



NAME:M.SANTHAMEENAKSHI

Designation:.. Assistant professor of chemistry

Contact

Address :14 mahesh nagar, thanjavur

Employee Number : 2 0 0 2 1 2 6 0 9 0 9

Contact Phone (Mobile) : 8 8 3 8 0 1 8 8 4 3

Contact e-mail(s) :
santhameenakshituk@gmail.com

Teaching Experience:

1 year experience in Tamilavel Umamaheswaranar karanthai arts college, Thanjavur.

Name of the Course	Name of the Institution	Board/ University	Year of Passing	% of Marks	
SLET	Mother Terasa University, Kodaikanal.	Mother Terasa University, Kodaikanal.	SEP-2017		
Ph.D	V.H.N.S.N. College, Virudhunagar	Madurai Kamaraj University	Doing		
M.Ed	Nallamani College of Education	TamilNadu University	2017	73%	

B.Ed	Arulmigu Kalasalingam College of education	TamilNadu University	2014	82%	
M.Sc Chemistry	ANJAC College, Sivakasi	Madurai Kamaraj University	2013	65%	
B.Sc Chemistry	ANJAC College, Sivakasi	Madurai Kamaraj University	2011	60%	
H.S.C	S.H.N.G Higher Secondary School, Sivakasi.	State Board	2008	69%	
S.S.L.C	S.H.N.V Higher Secondary School, Sivakasi.	State Board	2006	76%	

Research Experience:

Ph.D Title: Investigations on efficiency of some visible light active nanocomposites for the environmental applications

(Research Supervisor: Prof. S. Karuthapandian)

M.Sc Title: Synthesis of 6, 8-Dibromo-2-(4-chlorophenyl)-7-ethoxy-3-phenylchroman-4-one.

Additional Responsibilities

1. Tutor for II B.Sc chemistry students.
2. Incharge for Naan Mudhalvan B.Sc chemistry first year .(2024 even semester)
3. Incharge for Naan Mudhalvan B.Sc chemistry III year. (2024 odd semester)
4. Incharge for second B.Sc chemistry attendance register.
5. Incharge for all over chemistry TAMIL PUDHALVAN SCHEME.
6. Incharge for all over Chemistry PUTHUMAIPENN SCHEME.

Areas of Research

PHOTOCATALYTIC DEGRADATION

Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.		
	M.Phil.		
Project	PG		

Publications

1. Journal of Inorganic and organometallic polymers and materials ISSN NO :1574-1443
published date: 23 May 2020

Title of the paper: *Fabrication of Novel ZnSeO₃ anchored on g-C₃N₄ nanosheets: An outstanding photocatalyst for the mitigation of pesticides and pharmaceuticals.*

Authors: Santhameenakshi M, Gayathri M, Karuthapandian S

2. Separation Science and Technology <https://doi.org/10.1080/01496395.2020.1784942>
published date : 29 June 2020

Title of the paper: *Metal free and stable dye sensitized polymer matrix for the detoxification of antibiotic drug levofloxacin under visible light illumination.*

Authors : Gayathri M, Santhameenakshi M, Karuthapandian S

3. *Inorganic Chemistry Communications (Under communication)*

Title of the paper : *Rational design and fabrication of novel MnSeO₃/GO nanocomposites for catalysis applications: Analysis of degradation efficacy, stability and degradation pathway.*

Authors: M. Santhameenakshi; M. Gayathri; K. Arunpandian Dr Swaminathan Karuthapandian

Distinctive Achievements / Awards

Achievements :

*Certificate Courses: CIT (Certificate in Instrumentation Technologies)

FTIR- Fourier Transform Infrared Spectroscopy

UV - Ultraviolet Radiation

AAS- Atomic Absorption Spectroscopy

* Passed SLET exam in 2017 Mother Theresa university Kodaikanal.

* External examiner for Naan Mudhalvan to the college swami thayanantha college in Mathur.

*FIP - Attended 2 days faculty induction programme in Bharathidasan university.

*FIP- Attend 5 days faculty induction programme in Bharathidasan university.

* FIP - faculty induction programme UGC- MMTTC in Madras university (25.11.2024 to 21.12.2025)

AWARDS:

BEST PAPER AWARD poster presented in national conference
- nano national summit on current trends and future perspectives.Holy cross college - Trichy.

Events Participated

Conferences / Seminars / Workshops:

1. Conferences :
2. Seminars
3. Workshops

PAPER PRESENTED IN CONFERENCES/SEMINAR/WORKSHOP

S.No	Conference /Seminars/FDP	Organization	Date&Year
1	International Conference on Recent Advances in Materials for energy and environmental remediation (RAMEER-2018)	PG & Research Department of Chemistry, VHNSN College, Virudhunagar.	28.06.2018 & 29.06.2018
2	Poster presented in National Conference- Nano National summit on Current Trends and Future Perspectives. (BEST PAPER AWARD)	PG & Research Department of Chemistry, Holy-Cross College, Trichy..	09.01.2019 & 10.01.2019
3	Poster presented in International Conference on Innovative Trends in Chemical Science.	Department of Chemistry, Devanga Arts College Arupukkottai.	04.02.2019 & 05.02.2019
4	Poster presented in International Conference On Nanomedicine (ICON -2019).	School of Chemistry Madurai Kamaraj University Madurai.	25.02.19 & 26.02.19.
5	Poster presented in SERB sponsored seminar on Emerging Trends in Bioinorganic and Pharmaceutical Chemistry (ETBPC-2019)	PG & Research Department of Chemistry, VHNSN College, Virudhunagar.	27.02.2019 & 28.02.2019
6	Paper presented in the International Conference on recent advances in Applied sciences (ICRAACS-2019)	Department of Chemistry, Sree Sevugan Annamalai College,Devakottai.	06.09.2019

7	Paper presented in the International conference on New Vistas in Material Science (NVMS-2019)	Department of Chemistry, Seethalakshmi Achi College for Women, Pallathur	12.09.2019
8	Paper presented in the International Seminar on Recent Trends in Interdisciplinary Science (RTIS-2019)	Department of Chemistry, The Standard Fireworks Rajaratnam College for Women, Sivakasi	20.09.2019
9	Participated in the Faculty development Programme on Recent advances and Research Avenues in Material Science (RRM-2020)	Department of Chemistry, School of Advanced Sciences, Kalasalingam Academy of Research and Education.	08.06.2020-14.06.2020
10	Paper presented in the International Conference on Materials and Mathematical Sciences (ICMMS-2020)	School of Advanced Sciences, Kalasalingam Academy of Research and Education.	19.06.2020 & 20.06.2020
11	Participated in the International Webinar on Role of Molecules and Materials in life Processes.	Department of Chemistry, C. Kandaswami Naidu College for Women, Cuddalore.	27.07.2020 & 28.07.2020
12	Participated in the International webinar on Photocatalytic CO ₂ Reduction challenges & Prospectives.	Department of Chemistry and Internal Quality Assurance Cell (IQAC), The Madurai Diraviyam Thayumanavar Hindu College, Tirunelveli.	17.08.2020
13	Participated in A two days International Webinar on "Trends in convergence Science of Chemistry in Medicine".	Department of Chemistry, Kongu Engineering College, Perundurai, Erode.	20.11.2020 & 21.11.2020
14	Participated in One day International Webinar on Recent Trends in solar power technologies & elementary particles.	Department of Physics, SR & BGNR Government Arts & Science college, Khammam, Telangana.	26.11.2020

15	Participated in the Three days International Webinar entitled "Frontiers in Chemical Sciences (FCS-2020)	Department of Chemistry, Bharathiar University,Coimbatore.	03.12.2020- 5.12.2020
----	--	---	--------------------------

Overseas Exposure / Visits

Membership in

Professional Bodies

1.

Editorial Board

1.

Academic Bodies (such as Board of Studies etc.,)

1.

Resource persons in various capacities

Number of Invited / Special Lectures delivered:

Others

: EXTRA ACTIVITIES:

Served as NSS Volunteer in ANJAC College, Sivakasi.