DR. RITAM MUKHERJEE

Assistant Professor
M.Sc. (Chemistry), Ph.D.
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» Overview:

Completed B.Sc. (Hons) and M.Sc. in Chemistry from the University of Calcutta and obtained Ph.D. from Jadavpur University. Specialized in Inorganic Chemistry.

» Date of appointment to the present job:

23/03/2015

» Other Academic/ Administrative post:

N. A.

» Academic background:

Completed B.Sc. (Hons) and M.Sc. in Chemistry from the University of Calcutta and obtained Ph.D. from Jadavpur University. Specialized in Inorganic Chemistry.

» Information about Ph.D.:

- **Date of Award:** 14/01/2006
- **Title of the Thesis:** *Mechanistic studies on transition metal complexes*.
- **Web-link:** N. A.

» Professional Qualification:

N. A.

» Publications in Journals:

1. Oxidation of iodide with a mononuclear manganese (IV) complex ion: Mechanistic investigation of autocatalytic behaviour: Sarvjeet Kumar Chandrabanshi, Subrata Mukhopadhyay and Ritam Mukherjee; Polyhedron 2020, 187, 114664 (https://doi.org/10.1016/j.poly.2020.114664)
2. Electron transfer. Part 169 [1]. Delayed reduction of mononuclear manganeses(IV) using vanadium(III): Basab Biyayi Dhar, Ritam Mukherjee and Edwin S. Gould; Inorganica Chimica Acta 2011, 365, 232 - 234. (https://doi.org/10.1016/j.ica.2010.09.019)
3. Reactions of aquatitanium (II) with hypervalent chromium species: Basab Bijayi Dhar, Ritam Mukherjee and Edwin S. Gould; Dalton Transactions 2009, (5), 868-871. (https://doi.org/10.1039/B815582H)
4. Electron transfer. Part 165. Oxidations of Ti(II) (aq) with ligated iron (III) and ruthenium (III): Ritam Mukherjee, V. Manivannan and Edwin S. Gould; Inorganica Chimica Acta 2007, 360 (11), 3633-3636. (https://doi.org/10.1016/j.ica.2007.01.026)
5. Reductions by titanium (II) as catalyzed by titanium(IV): Ritam Mukherjee, Zhiyong Yang and Edwin S. Gould; Dalton Transactions 2006, (6), 772 – 774. (https://doi.org/10.1039/B510212J)
6. -oxo) diiron(III, III) complex : an example ofμ Electron transfer between ascorbic acid and a (chloride inhibition: Ritam Mukherjee, B. B. Dhar, R. Banerjee;

Polyhedron 2006, 25, 1367-1372. (https://doi.org/10.1016/j.poly.2005.09.014)

7. -oxo) diiron(III,III) complex in acidic aqueousμ Kinetics of oxidation of phenylhydrazine by a (media: Ritam Mukherjee, Basab Bijayi Dhar, Rupendranath Banerjee and Subrata Mukhopadhyay; Journal of Coordination Chemistry 2006, 59, 1157-1165. (https://doi.org/10.1080/00958970500410614)
8. -oxo)diiron(III) complex in weakly acidicμ Kinetics and mechanism of oxidation of iodide with a (media: Ritam Mukherjee, B. B. Dhar, R. Banerjee; International Journal of Chemical Kinetics 2005, 37, 737–743. (https://doi.org/10.1002/kin.20125)
9. Mechanistic Studies on the Oxidation of Hydrazine by tris(biguanide) manganese(IV) in Aqueous Acidic Media: B. B. Dhar, Ritam Mukherjee, S. Mukhopadhyay, R. Banerjee; Helvetica Chimica Acta 2005, 88, 2294 – 2301. (https://doi.org/10.1002/hlca.200590164)
10. Mechanistic investigation of the oxidation of glyoxylic and pyruvic acids by tris(biguanide) manganese(IV) in weakly acidic aqueous media: B. B. Dhar, Ritam Mukherjee, S. Mukhopadhyay, R. Banerjee; European Journal of Inorganic Chemistry 2004, 4854-4858. (https://doi.org/10.1002/ejic.200400547)
11. Kinetics and mechanism of oxidation of Fe2+ by tris(biguanide) manganese(IV) ion in aqueous acid media: B. B. Dhar, Ritam Mukherjee, S. Mukhopadhyay, R. Banerjee; European Journal of Inorganic Chemistry 2004, 2950-2955. (https://doi.org/10.1002/ejic.200300887)

» Books and Chapters:

- **Books**:

  N. A.

- **Book Chapters**:

  N. A.

» Seminars, Conferences, Webinars and Workshops attended:

- Seminar/ Conferences/Symposium: 00
- Workshop: 00
- Webinar: 00

» Life Membership:

N. A.

» Awards/ Academic Achievements:

N. A.

» Professional Courses:

- **Orientation Programme/FIP/FDP:** 01
- **Refresher Course:** 01
- **Short Term Course:** 00

» Others/ Miscellaneous:

N. A.