

## Dr.S.PRISCILLA PRABHAVATHI

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Department of Chemistry,  
Bishop Heber College,  
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### Qualification

Degree	Branch	Institution / University	Year of Passing
M.Sc.	Chemistry	Bharathidasan University	May 2001
Ph.D	Chemistry	Bharathidasan University	December 2015
M. Phil	Chemistry	Bharathidasan University	April 2005
B. Sc	Chemistry	Bharathidasan University	April 1999

### Ph.D. Details

Title of Thesis	Area of Specialization	Year of Award
A Comparative study on the kinetic equilibrium for the removal of Triarylmethyl dyes using natural adsorbents, Synthesis and characterisation of nanomaterials and their use as adsorbents in dye removal.	Physical Chemistry	December 2015
Research Supervisor Dr. Chandra Sekar	Research Centre Bishop Heber College	

Bishop Heber college	Bishop Heber college, Puthur, Trichy-17	Lecturer	27-08-2001	31-03-2002
Bishop Heber College	Puthur, Trichy - 17	Assistant Professor	25.11.2019	Till date
Bishop Heber College	Puthur, Trichy - 17	Associate Professor	23.6.2003	24.11.2019

### Teaching / Research Experience

U.G. : 16

P.G. : 12

M.Phil.

Ph.D.

### Research Guidance

U.G. : 9

P.G. : 51

M.Phil. :

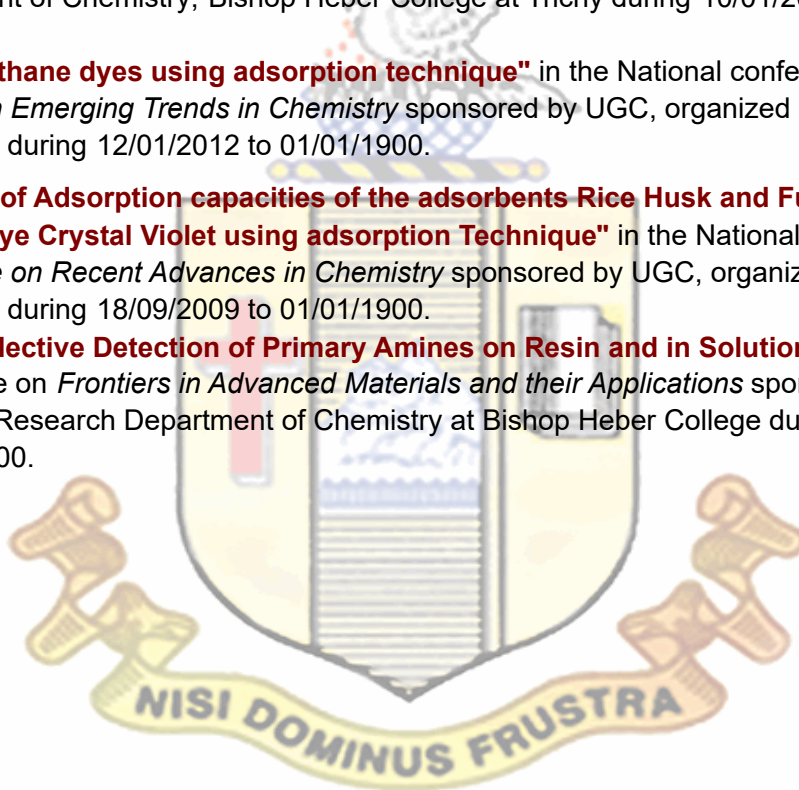
Ph.D. :

## Table of Contents

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

1. International level Workshop on **"Science through Inquiry and Research"** sponsored by United Board for Christian Higher Education in Asia organized by PG and Research Department of Chemistry at Virtual - Bishop Heber College during 20/04/2021 to 22/04/2021.
2. National level Workshop on **"E-Resources - A Boon for the Teaching and Research"** sponsored by N-LIST organized by PG and Research Department of Library and Information Science and The College Library at Bishop Heber College, Trichy during 26/03/2021 to 27/03/2021.
3. International level Conference on **"International Conference on Frontiers in Chemical Research, ICFCR 21"** sponsored by PG and Research Department of Chemistry organized by PG and Research Department of Chemistry at Virtual - Bishop Heber College during 03/02/2021 to 04/02/2021.
4. International level Conference on **"Advanced Nanomaterials for Energy, Environment and Health Care Applications ANEH 2019"** sponsored by Bishop Heber College and SWANSEA UNIVERSITY, UK organized by Bishop Heber College and SWANSEA UNIVERSITY, UK at Bishop Heber College, Trichy during 04/02/2019 to 06/02/2019.
5. International level Conference on **"Advanced Nanomaterials for Energy, Environment and Healthcare Applications ANEH -2019"** sponsored by - organized by PG and Research Dept. of Physics, Bishop Heber College at Bishop Heber College during 04/02/2019 to 06/02/2019.
6. International level Conference on **"International Conference on Chemical Research and Innovations Today CRIT 2019"** sponsored by PG and Research Department of Chemistry organized by PG and Research Department of Chemistry at Bishop Heber College, Trichy during 24/01/2019 to 24/01/2019.
7. International level Conference on **"Chemical Research and Innovations Today-CRIT 2019"** sponsored by - organized by PG and Research Dept. of Chemistry, Bishop Heber College at Bishop Heber College during 24/01/2019 to 01/01/2020.
8. International level Conference on **"International Conference on Frontiers in Advanced Materials and their Applications"** sponsored by P.G. and Research Department of Chemistry organized by P.G. and Research Department of Chemistry at Bishop Heber College during 01/09/2018 to 01/01/2020.
9. International level Workshop on **"Scientific Writing"** sponsored by P.G. and Research Department of Chemistry organized by P.G. and Research Department of Chemistry at Bishop Heber College during 02/08/2018 to 01/01/2020.
10. International level Conference on **"International Conference on Chemistry for Renewable Energy"** sponsored by - organized by Department of Chemistry, Bishop Heber College at Trichy during 25/02/2016 to 26/02/2016.
11. International level Conference on **"International Conference on Chemistry in synergy with materials with biology"** sponsored by UGC organized by Department of Chemistry, Bishop Heber College at Trichy during 01/10/2014 to 01/11/2014.
12. National level Conference on **"National Conference on Emerging Trends in Chemistry"** sponsored by UGC organized by Bishop Heber College at Trichy during 12/01/2012 to 01/01/2020.
13. National level Conference on **"National Conference on Recent Advances in Chemistry"** sponsored by UGC organized by Bishop Heber College at Trichy during 18/09/2009 to 18/09/2009.

1. **"Polymer Assisted synthesis of Hydroxyapatite nanoparticles using cationic surfactant"** in the Select conference on sponsored by , organized by at during 01/09/2018 to 01/01/1900.
2. **"Polymer Assisted synthesis of Hydroxyapatite nanoparticles using cationic surfactant"** in the International conference on *Frontiers in Advanced Materials and their Applications* sponsored by , organized by P.G. and Research Department of Chemistry at Bishop Heber College during 01/09/2018 to 01/01/1900.
3. **"Synthesis and Characterisation of TiO<sub>2</sub> nanoparticles"** in the International conference on *International Conference on chemistry for Renewable Energy* sponsored by , organized by Department of Chemistry, Bishop Heber College at Trichy during 25/02/2016 to 26/02/2016.
4. **"Removal of Triarylmethane dyes using Fullers Earth"** in the International conference on *International Conference on Chemistry in synergy with materials and Biologye* sponsored by UGC, organized by Department of Chemistry, Bishop Heber College at Trichy during 10/01/2014 to 11/01/2014.
5. **"Removal of Triarylmethane dyes using adsorption technique"** in the National conference on *National Conference on Emerging Trends in Chemistry* sponsored by UGC, organized by Bishop Heber College at Trichy during 12/01/2012 to 01/01/1900.
6. **"A Comparative study of Adsorption capacities of the adsorbents Rice Husk and Fullers Earth in the removal of the dye Crystal Violet using adsorption Technique"** in the National conference on *National Conference on Recent Advances in Chemistry* sponsored by UGC, organized by Bishop Heber College at Trichy during 18/09/2009 to 01/01/1900.
7. **"Biological Test for Selective Detection of Primary Amines on Resin and in Solution"** in the International conference on *Frontiers in Advanced Materials and their Applications* sponsored by , organized by P.G. and Research Department of Chemistry at Bishop Heber College during 01/01/1900 to 01/01/1900.



1. **"Enhanced Adsorption and Photocatalytic Removal of Cationic dyes in Aqueous solutions by Ternary Graphene Oxide - TiO<sub>2</sub>-SiO<sub>2</sub> Nanocomposites"** published in Journal of Nanoscience and Nanotechnology (PEER REVIEW) Vol. 19, Issue No. 9, January 2019 ISSN : ---.
2. **"Mononuclear Linear shaped Assemblies of N,N-DiethylBenzimidazolydine Based Ionic Liquid Co-ordinated to Ag(I) and Cu(I) -NHC and their Anti-Bacterial and Anti-Oxidant applications"** published in World Journal of Pharmaceutical Research (E-JOURNAL) Vol. 7, Issue No. 7, March 2018 ISSN : 2277-7105.
3. **"Sol-Gel Method of Synthesis of MgO and CaO nanoparticles and their characterisation"** published in World Journal of Pharmaceutical Research (E-JOURNAL) Vol. 3, Issue No. 7, January 2014 ISSN : 2277-7105.
4. **"Microwave synthesis, characterisation and Biological activities of CuS and CdS nanoparticles"** published in World Journal of Pharmaceutical Research (E-JOURNAL) Vol. 4, Issue No. 1, January 2014 ISSN : 2277-7105.
5. **"Simple methods of synthesis of copper oxide, zinc oxide, lead oxide and barium oxide nanoparticles"** published in Journal of Chemical and Pharmaceutical Research (E-JOURNAL) Vol. 6, Issue No. 3, January 2014 ISSN : ---.
6. **"Removal of Rhodamine- B dye by Adsorption Technique Using Natural Adsorbents of Plant Origin"** published in World Journal of Pharmaceutical Research (E-JOURNAL) Vol. 3, Issue No. 7, January 2014 ISSN : 2277-7105.
7. **"Removal of Triarylmethane dyes using natural adsorbent"** published in Indian journal of Environmental Protection (PEER REVIEW) Vol. , Issue No. , March 2013 ISSN : ---.
8. **"A Comparative study on the adsorption capacities of the Adsorbents Rice Husk and Activated Alumina in the removal of Rhodamine B using Adsorption technique"** published in Indian Journal of Environmental Protection (PEER REVIEW) Vol. 31, Issue No. 10, August 2011 ISSN : ---.
9. **"A Study of removal of Pb(II) by Adsorption technique using carbonized Tamarind seeds and seed coats"** published in Indian Journal of Environmental Protection (NON PEER REVIEW) Vol. 25, Issue No. 5, January 2005 ISSN : ---.



- # NATIONAL level REFRESHER on **"Chemistry - The Catalyst for Change"** Sponsored by Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, Organized by Teaching Learning Centre, Ramanujam College, University of Delhi at ONLINE during 14/07/2021 - 28/07/2021.
- # NATIONAL level on **"Train the Trainers"** Sponsored by All India Association for Christian Higher Education (AIACHE), Organized by Deanery of Academics, Bishop Heber College at Bishop Heber College during 05/03/2021 - 06/03/2021.
- # COLLEGE level on **"Capacity Building Programme on A Road map to Whole Person Education"** Sponsored by , Organized by Internal Quality Assurance Cell, Bishop Heber College at ONLINE during 13/10/2020 - 16/10/2020.
- # NATIONAL level ORIENTATION on **"Programme for Faculty in Colleges/Universities/ Instittutes of Higher Education"** Sponsored by Ministry of Human Resource Development, Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching, Organized by Teaching Learning Centre, Ramanujam College, University of Delhi at ONLINE during 04/06/2020 - 01/07/2020.



**Signature of Staff**  
**(S.PRISCILLA PRABHAVATHI)**