

PROFORMA

1. Name : DR. (MRS) SMRUTIPRAVA DAS
2. Designation : Sr. Lecturer in Chemistry
Ravenshaw University, Cuttack
3. Date of Birth : 07.07.1961

4. Educational Qualification:

| Sl No. | Qualifications | Year of passing | Subjects (PG onwards) | Division | Name of the University |
|--------|-----------------|-----------------|-----------------------|--------------------|------------------------|
| 1. | BA/B.Sc./B.com | 1981 | Chemistry (Hons) | First (Hons) Dist. | Utkal University |
| 2. | MA/M.Sc./M.Com. | 1983 | Chemistry | Grade A+ | Utkal University |
| 3. | M.Phil. | 1985 | Physical Chemistry | Degree Awarded | Utkal University |
| 4. | Ph.D. | 2000 | Physical Chemistry | Degree Awarded | Utkal University |
| 5. | D.Lit | | | | |

5. List of Publications

A. Papers Published in National & International Journals

| Sl. No. | Title | Name of the Journals with full Address | Number | 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 basising & part-22 | J. of Chemical Research(M), London | - | | 1997 | 925-950 | International |
| 5. | Effect of solvent dm So+ water media | Indian J. of Chem, India | | 36A | 1997 | 849-856 | National |
| 6. | Effect of solvent... role of substrate hydrophobiling & solvent strate. | International J. of Chemistry Kinetics, London | | 31A | 1999 | 55-64 | International |
| 7. | Effect of solvent on t.. Pretevential salvation.. | Indian J. Chemistry | | 38A | 1999 | 434-445 | National |
| 8. | Kinetics & Mechanics role of chelaris ligands | Transition met chem... . London | | 23 | 1998 | 175-181 | International |
| 9. | Base hydrolysisO ₂ CCH ₂ NH ₂ | Souvenir national seminar on solution chemistry | | | 2002 | 16-17 | National |

B. Number of Books Published : NIL

| SI No | Title | Year of Publication | Name & Address of Published | Text book / Reference Book |
|-------|-------|---------------------|-----------------------------|----------------------------|
| | | | | |

6. 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 Chem. | 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 complex on 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 | Berhampur | Quality & water in rivers of ganjam |
| 5. | 2001 28-30 March | National Symposium | 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 | Institute of Physics | 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 ₂ CCH ₂ NH ₂ |
| 8. | 2004 | Seminar | Annual seminar of Orissa Chemical society | U.G.C & OUAT | OUAT Bhubaneswar | Reaction of Pt(II) complexes |
| | | | | | | |

7. Research Project Completed NIL

| 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 -1 411/90 dated 15.10.92 |

8. Ongoing Research Projects :

| SI No. | Title | Sponsoring Agency with Address | Duration from which undertaken | Amount of Grant |
|--------|---|---|--------------------------------|-----------------|
| 1. | Priomedical use of some Pt (II), Pd (II)&Rh (III) complexes | UGC (applied) for minor research Project | | |

9. Whether awarded Ph.D./D. Lit .:

| SI No. | Title of the Thesis | Name and Address of the guide | Year of Award |
|--------|--|--|---------------|
| | Study of medium effect on dioxide with some redox active transition metal ions | Dr.R.K. Nanda (Ex Prof. Utkal University, Vani Vihar) Dr. A.C. Dash (Ex Prof. Utkal University, Vani Vihar) | 2000 |

10. Research Guidance :

A. D. Lit.

NIL

| SI No. | Name of the Scholar | Regd. No. & Date | Title | Year of Award |
|--------|---------------------|------------------|-------|---------------|
| | | | | |

B. Ph. D.

NIL

| SI No. | Name of the Scholar | Regd. No. & Date | Title | Year of Award |
|--------|---------------------|--|--|---------------|
| 1. | Sadhana Senapati | 13-chemistry 2003-04 date-21/5/2004 | Ion-solvent interaction of metal complexes in mix solvent medium | Continuing |

C. M.Phil

| SI No. | Name of the Scholar | Regd. No. & Date | Title | Year of Award |
|--------|---------------------|------------------|---|---------------|
| 1. | Sulochana Singh | 2006 | Getting energy, Health & a clear nanotechnology | Continuing |

Smrutiprava Das