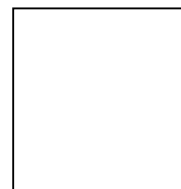


# Curriculum Vitae



**Name:** Smruti Prava Das

**Designation:** Reader

**Subject:** Chemistry

**Mobile:** 9437604667

**E-mail:** dassmrutiprava@yahoo.in

## Professional Experience:

Qualified OPSC - 1987

Degree teaching experience - 24 years

P.G teaching experience - 21 years (Bhadrak college - 5 years, Khalikote college - 7 years, Ravenshaw college/University - 9 years.

## Education:

B.sc - 1<sup>st</sup> class Hons. with distinction 1981.

M.sc - Grade A+ (1<sup>st</sup> in Utkal University 1983).

M.phil - Passed (1<sup>st</sup> in Utkal University 1985)

Ph.D - Awarded in 2000 from Utkal University

## Area (s) of specialization:

Passed M.sc with physical and nuclear special paper.

Area of research is dynamics of reaction rate, ion solvent interaction in the reaction medium, study of physico-chemical properties of bio molecules and complexes and study of green nano composites like soy protein.

## Publications-Research papers in peer reviewed journals. :-

### International:-

- 1) Effect of solvent on .....basicity and solvent structure.  
*J. Chem. Research(S) 136-137, (1997).J. Chem. Research(M) 0925-0950,(1997), ISSN No.-1364-5560.*
- 2) Effect of solvent on the .....hydrophobicity and solvent structure.  
*Int. J. Chem. Kinetics, 31, 55-64 (1999) ISSN No.-05388066-10974901.*
- 3) Kinetics and Mechanism of.....the role of chelating ligands.  
*Transition Met. Chem., 23, 175-181(1998) ISSN No.-0340-4285.*
- 4) Kinetics and mechanism of.....complex in aqueous medium.  
*Polish. J. Chemistry (Poland). Vol 83 P- 455-466 (2009) ISSN No.-0137-5083.*
- 5) Spectral, Thermal.....modified with semicarbazide.  
*African J. scientific research Vol. I P- 64-90(2011) ISSN No.-2220-9433.*
- 6) Kinetics and mechanism .....micellar media.  
*Polish J. Chemistry(accepted for publication on 23.2.2011).*

### National

- 1) Kinetics and mechanism of.....cobalt(III)ion.  
*IndianJ. chem., 29A, 227-230(1990) ISSN-0376-4710.*
- 2) Kinetics and mechanism of.....cobalt(III) ion: part. 2  
*Indian J. Chem., 33A, 1013-1014(1994) ISSN-0376-4710.*
- 3) Effect of solvent on .....in dimethyl sulphoxide +water media.  
*Indian J. Chem., 36A, 849-856(1997) ISSN-0376-4710.*

- 4) Effect of solvent on the.....solvent structure on reactivity.  
*Indian J. Chem 38A, 434,-445(1999) ISSN-0376-4710.*
- 5) Biomedical use of methycobalamine.  
*J.T.R. Chem. 15(2) P65-67(2008)ISSN-0971-6408.*
- 6) Kinetics of base.....in aqueous medium.  
*J. Indian Chem. Soc. 85, 208-211(2008) ISSN-0019452202.*
- 7) Kinetics and mechanisim.....DL.m.  
*J. Indian Chem. Soc.(accepted for publication on 3.3.2011).*

**Conference Presentations:**

**International:-**

- 1) Presented a paper in 44<sup>th</sup> Annual Convention on chemists and International seminar on solution chemistry from 23-27<sup>th</sup> Dec. 2007 at Jaipur (Rajasthan).
- 2) Presented a paper at International Conference on Recent Advances in Chemistry 23-27 November 2008 at KARNATAKA UNIVERSITY, DHARWARD.
- 3) Presented a poster in International School on Pulse Power Technology at BARC,Mumbai(Trombay) from 18-21<sup>st</sup> May 2010.

**National:-**

- 1) Presented a paper in National Seminar on Solution Chemistry,27-29<sup>th</sup> January, Utkal University , Vanivihar, Bhubaneswar, 1997.
- 2) Presented a paper in National Seminar on Coordination Chemistry 30-31<sup>st</sup> March, Utkal University, Bhubaneswar, 1998.
- 3) Presented a paper in National Seminar on "Environment and Water Management" sponsored by UGC on 18-19<sup>th</sup> December, Berhampur, 1998.
- 4) Presented a paper in National Symposium on recent trends in co-ordination chemistry, 28-30<sup>th</sup> March at Utkal University, Bhubaneswar, 2001.
- 5) Presented a paper in National Seminar in solution Chemistry 21-22<sup>nd</sup> Dec., 2002 at Berhampur sponsored by UGC.
- 6) Presented a paper in Orissa Chemical Society Annual Conference on from 29-30<sup>th</sup> Dec. 2007 at OEC, Bhubaneswar.
- 7) Presented a paper in National Seminar on Materials Chemistry and Catalysis, 27-28<sup>th</sup> December 2008 at North Orissa University, Baripada.
- 8) Presented two papers in National Conference on coordination chemistry at Utkal University, Bhubaneswar on 25<sup>th</sup> March 2009.
- 9) Presented a paper in National Seminar on smart molecules at Apex Institute of technology, Orissa (25-26<sup>th</sup> December) 2010.
- 10) Presented two papers in National Seminar on recent trends in chemical science (RETICS) at Jyotivihar , Sambalpur,( 4-5<sup>th</sup> January 2011).

**Conferences/ Workshops/ Training Programs Organized:**

- 1) Organized a National Seminar on "Environment and Water Management" sponsored by UGC on 18<sup>th</sup>-19<sup>th</sup>, December, Berhampur. 1998.
- 2) Organized a National Seminar in solution Chemistry on 21<sup>st</sup>-22<sup>nd</sup> Dec.2002 at Berhampur Sponsored by UGC.
- 3) Organized as Convener of National School on Chemistry and Physics of Plasmas (SCAPP-2010) at Ravenshaw University from 27-30<sup>th</sup> Oct.2010 Sponsored by BRNS.

**Research Projects, Evaluation Research, Consultancies:**

- 1) One Research project completed funded by UGC.  
Applied for one major research project to BRNS.
- 2) Evaluated 10 M.Phil thesis (six internal and four external)

- 3) Two Ph.D thesis evaluated in 2010 (1 from Kakatiya University and 1 from Osmania University)  
One Ph.D thesis evaluated in 2011(Kakatiya University)
- 4) Guiding 6 students for Ph.D degree.

**Advisory & Editorial Boards:**

- 1) Associate advisor of student union advisory board(R.U).
- 2) Associate advisor of D.S.A (R.U).
- 3) Superintendent of Devi Women's Hostel (R.U).
- 4) Chairman of sexual harassment cell(R.U).
- 5) Examination coordinator of P.G Dept. of Chemistry(R.U).
- 6) Admission coordinator of P.G Dept. of Chemistry(R.U).
- 7) Chief Editor of proceedings of SCAPP-2010.
- 8) Chief Editor of "Ananya".(Annual magazine of Devi Women's Hostel)

**Honours, Fellowships:**

- 1) National scholarship through out the educational career.
- 2) Junior research fellowship and teacher fellowship awarded from UGC.

**Membership in Professional Bodies:**

- 1) Life member of Indian Science Congress.
- 2) Life member of Indian Chemical Society.
- 3) Executive body member of Orissa Chemical Society.
- 4) Life member of Orissa Environmental Society.