



Raja Doraisingam Government Arts College

(Affiliated to Alagappa University, Karaikudi)

Sivagangai-630561



FACULTY PROFILE

1. Name : Dr.D.Sivaranjani
2. Father's Name : K.Duraisingam
3. Designation : Guest Lecturer
4. Age & Date of Birth : 35&09.05.1987
5. Gender :Female
6. Address for Communication : B3,Second floor,
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7. Phone No : 6374951231, 9585356518
8. Email- id : ranjanirohan28@gmail.com
9. Educational Qualification : M.Sc., B.Ed., SET, Ph.D.,



S.No.	Course	University/College	Year of Passing
1.	B.Sc., Physics	Alagappa university/Idhaya College for Women	April 2007
2	M.Sc., Physics	Madurai Kamaraj University /The Madura College	April 2016
3	B.Ed.,	Madurai Kamaraj University/N.P.R College of Education	April 2008
4	SET	Mother Teresa Women's University	July 2018
5	Ph.D.,	University of Madras /Pachaiyappas college	June 2022

10. Area of Specialization : MATERIAL SCIENCE(QUANTUM DOT)

11. Experience :

S. NO	Name of Organisation	Period		Year of Experience
		From	To	
1	Mannar Thirumalai Naicker College	04.07.2022	19.01.2023	6 month 15 days

12.Publications: (Last Five Year)

S.No.	Title	Name of the Journal	ISSN / ISBN	Year
1	"Effect of Confinement on the Exciton Binding Energy And Optical Gain In a Strained Quantum dot"	Science, Technology and Development Journal	ISSN NO:0950-0707	2020
2	"Effect of confinement on inter band optical transition energies of excite on in a quantum dot"	Journal of Interdisciplinary Cycle Research	ISSN NO;0022-1945	2020
3	"Influence of dielectric confinement on the interband emission energy of excition in a quantum well"	Journal of physics-Scopus	ISSN-1742-6596	2020

13. Paper Presented in Conference/ Seminar

S.No.	Title	Institution	Date & Year
1	"National conference on Recent Trends in Physics of Materials (NCRTPM)	P G & Research Department of Physics, Pachaiyapp's College-chennai	9.2.2018 & 10.2.2018
2	"National Conference on Nano Materials , NLO Materials And Nonlinear Dynamics"(NCNNN-2018)	Department of Physics Velammal Engineering college-Chennai	6.4.2018
3	"International conference on Advancements and Challenges in Chemical Science" (ICACCS-2018)	P G & Research Department of Physics, Pachaiyapp's College-chennai	2.2.2018 & 3.2.2018
4	"National Conference on Emerging trends in Renewable Energy and innovation in material science (NCTREIMS-19)	PG & Research Department of physics, Thiru kolanjiappar government arts College (grade-I) Vriddhachalam.	15.02.2019 & 16.02.2019
5	" 2nd International conference on materials for energy and Environment organized by Loyola Institute of Frontier Energy"	Loyola College, Chennai	20.2.2020 & 21.2.2020
6	"National conference on Functional Materials and its Applicational Aspects(NCFMAA-2020)"	Saveetha Engineering College, Chennai	5.3.2020 & 6.3.2020
7	"International conference on Advance in physical sciences and Materials(ICAPSM-2020)	IOP Science-Coimbatore	13.8.2020 & 14.8.2020
8	"International conference on Advanced for Energy and Environmental applications ICAMEA-2020"	Thiru Govt, Arts Kolanjiappar College, Vriddhachalam	20.02.2020 & 21.02.2020

14. Seminar / Conference / workshop / Attended:

S.No.	Institution	Date & Year
1	One day intercollegiate “workshop on women Empowerment and self development” Organized by Idhaya College for women. Sarugani on 2thMarch 2007.	2.03.2007
2	UGC- Sponsored State level seminar on “Progress in condensed matter physics “organized by research centre and P.G. department of physics the Madura College, Madurai- January 2015.	2015
3	National conference on Nano-materials and Nano bio-technology” organised by National Centre for Nano science & Nano-Technology, University of Madras. February 2017.	2017
4	International Seminar –University of Madras,Chennai	27.2.2021 &28.2.21
5	National Webinar On Recent Trents In Physics Of Materials (NWRTPM-2020)-Pachaiyappa’s College –Chennai	24.6.2020
6	“Physics webinar series “organized by Department of physics justice Basheer Ahmed sayeed College for women 26.05.2020 to 28.05.2020.	26.05.2020 to28.05.20

7.	International Webinar on “Astrophysics”-Fatima college	30.09.2021
8	International Webinar on Recent Trends In Physics –Sourashtra College ,Madurai.	28.11.2020
9.	National webinar on “Materials technology and Research perspectives in physics .organized by PG and Research department of physics Maruthar kesari jain College for women ,Vaniyambadi .	15.6.2020&17.06.2020
10.	Seminar-Mannar Thirumalai Naicker college ,Madurai	25.3.2022
11	International Conference- Mannar Thirumalai Naicker College –Madurai	11.01.2023&12.01.2023

15. Details of Research Projects:NIL

Title	Sponsoring Agency	Amount	Responsibility

16. Ph.D Guidance/Supervisorship: NIL

Name of scholar	Course	Area of research	Status

17. Seminar/ Conference/ Workshop Organised:NIL

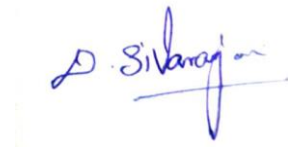
S.No.	Topic	Institution	Date
1			
2			

18. Resource Person:NIL

Sl.No.	Topic	Delivered at	Period
1			
2			
3			

19. Members in Organization's :NIL

20. Other Positions/Achievements: NIL



D.SIVARANJANI