

## Dr.AMBIKA S

Assistant Professor,  
Department of Chemistry,  
Bishop Heber College,  
Tiruchirappalli - 17.

E-mail : [ambika.ch@bhc.edu.in](mailto:ambika.ch@bhc.edu.in)

Phone : 7708885325

Web:

### Qualification

Degree	Branch	Institution / University	Year of Passing
PDF	Chemistry	Gebze Technical University Turkey	2018
Ph.D	Chemistry	Bharathidasan University Trichy, India.	2017
M.Phil	Chemistry	Bharathidasan University Trichy, India.	2010
M.Sc	Chemistry	Holy Cross College, Trichy, India.	2009
B.Sc	Chemistry	Seethalakshmi Ramaswami College, Trichy, India	2007

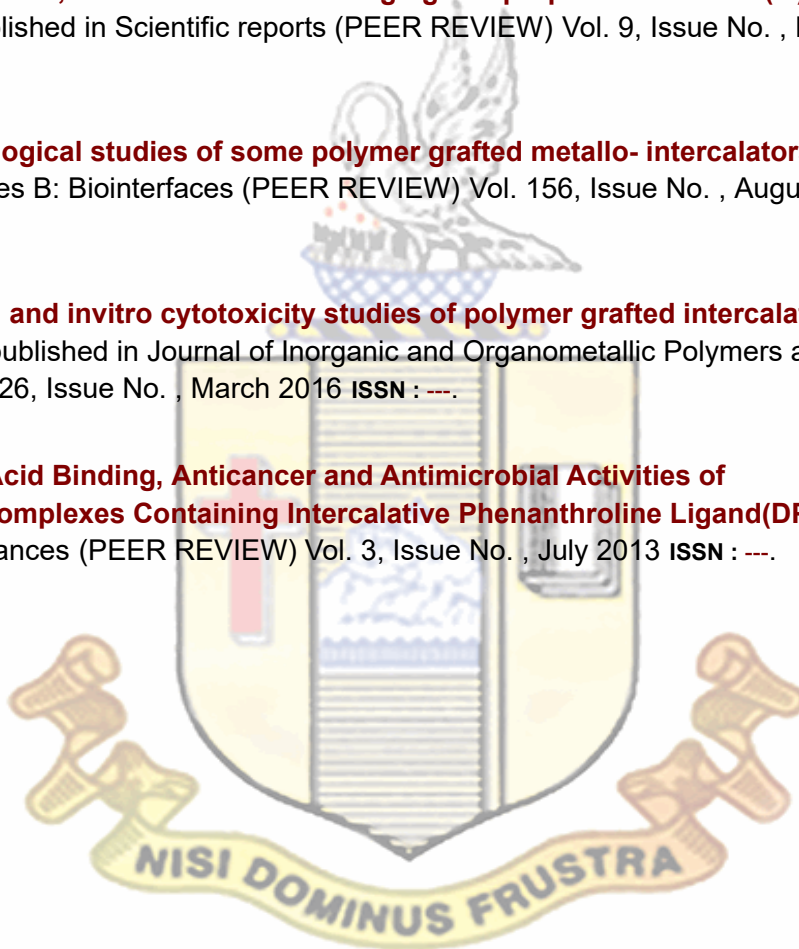
### Ph.D. Details

<b>Title of Thesis</b> DNA/BSA binding and anticancer studies of some polymer anchored copper(II) diimine complexes and long chain oligoethylenimine coordinated copper(II) complexes	<b>Area of Specialization</b> Bio-Physical Chemistry	<b>Year of Award</b> 2017
<b>Research Supervisor</b> Dr.S. Ambika	<b>Research Centre</b> Bharathidasan University	
<b>Obtained Post Doctoral Fellowship :</b> Yes	<b>Agency</b>	Tubitak Fellowship from Government of Turkey
<b>Host Institution :</b> Gebze Technical University Turkey.		

## Table of Contents

1.	Conferences / workshops / Seminars Attended	0
2.	Research Papers Presented	0
3.	Publication in Journals	6
4.	Publication in Books	0
5.	Books Published / Edited	0
6.	Conferences / Workshops / Seminars Organised	0
7.	Research Projects	0
8.	Resource Person	0
9.	Consultancy	0
10.	Awards Recieved	0
11.	Patent	0
12.	Extension Activities Undertaken	0
13.	Professional Membership	0
14.	M.Phil. / Ph.D. Produced	0 / 0

1. **"Potential application of two cobalt (III) Schiff base complexes in cancer chemotherapy: Leads from a study using breast and lung cancer cells"** published in Toxicology in Vitro (PEER REVIEW) Vol. 75, Issue No. , September 2021 ISSN : ---.
2. **"Synthesis, DNA and BSA binding, in vitro anti-proliferative and in vivo anti-angiogenic properties of cobalt(III) Schiff base complexes"** published in New Journal of Chemistry (PEER REVIEW) Vol. 43, Issue No. , June 2019 ISSN : ---.
3. **"Biomolecular interaction, anti-cancer and anti-angiogenic properties of cobalt(III) Schiff base complexes"** published in Scientific reports (PEER REVIEW) Vol. 9, Issue No. , February 2019 ISSN : ---.
4. **"Biophysical and biological studies of some polymer grafted metallo- intercalators"** published in Colloids and Surfaces B: Biointerfaces (PEER REVIEW) Vol. 156, Issue No. , August 2017 ISSN : ---.
5. **"Nucleic acid binding and invitro cytotoxicity studies of polymer grafted intercalating copper(II) complex"** published in Journal of Inorganic and Organometallic Polymers and Materials (PEER REVIEW) Vol. 26, Issue No. , March 2016 ISSN : ---.
6. **"Synthesis, Nucleic Acid Binding, Anticancer and Antimicrobial Activities of Polymer-Copper(II) Complexes Containing Intercalative Phenanthroline Ligand(DPQ)"** published in RSC Advances (PEER REVIEW) Vol. 3, Issue No. , July 2013 ISSN : ---.



**Signature of Staff**  
**(AMBIKA S)**