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Qualification : M.Sc. Ph.D.
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Teaching Experience : 21 years
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Academic information :

Degree	Institution	Year of Passing / Year of Completion / Award
B.Sc. (Hons.)	Jadavpur University	1991
M.Sc.	Jadavpur University	1993
Ph.D.	Vidyasagar University	2000
NET (CSIR)		1993
GATE		1993

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Specialisation : Physical Chemistry
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Research and Publications :

Title of Thesis :

Studies on some metallo-organic chemistry of mercury(II) and palladium (II). A theoretical support to organomercuriation reaction.

Publications :

1. Regioselective Mercuration of 2-(benzylthio) -N-(benzylidene) anilines, K. Bag, N.K.De, D. Das, & C. Sinha, "**Indian Journal of Chemistry**", Vol. 36B, pp 232-235 March, 1997
2. Arylazopyridines- mercury(II) coordination and organometallic compound : Theoretical support, K. Bag, N.K.De, B.R.De, & C. Sinha, "**Proc. Indian Acad. Sci. (Chem. Sci.)**", Vol. 109, pp 159-165, June, 1997
3. Mercuration of Schiff bases of thiosubstituted benzylidene anilines, K. Bag, N.K.De, D. Das, & C. Sinha, "**Indian J. of Chemistry**", Vol. 36B, pp578-582, July, 1997
4. Chemistry of N, S donor Ligands : Synthesis and spectral characterization of Thioazobenzene / Thioazomethine Mercury (II) chloride, K. Bag, & C. Sinha, "**J. of Indian Chem. Soc.**", Vol. 74, pp763-764 October, 1997
5. Mercuration of bis [2-(N- benzylidene) phenyl] disulfides, K. Bag, D. Das, & C. Sinha, "**Indian J. of Chemistry**", Vol. 37B, pp 404- 407, April, 1998
6. Electron population controlled Mercuration of Thioamines, K. Bag, N. K.De, B. R. De, & C. Sinha, "**J. of Indian Chem. Soc.**". Vol. 75, pp 360-362, June, 1998
7. Synthesis and Spectroscopic Characterisation of Dichloro N(1)- alkyl-2-(arylo) imidazole- mercury(II) complexes, K. Bag, T.K. Misra, & C. Sinha, "**J. of Indian Chem. Soc.**". Vol. 75, pp 421-422, July, 1998
8. Studies on some reactions of cyclopalladated azobenzenes with N, O- chelators, K. Bag, T.K. Misra, & C. Sinha, "**Polyhedron**", Vol. 17, No. 23-24, pp 4109- 4114, 2000
9. Miscibility of Poly(styrene-co-butyl acrylate) with Poly(ethyl methacrylate): Existence of Both UCST and LCST, D.Rana, K.Bag, S.N.Bhattacharyya and B.M.Mandal, "**J.of Polymer Science: Part B: Polymer Physics**", Vol. 38, pp 369- 375, 2000
10. Organomercurials of benzidine Schiff bases, K.Bag, D.Das, and C.Sinha, "**Indian J.of Chemistry**", Vol. 39B, pp 787-790, October 2000
11. Reactions of cyclopalladated azobenzenes with Xanthates and Dithiocarbamates. Spectral characterization and electrochemical studies of the products, R.Roy, K.Bag, P.K.Santra C.Sinha, "**Transition Metal Chemistry**", Vol, 25, pp 302- 305, 2000
12. Kinetics and mechanism of nucleophilic substitution of dichloro{1-methyl-2-(arylo) imidazole}palladium(II) by pyridine bases, G K Routh, D Das, C Sinha, K Bag and A Mahapatra, "**Transition Metal Chemistry**", Vol, 27, pp 639- 645, 2002

13. Naphthylazoimidazole and mercury (II) complexes. Single crystal X-ray structure of 1-ethyl-2-(naphthyl-azo) imidazolium hexafluorophosphate, J Dinda, K Bag, C Sinha, G mostafa and T. H. Lu, *"Polyhedron"*, Vol. 22, No.10, pp 1367-1376, 2003

Additional Role :

1. Member of IQAC, Garhbeta College
 2. Member of NAAC Steering Committee
 3. Member of Academic Sub-committee
 4. Member of Routine Sub-committee
 5. Member of VU Examination Sub-committee
 6. Member of Service Book Sub-committee
 7. Joint Convenor of Leave Register Sub-committee
 8. Member of Tender Sub-committee
 9. Joint Convenor of Provident Fund Sub-committee
 10. Member of Computer & Computer Maintenance Sub-committee
 11. Member of Felicitation Sub-committee
 12. Member of Online Counselling Cell (Covid – 19)
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