

BIO-DATA

Name: DR. SHEFALI PAL (LAHA)

Address: Department of Chemistry, Sammilani Mahavidyalaya, Kolkata

E-mail id: shefalipal62@gmail.com

Present position: Associate Professor

Educational Qualification: - M.Sc. (Chemistry) with Inorganic Special in 1985
-Ph.D. (Science) from Jadavpur University, Kolkata
Place of Research: Indian Association for the Cultivation (IACS) of Science in 1994
-Worked at IACS as Institute Research Associate from 1994-1996
-Obtained CSIR Research Associate ship (R.A.-I) from 1996-2000
-Joined at Sammilani Mahavidyalaya on 2000 as full time Lecturer in Chemistry.

Title of Ph.D. Thesis: “Some Transition metal complexes with N, S and N, O, S donor ligands”

Post-Doctoral Work: “Gold (I) and Gold (II) complexes of thioether ligated ligands which have antitumor and anticancer activity”

List of Awards:

1. Award of “National Scholarship” based on Madhyamik Exam. 1978, sponsored by MHRD, GOI.
2. Award of “Junior Research Fellowship” (leading to Ph.D. degree) offered by IACS, GOI from 1987-1994.
3. Award of “Research Associateship” (Post Doctorate) offered by IACS, GOI from 1994-96.
4. Award of “Research Associateship” (Post Doctorate) offered by CSIR, GOI from 1996-2000.

LIST OF SEMINARS ORGANIZED :

<u>NAME</u>	<u>SPONSORING AGENCY</u>	<u>PLACE AND DATE</u>
1. "National Service Scheme vis-à-vis student support system"	Govt. of W.B	Sammiliani Mahavidyalaya Kolkata held on 31.07.03
2. "Environment and Health Awareness Programme"	Govt. of W.B	Sammiliani Mahavidyalaya Kolkata held on 26.02.04
3. "Preventive awareness for General health and hygiene"	Govt. of W.B	Sammiliani Mahavidyalaya Kolkata, held on 07.04.05
4. "Natural Calamities & its Aftermath"	UGC sponsored State Level Seminar	Sammiliani Mahavidyalaya Kolkata, April 4-5,2007
5. "Application of Mathematics In Chemistry"	Sammiliani Mahavidyalaya Kolkata	Sammiliani Mahavidyalaya Kolkata, Feb. 2007
6. "Trends & Utility of Fundamental Sciences: A modern approach"	Sammiliani Mahavidyalaya	Sammiliani Mahavidyalaya Kolkata, March 2007
7. "Green Chemistry"	Sammiliani Mahavidyalaya Kolkata	Sammiliani Mahavidyalaya Kolkata, March2008
8. Fundamental aspect of chemistry and Its relation with industry.	UGC.	Sammiliani Mahavidyalaya Kolkata, To be held on Jan2017
9. Several college seminars organizing in each years.		

LIST OF REFRESHER'S COURSES ATTENED :

1. UGC sponsored Refresher course on “Modern aspects of chemical science” organized by UGC- academic staff collage, Jadavpur University, held on 02.01.2007 to 22.01.2007.
2. UGC sponsored Refresher course on “Fundamentals and Frontiers in Chemistry” organized by UGC- Academic Staff college, Jadavpur University, held on 02.01.2009 to 22.01.2009.

PARTICIPATION IN SEMINARS, CONFERENCES AND ORIENTATION PROGRAMMES:

NAME	SPONSORING AGENCY	PLACE AND DATE
1. Environment	Govt. of India	Dinabandhu Andrews College, Kolkata-84 held on 16.09.2000
2. Current Trends in research On Photochemistry and Photobiology	Indian Photobiology Society .	Dept. of Chemistry Jadavpur University Kolkata-700 032 held on 12.04.02
3. Recent Trends in Computer Education	Institute of Computer Engineers and Sammilani Mahavidyalaya, Computer Centre	Sammilani Mahavidyalaya held on 21.03.03
4. Orientation programme organized By training and orientation & Research centre RKM Narendrapur Kolkata	Govt. of India	Kolkata, 07.02 to 16.07.2003
5. UGC sponsored orientation Programme for college and University teachers	UGC	Jadavpur University 03.01 to 01.02.05
6. One day Workshop on “Water Elixir of Life”	Govt. of India	KOLKATA HELD ON 01.09.03
7. Scarcity of Potable Water: Health, Management & Future	UGC	City college, Kolkata 700 009, held on 13.03.04

8. Sustainable Development: Looking Back and Looking Ahead	UGC	Sammilani Mahavidyalaya held on 29.11.04 - 30.11.04
9. Preventive Awareness for General Health and Hygiene	Govt. of W.B	Sammilani Mahavidyalaya held on 07.04.05
10. Green Chemistry & Environment”	UGC sponsored National Seminar	Asutosh college, Kolkata, 19 th December, 2005
11. “Frontier of Applied Biology and Biotechnology”	UGC	Sammilani Mahavidyalaya Kolkata 20 th dec. 2005
12. “Undergraduate Physics Education & Advancement in Physics Research”	UGC	Sammilani Mahavidyalaya Kolkata Nov. 24-25, 2006
13. “Application of Spectroscopy.....”	UGC	Charuchandra College, Kolkata, Feb. 23-24, 2009
14. “Frontiers of Applied Biology And Biotechnology”	UGC	SMMV, KOLKATA Dec 20, 2005
15. “Current Trends of Chemical Research”	Chemical Research Society of India, Kolkata Chapter	Ramkrishna Mission Residential College, Narendrapur, Kol. Aug.08, 2009
16. “Chemistry & the Environment”	UGC	Jogesh Chandra Chauduri College, Kolkata, Sep 12, 2009
17. “The Journey of Chemistry through Ages – Yesterday Today Tomorrow”	UGC	Moulana Azad College, Kolkata Nov.23-24, 2011.
18. “One day Workshop on Practicals in Chemistry Hons Course of Scottish” Church College.	C.U.	Scottish Church College, Kolkata Oct. 12, 2012

TEACHING EXPERIENCE:

1. B.Sc. (Chemistry general) Degree course from 01.07.2000 till date

2. B.Sc (Chemistry Hons) Degree course from 01.07.2010 till date

RESEARCH PROJECTS CARRIED OUT:

1. Research Project on “Water Elixir of Life”, funded by Ministry of Environment and Forest, GOI (completed successfully & report submitted to the funding agency)
2. Minor Research project on “Disaster Preparedness as extension activities of NSS unit of College” funded by UGC. (completed successfully)
3. On-going Research Project on “Arsenic and Microbial contamination in household drinking water”, funded by Sammilani Mahavidyalaya in collaboration with Dinabondhu Andrews College, Kolkata.

OTHER ACTIVITIES:

1. Member of Governing Body of Sammilani Mahavidyalaya
2. Member of Internal Quality Assessment Cell (IQAC)
3. Founder Member and Programme Officer of NSS Unit of Sammilani Mahavidyalaya from 2003-08.
4. Convener of Women’s’ Forum
5. Member of PF Sub-committee
6. Member of Library Sub-committee
7. Member of Academic Sub-committee
8. Member of Ant ragging and counseling Cell

LIST OF PUBLICATIONS:

Please see Annexure-I given in the next page.

1. Iron (III) complexes of hexadentate N,S, O donor ligands 1, 3-di (o salicylaldiminophenylthio) xylene.
Shefali Pal, sailendranath Poddar and Gurucharan Mukherjee.

Complexes of N,S donor ligands. Co^{II} , Co^{III} , Mn^{III} , Fe^{III} and Pd^{II} complexes of 1,2-di(o-aminophenylthio) ethane: Synthesis, Characterisation and Reactions

Gurucharan Mukherjee, Shefali Pal, Sailendranath Poddar and K. Dey.

Proceedings of the Indian Academy of Sciences (Chemical Sciences) 105, 1993, 1.

Complexes of hexadentate N,S,O donor ligands. PartII. Copper(II) complexes of 1,3-di(o-salicylaldiminophenylthio)propane and 1,2-di(o-salicylaldiminophenylthio)xylene. **Shefali Pal, S.N.Poddar, Saktipada Ghosh and G.Mukherjee.**

Polyhedron
14, 1995, 3023

Complexes of hexadentate N,S,O donor ligands. PartII. Nickel(II) complexes of 1,3-di(o-salicylaldiminophenylthio)propane and 1,2-di(o-salicylaldiminophenylthio)xylene. **Shefali Pal, Saktipada Ghosh, G.Mukherjee and A.K.Nandi.**

Polyhedron
14, 1998, 1- 0000

Cobalt(II) and Cobalt(III) complexes of 1,3-di(o-salicylaldiminophenylthio)propane and 1,2-di(o-salicylaldiminophenylthio)xylene. **G. Mukherjee, Shefali Pal, Saktipada Ghosh**

National Sym. On perspectives of Inorganic Chemistry, IACS Dec.21-22, 1995, 431

Cobalt(III) and low spin Cobalt(II) complexes of the two highly flexible hexadentate ligands 1,3-di(o-salicylaldiminophenylthio)propane and 1,2-di(o-salicylaldiminophenylthio)xylene. **Shefali Pal, P. Sengupta, Saktipada Ghosh, G. Mukherjee and G. Mostafa.**

J. Coordination Chemistry
55,3,2002,271

ANNEXURE - I

LIST OF PUBLICATIONS OF DR. SHEFALI PAL, ^{Senior} LECTURER IN CHEMISTRY

Sl. No.	Title of Published Papers with names of Authors	Bibliographic Information [Journal, Vol. No., Year & Pages]
1.	Iron(III) complexes of hexadentate N,S,O donor ligands 1,3-di(o-salicylaldiminophenylthio)propane and 1,2-di(o salicylaldiminophenylthio) xylene. <i>Shefali Pal, Sailendranath Poddar and Gurucharan Mukherjee.</i>	Polyhedron 12, 1993, 2465
2.	Copper(I) and Copper(II) complexes of diaminodithioether ligands. <i>Shefali Pal, Gurucharan Mukherjee, and Sailendranath Poddar</i>	Trans. Met. Chem. 19, 1994, 99
3.	Diaminodithioether complexes of Nickel(II) and Palladium(II): A Unique case of Dealkylation of S,S - thioether. <i>Shefali Pal, Sailendranath Poddar and Gurucharan Mukherjee.</i>	Trans. Met. Chem. 19, 1994, 499
4.	Synthesis & Characterisation of Metal Complexes with Diacetylmonoxime (2-mercaptophenyl)imine and 2,3-dimethyl-3-oxime(2-benzothiazoline). <i>Shefali Pal, Sailendranath Poddar and Gurucharan Mukherjee.</i>	J. Indian Chem. Soc. 69, 1992, 461
5.	Complexes of N,S donor ligands: Part II. Nickel(II), Copper(II), Cobalt(II), Iron(III) and Palladium(II) complexes of 2,4-bis(2-mercaptophenylimino)-pentane and 2-(2-mercaptophenyl)-imino-4-pentanone and their reactions with alkyl and aryl halides leading to the formation of macrocycles. <i>Gurucharan Mukherjee, Shefali Pal, Sailendranath Poddar and K. Dey.</i>	Indian Journal of Chemistry 30A, 1991, 952

APPROVED

Principal
Government College
B.G.P.
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