**Dr. Chiranjit Patra**

State Added College Teacher (SACT-1)

Department of Chemistry,

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| Examination | Year | Board/University | Percentage | | Division/Class |
| SecondaryExamination | 2004 | West Bengal Board of Secondary Education | 78.75 | | 1st Divn |
| Higher SecondaryExamination | 2006 | West Bengal Council of Higher Secondary Education | 82.6 | | 1st Divn |
| Bachelor of Science in Chemistry (Honours) | 2009 | University of Calcutta | 62.125 | | 1st Class |
| Master of Science in Chemistry (Inorganic Chemistry Spl.) | 2011 | West Bengal State University | 66.83 | | 1st Class |
| Ph.D. | 2017 | Jadavpur University | |  | |
| **PhD. Supervisor:** Professor (Dr.) Chittaranjan Sinha and Prof. (Dr.) Ambikesh Mahapatra, Jadavpur University  **Thesis Title:** Design and synthesis of selective, sensitive and reversible fluorescence chemosensors for Zn2+ ion | | | | | |

**Academic Qualifications**

**Scholarship, Fellowships and Awards**

* Qualified **NET** (National Eligibility Test, India) December 2010 with UGC Fellowship.
* Qualified **GATE** (Graduate Aptitude Test in Engineering, India) February 2015,
* Awarded UGC Junior Research Fellowship from January 11, 2012 to January 10, 2014
* Awarded UGC Senior Research Fellowship from January 11, 2014 onwards.

**List of Publications**

**1.** **Sensors and Actuators B** 228 (2016) 287–294. **Chiranjit Patra** , Anup Kumar Bhanja , Chandana Sen , Durbadal Ojha , Debprasad Chattopadhyay , Ambikesh Mahapatra , Chittaranjan Sinha.

**2.** **RSC Adv**., 2016, 6, 53378, **Chiranjit Patra**, Anup Kumar Bhanja, Chandana Sen, Durbadal Ojha, Debprasad Chattopadhyay, Ambikesh Mahapatraa and Chittaranjan Sinha.

**3. RSC Adv**., 2016, 6, 76505–76513, **Chiranjit Patra**, Anup Kumar Bhanja, Ambikesh Mahapatra, Snehasis Mishra, Krishna Das Saha and Chittaranjan Sinha.

**4.** **Journal of Photochemistry and Photobiology A: Chemistry,** 2017,341, 97–107. **Chiranjit Patra**, Chandana Sen, Ananya Das Mahapatra, Debprasad Chattopadhyay, Ambikesh Mahapatra, Chittaranjan Sinha.

**5**. **Indian Journal of Chemistry**. Vol. 54A, March 2015, pp. 316-323. **Chiranjit Patra**, Himanish Roy, Chandana Sen, Ambikesh Mahapatra, Chittaranjan Sinha.

**6**. **J. Indian Chem. Soc**.,Vol. 92, July 2015, pp. 1117-1125. **Chiranjit Patra**, Himanish Roy, Chandana Sen, Ambikesh Mahapatra , Chittaranjan Sinha.

**7. J Biol Inorg Chem**, DOI 10.1007/s00775-016-1428-x. Kuheli Das, **Chiranjit Patra**, Chandana Sen, Amitabha Datta, Chiara Massera, Eugenio Garribba, Mohamed Salah El Fallah, Belete B. Beyene, Chen‑Hsiung Hung, Chittaranjan Sinha, Tulin Askun, Pinar Celikboyun, Daniel Escudero, Antonio Frontera,

**8.** **RSC Adv**. 5 (2015) 48997. Anup Kumar Bhanja, **Chiranjit Patra**, Sudipa Mondal, Durbadal Ojha, Debprasad Chattopadhyayb, Chittaranjan Sinha.

**9.** **Polyhedron** 87 (2015) 63–70. Gunomoni Saha, **Chiranjit Patra**, Papia Datta, Kamal Krishna Sarkar, Rajat Saha, Cheng-Jung Chen, Chittaranjan Sinha.

**10.** **Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy** 151 (2015) 443–452. Chandana Sen, Bharati Chowdhuri, **Chiranjit Patra**, Debashis Mallick , Chittaranjan Sinha.

**11. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy** 166 (2016) 84–94.Suparna Rudra, Somnath Dasmandal, **Chiranjit Patra**, Arjama Kundu and Ambikesh Mahapatra.

**12.** **Polyhedron** 117 (2016) 463–477. Chandana Sen, Debashis Mallick, **Chiranjit Patra**, Suman Roy, Randhir K. Sinha, Rajib Ghosh, Jahur A. Mondal, Dipak K. Palit, Chittaranjan Sinha.

## 13. Sensors and Actuators B 252 (2017) 257–267. Anup Kumar Bhanja, Chiranjit Patra, Sudipa

## Mondal, Snehasish Mishra, Krishna Das Saha, Chittaranjan Sinha.

**14**. **Journal of Biomolecular Structure and Dynamics**,

DOI: <http://doi.org/10.1080/07391102.2017.1400468>. Suparna Rudra, Somnath Dasmandal, **Chiranjit Patra**, Biman Kumar Patel, Suvendu Paul and Ambikesh Mahapatra.

**15.** **Journal of Molecular Structure** 1167 (2018) 107-117. Suparna Rudra, Somnath Dasmandal, **Chiranjit Patra**, Ambikesh Mahapatra.

**16.** **Sensors and Actuators B** 257 (2018) 545–552. Rakesh Purkait, **Chiranjit Patra**, Ananya Das Mahapatra, Debprasad Chattopadhyay, Chittaranjan Sinha.

**17**. **Anal. Methods**, 2019, 11, 4440–4449. Chandana Sen, Sunanda Dey, **Chiranjit Patra**, Debashis Mallick and Chittaranjan Sinha.

**18**. **Asian Journal of Pharmacy and Pharmacology** 2019; 5(5):1010-1021. Benupani Sahu, Subhasish Mondal, Sudipa Mondal, **Chiranjit Patra**, Tanushree Singha, Tapan Kumar Maity.

**19. ChemistrySelect** .2020, 5, 1– 9. Ananya Das Mahapatra, **Chiranjit Patra**, Joy Mondal, Chittaranjan Sinha, Provash Chandra Sadhukhan and Debprasad Chattopadhyay.

**20**. **Journal of the Indian Chemical Society**, 99 (2022) 100529. Ananya Das Mahapatra, **Chiranjit Patra**, Kunal Pal, Joy Mondal, Chittaranjan Sinha, Debprasad Chattopadhyay,