



Name: Dr. G. Gohulavani

Qualification: M.Sc.,M.Phil., Ph.D

Designation: Assistant Professor

Years of Experience: UG:05 PG:03

Previous Experience: UG:16 PG:3

Area of Specialization: Physical Chemistry, Environmental Chemistry

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MEMBERSHIP

S.No.	Details	State/National/International
1.	Member of the Journal of Indian Council of chemists (JICC) (No-6184)	National

PROJECTS ONGOING/APPLIED

S.no.	Title	Duration	Funding agency	Amount sanctioned (in lakhs)
1.	Inculcating Entrepreneurial skills amongst the rural Self Help Group and Agricultural Women folk on efficient watershed Technology	1year	DST-IEDC (2008)	Rs.1,00,000
2.	Biosorbents in the Heavy Metal removal from Industrial Effluents and wastes	3 years	DRDO-Extramural Research grant	Rs.23,00,000
3.	Preparation and optimization of novel adsorbent derived from Eucalyptus Globulus bark for sequestration of heavy metal ions	1 year	TNSCST- SPS	Rs.10,000 (Applied)

RESEARCH GUIDANCE

Ph.D Awarded	-
Ph.D Guiding	-
M.Phil Awarded	02 (Bharathiar University Guideship No. CHE02912)
M.Phil Guiding	Nil

WORKSHOPS

S.no.	Organized by	State/ National/ International	Topic	Date(s)
1	Government Arts College, Coimbatore	State	Workshop on current developments in Chemistry	07.02.2008 & 08.02.2008
2.	The Royal Society of Chemistry & PG and Research Department of Chemistry PSGR Krishnammal College for Women, Coimbatore	National	Sustainability through green chemistry and catalysis	02.03.2012
3.	Ethiraj College for Women	State	Workshop on effective Teaching and Research Skill Development	01.03.2017
4.	Ethiraj College for Women	State	Work Life Balance	22.08.2017
5.	Loyola College	State	Green Approach to Chemistry experiments	09.08.2018 - 11.08.2018
6.	RUSA, Govt. of Tamilnadu	State	Empowering the Government Institutions for NAAC Accreditation	14.12.2018
7.	Ethiraj College for Women	State	NAAC Regulations : A Holistic Approach	12.10.2019
8.	TLC, Ramanujam College, University of Delhi	National	Comprehensive e-Learning to e-Training guide for Administrative Work"	25.05.2020 to 05.06.2020
9.	Ethiraj College for Women	State	Working with Moodle Platform	07.07.2020 & 08.07.2020
10.	Vivekananda College for Women	State	Nuances of software handling in chemical Sciences	23.05.2020

CONFERENCES ATTENDED/ PRESENTED PAPER

S.no.	Organized by	State/ National/ International	Participated /Presented	Title	Date(s)
1.	University of Calicut, Kerala	National	Presented	Kinetics of Oxidation of Methyl benzoate by N-chloro- 3-methyl-2,6-diphenyl piperidine-4-one in 80% Ethanol	19.03.2009 & 20.03.2009
2.	PG and Research Department of Chemistry PSGR Krishnammal College for	International	Presented	Anti microbial Activity of some Sustituted pyrimidines: Synthesis and Characterisation	8.01.2009 & 9.01.2009

	Women, Coimbatore (TANSHE sponsored)				
3.	Kongu Engineering College, Erode (MoES sponsored)	National	Presented	A Characteristic Study on the removal of Chromium from aqueous solutions and Industrial Effluents”,	11.12.2011 & 12.12.2011
4.	PG and Research Department of Chemistry PSGR Krishnammal College for Women, Coimbatore	International	Presented	Conservation strategies for bioresources	5.02.2013 & 6.02.2013
5.	Gandhigram University, Gandhigram <i>U GC,DAE & CSIR SUPPORTED</i>	National	Presented	Removal of Ni(II) from Aqueous Solution using Neem Seed Shell Powder as adsorbent ”	14.02.2013 & 15.02.2013
6.	Kongu Engineering College, Erode	National	Presented	Novel (CaHAp),Ca ₁₀ (PO ₄) ₆ (OH) ₂ – <i>Azaridachtaindica</i> nanocomposite for Ni(II) removal from aqueous solution and industrial effluents”	11.12.2014 & 12.12.2014
7.	Gandhigram University, supported by TWAD board	National	Presented	Scavenging of Co(II) ions employing treated <i>Terminalia catappa</i> nut shells	21.03.2014 & 22.03.2014
8.	University of Madras	International	Presented	Synthesis, growth, characterization of Benzimidazolium Picrate single crystal and their biological activity	9.02.2020 & 10.02.2020
9.	DG Vaishnava College	National	Presented	Sorption Studies of Copper using Eucalyptus Globulus bark as Bio adsorbent	06.02.2020
10.	Ethiraj College For Women	International	Presented	Removal of Cu (II) from aqueous solution and industrial Effluent employing low cost adsorbent	17.02.2020 & 18.02.2020
11.	Kongunadu College of Arts and Science	National	Presented	Utilization of Eucalyptus Globulus in the removal of Cu ²⁺ from aqueous solution	02.02.2023 & 03.02.2023

SEMINARS

S.no.	Organized by	State/ National/ International	Topic	Date(s)
1.	PG & Research Department of Chemistry PSGR Krishnammal College for Women, Coimbatore	National	Emerging trends in chemistry	29.12.2006
2.	Post Graduate and Research Department of Chemistry, Erode artscollege, Erode	National	UGC Sponsored RECENT ADVANCES IN CHEMISTRY”	10.03.2008
3.	Department of Chemistry, NGM College Pollachi. (CSIR sponsored)	National	The Emerging Scenario of Ground water Contamination- An Overview	14.08.2008
4.	Sri AVV Pushpam College, Tanjore	State	Recent trends in Chemistry	22.08.2008
5.	Department of Chemistry, Kandasamy Kandar's College, Namakkal	National	UGC Sponsored RECENT ADVANCES IN CHEMISTRY	13.08.2015 & 14.08.2015
6.	Department of Chemistry, ANNA ADARSH COLLEGE FOR WOMEN, CHENNAI	National	SAVE BLUE TO SAVE GREEN	26.08.2015
7.	Research Department of Chemistry PSGR Krishnammal College for Women, Coimbatore	National	NANOTECHNOLOGY - ENERGIZING THE FUTURE”,	7.01.2016 & 08.01.2016
8.	JBAS College	International	Sustainable Water Integrated Management	21.08.2019

CERTIFICATE COURSES / VALUE ADDED COURSES

S.no.	Offered by	Topic	Duration
1.	Centre for Natural dyeing Research, Gandhigram	Hands on Training in Natural dyeing	5 days
2.	Madurai Kamaraj University	Certificate Course in Gandhian Thought	6 months
3.	TUV Rheinland	Training on ISO 9001: 2008 Awareness & Internal Auditing	2 days

JOURNAL PUBLICATIONS

S.NO.	JOURNALNAME	UGC /SCI/SCIE/WO S	ISBN/ISSN NUMBER	REFERENCE	DATE OF PUBLICATION /DOI
1.	Journal of the Indian Council of Chemists	SCI	0971-5037	Kinetics and Mechanism of Oxidation of Methyl benzoate by N-chloro-3-methyl-2, 6-diphenyl piperidine-4-one in 80% Ethanol	26.10.2009
2.	TIDEE - TERI Information Digest on Energy and Environment	SCI	0972-6721	“Potential of agricultural waste for Ni(II) ion removal from aqueous solution: Thermodynamic and kinetic studies”,	01.03.2013
3.	Research and reviews Online International Journal of chemistry	SCI	2319-9849	“Removal of Nickel from Aqueous Solution Using Azaridachta Indica Seed Shell Powder as Adsorbent”	15.02.2013
4.	Journal of Energy Technologies and Policy	SCI	2225-0573	Sorption kinetics and equilibrium studies on the removal of toxic Cr(VI) ions employing modifying Indian almond nut shells	https://doi.org/10.7176/JETP
5.	International Journal of Scientific Engineering and Research	UGC	2229-5518	Kinetics and Mechanism of Oxidation of Ethyl benzoate by N-chloro-3-methyl-2, 6-diphenyl piperidine-4-one in 80% Ethanol in Acid Medium	01.03.2015
6.	International Journal of Scientific Engineering and Research	UGC	2229-5518	Functionalized Novel Nano Composites in Ni(II) Removal from Aqueous/Effluent Media	01.07.2017
7.	Molecular Crystals and Liquid Crystals	SCI	15421406, 15635287	Taylor and Francis	24.07.2017
8.	Indian Journal of Chemistry-Section A (IJCA)	UGC	0975-0975	NISCAIR	10.01.2020
9.	International Journal of Applied Pharmaceutics	Scopus	0975-7058	Innovare Academic Sciences	2022

10.	Sustainability, Agri, Food and Environmental Research	UGC	(ISSN: 0719-3726),	SAFER	2023
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BOOK PUBLICATIONS

S.NO.	BOOKNAME	ISBN/ISSN NUMBER	PUBLISHER	YEAR OF PUBLICATION
1.	Text book of Analytical Chemistry (MSK Publishers)	ISBN No.978-93-80060-73-6	MSK Publishers, Salem	2009
2.	Text book of Physical and Organic Chemistry	ISBN No. 978-93-80060-72-9	MSK Publishers	2009

FDP/STTP

S.no.	Organized by	State/National/International	Topic	Date(s)
1	Womens Christian College	State	Quantum Mechanics & its Applications	20.07.2018 & 21.07.2018
2	TLC, Ramanujam College, University of Delhi	National	Managing Online classes and Co-creating MOOCS	20.04.2020 to 06.05.2020
3	Ethiraj College for Women	State	“Recasting from Onsite to Online Pedagogy”	20.07.2020 to 24.07.2020
4	Rai University	National	Outcome Based Education	22.07.2020 – 24.07.2020
5	St.Teresa’s College, Ernakulam	National	ICT Tools in teaching Chemistry	02.09.2020 – 06.09.2020

WEBINARS [National/ International]

S.no.	Organized by	State/ national/ international	Topic	Date(s)
1.	Ethiraj college for Women	State	Moodle LMS" Install, Create class, Add content and Enroll students	28.05.2020
2.	Sacred Heart College , Tirupatthur	National	Lecture Series on Spectroscopy and its Perspectives	05.06.2020
3.	Ethiraj college for Women	State	“Plants Vs Good health”	27.05.2020
4.	HKRH College	State	Solving Problems with NMR Spectroscopy	10.06.2020
5.	Sri Meenakshi College for Women	State	“Outcome Based Curriculum and Evaluation	21.05.2020
6.	PSNA College of Engineering and Technology	National	REVISED ACCREDITATION FRAMEWORK (RAF) OF NAAC : An awareness webinar for faculty members of Higher Education Institutions”	30.05.2020
7.	JBAS College	State	“Nanomaterials - Remedy for Environmental Issues	05.06.2020
8	GTN Arts College	State	“Micro & Nanotechnology and its Applications”	14.05.2020
9	EMG Yadava College	State	3D Nanomaterials for Future Energy Technology	18.7.2020
10	Sir Vincent De Paul College , Eluru	National	Free Online Tools for Effective Chemistry Lecturing	09.07.2020
11	Ethiraj college for Women	State	Open educational Resources	11.07.2020

AWARDS:

1. “Outstanding faculty in science (Chemistry)” - Venus International foundation awards (VIFA 2019)
2. Received Azadi ka Mahotsav- Dr. Mahendralal Sircar Teaching Excellence Award -2022
3. Received PRE-EMINENT ACADEMICIAN National Award 2022 from Chennai Teachers Council CTC -2022

OTHERS:

Lecture Delivered as Resource person

S. No.	Title	Organizer	Date
1	Webinar on Virtual Learning Resources in Science Teaching	Department of Science & Humanities, Karpagam Institute of Technology, Coimbatore	12.05.2020

Events Organised

S. No.	Name of the Event	Dates Organised	No. of Audience
1.	National Level Technical Workshop on IPR in Association with TNSCST supported by DST	01.02.2020	110
2.	State level workshop on NAAC regulations: A Holistic Approach	12.10.2019	150
3.	One Day workshop for Faculty	02.03.2018	120
4	FDP on Quality Publications & E learning	19.09.2018	100