

TEACHER PROFILE

**Kabi Nazrul College
Murarai:: Birbhum**

(A) Brief personal introduction:

Name: **Dr. Habibar Chowdhury**

Designation: *Assistant Professor (Stage 3) in Chemistry*

Date of Joining: **06.04.2010**

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(B) Academic qualifications:

- (i) Bachelor Degree: B.Sc. (Hons) in Chemistry, 1998, 1st Class, The University of Burdwan, Burdwan 713104, West Bengal.
- (ii) Master Degree: M.Sc. in Chemistry (Inorganic special), 2000, 1st Class, Department of Chemistry, The University of Burdwan, Burdwan 713104, West Bengal.
- (iii) NET: CSIR-NET in Chemical Sciences, 2000.
- (iv) Ph. D: (a) Subject: Inorganic and coordination chemistry
(b) Title of Thesis: *“Synthesis, structure and properties of some inorganic-organic hybrid materials with pseudohalide/organic intermediaries, multidentate N-donor blockers and 3d/4d metal templates”*
(c) University/ Institution: The University of Burdwan, Burdwan 713104, West Bengal
(d) Date of Award: 10.01.2008
(e) Thesis Supervisor: Prof. B. K. Ghosh, Department of Chemistry, The University of Burdwan, Burdwan 713104, West Bengal.

(C) Specialization/ Field of Interest:

Inorganic and coordination chemistry of transition/non-transition metal complexes: design and synthesis, spectra, magnetism, redox behaviour, structure, and structure-property relationship of coordination molecules and supramolecular entities.

ORCID iD: 0000-0002-8596-1462; Scopus Author ID: 7003499867

(D) Other Teaching/administrative experiences:

- (i) Guest Lecturer, P.G. Course, Department of Chemistry, Vivekananda Mahavidyalaya, Burdwan (2012-2018).
- (ii) Guest Lecturer, P.G. Course (ENVS), RBU Distance Education in Kabi Nazrul College Study Centre (27) for Session 2012-2015.
- (iii) Coordinator, P.G. Course (ENVS), RBU Distance Education in Kabi Nazrul College Study Centre (27) for Session 2014-2015.
- (iv) Member of Governing Body, Kabi Nazrul College (Teachers' Representative) and Convener, Finance Sub-Committee for 2016-2020.
- (v) Member of Governing Body, T. H. L. H. Mahavidyalaya, Mollarpur, Birbhum (University Nominee) for 2016-2019.
- (vi) Member of Governing Body, Kabi Nazrul College (Teachers' Representative) and Convener, Finance Sub-Committee for 2021-till date.
- (vii) Member of Governing Body, Hiralal Bhakat College, Nalhati, Mollarpur, Birbhum (University Nominee) for 2021-till date.

(D) Publications:

(i) Research Articles:

Sl. No.	Title of Paper/Article	Name of authors	Name of Journal/Magazine	Page, Vol & Date	ISSN/IBSN no
1.	Synthesis, characterisation and redox behaviour of mixed ligand complexes of osmium(II/III/IV)	H. Chowdhury , D. Bose, S. H Rahaman, B. K. Ghosh*	<i>Indian Journal of Chemistry</i>	2772-2777, 42A , 2003	ISSN:0975-0975(online) ISSN:0975-4710(print)
2.	Synthesis, characterisation and redox behaviour of mixed ligand complexes of osmium(II/III/IV)-phosphines	H. Chowdhury , J. Banerjee, S. H Rahaman, D. Bose, B. K. Ghosh*	<i>Indian Journal of Chemistry</i>	1112-1118, 43A , 2004	ISSN:0975-0975(online) ISSN:0975-4710(print)
3.	Heteroleptic tris-complexes of ruthenium(II/III) containing one bidentate Schiff base: Synthesis, characterisation and link-up of oxidation levels	H. Chowdhury , D. Bose, R. Ghosh, S. H. Rahaman, B. K. Ghosh*	<i>Indian Journal of Chemistry</i>	1239-1244, 43A , 2004	ISSN:0975-0975(online) ISSN:0975-4710(print)
4.	Synthesis, structure and properties of [Co(L)(NO ₃)]ClO ₄ .2H ₂ O (L = tetradentate Schiff bases): Example of chelating nitrate	H. Chowdhury , S. H. Rahaman, R. Ghosh, T. -H. Lu, B. K. Ghosh*	<i>Indian Journal of Chemistry</i>	1565-1570, 44A , 2005	ISSN:0975-0975(online) ISSN:0975-4710(print)
5.	Synthesis, structure and properties of mononuclear cobalt(II) and cobalt(III)pseudohalide complexes containing N-donor Schiff bases: Synthetic control of metal oxidation levels	S. H. Rahaman, H. Chowdhury , D. Bose, R. Ghosh, C. -H. Hung, B. K. Ghosh*	<i>Polyhedron</i>	1755-1763, 24 , 2005	ISSN:0277-5387
6.	Two-dimensional hydrogen bonded sheet structures in nickel(II)- and zinc(II)-2,2'-dipyridylamine-azido complexes	S. H. Rahaman, D. Bose, H. Chowdhury , G. Mostafa, H. -K. Fun, B. K. Ghosh*	<i>Polyhedron</i>	1837-1844, 24 , 2005	ISSN:0277-5387
7.	Synthesis, structure and luminescence behaviour of complexes of type [Cd(dpa) ₂ X ₂] (dpa = 2,2'-dipyridylamine; X = N ₃ ⁻ , NCS ⁻ , NCO ⁻)	H. Chowdhury , R. Ghosh, S. H. Rahaman, G. M. Rosair, B. K. Ghosh*	<i>Indian Journal of Chemistry</i>	687-692, 44A , 2005	ISSN:0975-0975(online) ISSN:0975-4710(print)
8.	1D polymeric chain of copper(II) containing imidazolite and perchlorate bridging: Supramolecular synthon involving N-H...O hydrogen bonding	S. H. Rahaman, H. Chowdhury , D. Bose, G. Mostafa, H. -K. Fun, B. K. Ghosh*	<i>Inorganic Chemistry Coummnications</i>	1041-1044, 8 , 2005	ISSN:0277-5387
9.	Hydrogen bond and π...π interaction based 3D supramolecular architecture of chiral cobalt(III)azido tridentate chelating Schiff base	S. H. Rahaman, H. Chowdhury , H. L. Milton, A. M. Z. Slawin, J. D. Woollins, B. K. Ghosh*	<i>Inorganic Chemistry Coummnications</i>	1031-1035, 8 , 2005	ISSN:0277-5387
10.	Ferromagnetic mixed tribridged dinuclear copper(II) complex [Cu ₂ (OAc) ₂ (OH)(dpa) ₂]PF ₆ .H ₂ O (dpa = 2,2'-dipyridylamine): 3D superstructure based on hydrogen bond and π...π interaction	H. Chowdhury , S. H. Rahaman, R. Ghosh, S. K. Sarkar, M. Corbella, B. K. Ghosh*	<i>Inorganic Chemistry Coummnications</i>	1276-1280, 9 , 2006	ISSN:0277-5387

11.	Study on the coordination behaviour of bidentate Schiff bases towards zinc(II) pseudohalides: X-ray structure of [Zn(pbba) ₂ (N ₃) ₂] (pbba = N-((pyridin-2-yl)benzylidene)benzylamine)	H. Chowdhury , J. Banerjee, R. Ghosh, S. H. Rahaman, H. -K. Fun, B. K. Ghosh*	<i>Inorganic Chemistry – An Indian Journal</i>	39-46, 1(3) , 2006	ISSN:0974-746X
12.	Synthesis and characterization of copper(II)-bis(pyridin-2-carbonyl)amine (pyca)-pseudohalide complexes: 2D superstructure formation through C-H...O hydrogen bond and π ... π interaction in [Cu(pyca)Cl(NCO)]	H. Chowdhury , S. H. Rahaman, R. Ghosh, S. K. Sarkar, H. -K. Fun, B. K. Ghosh*	<i>Journal of Molecular Structure</i>	170-176, 826 , 2007	ISSN:0277-2860
13.	Synthesis, structure and luminescence behaviour of copper(II)cyanato complexes containing bidentate N-donor Schiff bases	H. Chowdhury , R. Ghosh, B. N. Sarkar, S. P. Banerjee, B. K. Ghosh*	<i>Indian Journal of Chemistry</i>	1393-1400, 46A , 2007	ISSN:0975-0975(online) ISSN:0975-4710(print)
14.	Syntheses, X-ray structures and properties of a dinuclear cadmium(II)azido and a polymeric cadmium(II)thiocyanato compounds containing bis(tridentate) congregators	H. Chowdhury , R. Ghosh, S. H. Rahaman, B. K. Ghosh*	<i>Polyhedron</i>	5023-5029, 26 , 2007	ISSN:0277-5387
15.	Synthesis and Characterization of Six Luminous Mononuclear Cobalt(II)pseudohalide Complexes containing Schiff Bases	H. Chowdhury *	<i>Knowledge of Research (Sec A: Physical Science)</i>	131-137, 2(3) , 2015	ISSN: 2394-4234
16.	Synthesis, molecular and crystalline architecture of a tetracoordinated dinuclear mercury(II) iodide complex containing a tetradentate Schiff base in <i>bis(didentate)</i> congregation fashion	D. Sutradhar, H. Chowdhury , S. Roy, B. K. Ghosh	<i>Journal of Indian Chemical Society</i>	1833-1838, 92 , 2015	ISSN:0019-4522
17.	A three-dimensional coordination polymer of cobalt(II)dicyanamide containing an <i>in situ</i> generated didentate Schiff base: Synthesis, structure and magnetic property	S. Koner, H. Chowdhury *, J. Ribas, B. K. Ghosh*,	<i>Journal of Indian Chemical Society</i>	1131-1138, 93 , 2016	ISSN:0019-4522
18.	Two new hexacoordinated coordination polymers of cadmium(II) containing bridging units only: Syntheses, structures and molecular properties	D. Sutradhar, H. Chowdhury *, S. Koner, S. Roy, B. K. Ghosh*	<i>Journal of Chemical Science</i>	1377-1384, 128 , 2016	ISSN: 0974-3626 (print) 0973-7103 (online)
19.	Synthesis, X-ray structure and molecular properties of a new cobalt(III) complex of the type [Co(L)(SCN) ₂]ClO ₄ [L = N,N'-(bis(pyridin-2-yl)benzylidene)-1,2-ethanediamine]	H. Chowdhury *, I. Paul	<i>Journal of Indian Chemical Society</i>	245-252, 94 , 2017	ISSN:0019-4522
20.	Synthesis and crystal structures of three new lead(II) isonicotinoyl-hydrazine derivatives: anion controlled nuclearity and	G. Mahmoudi, L. Dey, H. Chowdhury , A. Bauzá, B. K. Ghosh*, A. M. Kirillov, S. K. Seth, A. V. Gurbanov, A. Frontera	<i>Inorganica Chimica Acta</i>	192-205, 461 , 2017	ISSN: 0020-1693

	dimensionality				
21.	Two manganese(II) coordination polymers driven by (iso)nicotinoyl-hydrazone blocks and ancillary ligands: syntheses, structural features, and magnetic properties	G. Mahmoudi, H. Chowdhury , S. E. Lofland, B. K. Ghosh and A. M. Kirillov	<i>Journal of Coordination Chemistry</i>	1973-1983, 70 , 2017	ISSN: 0095-8972 (Print) 1029-0389 (Online)
22.	Syntheses, structures and properties of cadmium(II) pseudohalide complexes containing a bidentate Schiff base: Control of dimensionality by varying pseudohalides	D. Sutradhar, H. Chowdhury , S. Koner, N. C. Saha, B. K. Ghosh*	<i>Journal of Chemical Science</i>	1863-1871, 129 , 2017	ISSN: 0974-3626 (print) 0973-7103 (online)
23.	Syntheses, crystal structures and Hirshfeld surface analysis of a coordination polymer of Cu(II) chlorido and a tris-octahedral complex of Ni(II) containing isonicotinoylhydrazone blockers	G. Mahmoudi, H. Chowdhury , B. K. Ghosh, Samuel E Lofland, W. Maniukiewicz	<i>Journal of Molecular Structure</i>	368-374, 1160 , 2018	ISSN:0277-2860
24.	Syntheses, characterizations, molecular aggregates, crystalline architectures and luminescence behaviors of two halidomercury(II) compounds containing a bidentate (N,O) chelator: Variation in nuclearities and superstructures by varying halides	D. Sutradhar, H. Chowdhury , N. C. Saha* and B. K. Ghosh*	<i>Journal of Chemical Science</i>	130: 157, 2018	ISSN: 0974-3626 (print) 0973-7103 (online)
25.	Syntheses, crystal structures and luminescence behaviors of four neutral penta/hexacoordinate cadmium(II) compounds containing a tridentate Schiff base: Variation in coordination numbers, nuclearities, and dimensionalities by changing halides/pseudohalides	D. Sutradhar, H. Chowdhury , S. Banerjee, N. C. Saha and B. K. Ghosh*	<i>Inorganica Chimica Acta</i>	86-97, 485 , 2019	ISSN: 0020-1693
26.	Syntheses, structures and magnetic behaviors of 1D and 3D $\mu_{1,5}$ -dicyanamide bridged copper(II) coordination polymers containing a symmetrical 1,2-diammine as chelator	H. Chowdhury , A. Bienko, C. Rizzoli, C. Adhikary	<i>Polyhedron</i>	188 , 1146 93, 2020	ISSN:0277-5387
27.	A nitrate bridged one-dimensional copper(II) coordination polymer with a tridentate (NNO) Schiff-base: Synthesis, X-ray structure and catalytic efficacy	H. Chowdhury , R. Bera, C. Rizzoli, C. Adhikary	<i>Transition Metal Chemistry</i>	45 , 605-612, 2020	ISSN:1572-901X
28.	Double end-on azido derivative of a tridentate (NNO) Schiff base dimeric copper (II) complex: Synthesis, X-ray structure, magnetic property and catalytic effectiveness	H. Chowdhury , R. Bera, C. Rizzoli, D. Bienko, C. Adhikary	<i>Journal of Coordination Chemistry</i>	73 (20-22) , 3062-3078, 2020.	ISSN:0095-8972
29.	Zinc(II) complexes derived from 2-formylpyridine nicotinoyl hydrazone as organic blocker: Syntheses, crystal architectures, Hirshfeld surface analyses and DFT studies	G. Mahmoudi, H. Chowdhury , B. K. Ghosh,M. Kubicki, A. Bartyzel, J. M. White, I. Alkorta, A.V. Gurbanov, D. A. Safin	<i>Journal of Molecular Structure</i>	1229 , 1296 14, 2021	ISSN:0277-2860

30.	Azido derivative of dinuclear copper (II) and 1D polynuclear nickel(II) complexes containing an unsymmetrical bidentate amine: Syntheses, crystalline architectures and magnetic behaviours	H. Chowdhury, C. Rizzoli, C. Adhikary	<i>Transition Metal Chemistry</i>	46, 139-147, 2021,	ISSN:1572-901X
31.	Cyanide bridged 2-D homometallic mixed-valence copper coordination polymer: Synthesis, crystal architecture, Hirshfeld surface analysis and magnetic behavior	H. Chowdhury, C. Rizzoli, C. Adhikary	<i>Journal of Coordination Chemistry</i>	74, 663-674, 2021	ISSN:0095-8972
32.	Syntheses, structures, magnetic properties and antibacterial activities of two copper(II) azido complexes with varied nuclearities containing a symmetrical 1,3-diammine as chelator	H. Chowdhury, C. Adhikary	<i>Asian Journal of Chemistry</i>	33(2), 359-366, 2021	ISSN:0975-427X
33.	Synthesis, structure, magnetism and catalytic competency of a tetradentate (NNOO) Schiff base mediated dimeric copper(II) complex	H. Chowdhury, R. Bera, C. Adhikary	<i>Asian Journal of Chemistry</i>	33(6), 1280-1286, 2021	ISSN:0975-427X
34.	Cyanide bridged 2D heterometallic coordination polymer of Cu(II)-Ni(II): Synthesis, X-ray structure and magnetic behaviour	H. Chowdhury, C. Adhikary	<i>Asian Journal of Chemistry</i>	34(6), 1472-1476, 2022	ISSN:0975-427X

(ii) Book/ Book Chapter:

Sl No	Title of Book/Book Chapter	Co-authors	Name of Publisher with address	Page, Vol & Date	ISSN/ISBN no
1.	<i>Recent Developments in Green Chemistry (RDGC-2015)</i> (Benign synthesis, X-ray structure and magnetic property of a 2D coordination polymer of cobalt(II) containing two different bridging units)	H. Chowdhury, S. Koner, D. Sutradhar, B. K. Ghosh*	Deptt. of Chemistry, Guskara Mahavidyala, Burdwan	135-136, August, 2015	ISBN No. 978-93-5235-543-3
2.	<i>Quad Scientific Reporter</i> (A new view of nanomaterials formed via Self-assembled coordination compounds on metallic surface)	H. Chowdhury*	Sri Ramkrishna Sarada Vidyamahapitha, Kamarpukur, Hooghly	137-147, October, 2015	ISBN No. 978-81-925784-4-6
3.	<i>The Biggest Challenge of Green Chemistry: To Use Its Rule in Practice</i> (Benign self-assembled synthesis, structure and characterization of dicyanamide bridged coordination polymers of nickel(II) containing unsymmetrical tridentate N-donor Schiff bases)	H. Chowdhury*, B. K. Ghosh*	Deptt. of Chemistry, A K P C. Mahavidyala, Bengai, Hooghly	271-285, March, 2016.	ISBN No. 978-93-5254-066-2
4.	CHEMZEN: Department of Chemistry, Kalna College (Study on cobalt(II) pseudohalide complexes in combination with tetradentate N-donor Schiff bases: Syntheses, characterization and luminescence properties)	H. Chowdhury*	Kalna College, Purba Bardhaman	2023	-

(iii) Presentation in Seminar/Conference/ Symposium:

(a) International:

Sl. No	Name of Seminar/Conference/Symposium	Place	Date	Title of Presented Paper (Authors) (Page)
1.	<i>Modern Trends in Inorganic Chemistry, X</i>	<i>Department of Chemistry, Indian Institute of Technology, Bombay, Mumbai</i>	2003	Cadmium(II)pseudohalide chemistry: chelation vs congregation of Schiff bases (S. H. Rahaman, H. Chowdhury , B. K. Ghosh) (page 25)
2.	<i>International 'Science Seminar' jointly organised by Burdwan Raj College and The Indian Chemical Society</i>	<i>Burdwan Raj College, Purba Bardhaman</i>	10 th October, 2017	Dinuclear isophthalato-bridged Zinc(II) complex with a tetradentate Schiff base: Synthesis, structure and luminescence property (H. Chowdhury* , D. Sutradhar, N. C. Saha and B. K. Ghosh) (Page B21)
3.	<i>International 'Science Seminar' jointly organised by Shyamsundar College and The Indian Chemical Society</i>	<i>Shyamsundar College, Purba Bardhaman</i>	12 th December, 2017	Synthesis, X-ray structure and magnetic behaviour of a bibridged dinuclear Nickel(II)dicyanamido complex containing a tetradentate Schiff base as <i>bis(bidentate)congregator</i> (H. Chowdhury* , N. C. Saha and B. K. Ghosh) (Page 54)
4.	<i>Three day International Conference on 'Frontier Biological, Environmental and Medical Sciences (FBEMS)' organised by DST-PURSE Phase-2, The University of Burdwan</i>	<i>The University of Burdwan, Purba Bardhaman</i>	8-10 March, 2018	Synthesis, structure, luminescence behaviour and <i>in vitro</i> antibacterial property of a coordination polymer of mercury(II)chloride containing 2-benzoyl pyridine ligand (H. Chowdhury , D. Sutradhar, N. C. Saha, B. K. Ghosh) (Page 86)
5.	<i>One day International Symposium on 'Current Trends in Chemistry</i>	<i>Department of Chemistry, Diamond Harbour Women's University in association with Indian Chemical Society</i>	10th January, 2020	Syntheses, molecular and crystalline architectures and luminescence properties of two zinc(II) pseudohalide complexes containing Schiff base ligands: Control of coordination numbers varying degree of donor sets (H. Chowdhury , D. Sutradhar, B. K. Ghosh) (Page 12)
6.	<i>One Day International Webinar on 'Role of Chemistry in Recent Technology'</i>	<i>Department of Chemistry, Indus Mahavidyalaya, Indus, Bankura, WB</i>	23rd August, 2020	Synthesis, structure and catalytic efficacy of a nitrate bridged 1D copper(II) coordination polymer with a tridentate Schiff base (H. Chowdhury , R. Bera, C. Adhikary) Poster Presentation
7.	<i>2nd International Science Conference on 'Science & Environment: Challenges to Sustainability and Survivability (SECSS-2023)' jointly organised by Shyamsundar College and The Indian Chemical Society</i>	<i>Shyamsundar College, Purba Bardhaman in association with Indian Photobiology Society, Kolkata</i>	11 th August, 2023	Synthesis, X-ray structure, magnetic property and catalytic effectiveness of a double end-on azido based dimeric copper (II) complex containing a tridentate (NNO) Schiff base (H. Chowdhury , C. Adhikary) Poster Presentation (Page 46)

(b) National:

Sl. No	Name of Seminar/Conference/Symposium	Place	Date (Page)	Title of Presented Paper (Authors) (Page)
1.	<i>Advanced Spectroscopy, Theoretical Chemistry, Synthesis, Reactivity and Structural Evaluation</i>	<i>Deptt. of Chemistry, The University of Burdwan</i>	<i>19-21 th February, 2015</i>	Synthesis, characterization and X-ray structure of a manganese(II) coordination polymer containing a tetradentate Schiff base and bis(monodentate) bridging terephthalate (S. Roy, S. Koner, D. Sutradhar, H. Chowdhury , B. K. Ghosh) (Page 63)
2.	<i>Advanced Spectroscopy, Theoretical Chemistry, Synthesis, Reactivity and Structural Evaluation</i>	<i>Deptt. of Chemistry, The University of Burdwan</i>	<i>19-21 th February, 2015</i>	Two new hexacoordinated coordination polymers of cadmium(II) containing bridging units only: Syntheses, structures and molecular properties (D. Sutradhar, S. Koner, S. Choubey, H. Chowdhury , B. K. Ghosh) (Page 69-70)
3.	<i>Recent Developments in Green Chemistry (RDGC-2015)</i>	<i>Deptt. of Chemistry, Guskara Mahavidyala, Burdwan,</i>	<i>22th March, 2015</i>	Benign synthesis, X-ray structure and magnetic property of a 2D coordination polymer of cobalt(II) containing two different bridging units (H. Chowdhury , S. Koner, D. Sutradhar, B. K. Ghosh) (135-136)
4.	<i>'The Biggest Challenge of Green Chemistry: To Use Its Rule in Practice'</i>	<i>Deptt. of Chemistry, A K P C. Mahavidyala, Hooghly</i>	<i>8-9th October, 2015</i>	Benign self-assembled synthesis, structure and characterization of dicyanamide bridged coordination polymers of nickel(II) containing unsymmetrical tridentate N-donor Schiff bases (H. Chowdhury , B. K. Ghosh) (Page 46-48)
5.	<i>'Design, Synthesis, Interactions, Chemical and Biochemical Activities of Different Functional Molecules'</i>	<i>Deptt. of Chemistry, The University of Burdwan</i>	<i>4-6th February, 2016</i>	Syntheses, X-ray structures and magnetic properties of two manganese(II)pseudohalido coordination polymers (H. Chowdhury , S.E. Lofland, G. Mahmoudi, B. K. Ghosh) (Page 54-55)
6.	<i>'Recent Advances in Chemistry Research'</i>	<i>Deptt. of Chemistry, Visva Bharati, Santiniketan</i>	<i>4th March, 2016</i>	A 3D coordination polymer of cobalt(II)dicyanamide containing an <i>in situ</i> generated didentate Schiff base: synthesis, structure and magnetic property, (H. Chowdhury , B. K. Ghosh) (Page 45)
7.	<i>'Recent Advances in Chemistry & Industry 2016', The Indian Chemical Society'</i>	<i>The Indian Chemical Society, Kolkata</i>	<i>2th & 3rd August, 2016</i>	Synthesis, structure and magnetic behaviour of a dibridged dinuclear copper(II)azido complex containing a didentate N-donor Schiff base (H. Chowdhury , I. Paul, B. K. Ghosh) (Page 78-79)
8.	<i>'Recent Advances in Chemistry & Industry 2017', The Indian Chemical Society'</i>	<i>Dept. Of Chemistry, Indian Institute of Engineering</i>	<i>2th & 3rd August, 2017</i>	Syntheses, X-ray structures, molecular properties and <i>in vitro</i> antibacterial effect of two coordination polymers of cadmium(II) pseudohalide containing

		Science and Technology (IEST), Shibpur, Howrah		an <i>insitu</i> generated didentate Schiff base (H. Chowdhury , D. Sutradhar, N. C. Saha, B. K. Ghosh) (Page 132-133)
9.	'Design, Synthesis, Characterization, Reactivity, Theoretical Study and Applications of Different Functional Materials'	Deptt. of Chemistry, The University of Burdwan	21-23 rd December, 2017	A new pentacoordinated 1D coordination polymer of mercury(II) chloride containing an in situ generated didentate Schiff base: Synthesis, structure and luminescence property (D. Sutradhar, H. Chowdhury , N. C. Saha, B. K. Ghosh) (Page 85)
10.	'Recent Advances in Chemistry Research'	Deptt. of Chemistry, Visva Bharati, Santiniketan, WB	4th August, 2019	Isolation, characterization and luminescence behaviour of two cadmium(II) compounds containing a tridentate schiff base with varied nuclearities and dimensionalities through change of pseudohalides (H. Chowdhury , D. Sutradhar, B. K. Ghosh, Poster Presentation) (Page 45)
11.	'Celebration of International Year of Periodic Table and National Conference on Chemistry for Sustainable Development (CSD 2019),	Deptt. of Chemistry Sidho-Kanho-Birsha University, Purulia, 723104, West Bengal, in collaboration with Indian Chemical Society	26 th and 27 th November, 2019.	Synthesis, X-ray structure, and thermal and luminescence properties of a dinuclear zinc(II)isophthalato bridged complex with a tetradentate Schiff base (H. Chowdhury , B. K. Ghosh) (Page 41)

(c) State level:

Sl. No	Name of Seminar/Conference/Symposium	Place	Date	Title of Presented Paper (Authors) (Page)
1.	1 st Regional Science and Technology Congress, 2016, Bardhaman Division, Organised by Department of Science & Technology, Government of West Bengal & Bankura Christian College, Bankura	Bankura Christian College, Bankura	7-8 th November, 2016	Synthesis, structure and magnetic behaviour of a dibridged dinuclear cobalt(II)dicyanamido complex containing a tetradentate N-donor Schiff base as <i>bis(didentate)</i> congregator (H. Chowdhury* , S. Koner, I. Paul, B. K. Ghosh*) (Page 86)
2.	2 nd Regional Science and Technology Congress, 2017, Bardhaman Division, Organised by Department of Higher Education, Science, Technology and Biotechnology, Government of West Bengal & The university of Burdwan, Burdwan (Western Division)	The University of Burdwan, Burdwan	16-17 th November, 2017	Synthesis, Structure, Luminescence Property and Antibacterial Activity of Some Hexacoordinated Zinc(II) Complexes with Schiff base (H. Chowdhury* , D. Sutradhar, N. C. Saha, B. K. Ghosh) (Page 86)

3.	2 nd Regional Science and Technology Congress, 2017, Bardhaman Division, Organised by Department of Higher Education, Science, Technology and Biotechnology, Government of West Bengal & The university of Burdwan, Burdwan (Western Division)	The University of Burdwan, Burdwan	16-17 th November, 2017	Syntheses, spectroscopic characterisation and luminescence behaviour of group 12 metal (II) complexes containing a tailored amine and varied pseudohalides (D. Sutradhar, H. Chowdhury , N. C. Saha, B. K. Ghosh), (Page 101)
4.	3 rd Regional Science and Technology Congress, 2018, Purulia Division, (Western Division)	S. K. B. U, Purulia S. K. B. U, Purulia & Department of Higher Education, Science, Technology and Biotechnology, Government of West Bengal	20-21 th December, 2018	Syntheses, structures and luminescence properties of four neutral cadmium(II) compounds containing a tridentate Schiff base with varied coordination numbers, nuclearities and dimensionalities by changing halides/pseudohalides (H. Chowdhury , D. Sutradhar, N. C. Saha, B. K. Ghosh), Page 100
5.	4 th Regional Science and Technology Congress, 2019 (Western Division)	The University of Burdwan and Department of Science & Technology and Biotechnology, Government of West Bengal	09-10 th December, 2019	Syntheses, X-ray structures and molecular properties of two cadmium(II)halido compounds containing a Schiff base with (N,N,N) donor set (H. Chowdhury , D. Sutradhar, B. K. Ghosh) (Page 83)

(iv) UGC-MRP/Other Project:

Sl No.	PI	Title of the Project	Sponsored by	Sanction Memo No.	Completed/ Ongoing
1.	Habibar Chowdhury	“Syntheses, Structures and Molecular Properties of Some Metal-Organic Frameworks”	UGC	F.PSW. 020/13-14 (ERO) dt. 18.03.2014	Completed (Final submission: 04-07-2016)

(v) Orientation Programme/Refresher Course/Faculty Development Programme participated:

Name of the Course/Summer School/Winter School	Place	Duration	Sponsoring Agency
Orientation Course (90 th)	HRDC-The University of Burdwan	28 days (04.06.13 to 01.07.13)	UGC
Refreshers Course in ‘1 st RC in Nanoscience, Nanotechnology and application’	HRDC-The University of Burdwan	21 days (11.06.14 to 01.07.14)	UGC

Winter School in ' <i>Environmental Planning & Management</i> '	HRDC-The University of Burdwan	21 days (04.12.2018 to 24.12.2018)	UGC
Online Refresher course in Chemistry for Higher Education Faculty-SWAYAM ARPIT-2019 (arp19-ap 51)	SWAYAM ARPIT, New Delhi	16 Weeks (01.11.2019 to 28.02.2020) (Exam held on 16.02.2020)	NATIONAL RESOURCE CENTRE OF CHEMISTRY, MHRD, Govt. of India
One day National Workshop on Development of ' <i>Teacher's e-Kit-CHEMISTRY</i> ' (Webinar No. WKP1)	Guru Angad Dev Teaching Learning Centre (GAD-TLC), SGTB Khalsa College, University of Delhi	21-04-20	Under the PMMMNMTT Scheme of MHRD
10 Days Online Course on ' <i>CHROMATOGRAPHY</i> '	DIPAM Foundation and MNSC, PATAN University).	27-04-2020 to 06-05-2020	Hemchandracharya, North Gujarat
One Week Faculty Development Program (FDP) ' <i>Multimedia Enriched e-Content Development</i> '	Guru Angad Dev Teaching Learning Centre (GAD-TLC), SGTB Khalsa College, University of Delhi	21-05-2020 to 26-05-2020	Under the PMMMNMTT Scheme of MHRD
One Week Virtual Online Course on ' <i>Advanced Topics in Chemical Sciences</i> '	PG Department of Chemistry	15-05-2020 to 21-05-2020	Nallamuthu Gounder Mahalingam
One Week Faculty Development Program on ' <i>Trends in Chemical Sciences: Challenges and Opportunities in the coming Decade</i> '	Department of Chemistry Central University of Jharkhand (CUJ), Ranchi, India	21-09-2020 to 26-09-2020	University of Jharkhand (CUJ), Ranchi, India
5-days (online) Faculty Development Program on ' <i>Recent Trends in Material Frontiers: Chemical and Biological Aspects</i> '	Amity Institute of Applied Sciences (Department of Chemistry & Department of Dietetics and Applied Nutrition)	01.08.2022 to 05.08. 2022	Amity University Kolkata