

C.V.OF DR. SMRUTIPRAVA DAS

1. Name : **DR (MRS) SMRUTIPRAVA DAS**
2. Designation : Reader in Chemistry
Ravenshaw University,Cuttack
3. Date of Birth : 07.07.1961
4. Educational Qualification :

Sl. No	Qualification	Year of Passing	Subjects (PG onwards)	Division	Name of the University
1.	HSC	1977	MIL(O),English,Math,Science	First	B.S.E
2.	I.Sc	1979	Physics,Chemistry,Math,Biology	First	Utkal University
3.	B.Sc	1981	Chemistry (Hons)	First (Hons) Dist.	Utkal University
4.	M.Sc.	1983	Chemistry	Grade A+	Utkal University
5.	M.Phil	1985	Physical Chemistry	Degree Awarded	Utkal University
6.	Ph.D	2000	Physical Chemistry	Degree Awarded	Utkal University

5. Teaching Experience :
- Under Graduate : 20 years
- Post Graduate : 22 years
6. Research Guidance :
- Ph.D - 6 Students Working
- M.Phil - 4 Students Awarded
- 3 students submitted

7. Research Project Completed : One

Sl. No.	Title	Sponsoring Agency with Address	Duration From To	Amount of Grant
1.	Study of base hydrolysis of some amino acid complexes of Co(II)	U.G.C New Delhi, Minor Research Project	1993-1994	18,750/- Vide Letter No-F26-1411/90 dated 15.10.92

8. List of Publications

A. Papers Published in National & International Journals

Sl. No.	Title	Name of the Journals with full Address	Volume	Month & Year	Page No. From To	National/ International
1.	Kinetics & Mechanism of..... Co(III) ion	Indian Journal of Chemistry, India	29A	1990	227-230	National
2.	Kinetics mechanism of base hydrolysis Co (III) part-21	Indian J.Chem, India	33A	1994	1013- 1014	National
3.	Effect of solvent..... role of solvent structure	J.of Chemical Research(s) London	-	1997	136-137	International
4.	Effect of solvent on... Role of solvent basing & part-22	J.of Chemical Research(M), London	-	1997	925-950	International
5.	Effect of solvent DMSO+ Water Media	Indian J.of Chem, India	36A	1997	849-856	National
6.	Effect of solvent role of substrate hydrophobicity & solvent structure	International J.of Chemical Kinetics, London	31A	1999	55-64	International
7.	Effect of solvent on t.... Preferential solvation	Indian J. Chemistry	38A	1999	434-445	National

8.	Kinetics & Mechanism....., role of chelated ligands	Transition met chem....., London	23	1998	175-181	International
9.	Base hydrolysis -O ₂ CCH ₂ NH ₂	Souvenir national seminar on solution chemistry	-	2002	16-17	National
10.	Biomedicalmethylcobalamin	J.T.R Chem (India)	-	2008	65-67	National
11.	Kinetic of Co (III) complex in aqueous medium	J.Ind. Chem.Soc (India)	-	2008	208-211	National
12.	Kinetic Mechanism..... aqueous medium	Polish J.Chem (Poland)	83	2009	455-466	International
13.	Kinetics & Mechanism Micellar Media	Communicated to Polish J.Chem (Poland)		2010		International

B. Number of Books Published : NIL

9. National/International Seminar/Conference/Symposium/Workshop Attended

Sl. No	Year	Type seminar / Workshop/ Conference/ Symposium	Name of the conference Seminar/ Workshop/ Symposium	Sponsoring Agency	Place	Title of the Paper Presented / Subject of the Seminar
1.	1995 4-5 th Sept.	Workshop on Inorganic Chemistry	Recent trends in Inorganic chem.	DST, New Delhi	Utkal University	Kinetics & Mechanism of base hydrolysis
2.	1997 27-29 th Jan	National Seminar	National Seminar on Solution Chemistry	UGC, New Delhi	Utkal University	Reactivity of some amino acid complexes of Co (III)
3.	1998 30-31 Mar.	National Seminar	National seminar on Co-ordination Chemistry	UGC, New Delhi	Utkal University	Solvent effect of role of solvent structure

4.	1998 18-19 th Dec	National Seminar	National Seminar on Environment & Water Management	UGC, New Delhi	Khalikote College, Berhampur	Quality & Water in rivers of Ganjam
5.	2001 28-30 March	National Seminar	Recent trends in Coordination Chemistry	D.S.T & U.G.C	Utkal University, Vani Vihar	Effect of solvent part-25
6.	2002 22-23 rd Nov	National Seminar	Application of Radioisotopes and Indian Technology	BARC,Bombay	Institutes of Physics, BBSR	Preservation of ground Nuts using radio isotopes
7.	2002 21-22 nd Dec	National Seminar	National Seminar on Solution Chemistry	UGC	Berhampur	Base hydrolysis of $O_2CCH_2NH_2$
8.	2004	Seminar	Annual Seminar of Orissa Chemical Society	U.G.C & O.U.A.T	OUAT, Bhubaneswar	Reaction of Pt(II) complexes
9.	2007 23-27 th Dec	Seminar	Annual Convention of Chemists	Indian Chemical Society & DST	Jeypore, Rajasthan	Interaction of Cr(III) with Ranitidin Hydrochloride
10.	2007 29-30 th Dec	Seminar	Annual Seminar of Orissa Chemical Society	Orissa Chemical Society	OEC,BBSR	Biodisel
11.	2008 23-27 th Nov	Seminar	International Conference on Advances in Chemistry	DST UGC ICS	Karnatak University, Dharward	Interaction of Peptide with metal ion
12.	2008 27-28 th	National Seminar	Annual Seminar of Orissa Chemical Society	OCS UGC	North Orissa University, Baripada	Micellar effect on electron transfer reaction
13.	2009 25 th Mar	National Seminar	National Seminar on Coordination Chemistry	UGC	Utkal University BBSR	Ion-Solvent interaction of Cis & Trans Cr complexes
14.	2010 18- 21st May	School	School of Pulsed Power Technology-2010	BRNS	BARC, Mumbai	Chemical application of plasma technology