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Academic background- B. Ed., PhD

Position- Assistant professor

Research interest- Inorganic chemistry, Kinetics

Selected publication-



1	Mechanistic aspects of ligand substitution on $[(\text{H}_2\text{O})(\text{tap})_2\text{RuORu}(\text{tap})_2(\text{H}_2\text{O})]^{2+}$ ion {tap=2-(m-tolylazo)pyridine} by some amino acids in aqueous medium at physiological pH, Arup Mandal , Subala Mondal, Parnajyoti Karmakar, Subhasis Mallick, Biplab K. Bera, and Alak K. Ghosh*	<i>Int. J. Chem. Kinet</i> , 280611, 44, issue 9, 612-623, September 2012
2	Mechanistic aspects of ligand substitution on $[(\text{H}_2\text{O})(\text{tap})_2\text{RuORu}(\text{tap})_2(\text{H}_2\text{O})]^{2+}$ {tap=2-(m-tolylazo)pyridine} ion by three glycine-containing dipeptides in aqueous medium at physiological pH, Arup Mandal, Subala Mondal, Parnajyoti Karmakar, Biplab K. Bera, Subhasis Mallick and Alak K. Ghosh*	<i>J. Chem. Sci. Vol. 124, No. 3, May 2012, pp. 587–596.</i>
3	Kinetic studies on substitution of cis-diaqua-chloro-tris-(dimethylsulphoxide)-ruthenium(II) complex with some dipeptides in aqueous medium, Arup Mandal, Parnajyoti Karmakar, Subhasis Mallick, Biplab K Bera, Subala Mondal, Sumon Ray and Alak K Ghosh*	<i>J. Chem. Sci. Vol. 124, No. 4, pp. 801–807, July 2012.</i>
4	Mechanistic aspects of ligand substitution on cis-diaqua-chloro-tris-(dimethyl sulfoxide)-ruthenium(II) complex by adenosine and cytidine in aqueous medium, Arup Mandal, Parnajyoti Karmakar, Biplab K. Bera, Sumon Ray, Subala Mondal and Alak K. Ghosh*	<i>Prog. React. Kinet. Mech., vol 39, 74-88(2014)</i>
5	The reactivity of vic-dioximes towards $[(\text{H}_2\text{O})(\text{tap})_2\text{RuORu}(\text{tap})_2(\text{H}_2\text{O})]^{2+}$ ion {tap=2-(m-tolylazo)pyridine} at physiological pH Arup Mandal, Sumon Ray, Parnajyoti Karmakar, Subhasis Mallick, Subala Mondal, Biplab K Bera and Alak K. Ghosh*,	<i>J. Soln. Chem., 43, 870-884 (2014).</i>