



Raja Doraisingam Government Arts College
(Affiliated to Alagappa University, Karaikudi)
Sivagangai-630561



FACULTY PROFILE

1. Name : Dr. M. Stalin Mano Gibson
2. Father's Name : Mr. G. Manasai
3. Designation : Assistant Professor
4. Age & Date of Birth : 51 yrs, 07-04-1971
5. Gender : Male
6. Address for Communication : Assistant Professor in Physics
R.D. Govt Arts College, Sivaganga – 630567
7. Phone No : 9487055257
8. Email- id : manorenj@yahoo.com
9. Educational Qualification :



S.No.	Course	University/College	Year of Passing
1	B.Sc Physics	NMC College, Marthandam/ Madurai Kamaraj University	1991
2	M.Sc Physics	NMC College, Marthandam/ Manonmanium Sundaranar University	1993
3	M.Phil Physics	St. Joseph's College/ Bharathidasan University	1994
4	Ph.D Physics	St. Joseph's College/ Bharathidasan University	2001

10. Area of Specialization: Solid State Physics- Lattice Dynamics

11. Experience :

S. NO	Name of Organisation	Period		Year of Experience
		From	To	
1	St. Joseph's College, Tiruchirappalli	16-10-1994	26-07-2002	7 yrs 9 months
2	Mepco Schlenk Engineering College, Sivakasi	29-07-2002	21-12-2007	5 yrs 5 months
3	V.S.S. Government Arts College, Pulankurichi	26-12-2007	13-10-2008	10 months
4	Raja Doraisingam Government Arts College, Sivaganga	14-08-2008	Till Date	14 yrs 5 months

12. Publications:

S.No.	Title	Name of the Journal	ISSN / ISBN	Year
1	Structural and Electrochemical Investigation on pure and nickel doped cobalt ferrite nanoparticles for super capacitor application	Materials Today: Proceedings	ISSN-2214-7853	2020
2	'Lattice Dynamical Investigation of Hydrogen Energy Storage in Metallic Alloys,'	International Journal of Chem Tech Research.CODEN (USA): IJCRGG	ISSN: 0974-4290 Vol.6, No.13, pp 5227-5234,	2014
3	'Effect of Least Variations in the Lattice Constant in the Lattice Dynamics of Nanostructured CdO'	Journal of Applied Sciences	ISSN: 1812- 5654/ DOI: 10.3923/jas. 2012, pp. 1- 4.	2012

4	“Pressure Dependent Hydrogen Isotopic Diffusion in $\text{Cr}_{0.7}\text{Fe}_{0.3}$ Alloy	Indian Journal of Physics	vol. 80, no.3, pp.235-240.	2006
5	Hydrogen Diffusion in $\text{Fe}_{0.5}\text{Ti}_{0.5}$ – Quantum Isotope Effect	Indian Journal of Pure & Applied Physics	Vol.43,pp. 532-534	2005
6	“Diffusion of Hydrogen and Deuterium in $\text{Ni}_{0.5}\text{Fe}_{0.5}$ alloy – Effect of pressure”	Indian Journal of Physics	vol.79, no.6, pp.601-606	2005

13. Paper Presented in Conferences/ Seminar:

S.No.	Title	Institution	Date & Year
1	Lattice Dynamical Investigation of Hydrogen Energy Storage in Metallic Alloys	PSN College of Engineering and Technology, Tirunelveli	4-5, Sep 2014
2	Diffusion of Hydrogen isotopes in $\text{Ni}_{0.55}\text{Pd}_{0.45}$ alloy.	SreeVenkateswara University, Tirupathi	29-31, Aug 2001
3	Pressure dependent Hydrogen Diffusion in $\text{Cr}_{0.7}\text{Fe}_{0.3}$	Nehru Memorial College, Tiruchirappalli	29-30, Sep 2000
4	Diffusion of Zn and Se in ZnSe- Role of vacancies	Nehru Memorial College, Tiruchirappalli	29-30, Sep 2000
5	Diffusion of H and D in $\text{Ni}_{0.5}\text{Fe}_{0.5}$ –Effect of pressure	Pachaiappa’s College, Chennai	9-11, Aug 2000
6	Phonon Spectra of ZnSe	SreeNarayana College, Kollam	10-11, Mar 1999
7	Hydrogen Diffusion in the Intermetallic Compound $\text{Fe}_{0.5}\text{Ti}_{0.5}$ – Quantum Isotope Effect	IISc, Bangalore	13-16, Oct 1998

14. Seminar / Conference / workshop / Attended:

S.No.	Title	Institution	Date & Year
1	National Seminar on Materials Research	VHNSN College, Virudhunagar	8-9, Feb 2013
2	National Level Seminar on Innovative Strategy for Technological Developments and Designing New Business Model in Renewable Energy sector	VHNSN College, Virudhunagar	3-4, Mar 2011
3	National Conference of on Renewable Energy Sources and Technology	VHNSN College, Virudhunagar	21-23, Jan 2010
4	International Conference on Nanomaterials (NANO2005)	Mepco Schlenk Engg. College, Sivakasi	13-15, Jul 2005
5	Workshop on Training the Trainers	Mepco Schlenk Engg. College, Sivakasi	25-02-05
6	Workshop on Training the Trainers	Mepco Schlenk Engg. College, Sivakasi	31-01-04
7	International workshop on Physics of Semiconductor Devices	IIT, Chennai	16-20, Dec 2003
8	Workshop on patent awareness	Mepco Schlenk Engg. College, Sivakasi	28-11-03
9	National Symposium on Acoustics	St. Joseph's College, Thiruchirappalli	22-11-2000
10	Education for 2000	St. Joseph's College, Thiruchirappalli	02-03, Oct 1999
11	Workshop on Physical Ultrasonics	St. Joseph's College, Thiruchirappalli	27-02-99
12	Workshop on Physical Ultrasonics	St. Joseph's College, Thiruchirappalli	27-01-98

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	One Day National Seminar on Global Science – Evolution of Physics in Global Context.	Raja Doraisingam Govt Arts College, Sivaganga	28-02-2023
2	Two Days national Seminar on Materials for Energy Applications	Raja Doraisingam Govt Arts College, Sivaganga	24 th & 25 th march 2022
3	National Seminar on Highlights of Physics in Current Scenario	Raja Doraisingam Govt Arts College, Sivaganga	10 th March 2020
4	Two day Science Academies Lecture Workshop on Emerging Trends in Materials Science	Raja Doraisingam Govt Arts College, Sivaganga	3 rd to 4 th Jan 2017
5	National Seminar on Role of Nuclear Energy For Sustainable Future Development and Environmental Safety	Raja Doraisingam Govt Arts College, Sivaganga	05-02-2016

6	One day National workshop on Nanomaterials: Synthesis, Characterisation and Applications	Mepco Schlenk Engg. College, Sivakasi	29-08-2007
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17.a Webinar Attended

Sl.No	Topic And Organizing Institution	Date
1	Magnetic Smart Materials organized by Nesamony Memorial Christian College, Marthandam	17-06-2021
2	Shockley Queisser Limit and Emerging Photovoltaic Technologies organized by Sri Meenakshi Govt Arts College, Madurai	25-07-2020
3	NAAC Assessment and Accreditation Process organized by NAAC, Bangalore and IQAC Cell, Madurai Kamaraj University	16-07-2020

17. b Webinar Organised:

S.No.	Topic	Institution	Date
1	Webinar -I on "Partial differential equation and its applications"	Raja Doraisingam Govt. Arts College, Sivaganga	06-07-2020
2	Webinar- 2 on "Recent Progress in Development of Nano engineered Conducting Polymer Based Transducers for Ultra Sensitive Bio-sensing Applications"	Raja Doraisingam Govt. Arts College, Sivaganga	13-07-2020
3	Webinar- 3 on "PHYSICS IN DAILY LIFE"	Raja Doraisingam Govt. Arts College, Sivaganga	22-07-2020
4	Webinar- 4 on "NUCLEAR FISSION AND RELATED PHENOMENON"	Raja Doraisingam Govt. Arts College, Sivaganga	29-07- 2020
5	Webinar- 5 on ROLE OF SENSORS IN POLLUTION FREE ENVIRONMENT	Raja Doraisingam Govt. Arts College, Sivaganga	05-08-2020

18.Resource Person:

Sl.No.	Topic	Delivered at	Period
1			

2			
3			

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

Sl.No	Name of the Programme	University	From	To
1	Orientation Course	ASC-Bharathidhasan University, Trichy	26-12-2007	24-01-2008
2.	Refresher Course in Physics	ASC-Madurai Kamaraj University, Madurai	03-11-2009	23-11-2009
3.	Refresher Course in Physics	ASC-Madurai Kamaraj University, Madurai	03-02-2015	23-02-2015
4.	Refresher Course in Education and Teaching Methods	HRDC - University of Kerala, Trivandrum	17-03-2021	30-03-2021

20.Members in Organization's : Life Member in ISTE

Other Positions/Achievements: MSc Physics Board of Studies Chairman in Alagappa University

MPhil Board of Studies member in Alagappa University

UG Board of Studies member in Sri Meenakshi College Madurai &

MannarThirumalaiNaicker College, Madurai

(Signature)