

## Mrs. M PREMALATHA MSc., M.Phil.,

### Professional details:

Assistant Professor  
PG & Research Dept. of Chemistry,  
Queen Mary's College (A), Chennai - 4  
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### Personal Details:

25-03-1980  
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### Objective or Career goals

To cultivate future academic leaders by providing rigorous, engaging instruction and conducting impactful research as a committed scholar in organic chemistry

### Education

Year	Degree	Institution	University	Class
2022	Ph.D	Queen Mary's college .	University of Madras, Chennai	Pursuing
2002-2003	M.Phil.	Anna University Guindy campus	Anna University	First class with distinction
2000-2002	M.Sc. Chemistry	Anna University Guindy campus	Anna University	First class
1997-2000	B.Sc. Chemistry	TUK Arts and science college, Thanjavur	Bharathidasan University, Trichy	First class

**Courses and Certificates**

<b>Course</b>	<b>From</b>	<b>To</b>	<b>Details of the course</b>
Orientation Course	13.10.2008	08.11.2008	ASC - University of Madras, Chennai
<b>Refresher Course – Nano Science</b>	08.11.2011	28.11.2011	ASC - University of Madras, Chennai
<b>Refresher Course – Chemistry</b>	23.08.2018	12.09.2018	ASC - University of Madras, Chennai
Refresher Course – Swayam		15.09.2020	Sri Guru Tegh Bahadur Khalsa College, University of Delhi
<b>Refresher Course – Chemistry</b>	27.01.2021	09-02-2021	ASC - University of Madras, Chennai
<b>Refresher Course - Environmental chemistry</b>	28.12.2022	11.01.2023	Online, Ramanujan College, University of Delhi
Refresher Course	30-06-2023	14-07-2023	Online, Ramanujan College, University of Delhi

**Professional Experience**

Teaching Experience : 18 years

<b>From</b>	<b>To</b>	<b>Designation</b>	<b>Institution</b>	<b>Responsibilities</b>
20.07.2010	TILL DATE	Assistant Professor	Queen Mary's College (A), Chennai-4.	Teaching, Conducting practical
13.10.2008	19.07.2010	Assistant Professor	Kunthavai Nacchiyaar arts college (A) , Thanjavur	Teaching, Conducting practical
04.07.2003	25.08.2008	Lecturer	KCG College of technology	Teaching, Conducting practical

**Membership in professional bodies****Books Authored / Books published/ Patents received****Key skills & Other responsibilities**

<b>S.NO</b>	<b>Particulars</b>	<b>Name of the Organization</b>
1.		

**Research Experience & Contributions**

Field of interest : synthetic Organic Chemistry , Bioinformatics studies

**Paper publications/paper presentations****Paper Presentation:**

S.No	Title of the Article presented	Title of the Conference	Date, Venue	International / National/State
1.	Synthesis and molecular docking analysis on anti-inflammatory activity against Phospholipase A2 of various (3Z,4E)-4-amino-3-benzylidene-1H-benzo[b][1,4]diazepin-2(3H)-one	ICEEMST-II	23 & 24 <sup>th</sup> December 2024	International Virtual mode
2.	Synthesis and In-silico Studies of (3Z, 4E)-4-amino-3-benzylidenebenzo[b][1,4]oxazepin-2(3H)-one Derivatives as Potential Anti-Cancer Agents Targeting Gremlin-1 in Colon Cancer	ICCRCS-2025	3 <sup>rd</sup> January 2025	International

**Paper Published:**

S.No	Title	Journal	Published date
1.	Insilico docking studies of benzoic acid from <i>indigofera aspalathoides</i> against liver cancer	International journal of pharmacy and biological sciences	22.07.2019
2	Highly efficient base-catalyzed synthesis of piperidine-4-amine lead molecules for SARS-Cov-2 mutant spike protease via in silico method	Journal of pharmaceutical negative results. Vol 3 sp issue 9	2022

**Awards and special achievements**

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