

RESUME WITH LIST PUBLICATIONS OF PROFESSOR KALLOL KUMAR GHOSH, SCHOOL OF STUDIES IN CHEMISTRY, PT. RAVISHANKAR SHUKLA UNIVERSITY, RAIPUR

1. Name : **Dr. KALLOL KUMAR GHOSH**
2. Date of Birth : 10-10-1960
3. Designation : **Professor & Former Head** (Chemistry)
4. Address : School of Studies in Chemistry,
Pt. Ravishankar Shukla University, Raipur C.G. 492010.
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5. Qualification:

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| B.Sc. | 1979 | 64.6%
6th Position in University. | Pt. RAVISHANKAR SHUKLA
UNIVERSITY, RAIPUR |
| M.Sc. | 1981 | 71.2%
3rd Position in University.
Specialization:
(Physical Chemistry). | Pt. RAVISHANKAR SHUKLA
UNIVERSITY, RAIPUR |
| Ph.D. | 1986 | Specialization:
(Physical Chemistry). | Pt. RAVISHANKAR SHUKLA
UNIVERSITY, RAIPUR |

6. Total Teaching Experience: about **34 years**

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| Lecturer | 26.9.1983- 3.3.1987 | Govt. Arts & Sc. College Durg Adhoc |
| | 4.3.1987- 15.4.1988 | Govt. Arts & Sci College , Durg ,
(Regular) |
| Lecturer | 16.4.1988 to 26.7.1998 | Pt. Ravishankar Shukla University |
| Reader | 27.7.1998 to 26.7.2006 | Pt. Ravishankar Shukla University |
| Professor | 27.7.2006 | Pt. Ravishankar Shukla University |

7. Awards:

- **Best Professor of the Year (2015) by IQAC, Pt. Ravishankar Shukla University**
- **Bronze Medal (2012) Chemical Research Society of India, Bangalore**
- **Prof. B. N. Ghosh Memorial Award (2016) , Indian Chemical Society**

8. Membership in University:

- I. **Chairman : Board of Studies in Chemistry (3 years)**
- II. **Coordinator : DST INSPIRE PROGRAM, Pt. Ravishankar Shukla Univ.(upto Feb 2018**
- III. **Coordinator : Public Outreach Centre , Pt. Ravishankar Shukla Univ**
- IV. **Editor : Pt. Ravishankar Shukla Univ. Journal Science**
- V. **Member : Academic Planning & Evaluation Board (2 years)**
- VI. **Member : Internal Quality Assurance Cell**
- VII. **Member : Local Program Planning & Management Committee , HRDC**
- VIII. **Member : Library Committee**
- IX. **Coordinator : DST FIST GRANT (up to June 2016)**
- X. **Coordinator : UGC SAP DRS-PROJECT**

9. Research Interests:

- Teaching in M.Sc. Level ~34years * Chemical Kinetics
- Ph. D. Obtained : 26 * Homogeneous Catalysis
- Student Working: 04 * Mechanistic Organic Chemistry
- * Surface Chemistry

10. Examination Experience:

Acted as Examiners for MSc/ M. Phil / Ph. D students :

Pt. Ravishanker Shukla University, Guru Ghasidas University, Bilaspur, Rani Durgavati University, Jabalpur, Jiwaji University, Gwalior, Barkatulla University, Bhopal, Nagpur University, Nagpur, Amravati University, Rajasthan University, Jaipur, Jadavpur University, Kolkata, JNV University, Jodhpur, Sambalpur University, Sambalpur, Utkal University, Bhubaneswar, Annamalai University, Annamalai, Bhavnagar University. Bhavnagar, Kalyani

University, Kalyani etc., Osmania University, University of Kerala, Central University, Gujrat, Kolkata University, Kolkata etc.

11. Reviewer

- **American Chemical Society Journals**
- **Elsevier Journals**
- **Academic Press**
- **CSIR Journals**
- **Indian Chemical Society Journal**

12. Foreign visit:

- 8th International Conference on Homogeneous Catalysis, University of Amsterdam. **The Netherlands**, August 1992.
- **INSA - JSPS Visiting Fellow**: Seikei University, Tokyo. **Japan**. (June 2000 to September 2000)
- 14th Surfactant in Solution Symposium: University of Barcelona. **Spain**, (June 2002)
- Delivered a lecture in ITODYS, University of Paris-7, Paris, **France** (June 2002)
- Visited University of Santiago-de-Compostella, **Spain**, (June 2002).
- Attended JASS 03 Winter School on NMR – Osaka University, **Japan** (Jan.2004)
- **JAMES CHAIR VISITING FELLOW**: St. Francis Xavier University, Antigonish, **CANADA** (1st June 2005 to 1st Aug. 2005).
- Attended 12th. Asian Chemical Congress, Kuala Lumpur, **Malaysia**, Aug. 2007
- Visited and delivered lecture in National University of Singapore, **Singapore**, Aug. 2007.(Nanoscience and Nanotechnology Division)
- Delivered an Invited a talk in 238 Th. American Chemical Society Meeting, Washington DC, **USA** from August 16-20, 2009.
- Delivered and Invited talk in 8th Inter. Chemical & Biological Medical Treatment Symposium, 2-7 May 2010, Spiez Laboratory, **Switzerland**.
- Delivered and Invited talk in CBMTS Industry VII, World Congress on CBRN Threat & Terrorism, 10-15 April 2011, Cavtat-Dubrovnik, **Croatia**

13. Research Projects: (Sanctioned/Ongoing)

- Kinetic Study of the Acid Promoted Hydrolysis of Hydroxamic Acids, UGC New Delhi, 1991-1993.
- Mechanistic Studies of the Acidic Hydrolysis of Some C and N Substituted Hydroxamic Acids, DST. New Delhi, 1992-1995.
- Kinetic Studies of Micellar Hydrolysis of Hydroxamic Acids, 1994-97. MPCST. Bhopal. INDIA
- Reactivity & Mechanism of Alkaline Hydrolysis of Hydroxamic Acids. UGC, New Delhi (1994-1997).
- Acid-base Equilibria and Metal Complexation of Hydroxamic Acids Application to DNA Cleavage (1997-2001), DST. New Delhi.
- Characterization and Properties of Mixed-Micelles and Polymer-Micelles as Reaction Media. UGC Unassigned Grant, 2001-2003.
- Interfacial Organic Reactivity of Hydroxamic Acids in Micro organized Media. C.S.I.R. New Delhi 2002-2005.
- Detoxification of Some Simulants of Chemical Warfare Agents and Pesticides using Hydroxamic Acids, DRDO, New Delhi 2004-2006.
- Size Controlled Silver and Gold Nanoparticles Synthesis in Organized Assemblies: UGC Minor Project, New Delhi, 2005-2006.
- Study of Enzymatic Hydrolysis of Carboxylate and Phosphate Esters in Micelles : CSIR Major project , New Delhi 2007-2011.
- Studies on Physicochemical and Thermodynamic Properties of Some Gemini Surfactants: UGC Minor Project, New Delhi, 2009-2011.
- Synthesis and Development of Novel Oxime Reactivators of Cholinesterases Inhibited by Organophosphorus Toxicants: DRDO New Delhi. 2012-2015
- Solubilization of polycyclic aromatic hydrocarbon using novel surfactants mixture: CSIR, New Delhi. 2012-2016
- Micellar, Interfacial and Spectroscopic Studies of Antidepressant-Drug-Surfactant System. : UGC, New Delhi, 2015-2018
- Study On Interaction Of Surfactants And Surfactants Mixture With Serum Albumin Protein. : CCOST, Chhattisgarh, 2015-18

14. Special Training / Short Term Courses Attended:

- UGC Refresher Course on Physical Organic Chemistry for post-graduate teachers, IISc. Bangalore, 1991.
- Laser Workshop for Physicists and Chemists, Sagar University, 1988.
- 9th Refresher Course on Quantum Chemistry and Molecular Spectroscopy, Punjab University, Chandigarh, 1994.
- Refresher Course in Low Cost Chemical Instrumentation, Raipur. March 1995, in collaboration with CPDHE, Delhi University.

- UGC Refresher Course: Application Oriented Chemistry & Environmental Chemistry, Calcutta. March 1998.
- Orientation Programme for Academic Counsellors, IGNOU, Ahmedabad, 4-5 Dec. 1998.

15. Number of Research Papers Published/Accepted: 179

PI SEE BELOW

16 Other Activities :

- (I) Academic Counsellor: Indira Gandhi National Open University.
Pt. Ravishankar Shukla University, Raipur
- (II) **Life Member:** Indian Science Congress Association,
Indian Society for Surface Science and Technology,
(Council Member)
Indian Association for Cultivation of Science.
Chemical Research Society of India
Indian Chemical Society
Indian Society for Chemistry Teacher
- (III) Organized a National Symposium on Fundamental and Analytical Aspects of Self-Organising Systems. Pt. Ravishankar Shukla University, Raipur (Aug. 4-6. 1997).: Joint Organizing Secretary, 3 rd C.G Young Scientist Congress (Feb 28- March 2, 2005) Organizing Secretary :47 th. Annual Convention of Chemists and International Conference on Recent Advances in Chemical Sciences, Dec. 23-27, 2010: Organized 17th. National Conference on Surfactants, Emulsions and Biocolloids , Nov. 4-6, 2015
- (IV) Elected Scientist-in- Charge, Physical Chemistry Section, Annual Convention of Chemists (2011-2013), Indian Chemical Society
- (V) Awarded Bronze Medal for Research by CRSI, Bangalore
- (VI) Coordinator: P G Valuation 2007-2008: 2008-09 Examinations: Astd. Coordinator: PG Valuation and Central valuation 2005- 2008, Supply. Exam, Astd Coordinator ; UGC and CSIR NET examinations (2006-2009) :
- (VII) Member of Different Committees(Pt. RSU) : IX, X and XI Five years UGC plan, Youth Festivals, Affiliation Committees, Convocations, Selection Committees, Student Union etc.NAAC,IQAC and INSPIRE, Board of Studies
- (VIII) Executive Members (2004-2005) ; Indian Society for Surface Science and Technology, Member Editorial Board
- (IX) Organized 8th Chhattisgarh Young Scientist Congress, April 9-10, 2010, Pt. RS University, Raipur (**Organizing Secretary**).
- (X) Organized 47th Annual Convention of Chemists and International Conferences on Recent Advances in Chemical Sciences. Dec. 23-27, 2010, SOS in Chemistry, Pt. RS University, Raipur (**Organizing Secretary**).

(XI) Editor: Pt. Ravishankar Shukla University Journal (Science)

(XII) Co-ordinator DST INSPIRE Program, Pt. RS University, Raipur(upto Feb 2018)

17. **Delivered several lectures in national conferences, Academic Staff Colleges, National Science Days and Inspire Internship camps**

18. **Any Other : DIRECTOR , NATIONAL CENTRE FOR NATURAL RESOURCES , Pt. Ravishankar Shukla University, Raipur**

LIST OF PUBLICATIONS YEAR 1989 - 2018

1989

S.No.	TITLE	AUTHOR	JOURNAL	CITATION
1.	AN INVESTIGATION INTO THE MECHANISM OF ACID-CATALYSED HYDROLYSIS OF N-BENZYL BENZOHYDROXAMIC ACID.	K.K. GHOSH, S.G. TANDON	<i>BULL. CHEM. SOC., JAPAN,</i> 1989, 62, 1304-1307.	08
1991				
2.	KINETIC SOLVENT-ISOTOPE EFFECT ON ACID-CATALYSED HYDROLYSIS OF HYDROXAMIC ACIDS.	K.K. GHOSH, S.G. TANDON	<i>REACT. KINET. CATAL. LETTER.</i> 1991, 45, 79-84.	06
1992				
3.	KINETIC MODEL FOR ACID-CATALYSED	K.K. GHOSH,	<i>J. PHYS. ORG. CHEM.,</i>	18

	HYDROLYSIS OF BENZOHYDROXAMIC ACID.	K.K. KRISHNANI	1992, 5, 39-43.	
	1993			
4.	KINETIC AND MECHANISTIC STUDY OF ACID-CATALYSED HYDROLYSIS OF M-CL BENZOHYDROXAMIC ACID.	K.K.GHOSH, K. K. KRISHNANI, S.K. RAJPUT	<i>INDIAN J. CHEM.</i> , 1993, 32A, 139-142.	01
5.	MEDIUM EFFECTS IN THE ACID-CATALYSED HYDROLYSIS OF BENZOHYDROXAMIC ACID IN BINARY AQUEOUS MIXTURES.	K.K. GHOSH, K.K. KRISHNANI	<i>REACT. KINET. CATAL. LETTER</i> , 1993, 49, 403-409.	03
6.	KINETIC STUDY OF THE ACID-CATALYSED HYDROLYSIS OF 4-METHOXY- BENZOHYDROXAMIC ACID.	K.K.GHOSH, K. K. KRISHNANI, S.K. RAJPUT	<i>NEW J. CHEM.</i> 1993,17,363-365.	03
7.	SUBSTITUTENT EFFECT ON THE ACID-CATALYSED HYDROLYSIS OF N-PHENYLBENZOHYDROXAMIC ACID.	K.K. GHOSH, K.K. KRISHNANI	<i>J. CHEM RESEARCH</i> , 1993, 469 (S).	03
8.	KINETIC SOLVENT DEUTERIUM EFFECT ON HYDROLYSIS OF UNSUBSTITUTED HYDROXAMIC ACID.	K.K. GHOSH, K.K. KRISHNANI	<i>J. RAVISHANKAR UNIVERSITY</i> , 1993, 6B, 37-41.	-
	1994			
9.	KINETIC SALT EFFECTS ON THE ACID-CATALYSED HYDROLYSIS OF HYDROXAMIC ACIDS.	K.K. GHOSH, K.K. KRISHNANI	<i>J. RAVISHANKAR UNIVERSITY</i> , 1994, 7B, 1-8.	-

10.	MICELLAR EFFECTS UPON THE ACIDIC HYDROLYSIS OF PARA SUBSTITUTED N-PHENYLBENZOXYDROXAMIC ACID.	K.K. GHOSH, S.K. SAR	<i>INDIAN J. CHEMISTRY</i> , 1994, 33A, 51-54.	03
11.	ACID-CATALYSED HYDROLYSIS OF N-PHENYL-4-SUBSTITUTED-BENZOXYDROXAMIC ACIDS.	K. K. GHOSH, S. GHOSH	<i>J. ORG. CHEM.</i> , 1994, 59, 1369-1374	23
12.	KINETICS AND MECHANISM OF ALKALINE HYDROLYSIS OF HETEROCYCLIC HYDROXAMIC ACID.	K.K. GHOSH, S. GHOSH	<i>INDIAN J. CHEM.</i> 1994, 33B, 1066-1096.	-
13.	MICELLAR EFFECTS UPON THE ACID HYDROLYSIS OF N-P-CHLOROPHENYLBENZOXYDROXAMIC ACID	K.K. GHOSH, S.K. SAR	<i>J. INDIAN CHEM. SOC.</i> , 1994, 71,579-581.	03
1995				
14.	MEDIUM EFFECTS ON ALKALINE HYDROLYSIS OF N-PHENYLBENZOXYDROXAMIC ACID.	K.K. GHOSH, S. GHOSH	<i>J. INDIAN CHEM. SOC.</i> , 1995, 72, 19-23.	05
15.	KINETICS OF ALKALINE HYDROLYSIS OF N-PHENYLBENZOXYDROXAMIC ACID.	K.K. GHOSH, S. GHOSH	<i>J. INDIAN CHEM. SOC.</i> , 1995, 72, 603-607.	
16.	KINETIC STUDIES OF ALKALINE HYDROLYSIS OF N-PHENYLBENZOXYDROXAMIC ACID IN THE PRESENCE OF MICELLES.	K.K. GHOSH, S.K. SAR	<i>J. INDIAN CHEM. SOC.</i> , 1995, 72, 597-601.	04
17.	EXCESS ACIDITY ANALYSIS FOR THE ACIDIC HYDROLYSIS OF SOME PARA SUBSTITUTED N-BENZYL-BENZOXYDROXAMIC ACID.	K.K. GHOSH, S. GHOSH	<i>INDIAN J. CHEM.</i> , 1995, 34B, 315-319.	-
1996				
18.	PROTONATION STUDIES OF SOME N-SUBSTITUTED HYDROXAMIC ACIDS.	K.K. GHOSH, S. GHOSH	<i>J. INDIAN CHEM. SOC.</i> , 1996, 73, 79-81.	-

19.	MINERAL ACID CATALYSED HYDROLYSIS AND PROTONATION EQUILIBRIA OF SALICYLHYDROXAMIC ACID.	K. K. GHOSH, S. GHOSH, S.S. THAKUR	INDIAN J. CHEMISTRY, 1996, 35B, 121-126.	-
20.	MICELLAR CATALYSES IN THE ACIDIC HYDROLYSIS OF BENZOHYDROXAMIC ACID.	K.K. GHOSH, S. ROY	J. SURF. SCI. & TECHNOL, 1996, 10, 41-46.	-
21.	MECHANISM OF OH ⁻ PROMOTED HYDROLYSIS OF ACETOHYDROXAMIC ACID.	K. K. GHOSH, S.S. THAKUR	INDIAN J. CHEMISTRY, 1996, 35B, 798-802.	04
22.	KINETIC AND SPECTROSCOPIC STUDIES OF SUBSTITUTED N-BENZYL BENZOHYDROXAMIC ACIDS.	K.K.GHOSH, S.K. RAJPUT, S. GHOSH	J. INDIAN CHEM. SOC., 1996, 73, 540-541	01
23.	KINETICS AND MECHANISM OF MINERAL ACID CATALYSED HYDROLYSIS OF N-METHYLBENZOHYDROXAMIC ACIDS.	K.K.GHOSH, S.K. RAJPUT, S. K. SAR	J. INDIAN CHEM. SOC., 1996, 73, 684-686.	02
24.	MICELLAR RATE EFFECTS ON ALKALINE HYDROLYSIS OF HYDROXAMIC ACIDS.	K.K. GHOSH, S. ROY	BULL. CHEM. SOC., JAPAN, 1996, 69, 3417-3422.	07
25.	MICELLAR HYDROLYSIS OF HYDROXAMIC ACID IN CATIONIC SURFACTANTS.	K.K. GHOSH, S. ROY	PROCEED OF NATIONAL CONFERENCE ON COLLOIDS AND EMULSIONS OF NATURAL AND SYNTHETIC SYSTEM (FEB. 2-4), 1996, P.21, TRIPURA.	-
1997				
26.	EFFECT OF MICELLES ON ACIDIC HYDROLYSIS OF N-PHENYLBENZOHYDROXAMIC ACID.	K.K.GHOSH, S. K. SAR	REACTION KINETICS & CATALYSIS LETTER., 1997, 61, 193-199.	01
27.	BRONSTED ACID CATALYSED HYDROLYSIS OF N-P-CHLOROPHENYL BENZOHYDROXAMIC ACID.	K.K.GHOSH, S. K. SAR	J. INDIAN CHEM. SOC., 1997, 74, 187-189.	03

28.	SPECTROPHOTOMETRIC DETERMINATION OF VANADIUM (V) AS COMPLEX WITH PBHA IN THE NON-IONIC MICELLAR MEDIA	K.K.GHOSH, S. K. SAR, M. K. DEB	<i>J. INDIAN CHEM. SOC.</i> , 1997, 74, 662-663.	-
29.	SUBSTITUENT EFFECTS IN THE MICELLAR HYDROLYSIS OF N-PHENYLBENZO- HYDROXAMIC ACID UNDER ACIDIC CONDITIONS.	K.K. GHOSH, S. ROY	<i>INDIAN J. CHEMISTRY</i> , 1997, 36B, 324-329.	05
30.	KINETIC AND MECHNAISTIC ASPECTS OF ACID HYDROLYSIS OF HYDROXAMIC ACIDS. (REVIEW ARTICLE)	K.K. GHOSH	<i>INDIAN J. CHEMISTRY</i> , 1997, 36B, 1089-1102.	27
1998				
31.	EFFECT OF CATIONIC AND NON-IONIC SURFACTANTS UPON THE ACIDIC HYDROLYSIS OF N-BENZYL BENZOHYDROXAMIC ACID.	K.K.GHOSH, S. K. SAR	<i>J. INDIAN CHEM. SOC.</i> , 1998, 75, 39-41.	09
32.	THERMODYNAMICS OF MICELLE FORMATION OF SOME CATIONIC SURFACTANTS AS A FUNCTION OF TEMPERATURE AND SOLVENT.	K.K. GHOSH, S. ROY	<i>INDIAN J. CHEMISTRY</i> , 1998, 37B, 875-880.	09
33.	MICELLAR MEDIATED ACID HYDROLYSIS OF N-P-TOLYL BENZOHYDROXAMIC ACID.	K.K. GHOSH, A. PANDEY	<i>INDIAN J. CHEMISTRY</i> , 1998, 37A, 871-876.	03
34.	KINETICS OF ALKALINE HYDROLYSIS OF N-P-TOLYCINAMOXYDROXAMIC ACID.	K. K. GHOSH, S.S. THAKUR	<i>INDIAN J. CHEMISTRY</i> , 1998, 37A, 1016-1019.	01
1999				
35.	KINETICS AND MECHANISM OF ALKALINE HYDROLYSIS OF HYDROXAMIC ACIDS.	K. K. GHOSH, S.S. THAKUR	<i>J. INDIAN CHEM. SOC.</i> , 1999, 76, 28-30.	02
36.	KINETICS OF ALKALINE HYDROLYSIS OF HYDROXAMIC ACID IN MIXED MICELLES	K.K. GHOSH, A. PANDEY	<i>J. INDIAN CHEM. SOC.</i> , 1999, 76, 191-194.	03

	OF BINARY SURFACTANT SYSTEMS.			
37.	KINETIC SOLVENT EFFECT ON THE HYDROLYSIS OF THE N-BENZYL BENZOHYDROXAMIC ACID IN SOME BINARY AQUEOUS SOLVENT MIXTURES.	K.K.GHOSH	<i>J. MOL. LIQUIDS</i> 1999, 81, 135-145.	03
38.	PROTONATION EQUILIBRIUM OF 4-SUBSTITUTED BENZOHYDROXAMIC ACIDS IN MINERAL ACIDS.	K.K.GHOSH, P. TAMRAKAR, S.K. RAJPUT	<i>J. ORG. CHEM.</i> 1999, 64, 3053-3059	10
39.	EFFECTS OF REACTIVE AND NON-REACTIVE COUNTERION SURFACTANTS UPON ACID HYDROLYSIS OF HYDROXAMIC ACID.	K.K. GHOSH, A. PANDEY, S. ROY	<i>J. PHYS ORG. CHEM.</i> 1999,12, 493-498	07
40.	METAL COMPLEXATION AND DNA-CLEAVAGE ACTIVITIES OF N-SUBSTITUTED HYDROXAMIC ACIDS.	K.K. GHOSH, P. TAMRAKAR, V. R. JADHAV	<i>INDIAN J. OF CHEM.,</i> 1999, 38A, 712-715.	01
41.	EFFECT OF SOLVENTS ON THE KINETICS AND MECHANISM OF THE ACIDIC AND ALKALINE	K.K.GHOSH, K.K. KRISHNANI S. GHOSH	<i>INDIAN J. OF CHEM.,</i> 1999, 38B, 337-342.	01
42.	KINETIC EFFECTS OF SURFACTANT/POLYMER MIXTURES UPON ACIDIC HYDROLYSIS OF HYDROXAMIC ACIDS.	K.K. GHOSH A. PANDEY	<i>J. DISPERSION SCI. TECHNOL</i> 1999, 20, 1635-1646.	02
43.	SPECTROPHOTOMETRIC DETERMINATION OF ARSENIC, ANTIMONY AND BISMUTH WITH IODIDE AND TX-100 IN TANK AND INDUSTRIAL IODIDE AND TX-100 IN TANK AND INDUSTRIAL	S. ROY, M. K. DEB, K. K. GHOSH	<i>INDIAN J. ENVIRONMENTAL PROTECTION</i> 1999, 19, 822-827.	01

44.	MICELLAR KINETICS OF HYDROLYSIS OF HYDROXAMIC ACIDS IN ZWITTERIONIC SULFOBETAINE SURFACTANTS.	K.K. GHOSH, A. PANDEY, S. ROY	<i>COLLOID SURF. A:PHYSICOCHEM. ENG. ASPECTS</i> 2000, 163, 293-300.	17
45.	ACIDIC HYDROLYSIS OF HYDROXAMIC ACIDS IN MIXED CATIONIC-CATIONIC, CATIONIC-NONIONIC AND ANIONIC-NONIONIC MICELLES	K.K. GHOSH, A. PANDEY	<i>INDIAN J. CHEM. SECT. "B"</i> 2000, 39B, 509-516.	02
2001				
46.	PROTONATION STUDY OF CYCLIC HYDROXAMIC ACID.	K.K. GHOSH, P. TAMRAKAR	<i>INDIAN J. CHEM.</i> 2001, 40A, 524-527.	01
47.	CHEMICAL REACTIVITY OF DESFERRIOXAMINE MESYLATE MODULATED BY MICELLAR SOLUTIONS.	K.K. GHOSH, L. K. TIWARY	<i>INDIAN J. CHEM.</i> 2001, 40A, 74-78.	02
48.	SOLVATOCHROMIC PARAMETERS AND LINEAR SOLVATION ENERGY RELATIONSHIPS FOR HYDROLYSIS OF HYDROXAMIC ACID.	K.K. GHOSH, P. TAMRAKAR, S.S. THAKUR	<i>INDIAN J. CHEM.</i> 2001, 40A, 340-344.	03
49.	KINETICS AND MECHANISM OF THE HYDROLYSIS OF HYDROXAMATE SIDEROPHORE	K.K. GHOSH, S.S. THAKUR	<i>J. OF INDIAN CHEMICAL SOCIETY.</i> 2001, 78, 185-188.	03
50.	MICROEMULSIONS AS REACTION MEDIA FOR A HYDROLYSIS REACTION.	K. K. GHOSH, L.K. TIWARY	<i>J. DISPERSION SCI. TECHNOL.</i> 2001, 22, 343-348.	19
51.	EFFECT OF CATIONIC SURFACTANTS ON THE ALKALINE HYDROLYSIS OF DESFERAL.	K. K. GHOSH, L.K. TIWARY	<i>J. SURF. SCI. TECHNOL.</i> 2001, 17, 109-115.	-

2002

52.	AN EXTREMELY HIGH INSULIN-MIMETIC ACTIVITY OF BIS (1,4-DIHYDRO-2-METHYL-1-PHENYL-4- THIOXO-3-PYRIDINOLATO) ZINC (II) COMPLEX.	A. KATOH, T. TSUKAHARA, R. SAITO, K. K. GHOSH, Y. YOSHIKAWA, Y. KOJIMA, A. TAMURA, H. SAKURAI	<i>CHEMISTRY LETTERS</i> , 2002, 114-115.	23
53.	MICROBIAL GROWTH-PROMOTION ACTIVITY OF 3- HYDROXYMONOAZINE AND N-HYDROXYDIAZINE TYPE HETEROCYCLES	R. SAITO, K.K. GHOSH K.HARADA, A. KATOH	<i>YAKUGAKU ZASSHI (PHARMACEUTICAL SOCIETY OF JAPAN)</i> , 2002, 122, 703-705.	03
54.	KINETIC SOLVENT EFFECTS ON REACTION RATES FOR THE ACIDIC HYDROLYSIS OF DIHYDROXAMIC-ACID.	K.K. GHOSH, S.K. PATLE	<i>INDIAN J. CHEM.</i> 2002, 41A, 758-762.	03
55.	BASE-CATALYSED REACTION OF ACETOHYDROXAMIC ACID IN MICELLAR MEDIA CONTAINING β -CYCLODEXTRIN.	K. K. GHOSH, P.SHARMA	<i>J. INDIAN CHEMICAL SOCIETY</i> , 2002, 79, 895-897.	03
56.	CYCLODEXTRIN-SURFACTANT MEDIATED REACTIONS	K.K. GHOSH, P.SHARMA	<i>J. SURF. SCI. TECHNOL.</i> , 2002, 18, 93-99.	03

2003

57.	INFLUENCE OF SODIUM BIS (2 ETHYL-1-HEXYL) SULFOSUCCINATE/ ISOCTANE/ WATER MICROEMULSIONS ON THE HYDROLYSIS OF SALICYLHYDROXAMIC ACID.	K.K. GHOSH, L.K. TIWARY	<i>JOURNAL MOL. LIQUIDS</i> , 2003, 102, 183-195.	08
58.	A COMPARISON BETWEEN THE ACID CATALYSED REACTIONS OF SOME DIHYDROXAMIC ACIDS, MONOHYDROXAMIC ACIDS AND	K.K. GHOSH, S.K.PATLE, P. SHARMA, S.K. RAJPUT	<i>BULL, CHEM. SOC. JAPAN</i> , 2003, 76, 283-290.	12

	DESFERAL.			
59.	SPECTROPHOTOMETRIC DETERMINATION OF PROTONATION CONSTANT OF N-PHENYLBENZOHYDROXAMIC ACID IN MINERAL ACIDS.	K.K. GHOSH, P.TAMRAKAR	<i>INDIAN J. CHEMISTRY</i> , 2003,42A,1081-1085.	-
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