

Curriculum Vitae



Name: Dr. Kanti Ranjan Nath Bhowmik

PERSONAL INFORMATION:

Name: Dr. K. R. Nath Bhowmik
Phone Number's : 9856177712/ 7005711456
E-mail's : kantinathbhowmik@gmail.com,
Academic Qualifications : M.Sc., Ph.D.
Present Designation/position : Asst. Professor,
Department of Chemistry

Area of Research: Inorganic Synthesis, Characterization, Structural Elucidation and Reactivity Studies. :

Dr. K. R. Nath Bhowmik has joined in the Department of Chemistry, K. N. Mahavidyalaya, Sonamura on 7th February, 2009. He obtained his M.Sc. and Ph. D from Tripura University in 1996 and 2013 respectively. Before joining in K. N. Mahavidyalaya, he has worked as Asstt. Professor at D.D.M. College under Higher Education Department, Govt. of Tripura from 21st April, 2008 to 6th February, 2009. He has worked as a post graduate Teacher at Muhuripur H. S. School under School Education Department, Govt. of Tripura from January, 1997 to April, 2008. He has carried out his Ph.D work in the field of Inorganic Chemistry under the supervision of Prof. R. N. Dutta Purkayastha at Dept. of Chemistry, Tripura University.

ATTENDED ORIENTATION/ REFRESHER TRAINING/ PH.D.COURSE WORK:

1. UGC Sponsored Orientation Programme for College and University Teachers from 22/11/2010 to 20/12/2010 at UGC-Academic Staff College, Jadavpur University.
2. Refresher course on "Thin films and Nanoscience" 4 - 18 May, 2015, Organized by: Indian Academy of Sciences, Bangalore; Indian National Science Academy, New Delhi; The National Academy of Sciences, Allahabad, Dept. of Physics, Tripura University.

PUBLICATION DETAILS:

1. Synthesis, Spectral Characterization and Reactivity Study of New Schiff base Complexes of Divalent Manganese, Copper and Zinc

A.K.De, D.Deb, **K.R.Nath Bhowmik** and R.N.Dutta Purkayastha **J. Ind. Chem. Soc., 2009, 86, 76**

2. "Structure of aqua bis (2,2' bipyridyl-N,N') (bithiosulfato-O) manganese(I) monohydrate",

Subhadip Roy, Pranajit Paul, Dipankar Dey, R.N.Dutta Purkayastha*, **K.R.Nath Bhowmik**, Louise Male Private Communication to **Cambridge Structural database (1078), 2010**

3. "Structure of bis(2-chlorobenzoato-kO) bis(1,10-phenanthroline-k2 N,N') manganese(II) heptahydrate",

Subhadip Roy, Pranajit Paul, Dipankar Dey, R.N.Dutta Purkayastha*, **K. R. Nath Bhowmik**, Louise Male. Private Communication to **Cambridge Structural database(1078), 2010**

4. Fluoride Assisted Stabilization of Manganese(III) in Aqueous Medium. Synthesis and Spectral Characterization of New Mixed-Ligand Fluoromanganate(III), Containing Hydroxy-Carboxylic Acids as ancillary Ligands

Arjun kr.De, **Kanti Ranjan Nath Bhowmik**, Pranajit Paul, Subhadip Roy and R.N.Dutta Purkayastha. **J. Ind. Chem .Soc, 2011,88,1423.**

5. Stabilization of Manganese (III) in aqueous medium. Synthesis, and Spectral Characterization of New mixed-ligand fluromanganate(III) containing Dicarboxylic and hydroxy -carboxylic acids as co-ligands.

Kanti Ranjan Nath Bhowmik, Arjun Kr. Dey and R.N.Dutta Purkayastha **J. Ind.Chem.Soc , 2012, 89, 117.**

6. Syntheses, Characterization and Structures of Polynuclear Tartrato and Malato Complexes of Bivalent Manganese

Kanti Ranjan Natha Bhowmik, Pranajit Paul, Subhadip Roy, Arjun De, Dibakar Deb and Ranendra N Dutta Purkayastha* , **Synth.Rect.Inorg.Metal-Org.and Nano met.Chem., 2014,44,634.**

7. Synthesis, Structural features, Antibacterial behaviour and Theoretical investigation of two new Manganese(III) Schiff base Complexes

Pranajit Paul, Kanti R. N. Bhowmik, Subhadip Roy, Dibakar Deb, Nandita Das, Maitri Bhattacharjee, R.N.Dutta Purkayastha, Louise Male, Vickie Mckee, Raghavaiah Pallepogu, Debasis Maiti, Antonio Bauza, Antonio Fontera, Alexander M. Kirillov.

Polyhedron, 2018, 151,407.

INTERNATIONAL/NATIONAL/STATE SEMINAR/WORKSHOP ATTENDED AND PRESENTED PAPER:

1. National Seminar on 'Recent Advances in Natural Products Chemistry for Drug Discovery' held on: 28th —29th, November, 2015. Organized by N.S. Mahavidyalaya, Gomati Tripura
2. Fifteenth National conference on Surfactants, Emulsions and Biocolloids, 27-29th December, 2011, Organized by Department of Chemistry, Tripura University, Suryamaninagar , Tripura – 799 022.
3. One Day Seminar on Recent Developments in Computer Aided Drug Design, 13th June, 2011, Organized by Department of Chemistry, M.B.B. College, Agartala.
4. International Conference on "Emerging Areas of Chemistry", 12-14th January, 2011, Organized by the Department of Chemistry, Tripura University.
5. State Level Seminar on Frontier Areas of Chemistry, 3rd September, 2010, Organized jointly by Department of Chemistry, Tripura University, Tripura Chemical Society, Agartala and State Council of Science & Technology, Govt. of Tripura.
6. National Seminar on Scope and Recent Development of Natural Products 12 – 13th November, 2010, Organised by Iswarchandra Vidyasagar College, Belonia, Tripura – 799 302.
7. International Seminar on " Patriarchy and Gender in Colonial and Post Colonial South Asia", 16-17 January, 2015, organised by Kabi Nazrul Mahavidyalaya, Sonamura, Sepahijala, Tripura.
8. National Seminar on "Identities in North East India with special reference to Tripura", 17-18 July, 2010, organised by Kabi Nazrul Mahavidyalaya, Sonamura, Sepahijala, Tripura.
9. State Level Seminar on "Right to Development: Issues and Challenges in North –East India" , 20-21 September, 2011, organised by Kabi Nazrul Mahavidyalaya, Sonamura, Sepahijala, Tripura.
10. Workshop on " Development of the Deprived Groups with Special Reference to Women", 15th March, 2014, organised by Kabi Nazrul Mahavidyalaya, Sonamura, Sepahijala, Tripura.

Books/ Chapter:

Chapter-16 in "Natural Products' Chemistry" published by Write and Print Publications, New Delhi-110015, 2017, ISBN: 978-93-86283-54-2.

Teaching Topics of interest

Atomic Structures, Periodic Properties, Chemical Bonding, Redox Reactions, Nuclear Chemistry, Coordination Chemistry, Transition and Non-transition metal Chemistry and Magneto Chemistry.