



Name : Dr. R. ASHA

Qualification : M.Sc., B.Ed., M.Phil., Ph.D.

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**Title of Ph.D. Thesis :** Isotherm and thermodynamic studies of the biosorption of metal ions onto chemically modified plant materials

**Area of Specialization:** Physical Chemistry, Environmental Chemistry

**Number of Publication (Journals & Conferences):**

Sl.No	Title	Date	ISSN NO/ ISBN NO	Name of the Journal	State/National /International
1	Removal of copper(II) and zinc(II) ions from aqueous solution using modified rice husk as an adsorbent	25-06-2015	ISSN: 0976-9390	International Journal of Chemical and Pharmaceutical Sciences	International
2	Kinetic and thermodynamic studies on biosorption of lead ions by chemically modified sawdust	18-06-2016	Print ISSN: 2395-6011 Online ISSN: 2395-602X	International Journal of Scientific Research in Science and Technology	International
3	Biosorption of Cr(VI) from aqueous solution by unmodified and modified sugarcane bagasse	30-06-2016	ISSN: 2230-9926	International Journal of Development Research	International

**Details of Paper Presentation:**

Sl.No	Title of the Paper	Name of the Institution	Date
1	Biosorption of Cr(VI) and Pb(II) ions from aqueous solutions by modified wheat bran	Nesamony Memorial Christian College, Marthandam	01-08-2019 & 02-08-2019
2	Kinetic and isotherm studies of the biosorption of Ni(II) ions from aqueous solution by modified orange peel	Muslim Arts College, Thiruvithancode	06-09-2019
3	Comparative studies of removal of Pb(II) ions from aqueous solution using adsorbents prepared from rice husk and orange peel	Holy Cross College, Nagercoil	04-10-2019

**Seminars/Workshop Attended:**

Sl.No	Title of the Paper	Name of the Institution	Date
1	Two-day Lecture –Workshop on Frontier Topics in Chemistry	Scott Christian College, Nagercoil	21-08-2009 & 22-08-2009
2	National Seminar on Innovative Research in Science	Women's Christian College, Nagercoil	20-01-2015
3	Academy Lecture Workshop on Emerging Trends in Chemical Sciences	Noorul Islam Centre For Higher Education, Kumaracoil	20-02-2015, 21-02-2015 & 22-02-2015
4	National Seminar on New Frontiers in Chemistry	Women's Christian College, Nagercoil	12-03-2015
5	International Conference on Digital World	Women's Christian College, Nagercoil	13-03-2015
6	National Seminar on Recent Avenues in Science	Women's Christian College, Nagercoil	27-08-2015
7	International Conference on	Women's Christian College,	08-01-2016

	Perspectives on Research – An International Outlook	Nagercoil	
8	National Seminar on Novelties of Material Science	Women’s Christian College, Nagercoil	17-02-2016
9	Microscale Experiments in Chemistry	Infant Jesus College of Arts and Science for Women, Mulagumoodu	19-02-2020