

Personal Profile		
Name	Dr. Sujit Kumar Bera	
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Date of Joining	01-02-2007	
Teaching Experience	17 years	
Topics Taught	Inorganic Chemistry, Environmental Chemistry, Analytical Chemistry.	
Research Experience	~ 20 years	
Research Area	Inorganic Chemistry	
Award and Recognition (if any)	NIL	
Membership	Life member of IACS, Kolkata; Life member of Association of Chemistry Teachers.	
Other Activity	NIL	
List of Publications	Book: 1. “ <i>Lanthanides and Actinides: A Brief Introduction</i> ” – Sujit Kumar Bera, Avenel Press, 2018, ISBN No 978-93-80736-99-0. Journal Papers: 1. <i>Recent Progress in Metal Assisted Multicomponent Synthesis of Heterocycles</i> - Pradip Kumar Maji, Rafiuqe Ul Islam, Sujit Kumar Bera , <i>Heterocycles</i> , 89 , 869 (2014).	

2. Kinetic and mechanistic study of the interaction between *cis*-[Pt(N-N)(H₂O)₂](ClO₄)₂ (N-N = ethylenediamine or N,N'-dimethylethylene- diamine) and L-glutamic acid in aqueous medium - **Sujit K. Bera**, Swapan K. Chandra and Gauri S. De, *Inorganic Reaction Mechanism*, **5**, 173 (2005).
3. Substitution of aqua ligands from *cis*-[Pt(en)(H₂O)₂](ClO₄)₂ and *cis*-[Pt(dmen)(H₂O)₂](ClO₄)₂ (en = ethylenediamine, dmen = N,N'-dimethylethylene- diamine) by glycine in aqueous medium – A kinetic and mechanistic approach – **Sujit K. Bera**, Swapan K. Chandra and Gauri S. De, *International J. Chemical Kinetics*, **37**, 489 (2005).
4. Synthesis, crystal structure and magnetic properties of binuclear complexes Mn^{III}-azido and 1D polymeric Mn^{II}-μ_{1,3}-thiocyanato novel species based on a neutral hexadentate Schiff base – Soma Deoghoria, **Sujit K. Bera**, Brian Moulton, Michael J. Zaworotko, Jean-Pierre Tuchagues, Golam Mostafa, Tian-Huey Lu and Swapan K. Chandra, *Polyhedron*, **24**, 343 (2005).
5. Kinetic and mechanistic approach of the interaction of glycylglycine with *cis*-[Pt(en)(H₂O)₂](ClO₄)₂ and *cis*-[Pt(dmen)(H₂O)₂](ClO₄)₂ (en = ethylenediamine, dmen = N,N'-dimethylethylenediamine) in aqueous medium - **Sujit K. Bera**, and Gauri S. De, *Indian J. Chem.*, **43A**, 1882 (2004).
6. Kinetics of substitution of aqua ligands from *cis*-diaqua(ethylenediamine) platinum(II) perchlorate by L-asparagine in aqueous medium – **Sujit K. Bera**, Swapan K. Chandra and Gauri S. De, *International J. Chemical Kinetics*, **35**, 252 (2003).
7. Substitution of aqua ligands from *cis*-[Pt(en)(H₂O)₂](ClO₄)₂ and *cis*-[Pt(dmen)(H₂O)₂](ClO₄)₂ (en = ethylenediamine, dmen = N,N'-dimethylethylenediamine) by glutathione (reduced) (GSH) in aqueous medium – A kinetic and mechanistic study – **Sujit K.**

	Bera, Partha S. Sengupta and Gauri S. De, <i>Inorganic Reaction Mechanism</i>, 5, 65 (2003). 8. Synthesis, crystal structure and magnetic properties of a new ferromagnetic nickel(II) dimer derived from a hexadentate Schiff base ligand – Soma Deoghoria, Sushama Sain, Monica Soler, W. T. Wong, George Christou, Sujit K. Bera and Swapan K. Chandra – <i>Polyhedron</i>, 22, 257 (2003). 9. Kinetics of substitution of aqua ligands from <i>cis</i>-diaqua(ethylenediamine) platinum(II) perchlorate by guanosine in aqueous medium.- Partha S Sengupta, Ramanath Sinha, Sujit K. Bera and Gauri S. De, <i>Indian J. Chem.</i>, 41A, 712 (2002). 10. Synthesis, structure, spectra and redox behaviour of a ruthenium(III) complex with a tripodal Schiff base ligand – S. Deoghoria, S. Sain, T. K. Karmakar, S. K. Bera and S. K. Chandra, <i>J. Ind. Chem. Soc.</i>, 79, 857 (2002). 11. Synthesis, crystal structure and magnetic behavior of two new binuclear complexes bridged by a pentadentate ligand : $[\text{Ni}_2\text{L}_2(\text{NCS})_2](\text{ClO}_4)_2$ and $[\text{Ni}_2\text{L}_2(\text{NCO})_2](\text{ClO}_4)_2$, [L = pentadentate ligand] – Soma Deoghoria, Sushama Sain, Brian Moulton, Michael J. Zaworotko, Sujit K. Bera and Swapan K. Chandra, <i>Polyhedron</i>, 21, 2457 (2002).
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