

CURRICULAM VITAE

Residential Address

Dr. S. SATHIYAMOORTHY M.Sc., Ph.D.,

20-D North Street, Sathangudi,
Asoor (PO), Kumbakonam- (TK),
Thanjavur- (DT) – 612 501,
Tamil Nadu, India.

Mobile: +91 84894 94453 , +91 88257 22092

E-mail: sathiyasv08@gmail.com



Educational Qualification

Name of the Degree	Name of the Institution	Board/University	Year	% of Marks	Class Obtained
Ph.D., (Organic Chemistry)	Govt. Arts College(Autonomous), Kumbakonam	Bharathidasan University, Trichy	2019	81.33%	Awarded
M. Sc., (Chemistry)	Govt. Arts College(Autonomous), Kumbakonam	Bharathidasan University, Trichy	2014	78.60%	First
B. Sc., (Chemistry)	Govt. Arts College (Autonomous), Kumbakonam	Bharathidasan University, Trichy	2012	73.25%	First
D.T.Ed.,	DIET, Thiruvallur	Tamil Nadu State Board	2009	78.42%	First
HSC	Native Higher Secondary School, Kumbakonam	Tamil Nadu State Board	2007	74.00%	First
SSLC	Native Higher Secondary School, Kumbakonam	Tamil Nadu State Board	2005	61.40%	First

Teaching Experience:

- **3 Years** - Previously worked as an Assistant Professor of chemistry in MRK College of Arts and Science, Kattumannarkoil.
- Currently working as a Guest Lecturer of chemistry in Government Arts and Science College (Co-Ed), Karambakudi.

Area of Specialization:

Synthetic Organic Chemistry, Organic Spectroscopy, and Natural Products.

Research Project Details:

As a Junior Research Fellow (JRF) and Senior Research Fellow (SRF) in the Major Research Project titled “**SYNTHETIC STUDIES ON FUSED QUINOLINES – A GREEN APPROACH**” Sponsored by RGNF (Rajiv Gandhi National Fellowship), University Grants Commission (UGC), New Delhi, Government of India, from 2014 - 2019 at P.G. and Research Department of Chemistry, Government Arts College (Autonomous), Kumbakonam.

Nature of the Position	Broad Area of Project / Dissertation	Period	Total Experience	
			Year	Month
Ph.D.,	“ SYNTHESIS OF INDOLE, FUROQUINOLINE, NAPHTHYRIDINE AND ACRIDINE ALKALOIDS USING ARYL SUBSTITUTED AMIDE AND ARYL SUBSTITUTED ACRYLALDEHYDE AS ACTIVE INTERMEDIATES ”	2014-2019	5	--
UGC-RGNF-SRF	Synthesis and Characterizations of “ ARYL SUBSTITUTED ACRYLALDEHYDE ”	2016-2019	3	--
UGC-RGNF-JRF	Synthesis and Characterizations of “ ARYL SUBSTITUTED AMIDE ”	2014-2016	2	--
M.Sc.,	CPCL (Chennai Petroleum Corporation Limited), Nagapattinam	2009	--	6

Research Publications:

- **Sathiyamoorthy. S.**, D. Jemima, P. Pitchai and R.M. Gengan (2018). Strategic synthesis of Furo Quinoline Alkaloids through Vilsmeier Haack and Oxidative cyclization reactions. *Research and Reviews: Journal of Chemistry*-7(3):45-50.
- **Sathiyamoorthy. S.**, D. Jemima and P. Pitchai (2018). Synthesis of 3,3-di substituted acrylaldehyde and study of influences of field effects on regioselective nucleophilic substitution reactions. *Journal of Emerging Technologies and Innovative Research*-5(11):1-4.
- **Sathiyamoorthy. S.**, D. Jemima., P. Pitchai., T.R. Makhanya and R.M. Gengan (2018). An expedient synthesis of ethyl-5-acetyl-1,2,4,4a,5,6-hexahydrobenzo-[g][1,4]

oxazino[4,3a][1,8]Naphthyridine-carboxylate from 2-chloro-3-formylquinoline. *Der Pharma Chemica*-10(11):20-23.

- Meenakshisundharam, M., P.Pitchai, **S. Sathiyamoorthy** and R.M. Gengan (2018). Removal pyrocatechol violet-an acidic dye from aqueous solution using *Achranthes Aspera* leaf powder carbon. *Journal of Emerging Technologies and Innovative Research*-5(11):107-113.
- Benjamin, R., S. Senguttuvan, **S. Sathiyamoorthy** (2020). Extraction, Fractionation and Identification of Kaempferol-6-Methoxy-7-O-Glucoside from *Lantana Camara* flowers. *Dogo Rangang Research Journal*, 10(12):112-114.
- Meenakshisundharam, M., **S. Sathiyamoorthy** (2020). A Non-Conventional Procedure using *Cissus Quadrangularis* leaf carbon consignment work in the Removal Cu(II) ions. *Dogo Rangang Research Journal*, 10(12):37-44.
- Benjamin, R., S. Senguttuvan, **S. Sathiyamoorthy** (2020). Physico-Chemical Characterization of Kaempferol-3-O-β-D-(6''-Coumaroyl)-Glucopyronoside isolated from *Euphorbia Hirta* flowers. *Dogo Rangang Research Journal*, 10(12):156-158.

List of Paper and Abstract in Conferences/Seminars Presented/Participated:

- ✚ Presented an International Conference On “**CANCER BIOLOGY- DRUG DISCOVERY AND NOVEL THERAPEUTICS**” in Saiva Bhanu Ksatriya College, Aruppukottai.
- ✚ Presented an International Conference on “**INNOVATIONS IN CHEMICAL SCIENCE-2019**” in Kongunadu Arts and Science College, Coimbatore.
- ✚ Participated a National Seminar on “**RECENT ADVANCES ON LUMINESCENT MATERIALS**” in Annamalai University, Chidambaram.
- ✚ Participated a National Seminar on “**MODERN TRENTS IN CHEMISTRY- MTC-20**” in Vivekananda College, Madurai.
- ✚ Participated a National Conference on “**RECENT DEVELOPMENTS IN CHEMISTRY- RTC-15**” in Saiva Bhanu Ksatriya College, Aruppukottai.

Technical Qualification:

- ✓ PGDCA (Post Graduate Diploma in Computer Application)
Ms-Dos, Windows, Ms-Office, HTML, Internet, C, C++. [Duration –One year]
- ✓ Operating Systems: Windows (xp, vista, 7).
- ✓ Software: Microsoft office, Chemdraw.
- ✓ Computer-cum-Internet Literacy Programme (CLP).

PERSONAL INFORMATION:

FATHER'S NAME : P. SUBRAMANIAN
DATE OF BIRTH : 01 - 06 - 1990
GENDER : MALE
NATIONALITY : INDIAN
RELIGION : HINDU
MOTHER TONGUE : TAMIL
LANGUAGES (READ & WRITE) : TAMIL, ENGLISH.
MARITAL STATUS : MARRIED

Reference

1. Dr. P.PITCHAI

Assistant Professor,
Department of Chemistry,
Govt Arts College (Auto),
Kumbakonam - 612 002.
Mobile: +91 93644 55611

2. Prof. M. MEENAKSHISUNDARAM

Associate Professor and Head,
Department of Chemistry,
Govt Arts College (Auto),
Kumbakonam - 612 002.

3. Dr. P.S. MOHAN (RTD)

Professor and Head,
Dept. of Chemistry,
Bharathiyar University,
Coimbatore, India-641046.

4. Dr. R. M. GENGAN

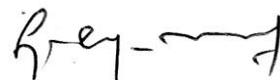
Professor
Dept. of Chemistry
Durban University of Technology,
South Africa- 4000.

DECLARATION

I, hereby declare that all the statements made in the application are true to the best of my knowledge.

Place: Kumbakonam

Date :



(S. SATHIYAMOORTHY)