

Dr.T.NALINI

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Qualification

Degree	Branch	Institution / University	Year of Passing
Ph.D	CHEMISTRY	Bharathidasan University	2013
M.PHIL	CHEMISTRY	Bharathidasan University	2005
M.Sc	Chemistry	Bharathidasan University	2002
B.Sc	CHEMISTRY	Bharathidasan University	2000

Ph.D. Details

Title of Thesis Study of some bio-materials as effective adsorbents for the removal of heavy metals from industrial effluents	Area of Specialization Adsorption chemistry	Year of Award February 2014
Research Supervisor Dr.Mrs. Prabavathi Nagarajan	Research Centre Bishop Heber College	

Additional Qualification

Name of Course	Place of Study	Date	Duration
B.Ed	St. Christopher College of Education, Veperi, chennai	May 2004	2003-2004
refresher course	Academic staff college, BDU, trichy	dec. 2011	
PGDCP	Holy Cross College, Trichy - 2	May 2000	1999 - 2000

Work Experience

Name of Institution	Address of Institution	Designation	From	To
Bishop Heber College, Trichy	Bishop Heber College, Trichy 17.	Assistant Professor	14.12.2004	till date
Bishop Heber College	Bishop Heber College (Autonomous) Trichy 17	Assistant professor	14-12-2004	till date

Teaching / Research Experience**U.G. :** 11 yrs 10**P.G. :** 9 yrs**M.Phil.** 5 yrs**Ph.D.****Research Guidance****U.G. :****P.G. :** 7 yrs**M.Phil. :** 5 yrs**Ph.D. :****Table of Contents**

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

1. National level Seminar on **"National Science Week"** sponsored by DST, DBT, CSIR organized by Office of the Principle scientific advisor of Government of India at Bishop Heber College, Trichy during 22/02/2022 to 28/02/2022.
2. International level Conference on **"Chemical Research and Innovations Today"** sponsored by Management organized by Dept., of Chemistry at Bishop Heber College during 24/01/2019 to 24/01/2019.
3. National level Conference on **"Computational Analysis of Molecular Data in synergy with Biological Applications"** sponsored by DST-SERB organized by Dept., of Biotechnology & Bioinformatics at Bishop Heber College during 03/02/2017 to 03/02/2017.
4. College level Workshop on **"Curriculum Design and Evaluation Techniques"** sponsored by DBT organized by Bishop Heber College at Bishop Heber College during 21/11/2016 to 22/11/2016.
5. International level Conference on **"International conference on Environment and Health in Changing Climate"** sponsored by UGC, DBT, ICMR organized by Dept., of Environmental Biotechnology, School of Environmental Sciences, Bharathidasan University. at Bharathidasan University during 14/09/2016 to 16/09/2016.
6. International level Conference on **"International conference on chemistry for renewable energy"** sponsored by PG and Research dept. of Chemistry Trichy organized by PG and Research dept. of Chemistry Trichy at Bishop Heber College, Trichy during 25/02/2016 to 26/02/2016.
7. International level Conference on **"International Conference on Chemistry in Synergy with Materials and Biology"** sponsored by UGC organized by PG and Research dept. of Chemistry Trichy at Bishop Heber College, Trichy during 01/10/2014 to 01/01/1900.
8. International level Conference on **"international conference on biotechnological innovations towards global development"** sponsored by PG Dept. of Biotechnology, Bishop Heber College, Trichy organized by PG Dept. of Biotechnology, Bishop Heber College, Trichy at Trichy during 01/09/2013 to 01/10/2013.
9. National level Conference on **"National conference on Emerging Trends in Chemistry"** sponsored by UGC organized by PG and Research dept. of Chemistry Trichy at Bishop Heber College, Trichy during 01/11/2012 to 01/11/2012.
10. State level Seminar on **"State level seminar on "New Vistas in Chemistry""** sponsored by PG Dept. of Chemistry, Jamal mohamed College, Trichy organized by PG Dept. of Chemistry, Jamal mohamed College, Trichy at Trichy during 01/04/2012 to 01/05/2012.
11. National level Conference on **"Frontiers in chemistry"** sponsored by PG Dept. of Chemistry, Holy Cross College, Trichy organized by PG Dept. of Chemistry, Holy Cross College, Trichy at Trichy during 12/05/2008 to 12/05/2008.

1. **"removal of nickel ion from aqueous solution using carbonized cassia tora L."** in the International conference on *Envoronmental health in changing climate* sponsored by UGC, DST, ICMR, organized by Dept. of envirnmental biotechnology, school of environmental sciences, Bharathidasan university, trichy at Trichy during 14/09/2016 to 16/09/2016.
2. **"adsorption of Nickel (II) from aqueous solution using moringa oleifera fruit as an adsorbent"** in the International conference on *recent advances in synthesis biology* sponsored by , organized by Dept. of biotechnology, Bishop Heber College, Trichy at Trichy during 08/01/2015 to 09/01/2015.
3. **"removal of copper (II) ion by adsorption process using moringa oleifera"** in the International conference on *biotechnological innovations towards global development* sponsored by , organized by Dept. of Biotechnology and informatics at Trichy during 09/01/2013 to 10/01/2013.
4. **"removal of nickel (II) from aqueous solution using eco friendly bio material"** in the State conference on *New vistas in chemistry* sponsored by , organized by Dept. of chemistry, Jamal Mohamed College, Trichy at Trichy during 04/01/2012 to 05/01/2012.
5. **"a comparative study on the removal of copper using animal charcoal and rice husk dust"** in the National conference on *Nanomaterials for energy conversion and conservation* sponsored by UGC, organized by Dept. of Physics, Bishop Heber College, Trichy at Trichy during 26/03/2009 to 26/03/2009.
6. **"a comparative study on the removal of copper using rice husk dust and human hair"** in the National conference on *Nanomaterials for energy conversion and conservation* sponsored by UGC, organized by Dept. of Physics, Bishop Heber College, Trichy at Trichy during 26/03/2009 to 26/03/2009.
7. **"a comparative study on the removal of copper and nickel from waste water using senna uniflora(mill.)"** in the National conference on *Clean and Green Environment* sponsored by UGC, organized by Dept. of Environmental sciences, Bishop Heber College, Trichy at Trichy during 06/03/2009 to 07/03/2009.
8. **"Removal of hexavalent chromium from aqueous solution using Cassia tora L."** in the National conference on *Frontiers in chemistry* sponsored by , organized by Dept. of chemistry, Holy Cross College,, Trichy at Trichy during 05/12/2008 to 05/12/2008.
9. **"a comparative study of low cost carbonized adsorbents in the removal of chromium ion from aqueous solution"** in the National conference on *Recent trends in chemistry* sponsored by UGC, organized by Dept. of chemistry, Bishop Heber Collge, Trichy at tTrichy during 12/10/2007 to 12/10/2007.

Publication in Journals

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1. **"the removal of copper from aqueous solution using commercially activated carbon"** published in Der chemica sinica (SELECT) Vol. 4, Issue No. 2, January 2013 ISSN : 0976-8505.
2. **"the removal of copper from aqueous solution using senna uniflora (mill.)"** published in International journal of chem tecj researcj (SELECT) Vol. 5, Issue No. 4, January 2013 ISSN : 0974-4290.
3. **"kinetic and thermodynamic study of removal of copper from aqueous solution using senna uniflora (mill.)"** published in journal of chemical and pharmaceutocal research (E-JOURNAL) Vol. 5, Issue No. 2, January 2013 ISSN : 0975-7384.
4. **"Removal of hexavalent chromium from aqueous solution using cassia tora L."** published in Retell (SELECT) Vol. 12, Issue No. 1, January 2011 ISSN : ---.

Awards Recieved

- 1

Award Name	Presented by	Year	Level	Instituted by / Place	amount
Best paper award	Dept. of Biotechnology	01/01/2013	INTERNATIONAL	Bishop Heber college	-

RESEARCH PROJECTS

- 1

1. Minor project entitled **"Removal of Heavy metals using Boi-Materials as adsorbents"** (PRINCIPAL INVESTIGATOR), Sponsored by UGC, during 05/09/2009 to 9/5/2011 [Completed].

TRAINING PROGRAMME

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- # STATE level on **"In-Service Teacher Training Programme"** Sponsored by TamilNadu State council for Higher Education, Organized by TamilNadu State council for Higher Education at Thanthai Periyar Government Arts and Science College, Trichy-23 during 05/05/2022 - 06/05/2022.
- # STATE level ORIENTATION on **"Teachers orientation Programme"** Sponsored by UGC, Organized by Academic staff college, BDU at Trichy during 02/03/2010 - 29/03/2010.

Additional Information

- @ chaired a session in INTERNATIONAL CONFERENCE ON CHEMISTRY FOR RENEWABLE ENERGY AT BISHOP HEBER COLLEGE, TRICHY ON 26.2.2016

Signature of Staff
(T.NALINI)