



Raja Doraisingam Government Arts College

(Affiliated to Alagappa University, Karaikudi)

Sivagangai - 630561



FACULTY PROFILE

DEPARTMENT: CHEMISTRY

1. Name : **Dr. P.SELVAPANDIAN**
2. Father's Name : M.Palanikumar
3. Mother's Name : S.Thavamaniammal
4. Designation : Assistant professor
5. Age and Date-of-Birth : 50, 04.05.1971
6. Gender : Male
7. Address (Residential) : Plot No-49, Royal Garden 3rd cross street,
Karuppayurani,
Madurai-20.
Phone: 9790489343
8. Email: rajiselva03@gmail.com
9. **Academic Qualifications** : M.Sc., B.Ed., M.Phil., Ph.D., NET ., SLET



Exam Passed	Board/University	Subjects	Year	Division/G rade/ Merit etc.
S.S.L.C	Board of Secondary Education	Tamil, English, Maths, Science, History & Geography	1986	First Class
H. S.C.	Board of Higher Secondary Education	Tamil, English, Maths, Physics, Chemistry., and Commerce.	1988	First Class
UG (B.Sc.,)	Madurai Kamaraj University	Chemistry	1991	First Class
PG (M.Sc.)	Madurai Kamaraj University	Chemistry	1993	First Class
B.Ed	Annamalai University	Physical sciences	1994	Second
Research degree(s) M.Phil.	Madurai Kamaraj University	Chemistry	2000	First Class
Ph.D.	Alagappa University	Chemistry	2016	--

10. Area of specialization: Organic chemistry/ Physical chemistry

11. Experience:- 28 years 6 months

Post Held	Institute	Period	
		From	To
Lecturer	NMS SVN College, Madurai.	04-09-1994	08-07-2009
Assistant Professor	ALAGAPPA Government Arts College, Karaikudi.	09/07/2009	02/09/2011FN
Assistant Professor	R.D.Government Arts College, Sivagangai	02/09/2011AN	till date

12. Publications:

Sl.No.	Title of the Paper	Name of the Journal
1	Kinetics and thermodynamic studies on the removal of brilliant green from aqueous solution by adhatoda vasica leaf powder.	Indian J. Environ.Protection,34(3),217-223(2014)
2	Removal of Methylene blue from aqueous solution by Cynodon dactylon leaf powder.	Indian Journal of applied research,5(2),71-73,2015
3	Kinetics studies on the removal of Methylene blue from aqueous solution by Cynodon dactylon leaf powder.	Roots international journal of multidisciplinary researches, special issue 2,94-98,2015
4	Kinetics and isotherm modeling studies on the removal of Methylene blue from aqueous solution by adhatoda vasica leaf powder	Indian J. Environ.Protection,35(10); 832-839(2015)
5	Biosorption of crystal violet from aqueous solution by pearl millet powder- isotherm modeling and kinetics studies	Journal of Applied Research Water and Waste water, 5, 201-208 (2016).
6	Removal of Selective Metal Ions Using Phenolic Resin Blended with Sulphonated Solanum xantho carpum, Link. Carbon	Journal of Applicable Chemistry, 2(2), 826-837 (2015)
7	Synthesis, Characterization and Applications of Phenol-Formaldehyde Cationic Matrices Blended with Sulphonated Citus aurantifolia (L.) Carbon	Journal of Chemical and Pharmaceutical Research, 8(6), 104-111 (2016)
8	Synthesis and Characterization of Low Cost Ion Exchange Resin used for the Removal of Metal Ions,	Journal of Applied Research Water and Waste water, 5, 201-208 (2016).
9	Encroachment of natural cation exchanger for the behavior of uni/divalent metal ions from aqueous solution	Indian Journal of Applied Research,9(2),23-24(2019)
10	Permeation and antifouling performance of poly(ether imide) composite ultrafiltration membranes customized with manganese dioxide nanosphere	Materials chemistry and physics,231,159-167 (2019)
11	Electrochemical behavior,structural,morphological,Calf-	Heliyon , 5(7),1-10 (2019)

	Thymus-DNA interaction and in-vitro antimicrobial studies of synthesized Schiff base transition metal complexes	
12	Effective removal of methylene blue from aqueous solution by sulphohonated solanum virginianum carbon	J. Adv. Sci. Res.,2022; 13(3) :30-37

13. Paper Presented in Conferences/ Seminar

S.No.	Title	Institution	Date & Year
1	Kinetics studies on the removal of Methylene blue from aqueous solution by Cynodon dactylon leaf powder	Thiagarajar college, Madurai.	26.02.2015
2	Dye removal from aqueous solution by adsorption on corn cob powder	Alagappa University	06.03.2015

14. Webinar Attended

Sl.No	Topic And Organizing Institution	Date
1	Webinar entitled "AILMENT THERAPY: MEDICINAL & TRADITIONAL" organized By Zahir Hussain College, Ilayankudi	05/07/2020
2.	Webinar entitled 'MAGNETICRESONANCE SPECTROSCOPY (MRS) organized By Zahir Hussain College, Ilayankudi	25/07/2020
3.	Webinar entitled 'FLUORESCENCE SPECTROSCOPY & CURRENT RESEARCH IN NANOMATERIALS organized By Zahir VSS.Govt. ArtsCollege, PULANKURUCHI	25/07/2020

15.Conferences, Seminars, Workshops and Symposia attended:

Name of the Seminars/Conference/ Symposium/Workshop Etc.	Name of the sponsoring agency	Place and Date
Faculty Training and Motivation Programme	CSIR	CECRI, Karaikudi,28-30 th March 2011
FIC 2012	DST-FIST	The madura college, madurai,17 th Feb 2012
RDC-15	UGC	SBK College, Aruppukottai 13 & 14 th

		Feb2015
FAC -2015	UGC	Thiagarajar college, Madurai, .26&27 th Feb2015
FACT-2015	DST-FIST,DST-PURSEN& UGC-SAP	Alagappa university,6& 7 th March 2015
Role of nuclear energy for sustainable future development and environmental safety	KKNPP, DEPARTMENT OF ATOMIC ENERGY	R.D.G.A.College, sivagangai, 5 th FEB 2016
RATMCBMC-2017	ICMR	VHNSN College, virudhunagar,14 & 15 th JULY 2017
Personality Development	Department of management studies	Solamalai Enginseering college, Madurai, 11 th September 2017

16. Seminar/ Conference/ Workshop Organized:

S.No.	Topic	Institution	Date
1	In-service training programme for science teachers of Sivagangai district	Raja Doraisingam Government Arts college, Sivagangai.	04.02.2019 To 08.02.2019
2	Workshop on The Art of Thesis Writing, Preparing the Research Paper and Write the Research Proposal	Raja Doraisingam Government Arts College, Sivagangai.	. 04.03.2020
3	Advances in chemistry of Nanostructured materials	Raja Doraisingam Government Arts college, Sivagangai.	13.04.2022

17. Refresher/ Orientation Courses attended

Course	University	Period
Refresher Course	UGC - Academic Staff College, Madurai Kamaraj University, Madurai.	16.11.18 to 06.12.18
Refresher Course	TLC, UNIVERSITY OF DELHI	11.05.2021 To 25.05.2 1
Refresher Course	TLC, UNIVERSITY OF DELHI	01.02.2022 To 15.02.2 2

18. Resource Person:

S.No.	Topic	Delivered at	Period
1	Photochemistry	S.B.K. College, Aruppukottai	24.09.2016
2	National science day	Anandacollege, Devakottai	28.02.2018
3	Hyper conjugation	VVV College for Women, Virudhunagar	01.08.2019
4	Organic reaction mechanism	VVV College for Women, Virudhunagar	12.09.2019
5	Woodward-Fieser rule	Government College for women, Sivagangai	25.04.2022

19. Details of Research Projects: Nil

20. Ph.D./ M.Phil Guidance/Supervisor ship: M.Phil-6 : PhD-Nil

21. Conferences, Seminars, Workshops and Symposia Organized: two

22. Members in Organization's :

- I) Chief Examiner in UG Chemistry Valuation Board in Alagappa university
- II) Member and chairman in PG Chemistry Valuation Board in Alagappa university.
- III) Question setter and Examiner in Various Autonomous colleges.

23. Other Positions/Achievements:

Published Two books Entitled,

1. QRGANIC CHEMISTRY-III (CHARULATHA PUBLICATION-ISBN Number- 978-81-943813-3-4)
2. INQRGANIC CHEMISTRY-III (CHARULATHA PUBLICATION-ISBN Number- 978-81-943813-4-1) For B.Sc chemistry students Affiliated to Alagappa University.



(Signature)

