Name: Dr. Sujit Kumar Dutta
Designation: Associate Professor
Department Chemistry
Ramananda College, Bishnupur
Bankura, West Bengal, India
E-mail:- sujitdutta64@yahoo.co.in

AREAS OF INTEREST

- Inorganic Chemistry, Bio-inorganic Chemistry, Magneto-structural correlation of homo- and hetero-polynuclear metal complexes, Photochemical oxidation of iron complxes.

EDUCATION

Doctor of Philosophy (Ph.D.) in …Science…..

Topic : Studies on Multinuclear Metal Complexes
Institute : Indian Association for the Cultivation of Science

Master of Science (M. Sc.)/Arts (M.Sc.) in …Chemistry……

Subject :Chemistry

Specialization (if any) Inorganic Chemistry
Institute : The University of Burdwan

Bachelor of Science (B.Sc.)/ Arts (B.A.) in

Major : Chemistry
Institute : Bankura ChristianCollege

ACADEMIC ACHIEVEMENTS

(NET, SET, GATE etc. with year)
NET 1990
GATE 1991
PDF: i) Max-Planck Institute for Strahlenchemie, Germany
February 1998 to June 1999
(ii) UWI, Jamaica, West Indies
September 2003 to August 2005

TEACHING EXPERIENCE 27 Years

MAJOR/MINOR RESEARCH PROJECT

Nil

RESEARCH GUIDANCE

Nil

ADMINISTRATIVE EXPERIENCE

Member of Governing Body (November 2009 to January 2013) Ramananda College, Bishnupur, Bankura.
Secretary Teacher's Council (April 2014 to March 2016) Ramananda college, Bishnupur, Bankura

HOD

April 2006 to March 2008 and April2018 to March 2020

PUBLICATIONS

(Selected): 2009

1. Methoxo-bridged diiron(III) complex of m-xylylenebis(acetylacetonate) showing remarkable thermal stability for encapsulated dichloromethane, S. Dutta, P. Biswas, S.K. Dutta and K. Nag, New Journal of Chemistry 2009, 33, 847. 2007

2. Formation of oxo-bridged tetrairon(III) complexes mediated by oxygen activation. Structure, spectroscopy, magnetism and electrochemistry, S.K. Dutta, M. Ghosh, P. Biswas, U. Flörke, C. Saal, W. Haase and K. Nag, New Journal of Chemistry 2007, 31, 93. 2006

3. Synthesis, Reactivities, and Magneto-Structural Properties of FeIII, FeIII-O-FeIII, and ZnIIFeIII-O-FeIIIZnII Complexes of a Tertiminodiphenolate Mecrocycle, P. Biswas, M. Ghosh, S. K. Dutta, U. Flörke and K. Nag, Inorg. Chem. 2006, 45, 4830. 2000

4. 1,2-Bis(pyridine-2carboxamido)benzenate(2-), (bpb)2-: A Noninnocent Ligand, Syntheses, Structures, and Mechanisms of formation of [(n-Bu)4N][Fe2IV(m-N)(bpb)2(X)2] (X= CN-, N3-) and the electronic strutures of [MIII(bpbox1)(CN)2] (M= Co, Fe), S. K. Dutta, U. Beckmann, E. Bill, T. Weyhermüller and K. Wieghardt, Inorg. Chem., 2000, 39, 3355. 1998

5. Stoichiometric and Metal-Deficient Copper(II) Complexes of a Dinucleating Macrocyclic Ligand. Sructural Studies, S.K. Dutta, U. Flörke, S. Mohanta and K. Nag, Inorg. Chem. 1998, 37, 5029. 1997

6. Macrocyclic Cu2II, Cu4II, Ni3II and Ni4II Complexes: Magnetic Properties of Tetranuclear Systems, S. Mohanta, K.K. Nanda, R. Werner, W. Haase, A.K. Mukherjee, S.K. Dutta and K. Nag, Inorg. Chem. , 1997, 36, 4656.

7. Valence-Delocalized and Valence-Trapped FeIIFeIII Complexes: Drastic Influence of the Ligands, S.K. Dutta, J. Ensling, R. Werner, U. Flörke, W. Haase, P. Gütlich, and K. Nag, Angew. Chem., Int. Ed. Engl., 1997, 36, 152. 1996

8. Homo- and Hetero- dinuclear metal Complexes of Bridging Ligands containing Phenol and Azole moieties. Structure, Spectroscopy, Electrochemistry and Magnetochemistry, S.K. Dutta, K.K. Nanda, U. Flörke, M. Bhadbhade and K. Nag. J. Chem. Soc., Dalton Trans., 1996, 2371.

9. Magnetic Investigations on a Valence-Delocalized Dinuclear Fe(II)-Fe(III) Complex, C. Saal, S. Mohanta, K. Nag, S.K. Dutta, R. Werner, W. Haase, E. Duin, and M.K. Johnson, Ber. Bunsenges. Phys. Chem., 1996, 100, 2086. NAME Resume

10. Model Compounds for Iron Proteins Structures, Magnetic, Spectroscopic and Redox Properties of FeIIIMII and[CoIIIFeIII]2O Complexes with(m-Carboxylate)bis(m- phenoxo)dimetallate and (m-Oxo)diiron(III) Cores. S.K. Dutta, R. Werner, U. Flörke, S. Mohanta, K.K. Nanda, W. Haase and K. Nag. Inorg. Chem. 1996, 35, 229

BOOK

LIST OF PARTICIPATION AS WELL AS PRESENTATION IN SEMINARS, CONFERENCE, WORKSHOP

ACS National Meeting, Washington, DC, USA, Aug.28 – Sept.01, 2005. Presented Paper- Kinetics and Generalized Mechanism of Transnitrosation Reaction. S. K. Dutta and T. P. Dasgupta. National Meeting & Exposition Program; BIOL 119, 18-Tech

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MEMBER OF PROFESSIONAL BODIES

Life member, Indian Association for the Cultivation of Science, Jadavpur, Kolkata 700032.

PERSONAL DETAILS

Date of Birth : 04/03/1964

Marital Status : Married

Nationality : Indian

Current Status : Associate Professor

Present Address : Malanchapara, Ward no. 3, Bishnupur, Bankura, 722122

Languages Known **: Bengali, English**

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