



# Raja Doraisingam Government Arts College

(Affiliated to Alagappa University, Karaikudi)

Sivagangai - 630561



## FACULTY PROFILE

### Department: Chemistry

1. Name : Dr. G. SUMATHI
2. Father's Name : K.Ganesan
3. Designation : Guest Lecturer/Chemistry
4. Age & Date of Birth : 46 & 18.07.1976
5. Gender : Female
6. Address for Communication : 731, Nagarathar Maaligai Street,  
New town, Paganeri.630558  
Sivaganga District
7. Phone No : 8438377263
8. Email- id : [sumi\\_suresh76@yahoo.com](mailto:sumi_suresh76@yahoo.com)
9. Educational Qualification: M.Sc.,B.Ed.,M.Phil.,SET.,Ph.D



S.No.	Course	University/College	Year of Passing
1	Ph.D.,	Alagappa University, Karaikudi	3,Nov 2021
2	M.Phil.,	Alagappa University, Karaikudi	August 2007
3	M.Sc.,	Alagappa University, Karaikudi	Sep 2000
4	B.Ed,	Alagappa University, Karaikudi	April 1997
5	B.Sc	Seetha Lakshmi Achi College, Pallathur. MKU	April 1996
6	HSC	Alagappa Model Hr.Sec. School, Karaikudi	March 1993
7	SSLC	St. Mary's Girls Hr.Sec. School, Devakottai	April , 1991
8	SET	Mother Tresa University	Feb, 2016

10. Area of Specialization : Polymer Chemistry & Nano science

**11. Experience :**

S. NO	Name of the Organisation	Period		Year of Experience
		From	To	
1	Raja Doraisingam Government Arts and Science College, Sivaganga	2.8.2012	Till date	10 years,5 months

**12. Publications:**

S.No.	Title	Name of the Journal	ISSN / ISBN	Year
1	Synergetic Performance of Graphene oxide and Chitosan on the removal of Direct Red 7, Sumathi Ganesan and Gurumallesh Prabu Halliah	ORIENTAL JOURNAL OF CHEMISTRY	0970-020X	2019

**13. Paper Presented in Conferences/ Seminar:**

S.No.	Title	Institution	Date & Year
1	Effect of Acetone Substitution in the Cellulose Molecular Structure	National Seminar on Recent Advances in Textile and Electrochemical Sciences, RATES 2007, Alagappa University, Karaikudi.	June 1-2, 2007
2	Possible Reaction Mechanism For Acetone Induced Substitution Reactions	National Seminar on Recent Advances in Textile and Electrochemical Sciences, RATES 2007, Alagappa University, Karaikudi.	June 1-2, 2007
3	Functional Cemicsals for Imorovement of Cotton fabric Dye Uptake	Advances in Chemicals for Textaile Polymers- Application and Quality Assurance,ACTPAQ 2007, PSG College of Technology, Coimbatore	10 & 11th August, 2007
4	Adsorption and removal of directred dye 7 by graphene oxide	International Conference on Nano Materials For Energy, Environment, Catalysis And Sensors, ICNEECS-15, MK University, Madurai	11-12 th Dec, 2015
5	Application of Graphene Oxide as an adsorbent for the removal of direct red 7dye	International Conference on Chemical and Environmental Research, ICCER-2017, Jamal	7th, Dec-2017

		Mohamed College, Trichy, Tamilnadu.	
6	Fabrication of Graphene oxide/Beta cyclodextrin composite and their application in the removal of the direct red 7 dye.	Frontier Areas in Chemical Technologies- Volume II(FACTS-2017), Alagappa University, Karaikudi	6-8, July-2017

#### 14. Seminar / Conference / workshop / Attended:

S.No.	Institution	Date & Year
1	National Seminar on <b>Recent Advances in Material Science</b> , Alagappa University, Karaikudi	3-May 1999
2	National Workshop on <b>NANOMATERIALS- SYNTESIS, CHARACTERIZATION AND APPLICATIONS</b> , Alagappa University, Karaikudi	1-15 <sup>th</sup> , Dec 2006
3	National Seminar on <b>Lrontier Areas in Chemical Tecnologies(FACTS-2018)</b> , Alagappa University, Karaikudi	22 & 23.03.20118

#### 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 semior on <b>ADVANCES IN CHEMISTRY OF NANOSTRUCTURED MATERIALS</b>	PG & Research Department of Chemistry, Rja Doraisingam Government Arts College, Sivangai	13th April 2022
2	One day Seminar on Awarness on Health, Saftey and Law Protection for Young girls	PG & Research Department of Chemistry, Rja Doraisingam Government Arts College, Sivangai	21st Feb 2023

3	One day Seminar on <b>ROLE OF CHEMISTRY IN PROTECTING ENVIRONMENT AND ACHIEVING SUSTAINABLE DEVELOPMENT- TOWARDS REALIZING THE VISION OF G20 COUNTRIES</b>	PG & Research Department of Chemistry, Rja Doraisingam Government Arts College, Sivagangai	3 <sup>rd</sup> March, 2023
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### 18. webinar Attended

Sl.No	Topic And Organizing Institution	Date
1.	International Webinar on <b>Raman Spectroscopy</b> , conducted by T.K.Madhava Memorial College, Nangiarkuagara, Kerala	1-June, 2020
2	National Webinar on <b>NANO MATERIALS</b> , conducted by Sadakathullah Appa College, Tirunelveli	6-June, 2020
3	Faculty Development Programme on <b>Teaching for Transformation and Excellence in post Covtd Era</b> , organized by The American College, Madurai.	6-June, 2020
4	Personality Development Program on <b>Mastering the mind for Conquering the world</b> , organized by Nehru Institute of Management Studies, Coimbatore	17-June, 2020
5	<b>Key notes to write a Research proposal and funding opportunities in India</b> , organized by St.Mother Theresa Engineerring College, Thoothukudi	26-June, 2020
6	Webinar on <b>Technical and Academic Writing</b> , conducted by Alagappa University	26-June, 2020
7	<b>Two week capacity Bulding Programmes for faculty members and Research Scholors</b> , conducted by Alagappa University	12-23rd, July,2020

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

Sl.No	Name of the Programme	University	From	To
1.	Faculty Development Programme on <b>Teaching for Transformation and Excellence in post Covid Era</b> ,	The American College, Madurai.	6-June, 2020	
2	<b>Two week capacity Bulding Programmes for faculty members and Research Scholors</b>	Alagappa University, Karaikudi	12 th July,2020	23rd, July,2020
3	Refresher Course on <b>Selective Topics in Organic Chemistry- Phase II</b>	SATHYABAMA Institute of Science and Technology(Deemed to be University)	12 <sup>th</sup> December 2022	28 <sup>th</sup> December 2022

**20. Resource Person:**

<b>Sl.No.</b>	<b>Topic</b>	<b>Delivered at</b>	<b>Period</b>
1			

**21. Members in Organization's : Nil**

**22. Other Positions/Achievements: Nil**

G.SUMATHI

**(Signature)**