



Curriculum Vitae

1. **Name** : Dr. Debashis Mallick
2. **E-mail Address** : dmchemmdm51@gmail.com
3. **Affiliation** : Dept. of Chemistry, Mrinalini Datta Mahavidyapith, Birati, Kol-51.
4. **Date of Joining** : 1st November, 2006
5. **Designation** : Assistant Professor in Chemistry
6. **Qualification** : M. Sc in Chemistry (2005), Ph.D in Science (2013)
[NET in Chemical Science (Dec' 2004),GATE in Chemistry (2005)]

7. Doctoral degree:

- i) Title of thesis for doctoral: Nontransition metal complexes of azoheterocycles: synthesis, structure and photo-physical properties. ii) Date of award of Doctoral degree: **12th Feb' 2013**
iii. Name of the University: **Jadavpur University**, Kolkata.

8. Life- membership of learned Societies:

- i) Indian chemical society (LM7558-2013)
ii) Indian science congress (L24725) iii) World science congress. (WSC6M) iv) Indian Association of Chemistry Teachers (1868)

9. Prestigious award/Fellowship:

- (i) **Young Scientist award**: 'Shree B.M.L. Bhasin Memorial Awadr' in 48th Annual Convention of Chemists 2011 by **Indian Chemical Society**.
(ii) **Science Academies**[Comprised of IAS, INSA and NASI] Summer **Research Fellowship-2015** to work with Prof. R. Murugavel, Dept. of Chemistry, **IIT Mumbai**.
(iii) **Science Academies**[Comprised of IAS, INSA and NASI] Summer **Research Fellowship-2016** to work with Prof. Chandan Mukherjee, Dept. of Chemistry, **IIT Gauwhati**.
(iv) **JNCASR** (Jawarlal Nehru Centre For Advance Scientific Research) **Visiting Fellowship 2016-17** to work with Prof. Tapas Kumar Maji, CPMU, JNCASR, **Bangalore**.

10. Research scholar(Ph.D):

One(1). Registration (**Index no.64/15/chem./23**) under joint supervision with Prof. C.R Sinha, Dept. of Chemistry, J.U. at Jadavpur University.
Title of work: Synthesis, structure and photochromic activity of some d¹⁰ metal ion complexes of azoimidazoles.

11. Project work: 2 Years UGC-Minor Project (F.PSW-158/13-14) of Rs.4.6 lacs.(Completed)

Title of the Project: "Studies on the effect of external matrices (micelle, π -delocalised aromatic hydrocarbons, organic acids, alcohols, and viscosity, polarisability of medium) on the photochromism of thioalkyl-arylazo-imidazoles."

12. List of Research Publications (Peer reviewed)-21; Current IF- 30.89

Last five

- i. Aggregation induced emission enhancement (AIEE) of a fluorenyl appended Schiff base :A turn on fluorescent probe for Al³⁺ and its photovoltaic effect.U. Panda, S. Roy, **D. Mallick**, A. Layek, P. P. Ray and C. Sinha* **Journal of Luminescence**, **2017**, 181, 56-62
- ii. Effect of phenols and carboxylic acids on photochromism of 1-alkyl-2-*o*-thio-alkylphenyl-azo}imidazole.B. Chowdhuri ,B. K. Sarkar, C. Sinha and **D. Mallick*** **J. Indian Chem. Soc.,2016**, 93,1175-1183
- iii.Spectroscopic characterization, photochromism and mesomorphism of cadmium(II)- 1- alkyl-2-(arylo)imidazole complexes and DFT correlative studies C. Sen, **D. Mallick**, C. Patra, S. Roy, R. K. Sinha, R. Ghosh, J. A. Mondal, D. K. Palit and C. Sinha* **Polyhedron**, **2016**,117,463-477
- iv. Lead(II) complexes of 1-alkyl-2-(arylo)imidazole : Synthesis, Structure, Photochromism and metallomesogenic properties .**D. Mallick**, U. Panda, S. Jana, C. Sen, T. K. Mondal, and C. Sinha*. **Polyhedron**, **2016**,117,318-326
- v. Aggregation induced emission enhancement of pyrene-appended Schiff base luminophore and its photovoltaic effect.U. Panda, S. Roy, **D. Mallick** ,P. Dalapati, S. Biswas, N. B. Manik, A. Bhattacharya and C. Sinha* **Journal of Luminescence** **2016**, 175, 44–49

13. Paper presented in conferences/seminar : 18

[International -06; National-09; State level-03]

Last five

- i.‘**National Symposium** on Recent Advances in Chemistry and Industry (2017)’ in Commemoration of the 156th Birth Anniversary of Acharya Prafulla Chandra Ray at Dept.of Chemistry,**IEST, Shibpur**, Howrah,West Bengal on **August 02 & 03 , 2017**.
- ii.53rdAnnual Convention of Chemists and **National Conference** on Recent Advance in Chemical Sciences organized by Indian Chemical society ,hosted by **GITAM University ,Bishakhapattanam** during **December 27-29, 2016**.
- iii. 6th **International Conference** of World Science Congress at PG Department of Ram Manohar Lohia Hospital ,**NewDelhi** during 23rd to 25th **December, 2016**.
- iv.‘**National Symposium** on Recent Advances in Chemistry and Industry (2016)’ in Commemoration of the 155th Birth Anniversary of Acharya Prafulla Chandra Ray at Science College,**Calcutta University,Kolkata** on **August 02 & 03, 2016**.
- v.52ndAnnual Convention of Chemists and **National Conference** on Recent Advance in Chemical Sciences organized by Indian Chemical society, hosted by **JECRC University ,Jaipur,Rajasthan** during **December 28-30, 2015**.