CURRICULUM VITAE OF Dr. A. BRINDA LAKSHMI

Name : **A. BRINDA LAKSHMI**
Position : **Assistant Professor (Sl.Gr.)**
Year of Experience : 15 years
Education : Ph.D (Chemical Engg), Anna University, INDIA
M.Tech (Chem. Engg), NIT,Tiruchirappalli, INDIA
B.Tech (Chem. Engg), NIT,Tiruchirappalli, INDIA

Address for Communication

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Employment Record:

Period	Designation and Address	Nature of Job
Jan 2010 – present	**Assistant Professor,** Department of Chemical Engineering A.C.Tech Campus, Anna University, Chennai - 600 025.	Teaching and Research
Mar 2003 – Jan 2010	**Lecturer,** Department of Petrochemical Technology, BIT Campus, Anna University, Trichy - 620 024.	Teaching and Research
Jun2001- Mar 2003	**Guest Lecturer**, Department of Chemical Engg, Pondicherry Engineering College, Pondicherry – 605 014.	Teaching

Abroad Assignment:

Period	Country Visited	Purpose of visit
June 2018	San Francisco, United States of America	Conference

Area of Expertise:

- ❖ Treatment of Industrial Effluents
- ❖ Ionic Liquids
- ❖ Desulphurization of Liquid fuels
- ❖ Extraction of bioactive compounds from wastes
- ❖ Biofuel production from wastes

Membership of professional bodies:

Life Associated Member: Indian Institute of Chemical Engineers (LAM29019)

Awards/Honors:

NIL

Ongoing Projects:

NIL

National /International Collaboration:

International

Name of Institute	Collaborator	Collaboration
NIL		

Thesis guided:

Ph.D : (NIL& 3) (completed & Ongoing) MS/MTech : (25) (completed)

PUBLICATIONS

No of Book/Book Chapter written : 3
No of papers published in National journal : NIL
No of papers published in International journal : 6

Book Chapter:

S.No.	Title of the Book Chapter	Book Title	Name of the Publisher	Year of Publication
1.	Desulfurization of Liquid Fuels	Emerging trends in Petrochemical Technology	ASSVET International Publishers Co.	2016
2.	Biofuels- A promising Energy for Future	Introduction to Renewable Energy	ASSVET International Publishers Co.	2018
3.	Treatment Technologies in metal ion removal in waste water	Introduction to Renewable Energy	ASSVET International Publishers Co.	2018

List of papers published

1. Sivasubramanian.S, Rengasamy.M, **Brinda Lakshmi.A**, " Potential of phenol removal by low cost adsorbent in a batch reactor", International Journal on Applied Bioengineering, Vol. 6, Issue 1, pp. 39-43 (2012).

2. **A.Brinda Lakshmi**, A. Balasubramanian, S.Venkatesan, " Extraction of phenol and chlorophenols using ionic liquid [Bmim]+[BF4]- dissolved in Tributyl phosphate. ", CLEAN-Soil, Air, Water, published by Wiley. pp. 349-355 (2013).

3. **A.Brinda Lakshmi**, S.Sindhu, S.Venkatesan, " Performance of Ionic Liquid as bulk liquid membrane for chlorophenols removal ", International Journal of Chem Tech Research, published by Sphinx Knowledge House. pp. 1129-1137 (2013).

4. A.Sumithra, M.Shyama Sundari, S.Venkatesan, M.Rengasamy, **A.Brinda Lakshmi**, " Statistical optimization of chromium ion removal using response surface methodology", Journal of Chemical and Pharmaceutical Sciences, published by JCHPS. Issue 4, pp. 196-200 (2014).

5. **A.Brinda Lakshmi**, R.Remy, A.Balasubramanian, S.Venkatesan, "RSM studies on Phenol removal from aqueous solution and removal of phenolic compounds from Industrial Effluents by Ionic liquid [Bmim][BF4][in TBP", Journal of Scientific and Industrial Research, published by CSIR. Vol. 75, pp. 512-518 (2016).

6. **A.Brinda Lakshmi**, J.Lakshmi Priya, "Ultrasound Assisted Extraction and Microwave Assisted Extraction of Carotenoids from Melon Shells", International Journal of Chemical and Molecular Engineering, published by World Academy of Science, Engineering and Technolo Vol. 12, Issue 6, pp. 253-256 (2018).