



Raja Doraisingam Government Arts College

(Affiliated to Alagappa University, Karaikudi)

Sivagangai - 630561



FACULTY PROFILE

- Name** : Dr.M.PANDIARAMAN
- Father's Name** : Mr.R.MARIAPPAN
- Designation** : ASSISTANT PROFESSOR
- Age & Date of Birth** : 41 & 05-12-1981
- Gender** : MALE
- Address for Communication** :484, Vaigai sathukkam, VP Sindhan Nagar, Vedar Puliyankulam, Madurai – 625 006.
- Phone No** : 09942599246
- Email- id** :pandiaraman@gmail.com
- Educational Qualification** :



S.No.	Course	University/College	Year of Passing
1.	B.Sc	Madurai kamaraj university	2002
2.	M.Sc	Madurai kamaraj university	2004
3.	Ph.D	Madurai kamaraj university	2011

- Area of Specialization** : Thin films, Nanomaterials

11. Experience :

S. NO	Name of Organisation	Period		Year of Experience
		From	To	
1	SETHU INSTITUTE OF TECHNOLOGY, KARIAPATTI	01-07-2011	29-06-2012	1 YR
2	NEHRU MEMORIAL COLLEGE (GOVT.AIDED) PUTHANAMPATTI	02-07-2012	28-07-2015	3YRS
3	SETHUPATHY GOVT ARTS COLLEGE, RAMANATHAPURAM	29-07-2015	31-07-2016	1 YR
4	RAJA DORAISINGAM GOVT ARTS COLLEGE, SIVAGANGA	01-08-2016	TILL DATE	7 YRS

12. Publications:

S.No.	Title	Name of the Journal	ISSN / ISBN	Year
1.	A study on methylene blue degradation: enhanced photocatalytic activity of Ag-ZnO nanocomposites	Materials Research Express	9 115505	2022
2.	Fabrication of Ag/Ag ₂ O incorporated graphitic carbon nitride based ZnO nanocomposite for enhanced Z-scheme photocatalytic performance of various organic pollutants and bacterial disinfection	Journal of Environmental Chemical Engineering	9 (105996)	2021
3.	Fabrication of novel g-C ₃ N ₄ based MoS ₂ and Bi ₂ O ₃ nanorod embedded	NEW JOURNAL OF PHYSICS	44, 13182-13194	2020

	ternary nanocomposites for superior photocatalytic performance and destruction of bacteria			
4.	Morphological and Optical studies on synthesized Cd _(1-x) Fe _x S Nanocomposites	Journal of Funcional materials and Biomolecules	3(1) 25-27	2019
5.	Ellipsometric studies on Silver telluride thin films	J. Nano-Electron. Phys., 3 (2011) 32-42	3 32-42	(2011)
6.	Optical studies on thermally evaporated nano-Ag ₂ Te thin films	Defects and Diffusion forum,	319-320 185-192	(2011)
7.	Effect of thickness on optical band gap of Silver telluride thin films	Journal of Ovonic Research,	7(1) 21-27.	(2011)
8.	Ellipsometric studies on Silver selenide thin films	AIP Conf. Proc.	1349, 755- 756.	(2011)
9.	Spectroscopic studies on Silver selenide thin films	Journal of Ovonic Research,	6(6) 285- 295.	(2010)

10.	Structural and optical properties of Ag ₂ SeTe nano thin films prepared by thermal evaporation technique	J Mater Sci: Mater Electron,	22, 545– 550	(2011)
11.	Optical constants of Cadmium Telluride thin films	American Institute of Physics	1004 202- 206	(2008)
12.	Micro-Raman studies on Ag ₂ Se thin films	Journal of Theoretical and Applied Physics,	6(1)	(2012)
13.	Fabrication of Ag ₂ SeTe ternary thin films by thermal evaporation,	Surface Engineering	6	2014
14.	Photoluminacence Studies on Ag ₂ Se _{0.2} Te _{0.8} Thin Films	International Journal of ChemTech Research	Vol.6, No.6, pp 3343-3345,	2014

13. Paper Presented in Conferences/ Seminar:

S.No.	Title	Institution	Date & Year
1			
2			

14. Seminar / Conference / workshop / Attended:

S.No.	Institution	Date & Year
1.	Two Days national Seminar on Materials for Energy Applications Raja Doraisingam Govtt Arts College, Sivaganga	24 th & 26 th march 2022
2.	National Seminar on Highlights of Physics in Current Scenario Raja Doraisingam Govtt Arts College, Sivaganga	10 th March 2020

15. Details of Research Projects :

Title	Sponsoring Agency	Amount	Responsibility	
				-

16. Ph.D Guidance/Supervisorship:

Name of scholar	Course	Area of research	Status

17.Seminar/ Conference/ Workshop Organised:

S.No.	Topic	Institution	Date
1			
2			

18. webinar Attended

Sl.No	Topic And Organizing Institution	Date
1		
2		
3		
4		

19.Orientation/Refresher/FDP/STP/MOOCs Attended

Sl.No	Name of the Programme	University	From	To
1.	72 nd Orientation programme organized	Academic staff college, Madurai kamraj University,	17 th Dec 2014	13 th Jan 2015
2.	REFRESHER COURSE IN ENVIRONMENTAL STUDIES	UGC-HRDC MADURAI KAMARAJ UNIVERSITY	18-12-2018	07-01-2019
3.	REFRESHER COURSE IN PHYSICS	UGC-HRDC MADURAI KAMARAJ UNIVERSITY	07-01-2022	20-10-2022

20.Resource Person:

Sl.No.	Topic	Delivered at	Period
1			
2			
3			

21.Members in Organization's :**22. Other Positions/Achievements:**

(Signature)