




Department of PHYSICS		
Name	Dr.P.KOKILA	
Designation	ASSISTANT PROFESSOR	
Qualification	M.Sc., M.Phil., Ph.D	
Email id	kokilabooty@gmail.com	
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Experience	10	
Date of joining	19.01.2015	
No. Of Journal Publication ( <b>International</b> )	4	
No. Of Journal Publication ( <b>National</b> )	2	
No. Of Conference Attended ( <b>International</b> )	4	
No. Of Conference Attended ( <b>National</b> )	21	

#### Academic Credentials

Level	Degree	Specialization	University	Year of Completion
UG	B.Sc	PHYSICS	BHARATHIAR	2004
PG	M.Sc	PHYSICS	BHARATHIAR	2006
M.Phil.,	M.Phil.,	PHYSICS	BHARATHIAR	2008
Ph.D.,	Ph.D.,	THIN FILM PHYSICS	KARPAGAM	2012
Other1				
Other2				

#### \*\*Details of Journal Publications:

- “Effects of annealing treatment on optical properties of Anatase TiO<sub>2</sub> thin films” in the National Journal “Advances in Applied Research” Vol. 3 (1) (2011) 42.  
P. Kokila and V. Senthil Kumar
- “Preparation and Photocatalytic Activity of Fe<sup>3+</sup> - doped TiO<sub>2</sub> Nanoparticles” in the International Journal “Archives of Physics research”. Vol 2 (1) (2011) 246.  
P. Kokila, V. Senthil Kumar and K. PremNazeer.

- “Study of structural and optical properties of ZnS:Ni thin films prepared by dip-coating method” in the **National Journal Mapana J. Physics**” Vol 12 (1) (2013) 17.  
C.Gunasekaran, V. SenthilKumar,P.Kokila,  
S. Uma and S. Banumathi.
- “ Effects of calcination temperature, PH and irradiation time on photocatalytic activity of pure and doped Titanium dioxide nanopowders” in the **International Journal of Modern Science and Technology**1(7) (2014) 250-256.  
P.Kokila, M.Rameshbabu and V.Senthil Kumar.
- “ Antibacterial and Photocatalytic activity of Pomegranate rind extract doped TiO<sub>2</sub> nanoparticles by sol-gel method” in International Journal of Development Research” 7(1) (2015) 10947-50.P.Kokila, M.Rameshbabu and V.Senthil Kumar.
- “Investigations on transport and magnetic properties of pb(0.1) doped LaMnO<sub>3</sub> single crystals” in **International Journal of Modern science and Technology** 2(1) (2015) 13-19.

**\*\*Details of Conference/Seminar Attended:**

<b>Date</b>	<b>Nature of academic activity</b>	<b>International/national/State level</b>	<b>Title of the paper</b>	<b>Venue</b>
19.02.2007-20.02.2007	Participated	Inter Collegiate meet	Physics in Everyday life	SRMV college of Arts & Science, Coimbatore.
05.03.2009-06.03.2009	Participated	National Conference	Advanced materials and its applications	Karpagam University, Coimbatore.
07.12.2009-10.12.2009	Presented	Annual Research Congress	Preparation and Characterization of TiO <sub>2</sub> Thin Films by Sol-gel Route.	Karpagam University, Coimbatore.
16.12.2009-17.12.2009	Presented	National seminar	Structural and Morphological studies of TiO <sub>2</sub> Thin Films by Dip-coating Sol-gel Route.	PSGR Krishnammal College for Women.
04.02.2010-05.02.2010	Participated	National Conference	Multifunctional nanomaterials and nanocomposites	Bharathiar University, Coimbatore.
05.02.2010-06.02.2010	Presented	National Conference	Preparation and Characterization of TiO <sub>2</sub> Thin Films by Sol-gel dip-coating method.	Muthayammal College of Arts & Science, Nammakal.
08.12.2010-11.12.2010	Presented	Annual Research Congress	Preparation and anti-bacterial activity of fruit extract doped TiO <sub>2</sub> nanoparticles by sol-gel method	Karpagam University, Coimbatore.
04.03.2011-05.03.2011	Presented	International Conference	Photocatalytic and antibacterial activity of PRE –doped TiO <sub>2</sub> nanoparticles by Sol-gel method.	Kalasalingam University.
04.03.2012-05.03.2012	Presented	National Seminar	Nanoparticles for clean environment	Islamiah College, Vaniyambadi
03.08.2015-07.08.2015	Participated	State	Inservice Training Programme	A.P.A. College of Arts & Culture, Palani.
23.09.2015	Presented	National Seminar	Mathematical Physics-Group Theory	A.P.A. for Women, Palani.

23.12.2015	Participated	State	Orientation Programme- on Classroom Psychology	A.P.A. College of Arts & Culture, Palani.
29.01.2016	Participated	State	On Emerging Trends in Medical Physics	A.P.A. College of Arts & Culture, Palani.
29.02.2016	Participated	State	National Science day Awareness Programme – To Raise Public Appreciation on Scientific Issues for the Development of Nation.	A.P.A. College of Arts & Culture, Palani.
24.08.2016	Participated	Workshop	Basics, Design, Installation and applications of Solar Photovoltaic Thermal Systems.	Karpagam University, Coimbatore.
12.01.2016	Participated	National Seminar	Recent Trends in Biotechnology	A.P.A. College of Arts & Culture, Palani.
28.02.2017-01.03.2017	Presented	National Seminar	1.Synthesis of Ag NPs by using extracts of AnanasComosus. 2.Investigations on growth of LaPbMnO <sub>3</sub> single crystals and surface morphology.	Karpagam University.
10.03.2017	Participated	State	Recent trends in Advanced Physics	A.P.A. College of Arts & Culture, Palani.
10.03.2017	Participated	National Seminar	Bio-Diversity and Bio-Technology “ Prospects and challenges”	A.P.A. College of Arts & Culture, Palani.
04.08.2017	Presented	International Seminar	Effect of Silver Nanoparticles on Antibacterial Activity.	Mother Teresa Womens University.

17.08.2017- 19.08.2017	Presented	International Conference	1.Synthesis of Ag nanoparticles by using ananasComosus. 2.Biosynthesis of Au Nanoparticles using Solanum nigrum.	Bannari Amman Institute of Technology.
31.08.2017	Participated	Workshop	Fundamentals of X-Ray Diffraction	Bharathiar University.
01.09.2017- 02.09.2017	Participated	Workshop	Science Academies Lecture Workshop.	A.P.A. College of Arts &Culture, Palani.
06.01.2018	Presented	Academic Conference	Towards democratic secular and inclusive higher education.	Palani
07.09.2018- 08.09.2018	Presented	International Workshop	Green Synthesis of Au NPs by using AnthocephalusCadamba and their microbial activity.	AMET University.