

CURRICULUM VITAE

1. Name : **Dr.PRANKRISHNA MANNA**
2. Qualifying Degree : MASTER OF SCIENCE IN CHEMISTRY
3. Father's Name : KANAI LAL MANNA
4. Mothername : UJJWALA MANNA
5. Permanent Address : C/O- KANAI LAL MANNA
VILL – Parashpur
P. O. – Kharika
P. S. – Sabang
DIST - PaschimMedinipur
PIN- 721144
WEST BENGAL
6. Present Address : DO
7. Date of birth: : 2ndMarch, 1985
8. E-mail ID : prankrishna.manna09@gmail.com
9. Telephone No. : +918697980722(Mobile)
10. Nationality : Indian
11. Blood group : O+
12. Aandhar no : **877908546562**



13. EDUCATIONAL QUALIFICATION

➤ Higher Education :-

Name of Degree	Year of Passing	University	Marks obtained in percentage
B.Sc. (Hons) in Chemistry	2007	Vidyasagar University	55.5%
M.Sc.	2009	Vidyasagar University	60.07%
National Elegibility Test(NET)	2010	CSIR-UGC	CSIR (ranked 28)
GATE	2010	—	353 (ranked)
Ph.D.	14.10.2015	Jadavpur University	—

14. Computer skills: Have knowledge of BASIC. Software's used for research: Origin, MsOffice,

15. Hobbies: Gardening & reading.

16.Languages Known: English, Bengali and Hindi.

17.Specialization Subject: Inorganic Chemistry.

18. Field of Research (Ph.D): Exploration of Supramolecular Aspects of Some Selective Inorganic and Organic Compounds.

19. Technical Skills: Practical experience in designing and synthesizing various new organic ligands and forming single crystals having supramolecular aspects using various lab instruments like condenser, magnetic stirrer etc. Have knowledge on software's like origin, mercury, pov-ray, platon, diamond, SHELX and spectral techniques like NMR, UV and IR.

20. Seminars Attended:National Seminar on Recent Advances in Chemistry, 2012

National Seminar on Social Function of Science, 2013

World Science Congress, 2015

21. Professional Recognition/ Award/ Prize/ Certificate:

Sl.No	Name of Award	Awarding Agency	Year
1	JRF	CSIR-UGC	2010-2012
2	SRF	CSIR-UGC	2013-2015

22. List of Research Publications:

S. No	Author(s)	Title	Name of Journal	volume	page	year
1	MonojitMitra, Anowar Hossain, Prankrishna Manna , Somnath Ray Choudhury, SurasakKaenket, Madeleine Helliwell, Antonio Bauza, Antonio Frontera and SubrataMukhopadhy ay	Melamine- mediated self- assembly of a Cu(II)– methylmalonate complex assisted by $\pi^+ - \pi^+$ and anti- electrostatic H- bonding interactions	Journal of Coordination Chemistry	70	463–474	2017
2	Anowar Hossain, Tripti Mandal, MonojitMitra, Prankrishna Manna , Antonio Bauza, Antonio Frontera, Saikat Kumar Sethand SubrataMukhopadhy ay	Exploring 3D non- interpenetrated metal–organic framework with malonate-bridged Co(II) coordination polymer: structural elucidation and theoretical study	PHASE TRANSITIONS	90	1193– 1204	2017
3	Prankrishna Manna , Saikat Kumar Seth, MonojitMitra, Somnath Ray Choudhury, Antonio Bauzá, Antonio Frontera and SubrataMukhopadhyay	Experimental and Computational Study of Counterintuitive $\text{ClO}_4^- \cdots \text{ClO}_4^-$ Interactions and the Interplay between π^+ – π and Anion $\cdots \pi^+$ Interactions	Cryst. Growth Des.	14	5812–58 21	2014
4	MonojitMitra, Prankrishna Manna , Antonio Bauzá, Pablo Ballester, Saikat Kumar Seth, Somnath Ray Choudhury, Antonio Frontera and	3-Picoline Mediated Self-Assembly of M(II)–Malonate Complexes (M = Ni/Co/Mn/Mg/Zn/Cu) Assisted by Various Weak Forces Involving Lone Pair– π , π – π , and Anion $\cdots \pi$ –Hole	J. Phys. Chem. B	118	14713–1 4726	2014

	SubrataMukhopadhyay	Interactions				
5	Prankrishna Manna , Somnath Ray Choudhury, MonojitMitra, Saikat Kumar Seth, Madeleine Helliwell, Antonio Bauzá, Antonio Frontera and SubrataMukhopadhyay	A combined experimental and theoretical study of the supramolecular self-assembly of Cu(II) malonate complex assisted by various weak forces and water dimer	J. Solid State Chem.	220	149–156	2014
6	Prankrishna Manna , Saikat Kumar Seth, Antonio Bauza, MonojitMitra, Somnath Ray Choudhury, Antonio Frontera and SubrataMukhopadhyay	pH Dependent Formation of Unprecedented Water–Bromide Cluster in the Bromide Salts of PTP Assisted by Anion– π Interactions: Synthesis, Structure, and DFT Study	Cryst.Growth Des.	14	747–755	2014
7	MonojitMitra, Prankrishna Manna , Saikat Kumar Seth, Amrita Das, Joanne Meredith, Madeleine Helliwell, Antonio Bauza, Somnath Ray Choudhury, Antonio Frontera and SubrataMukhopadhyay	Salt-bridge– π (sb– π) interactions at work: associative interactions of sb– π , π – π and anion– π in Cu(II)- malonate–2-aminopyridine–hexafluoridophosphate ternary system	CrystEngComm	15	686–696	2013
8	MonojitMitra,Saikat Kumar Seth, Somnath Ray Choudhury, Prankrishna Manna , Amrita Das, Madeleine Helliwell, Antonio Bauzá, Antonio Frontera and SubrataMukhopadhyay	M(II)–Malonate Complexes (M = Mg, Cu, Ni and Co) Characterized by Layered Structures: Experimental Observation, Hirshfeld Surface Analysis and Theoretical Study	Eur. J. Inorg. Chem.	—	4679–4685	2013
9	MonojitMitra, Prankrishna Manna , Amrita Das, Saikat Kumar Seth,	On the Importance of Unprecedented Lone Pair–Salt Bridge Interactions in	J. Phys. Chem. A	117	5802–5811	2013

	Madeleine Helliwell, Antonio Bauzá, Somnath Ray Choudhury, Antonio Frontera and SubrataMukhopadhyay	Cu(II)–Malonate–2-Amino-5-Chloropyridine–Perchlorate Ternary System				
10	Prankrishna Manna , Saikat Kumar Seth, MonojitMitra, Amrita Das, N. Jiten Singh, Somnath Ray Choudhury, TanusreeKar and SubrataMukhopadhyay	A successive layer-by-layer assembly of supramolecular frameworks driven by novel type of face-to-face $\pi^+-\pi^+$ interactions	CrystEngComm	15	7879–7886	2013
11	Saikat Kumar Seth, Prankrishna Manna , N. Jiten Singh, MonojitMitra, AtishDipankar Jana, Amrita Das, Somnath Ray Choudhury, TanusreeKar, SubrataMukhopadhyay and Kwang S. Kim	Molecular architecture using novel types of noncovalent π -interactions involving aromatic neutrals, aromatic cations and π -anions	CrystEngComm	15	1285–1288	2013
12	Prankrishna Manna , Saikat Kumar Seth, Amrita Das, Joanna Hemming, Richard Prendergast, Madeleine Helliwell, Somnath Ray Choudhury, Antonio Frontera and SubrataMukhopadhyay	Anion Induced Formation of Supramolecular Associations Involving Lone pair– π and Anion– π Interactions in Co(II) Malonate Complexes: Experimental Observations, Hirshfeld Surface Analyses and DFT Studies	Inorg. Chem.	51	3557–3571	2012
13	Amrita Das, Somnath Ray Choudhury, Prankrishna Manna , Dominic Baxter, Madeleine Helliwell and SubrataMukhopadhyay	Associative combination of lone pair– π , π – π and anion– π interactions observed in a ternary system comprising Mg(II)-malonate–2-aminopyridine – hexafluoridophosphate	Polyhedron	30	2121–2126	2011

References

- (a) Professor SubrataMukhopadhyay, Department of Chemistry, Jadavpur University, Kolkata- 700 032, India. [Email:smukhopadhyay@chemistry.jdvu.ac.in]
- (b) ProfessorAshutosh Ghosh, Department of Chemistry, University of Calcutta, Kolkata- 700 009, India. [Email:ghosh_59@yahoo.com]

I hereby declare that all the above written particulars are true to the best of my knowledge and belief.

Prankrishna Manna

Signature of the Candidate

Date :

Place :