



Raja Doraisingam Government Arts College

(Affiliated to Alagappa University, Karaikudi)

Sivagangai - 630561



FACULTY PROFILE

1. Name : G. VINODHKUMAR
2. Father's Name : S. GANESAN
3. Designation : GUEST LECTURER
4. Age & Date of Birth : 34 & 13/10/1988
5. Gender : MALE
6. Address for Communication : 99, PALLI STREET, SIVAGANGAI
7. Phone No : 9500671697
8. Email- id : vinodhphysics777@gmail.com
9. Educational Qualification : M.Sc., M.Phil., Ph.D.



S.No.	Course	University/College	Year of Passing
1	B.Sc.,	Alagappa University, Karaikudi/Raja Doraisingam Govt. Arts College, Sivagangai	2010
2	M.Sc.,	Madurai Kamaraj University, Madurai/Thiagarajar College, Madurai	2012
3	M.Phil.,	Madurai Kamaraj University, Madurai/Thiagarajar College, Madurai	2013
4	Ph.D.	Alagappa University, Karaikudi/Raja Doraisingam Govt. Arts College, Sivagangai	2021

10. Area of Specialization : Material Science**11. Experience :**

S. NO	Name of Organisation	Period		Year of Experience
		From	To	
1	Raja Doraisingam Govt. Arts College, Sivagangai	01/10/2013	Till date	9 years 4 months 0 days

12. Publications: (Last Five Years)

S.No.	Title	Name of the Journal	ISSN / ISBN	Year
1	Reduced graphene oxide based on simultaneous detection of neurotransmitters	Progress in Chemical and Biochemical Research	2645-6133	2018
2	Synthesis of reduced graphene oxide/Co ₃ O ₄ nanocomposite electrode material for sensor application	Research on Chemical Intermediates	1568-5675	2019
3	Solvothermal synthesis of magnetically separable reduced graphene oxide/Fe ₃ O ₄ hybrid nanocomposites with enhanced photocatalytic properties	Physica B: Condensed Matter	1873-2135	2020
4	One step solvothermal synthesis and characterization of rGO/NiO nanocomposites	Materials Today: Proceedings	2214-7853	2021
5	Sensitivity enhancement in rGO/Mn ₃ O ₄ hybrid nanocomposites: A modified glassy carbon electrode for the simultaneous detection of dopamine and uric acid	Synthetic Metals	1879-3290	2021
6	Enhanced photocatalytic performance of Hausmannite Mn ₃ O ₄ -rGO nanocomposite in degrading methylene blue	Materials Letters	1873-4979	2021
7	Enhanced sunlight-driven photocatalytic activity of SnO ₂ -Sb ₂ O ₃ composite towards emerging contaminant degradation in water	Journal of Alloys and Compounds	1873-4669	2022
8	A study on methylene blue degradation: enhanced photocatalytic	Materials Research Express	2053-1591	2022

activity of Ag-ZnO nanocomposites			
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13. Paper Presented in Conferences/ Seminar:

S.No.	Title	Institution	Date & Year
1	Electrochemical sensing performance for additives based on reduced graphene oxide	St.Joseph's College, Tiruchirappalli.	07/10/2016
2	Structural, Optical and electrochemical sensing properties of reduced graphene oxide	Sri Meenakshi Government Arts College for Women, Madurai.	06/01/2017
3	Facile solvothermal synthesis and characterization of graphene/NiO nanocomposite	Government Arts College, Melur, Madurai.	23/10/2018
4	One step solvothermal synthesis and characterization of rGO/NiO nanocomposites	The Gandhigram Rural Institute, Gandhigram, Dindugal	07/01/2019 & 08/01/2019
5	Sensitivity enhancement in rGO/Mn3O4 hybrid nanocomposites modified glassy carbon electrode towards enzyme-free detection of dopamine	Bioelectronics and Biosensors, Alagappa University, Karaikudi	27/11/2019 – 29/11/2022

14. Seminar / Conference / workshop / Attended:

S.No.	Institution	Date & Year
1	Raja Doraisingam Govt. Arts College, Sivagangai	10-03-2020
2	Raja Doraisingam Govt. Arts College, Sivagangai	24 & 25 March 2022

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	-	-	-

18. Resource Person:

Sl.No.	Topic	Delivered at	Period
1	-	-	-

19. Members in Organization's: NIL

20. Other Positions/Achievements: NIL

G. Vinodh Kumar

(Signature)