

Personal Profile

Name	Dr. Saugata Sain	Photo
Designation	Associate Professor	
Date of birth	22-06-1974	
Educational qualification	M.Sc., Ph.D.	
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Contact number	9434313501	
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Date of joining this institution	01-08-2003	
Past services	-	
Areas of teaching	Inorganic Chemistry, Analytical Chemistry, Organic Chemistry, Bioinorganic Chemistry and Green Chemistry	
Vidwan Portal ID	saugata@bankurachristiancollege.in	
ORCID ID	-	
Google Scholar ID	-	
Research Gate ID	-	

Faculty Development Programme

Sl No	Courses	Sponsoring Agency	Institutions	Date
1	Orientation Programme	UGC	Academic Staff College, The University of Burdwan	11.02.2006-10.03.2006
2	Refresher Course in Chemistry	UGC	Academic Staff College, The University of Burdwan	28.08.2010-17.09.2010
3	Refresher Course in Environmental Sciences	UGC	Academic Staff College, The University of Burdwan	15.10.2011-04.11.2011
4	Refresher Course in Biological Science	UGC	Human Resource Development Centre, The University of Burdwan	23.09.2015-13.10.2015
5	Short Term Course on Remote Sensing and GIS	UGC	Human Resource Development Centre, The University of Burdwan	29.12.2015-04.01.2016

Research Journal Publication (National and International)

International:

1. Regular Solution Theory and its Application: A Preliminary review [**Saugata Sain**: corresponding author, single co-author: Roshni Sarkar (Sain)] International Journal of Basic and Applied Sciences, Vol.5, No. 3, 2016, Pp: 76-82.
2. Highlights on Magneto-structural Correlations and Crystal Engineering: A Blessing of Modern Coordination Chemistry: A Review (**Saugata Sain**: single and corresponding Author) International Journal of Basic and Applied Sciences, Vol.5, No. 3, 2016, Pp: 55-63.
3. Synthesis, crystal structure and magnetic properties of nickel (II) and cobalt (III) complexes of a pentadentate Schiff base
Manas Layek, Mahendra Ghosh, **Saugata Sain**, Michel Fleck, Packianathan Thomas Muthiah, Samson Jegan Jennifer, Joan Ribas and Debasis Bandyopadhyay. Journal of Molecular Structure, 2013, 1036,422.
4. Synthesis and crystal structure of three new copper (II) complexes with a tridentate amine and its Schiff bases
Saugata Sain, Rajat Saha, Golam Mostafa, Michel Fleck and Debasis Bandyopadhyay. Polyhedron, 2012, 31, 82
5. Synthesis, crystal structure and characterization of a new mixed ligand cationic-anionic nickel

(II) complex containing 1,4-diazepane
Saugata Sain, Rajat Saha, Guillaume Pilet and Debasis Bandyopadhyay.
Journal of Molecular Structure, 2010,984,350.

6. Polymeric networks of copper (II) using succinate and aromatic N-N donor ligands: synthesis, crystal structure and magnetic behavior and the effect of weak interactions on their crystal packing

Debajyoti Ghoshal, Tapas Kumar Maji, Golam Mostafa, **Saugata Sain**, Tian-Huey Lu, Joan Ribas, Ennio Zangrando, Nirmalendu Ray, Chaudhuri J. Chem. Soc., Dalton Transactions, 2004,1687.

7. Three new thiocyanato-bridged complexes of cadmium (II): syntheses, X-ray crystal structures and thermal properties

Saugata Sain, TapasKumar Maji, Golam Mostafa, Tian-Huey Lu and Nirmalendu Ray Chaudhuri. J.Coord.Chem. 2003, 1157.

8. Two new supramolecular malonato complexes of manganese (II): synthesis, crystal structure and magnetic property

Saugata Sain, TapasKumar Maji, Golam Mostafa, Tian-Huey Lu and Nirmalendu Ray Chaudhuri. Inorg.Chim.Acta. 2003, 351, 12.

9. Magneto structural correlations of a 'stepped-wise' discrete tetranuclear unit of copper (II), $[\text{Cu}_4(\mu_2\text{-OH})_2(\mu_3\text{-OH})_2(2,2'\text{-bipy})_4\text{Cl}_2]\text{Cl}_2 \cdot 6\text{H}_2\text{O}$

Saugata Sain, TapasKumar Maji, Golam Mostafa, Tian-Huey Lu, Joan Ribas, Xavier Tercero and Nirmalendu Ray Chaudhuri. Polyhedron, 2003, 22,625.

10. A novel layered and pillared topology in a 3D open framework: synthesis, crystal structure and magnetic properties

Saugata Sain, TapasKumar Maji, Golam Mostafa, Tian-Huey Lu and Nirmalendu Ray Chaudhuri. New.J.Chem. 2003, 27,185.

11. Magneto-Structural Correlations in 2D and 3D Extended Structures of Manganese (II) – Malonate Systems

TapasKumar Maji, **Saugata Sain**, Golam Mostafa, Tian-Huey Lu, Joan Ribas, Montserrat Monfort and Nirmalendu Ray Chaudhuri. Inorg.Chem. 2003, 42,709.

12. Self assembly towards the construction of molecular ladder and rectangular grid of cadmium (II) – selenocyanate

Saugata Sain, TapasKumar Maji, Golam Mostafa, Tian-Huey Lu, Michael Y. Chiang and Nirmalendu Ray Chaudhuri. Polyhedron, 2002, 21, 2293.

13. Exchange interactions in a one dimensional bromo-bridged copper (II) compound with a ladder-like structure
Saugata Sain, Tapas Kumar Maji, Debasis Das, Jack Cheng, Tian-Huey Lu, Joan Ribas, M. Salah El Fallah and Nirmalendu Ray Chaudhuri.
J. Chem. Soc., Dalton Transactions, 2002, 1302.
14. Construction of three-dimensional supramolecular network of manganese (II) with an encapsulated croconate dianion
Saugata Sain, Tapas Kumar Maji, Ennio Zangrando and Nirmalendu Ray Chaudhuri.
Transition Met.Chem. 2002, 27,716.
15. Thermal studies of copper (II) squarate complexes of diamines in the solid state
Tapas Kumar Maji, Debasis Das, **Saugata Sain**, and Nirmalendu Ray Chaudhuri.
J. Thermal.Anal.Cal. 2002, 68, 319.
16. Construction of a 3D array of cadmium (II) using squarate as a building block
Tapas Kumar Maji, Golam Mostafa, **Saugata Sain**, J. Shashidhara Prasad and Nirmalendu Ray Chaudhuri.
Cryst Eng Comm. 2001,37,1.
17. Synthesis and crystal structure of selenocyanato bridged two-dimensional supramolecular coordination compounds of cadmium (II)
Tapas Kumar Maji, **Saugata Sain**, Golam Mostafa, Debasis Das, Tian-Huey Lu and Nirmalendu Ray Chaudhuri. J. Chem. Soc.,Dalton Transactions, 2001, 3149.

National: NIL

Books / Book Chapters / Monographs

NIL

Popular Articles

NIL

Paper Presentation/ Participation: Conferences/Seminars /Symposia /Workshops

Paper/Seminars/Conferences/workshop	Sponsoring Agency	Institutions	Date
1st Regional Science & Technology Congress-2016(Bardhaman Division) [Presented paper on the topic “Synthesis and Structural Characterization of Molecular Ladder-Rectangular Grid in Cadmium(II)-Selenocyanate System”]	Department of Science & Technology, Govt. of West Bengal	Bankura Christian College	07.11.2016-08.11.2016
UGC Sponsored National Seminar on “Chemistry on Its Way : Impacts on the Environment (Presented paper on the topic “Synthesis, crystal structure and characterization of a new mixed ligand cationic-anionic nickel(II) complex containing 1.4-diazepane”	UGC	Department of Chemistry, Saldiha College, Saldiha, Bankura	01.09.2016-02.09.2016
UGC-CPE Sponsored Eight Day Workshop on “Computer Operation”	UGC-CPE	Bankura Christian College	26.11.2015 – 03.12.2015
State Level One Day Seminar on Recent Trends in Chemical Sciences	UGC	Bankura Sammilani College	16.07.2015
One –Day Seminar on “Modern Library in the Perspective of NAAC”	Library, Bankura Christian College in collaboration with IQAC, Bankura Christian College	Bankura Christian College	03.03.2015
Special Camping Programme	NSS, Bankura Christian College	Bankura Christian College/ Junbedia G.P.	16.12.2014-22.12.2014
Modern Trend in Chemical Sciences	Chemical Society, Department of Chemistry, Bankura	Bankura Christian College	17.12.2014

Paper/Seminars/Conferences/workshop	Sponsoring Agency	Institutions	Date
	Christian College		
One day Workshop-cum- Seminar on “Quality Enhancement and preparation of Self-Study report”	IQAC, Bankura Christian College	Bankura Christian College	28.11.2014
One day Workshop-cum- Seminar on “Career Advancement Scheme”	IQAC, Bankura Christian College	Bankura Christian College	30.08.2014
Adventure Camp	Mins. Of Yotuh Affairs & Sports, Govt of India	Bankura Christian College	26.07.2014-01.08.2014
National seminar on “Recent Trends in Chemical Science	UGC	Department of Chemistry, Bankura Christian College	18.11.2011-19.11.2011

Research Projects

Name of the Research Project: Synthesis, characterization and molecular properties of polymeric inorganic-organic hybrid networks

- Funded by: UGC
- Amount sanctioned: Rs.1,57,000

Memo No. and Date: PSW-001/10-11 (ERO) dated 20.10.2010

- Date of Completion: 30.04.2012

Research Guidance -NIL

- Name of the candidate:

- Registration No:
- Date of Registration: dd/mm/yy
- Area of Research: Title
- Awarded/Ongoing:

Award/Recognition/Member of Board of studies/Academic Activities – NIL

Community Work/Social Activity – NIL

Any other- NIL