

Name: Mrs.I.JEMINA	Photo 			
Designation:	ASSISTANT PROFESSOR			
Qualification:	M.Phil CHEMISTRY			
Area of specialization:	NANOMATERIALS			
Experience:	Industrial Experience		Teaching Experience	
	NIL		14.5	
Number of workshops / FDP attended:	Number of Workshops		Number of FDPs	
	12		14	
Publications:	Conference		Journal	
	National	International	National	International
	NIL	NIL	NIL	4
Books / Book Chapters	NIL			
Patents:	National		International	
	NIL		NIL	
Professional Body Membership	<p>ALL INDIA ASSOCIATION FOR EDUCATIONAL RESEARCH (2011) INDIVIDUAL LIFE MEMBER NO.3342</p> <p>LIFE TIME MEMBERSHIP IN ISTE - LM128041</p> <p>INTERNATIONAL ASSOCIATION OF ENGINEERS - 205630</p> <p>IEEE MEMBERSHIP - 98102249</p>			
Staff Achievements	Achieved 100% Result in Engineering Chemistry, Environmental Science & Engineering , Principles of Food Preservation ,Waste Water Treatment, Chemistry for Environment and Sustainability			

Educational Qualifications:

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.Sc	CHEMISTRY	2007	WOMENS CHRISTIAN COLLEGE	UNIVERSITY OF MADRAS	78	FIRST CLASS WITH DISTINCTION
PG	MSc	CHEMISTRY	2009	MADRAS CHRISTIAN COLLEGE	UNIVERSITY OF MADRAS	75	FIRST CLASS WITH OUTSTANDING
	MPhil	CHEMISTRY	2011	MADRAS CHRISTIAN COLLEGE	UNIVERSITY OF MADRAS	71	FIRST CLASS
	Ph.D	CHEMISTRY		SRI SAIRAM ENGINEERING COLLEGE	ANNA UNIVERSITY	PURSING	

Academic Experience:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
HINDUSTAN UNIVERSITY	LECTURER	18/07/2011	29/05/2012	0	10	16
HINDUSTAN UNIVERSITY	ASSISTANT PROFESSOR	30/05/2012	11/07/2014	2	1	12
SRI SAIRAM INSTITUTE OF TECHNOLOGY	ASSISTANT PROFESSOR	01/08/2014	30/06/2025	11	10	0
SRI SAIRAM ENGINEERING COLLEGE	ASSISTANT PROFESSOR	01/07/2025	TILL DATE	0	5	0
				14	9.5	28

Workshops/Seminars attended:

S.No	Workshop on	Held on Date	Place
1.	Energy Nano Convergence	5-6 Jan 2012	Hindustan University, Chennai.
2.	Functional Coatings: Current trends and frontiers	21 st Feb 2012	VIT-Chennai
3.	Recent Trends in Renewable Energy	31 st March, 2015	Sri Sairam Institute of Technology, Chennai.
4.	Advancements in Chemical Sciences	18 th July 2016	Sri Sairam Institute of Technology, Chennai
5.	Computational Tools In Biomolecular Research	1-3 Feb 2018	Sathyabama Institute Of Science & Technology, Chennai
6.	Indo Sweden Clean Energy Symposium On Materials Energy Harvesting & Storage	21-22 July 2015	Hindustan University, Chennai
7.	Two Days Seminar On Emerging Trends In Materials & Technology	27-28 July 2017	Jeppiaar Engineering College, Chennai
8.	Two Day International Seminar On Sustainable Environment	10-11 December 2018	Crescent Institute of Science & Technology, Chennai
9.	National Workshop On Computational Tools In Biomolecular Research	6-8 Feb 2019	Sathyabama Institute Of Science & Technology, Chennai
10.	Workplace Mental Health and Wellbeing	22.1.2021	SRM Valliammai Engg College
11.	One month online internship in Research Training conducted by MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)	05.07.2021 to 05.08.2021	Online
12.	Workshop On Synthesis Of Nanomaterials using Electrochemical methods, characterization and Applications	26.7.2024	Sri Sairam Engineering College

S.No	FDP on	Held on Date	Place
1.	Environmental Management In Industries	19.6.2014-20.6.2014	Hindustan Institute of Technology and Science, Chennai.
2.	Teaching Excellence in Engineering and Management Curriculum	20 & 21 st July 2016	Sri Sairam Institute of Management Studies, Chennai
3.	Characterisation of Materials	20.7.2017 to 21.7.2017	Sri Sairam Institute of Technology, Chennai
4.	Creating MOOCS	May 6 th 2020	online
5.	Advancements In Material Sciences	5.6.2020 - 6.6.2020	online
6.	Alternate Fuels	1.9.2020-5.9.2020	ATAL FDP - online
7.	Universal Human Values	21 - 25 th September 2020	online
8.	Waste Technology	21.9.2020-25.9.2020	ATAL FDP - online
9.	Current Industrial Practices in Chemical Engineering	7.10.2020-11.10.2020	online
10.	Taking Research to Next Level, organized by Sri Venkateshwara College of Engineering, Bengaluru	26.9.2022 - 30.9.2022	online
11.	Current Scenario in Advanced Materials Research & Nanotechnology organized by Rajapalayam Raju's College	21.11.2022 - 25.11.2022	online
12.	Spectroscopic and Chromatographic Techniques conducted by Sri Vaishnav Institute of Science, Indore	24.4.2023 - 28.4.2023	online
13.	Emerging Innovations In Chemistry and Chemical Technology organized by Arasu Engineering College, Kumbakonam	11.9.2023-16.9.2023	online
14.	Advanced Tools and Techniques for Research Methodology organized by Research Foundation of India and RFI-CARE	3.6.2024 - 12.6.2024	online

Symposium Attended: NIL

Conference Attended:

S.No	Conference on	Held on	Place
1.	Frontiers in Chemical Science	2-4 Oct 2008	Madras Christian College, Chennai
2.	Green Processes & Nanomaterials	January 8-9, 2014	Hindustan Institute of Technology and Science, Chennai.
3.	Green Chemistry and Sustainable Environment	2 nd & 3 rd August 2016	B.S.Abdur Rahman University, Chennai
4.	Materials for Energy and Nano Convergence	4 th -6 th July, 2013	Hindustan Institute of Technology and Science, Chennai.
5.	Advanced materials and its applications	29 th & 30 th January, 2015	Hindustan Institute of Technology and Science, Chennai.
6.	Functional Materials and Its Applications	28 Feb-1st March 2018	Vels Institute Of Technology & Advancement Studies, Chennai

Completed / Ongoing Projects: NIL

Patent: NIL

Journal Publications:

1. R.Ramakrishnan, P.Wilson, T.Sivakumar, I.Jemina, "A Comparative study of hydroxyapatites synthesized using various fuels through aqueous and alcohol mediated combustion routes" in *Ceramics International*, Volume 39, May 2013, pp 3519-3532.
2. I Jemina, J Pitchaimani, P Ramesh, N Mani, "Eco-friendly@ one-pot-simultaneous oxygen and chlorine intercalation on graphite surface at low-cost" *Materials Letters* 362, 136207
3. I Jemina, N Mani, P Ramesh, N Sudha, "Brominated graphene oxide: A novel synthesis approach for enhanced performance in energy storage applications" *Diamond and Related Materials* 154, 112135
4. I Jemina, N Mani, P Ramesh, J Pitchaimani, "Eco-Friendly Approach on One-Step Chloride Decoration over R-Graphene for Supercapacitor Application" *ChemistrySelect* 10 (4)

Books / Book Chapters: NIL

Awards: Received "Amjud Prize" Scholarship for my Academic Excellence in P.G

Startup: NIL

Webinar:

S.No	Webinar on	Held on	Place
1	Optical properties of materials	23.5.2023	Saveetha Engineering College

Resource Person: NIL

Online Courses:

S.No	NAME OF THE COURSE	DURATION	NAME OF THE ORGANIZATION
1.	Introduction to Composites	Jan - April 2019	NPTEL
2.	Analytical Chemistry	July - October 2019	NPTEL
3.	Introduction to Composites	Jan - April 2019	NPTEL
4.	Environment and Development	July - Oct 2023	NPTEL
5.	Air Pollution and Control	Jan - April 2024	NPTEL
6.	Plastic Waste Management	Jan - March 2024	NPTEL
7.	Sustainable Engineering Concepts and Life Cycle Analysis	July - Sep 2024	NPTEL
8.	Wastewater Treatment and Recycling	July - Oct 2024	NPTEL
9.	Applied Environmental Microbiology	Jan - April 2025	NPTEL
10.	United Nations Sustainable Development Goals (UN SDGs)	Jan - April 2025	NPTEL
11.	Integrated Waste Management for A Smart City	July - Oct 2025	NPTEL
12.	Technical Communication for Engineers	July - Aug 2025	NPTEL