	Date	Sponsoring Agency	National/State/International	Organization in which attended
9 th NABS National Conference on New Biological Researches: Opportunities and Challenges for Sustainable Development	11.08.2016 And 12.08.2016	NABS	National	School of Energy, Environment and Natural Resources, Madurai Kamaraj University, Madurai-21.
National Convention of	28.03.2016		National	National Institute of Technology,

Electrochemists (NCE-19) on 28-29, March 2016.	and 29.03.2016			Tiruchirappalli
A New Horizon in Materials	11.03.2016		International	Department of Physics, Sarah Tucker College, Tirunelveli
Progress in Condensed Matter Physics	07.01.2015	UCG	State	Research Centre and P.G Department of Physics, The Madura College, Madurai
Emerging trends in Physics of materials (SETPOM)	10.01.2014	UCG	State	PG and Research Department of Physics, The Madura College, Madurai
Nano and Thin film Solar Materials	29.12.2011	UGC	State	P.G and Research Department of Physics, The Madura College, Madurai
Solar Energy Application	24.12.2009	UCG	State	PG and Research Department of Physics, The Madura 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
Synthesis and Characterization of TiO ₂ -NiO and TiO ₂ -WO ₃ nanocomposites– <i>Journal of Materials Science: Materials in Electronics</i>		Vol.28 (7) Page No. 5222-5234	2017	International
Structural, Optical and Antimicrobial activity of Copper and Zinc Hydroxyapatite Nanopowders using Sol-Gel Method- <i>Machnics, Materials Science and Engineering.</i>	ISSN No. 2412-5954	accepted	2017	International
Photocatalytic performance and antimicrobial activities of HAp - TiO ₂ nanocomposite thin film by Sol-Gel method- <i>Surfaces and Interfaces.</i>		accepted	2016	International
Synthesis and Study of CdS thin films prepared with different KMnO ₄ activation time- <i>Journal of Materials.</i>		Article ID 3439827 Page No.1-7.	2016	International
Synthesis and Characterization of surface modified RhoB-TiO ₂ - <i>International Journal of Current Research.</i>		Vol.5 (8), Page No.2179-2182.	2013	International
Synthesis and Characterization of TiO ₂ Nanopowders in Hydrothermal and Sol-Gel Method- <i>International Journal of Advancements in research and technology.</i>		Vol.2 (4), Page No.102-108.	2013	International

Dye Sensitized Solar cell materials -TiO ₂ with Hesperidin- <i>International Journal of innovative research in science, engineering and technology.</i>		Vol.2 (7), Page No.3237- 3244.	2013	International
Optical properties of (AR) Multilayer thin film for Solar Cell Application- <i>IOSR-Journal of Applied chemistry.</i>		Vol.4 (4), Page No.1-4.	2013	International

Research Activities

Degree	No. Awarded	No. Submitted	No. Guiding
M.Phil.,			
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

Academic council/Board of Studies Member

Institution	For a period of	Dept.

Honours Achieved

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

Reviewer/editor of a journal

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	
		from	to

Any Other Information: