

Dr. P.LAKSHMI PRABHA M.Sc., B.Ed.,M.Phil., Ph.D.,
Assistant Professor & Head,
Shrimathi Indira Gandhi College,
Tiruchirapalli
620002
Mobile : 9629641319, 8248423922
Email : lpraba66@gmail.com



Career Objective:

To secure a challenging position that utilizes my years of experience, while allowing me the opportunity to grow professionally

Experience:

- Working as Assistant Professor & Head in Shrimati Indira Gandhi College from 2010-till date
- Worked as Lecturer in Shrimati Indira Gandhi College from 2008-2010
- Worked as **BT** Assistant, SriSankara Matriculation School from 2004-2008
- Worked as **HM**, SriKamatchi Vidhyalaya English School from 1992-1995

Academic Profile:

<u>Year</u>	<u>Qualification</u>	<u>Institution/ Board</u>	<u>Class</u>
2006	Ph.D.,	Bharathidasan University	I
1986	M.Sc., (Chemistry)	Annamalai University	II
1991	B.Sc., (Chemistry	Holy Cross College	I

Technical Skills:

UV-Vis spectrophotometer (*JASCO V-550 & Varian Cary 50*)

Atomic Absorption Spectrophotometer

Computer skills:

- Microsoft Office (Word, Excel, Power point and outlook)
- Chem draw (3D and Bioassys)
- Photoshop
- Coral draw

Research experience and training:

Research Title of work/thesis University	Title of work/thesis	University
M.Phil	“A new photometric assay of vitamin C in tomato”	Bharathidasan university
Ph.D	“A study on the absorption of Mn(II) Zn(II) & Cd (II) ions from two ecofriendly absorbents”	Bharathidasan university

Research Paper Publications:

1. **P. Lakshmi Prabha**, B.Varalakshmi, Thirunethiran Karpagam, S.Jannathul Firdous, S.Gomathi “A Comparative study on the effects of herbal and conventional medicine on cardio vascular disease” IJPRD 2011, 3(6) 13, pg. No. 221 – 225.
2. **P. Lakshmi Prabha** , Ms. G. Banu Karthi , S.R.Subashini, S.Jannathul Firdous , Thirunethiran Karpagam , “A new photometric method of assay of vitamin C in tomato” International Journal of , 2011, 1(2), Pg. No. 66 – 74.
3. **P. Lakshmi Prabha**, Ms. M. Anu, J Abarnadevi, M Bharani, “Treatment of Dye Industrial Effluent by free and immobilized fungi” International Journal of Pharmaceutical and Life Sciences, ISSN No. 0976 – 7126, January 2013
4. **P.Lakshmi prabha**, S. Amala Fatima Rani, T. Ramachandra moorthy and B. Jayalakshmi , “A novel method for the removal of Zinc (II) by natural clay available in a pond in Tiruchirappalli, India” Engineering Science and Technology: An International Journal (ISSN 2250-3498) 5(2), 2015, p.256-259

5. **P.Lakshmi prabha**, S. Amala Fatima Rani, T. Ramachandra moorthy and B. Jayalakshmi, "An investigation of adsorption of Manganese(II) on to the clay collected from a pond in Tiruchirappalli, India" World Journal of Pharmacy and Pharmaceutical Sciences (ISSN 2278-4357) 4(6), 2015,p.714-723.
6. **P.Lakshmi prabha**, S. Amala Fatima Rani, T. Ramachandra moorthy and B. Jayalakshmi, "Curry Tree Carbon – A Novel Adsorbent for the removal of Zn(II) ions in Aqueous medium" World Journal of Pharmacy & Pharmaceutical Sciences (ISSN 2278-4357) 5(3) 2016 p.1543-1557.
7. **P.Lakshmi prabha**, S. Amala Fatima Rani, T. Ramachandra moorthy and B. Jayalakshmi, "Adsorption of Mn(II) by Curry Tree Carbon (CTC) from the aqueous solution" Journal of Chemistry & Chemical Sciences (ISSN 2229- 760X (PRINT), ISSN 2319-7625 (ONLINE) 6(3),233-244, March 2016.
8. **P.Lakshmi prabha**, "Removal of Mn(II) & Zn(II) using soil collected from a pond in Tiruchirappalli, India " European Journal of Biomedical & Pharmaceutical Sciences (ISSN 2349 -8870 vol 5 (2) 2018 , p. 308-313
9. **P.Lakshmi Prabha**, Umamaheswari Rajaji, Keerthi Murugan, Shen-Ming Chen, Mani Govindasamy,Tse-Wei Chen,Pei Hung Lin "Graphene oxide encapsulated 3D porous chalcopyrite(CuFeS₂) nanocomposite as an emerging electrocatalyst for agro-hazardous (methyl paraxon)detection in vegetables" Composites Part B (online oct 2018) vol 160(2019) p. 268-276

Paper presented in national/ international conferences:

1. National Symposium on "Recent Development in Chemistry" and presented a paper on "A Comparative study on the effects of Activated Carbon on Adsorption" at Srinivasan College of Arts and Science on 25.2.2012.
2. National Seminar on "Water Resources Management and presented a paper on "Removal of heavy metal ion from aqueous solution using an ecofriendly activated carbon Adsorbent in Tamilnadu, 6th March 2014, Jamal Mohammed College,Trichy
3. International Conference on Chemistry in Synergy with Materials and biology and presented a paper on "Batch and Isotherm Studies on Removal of Fe(III) ions by modified activated carbon prepared from Manikara Zapota Seed shell" at Bishop Heber College, Trichy on 10.1.2014 and 11.1.2014.
4. National Seminar on "Molecular Modelling and Docking study of Ache Inhibitor Helicide Derivative" at Holy Cross College, Trichy on 30.1.2014 and 31.1.2014.
5. National Seminar on "An Investigation on the Removal of Manganese by Adsorptive Method" at Dhanalakshmi Srinivasan College of Arts and Science for Women, Perambalur on 28.1.2015.

6. “National Seminar on “Modern Applications in Nano & Crystals 28th January 2015, and presented a paper on . “An Investigation on the Removal of Manganese by Adsorptive Method”, at Dhanalakshmi Srinivasan College of Arts & Science for women, Perambalur – 621 212, India
7. National Conference on New Renaissance in chemical Research (NCNCR-2015) and presented a paper on **Removal of Cd(II) ions using soil collected from a pond** in Tiruchirapalli, India at SRM University, Chennai -600089
8. International Conference 2017 On Chemical Environmental Research (ICCER 2017) and presented a paper on **“Removal of heavy metal from a novel adsorbent”** at Jamal Mohammed College , Trichy on 7.1.2017
9. National Conference (UGC Sponsored) on Recent Developments in chemistry (NCRDU – 2018) and presented a paper on “Removal of Mn(II) & Zn(II) using soil collected from a pond” at Jamal Mohammed College in Tiruchirapalli, India
10. National Conference on Advanced Materials in chemistry (NCAMU 18) and presented a Paper on “A Novel adsorbent for the removal of Mn(II) , Zn(II) & Cd(II) ions at St. Joseph College, Trichy on 8.2.2018

Participation in National /International Conferences/Workshops:

1. International Workshop on **“ HACCP& GMP in food industries & ISO certification Indian Institute of crop processing & Technology”**, Thanjavur on Oct 30, 2010
2. International conference on **“Greeting Food Processing sector for sustainable safe and Food supply”** at IICPT, Tanjore on 30.10.2010 and 31.10.2010
- 3.. National Workshop on **“Green Techniques in Chemistry Laboratory Experiments”** on 9.1.2013 at Holy Cross College, Trichy.
4. National Workshop on **“Green Techniques in Chemistry Laboratory Experiments”** on 9.1.2013 at Holy Cross College, Trichy.
5. International Workshop Innovative Research Publication in Finance at SIGC, on July 2019

Awards & Achievements :

- Recognised as the Reviewer for the International Journal Ultrasonics –Sono Chemistry
- Received Best Paper Presentation Award “National Conference (UGC Sponsored) on Recent Developments in chemistry (NCRDU –2018) at Jamal Mohammad College and presented a paper on “Removal of Mn(II) & Zn(II) using soil collected from a pond” in Tiruchirapalli, India”.
- Recognized as State level Inter School Science Exhibition 2015-2016 and 2017-2018
- Panel of Examiner for M.Phil Course , St. Joseph College, Trichy-2

Extension Activities:

- Served as Fine Arts Coordinator (2008-2010)

ACADEMIC RESPONSIBILITIES

- Vice-President, Chemistry Association 2010-2012, Shrimati Indira Gandhi College, Trichy-2
- Incharge of Certificate Programme in Laboratory TechniquesI, GNOU, New Delhi-2009-2011
- Incharge of Certificate Programme in Laboratory TechniquesI, BDU, Trichy-2011-2013

MEMBERSHIP DETAILS

- Life Member in ENABLE TRUST, Shrimati Indira Gandhi College, Trichy-2
