CURRICULUM VITAE

Name	Dr. Pulak Chandra Mandal
Designation	Assistant Professor
Father's Name	Sahadev Mandal
Address for Communication	Vill. – Battala; P.O. – Khaiyamara; P.S. – Jaynagar; Dist. – 24 pgs(s) PIN – 743337; West Bengal
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Mobile	7003490175
Date of Birth	8th November, 1981
Nationality	Indian
Sex	Male
Marital Status	Married

❖ Educational Qualifications

➢ **Secondary and Higher Secondary Examinations** :-

Examinations	Year of Passing	Board of Examination	Institution Name	Marks obtained (in %)	Division
Secondary Examination	1998	W.B.B.S.E.	Nimpith Ramkrishna Vidya Bhaban	75.75%	1st
Higher Secondary Examination	2000	W.B.C.H.S.E.	Nimpith Ramkrishna Vidya Bhaban	66.80%	1st

➢ **Higher Education :-**

Name of Degree	Year of Passing	University	Marks obtained in percentage
B.Sc.(Hons) in Chemistry	2006	Calcutta University (Asutosh College)	53.00%
M.Sc.	2008	Calcutta University	56.9%

		(Presidency College)	
Ph.D.	2013	Jadavpur University	

11. Computer Proficiency :

   Operating Systems known **:** UV-Probe, Microcal Origin, Chemdraw, Mercury, Adobe Photoshop, POV-ray, Hirshfeld analysis etc.

12. Languages Known : English, Bengali and Hindi.

15. Research Field : KINETIC STUDIES ON REDOX REACTIONS OF MULTINUCLEAR MANGANESE AND IRON COMPLEXES IN AQUEOUS MEDIA

16. Research Experience : **Five years** experience on the above mentioned field.

17. List of publications :

(i) Mechanistic studies on the oxidation of pyruvic acid by an oxo-bridged diiron(III,III) complex in aqueous acidic media.

Pulak Chandra Mandal, Jhimli Bhattacharyya, Suranjana Das, Subrata Mukhopadhyay and Louis J. Kirschenbaum

Polyhedron 2009**, 28,** 3162–3168.

(ii) Mechanistic studies on the oxidation of glyoxylic and pyruvic acid by a $\{Mn_3O_4\}^{4+}$ core in aqueous media.

Pulak Chandra Mandal, Suranjana Das and Subrata Mukhopadhyay

Int. J. Chem. Kinet. 2010, **42**, 323–335.

(iii) In alkaline media, Fremy's salt oxidizes alkanols by a hydrogen atom transfer mechanism.

Piyali De, Dhurjati Prasad Kumar, Amit Kumar Mondal, **Pulak Chandra Mandal**, Subrata Mukhopadhyay and Rupendranath Banerjee

Polyhedron 2010, **29**, 1358–1362.

(iv) A dinuclear oxo-bridged Fe(III) complex with tris(2-pyridylmethyl) amine: Structure and Hirshfeld surface analysis.

Saikat Kumar Seth, **Pulak Chandra Mandal**, Tanusree Kar and Subrata Mukhopadhyay

J. Mol Struct. 2011, **994**, 109–116.

(v) Mechanistic Studies on the Oxidation of Ascorbic Acid and Hydroquinone by a $\{Mn_4O_6\}^{4+}$ Core in Aqueous Media.

Maharudra Chakraborty, N. Jiten Singh, **Pulak Chandra Mandal**, Suranjana Das and Subrata Mukhopadhyay

J. Phys. Chem. A 2011, **115**, 4882–4893.

(vi) Kinetics and Mechanism of the Oxidation of Hydroxylamine by a $\{Mn_3O_4\}^{4+}$ Core in Aqueous Acidic Media.

Pulak Chandra Mandal, Maharudra Chakraborty, Suranjana Das, Carolina Estarellas, David Quiñonero, Antonio Frontera and Subrata Mukhopadhyay

Dalton Trans. 2011, **40**, 9571– 9579.

(vii) Mechanistic studies on the oxidation of thiols by a $\{Mn_4O_6\}^{4+}$ core in aqueous acidic media

Maharudra Chakraborty, **Pulak Chandra Mandal** and Subrata Mukhopadhyay

Polyhedron 2012, **45**, 213–220.

(viii) Kinetic Studies on Oxidation of L-cysteine and 2-mercaptoethanol by a Trinuclear Mn(IV)

Species in Aqueous Acidic Media

Maharudra Chakraborty, **Pulak Chandra Mandal** and Subrata Mukhopadhyay

Inorganic Chemica Acta 2013, **398**, 77–82.

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

Date   :

Place   : Kolkata

Signature of the Candidate