

## Curriculum Vitae

**Name:** Dr. Sayantan Ganguly

**Designation:** Assistant Professor (Stage-II)

**Highest qualification:** Ph.D.



**Contact details/ Office address:** Department of Chemistry, Darjeeling Government College, 15, Lebong Cart Road Above PWD Car Parking, P.O. & District- Darjeeling, Pin-734101

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**Date of joining to this institution:** 19.05.2026

**Date of joining W.B.E.S.:** 15.12.2015

**Previous position(s) held:** Assistant Professor, Department of Chemistry, Taki Government College (15.12.2015-15.05.2026)

**Teaching experience in years & months:** 10 Years 6 Months

**Awards, Recognition and Honours:** CSIR-SPMF Junior Research Fellowship in CSIR-NET, June, 2013

**Courses taught:** Chemistry (U.G.) (Major & Minor)

**Research area/ interest:** Design, Syntheses, Characterization, Magnetic and Catalytic Study of n complexes of some 3d metal ions

**Number of Publications-**

**\*Peer reviewed journals: 07**

**\*Conference proceedings: NIL**

**\*Chapters in books: 02**

**Detailed list of publications**

1. The first alternating MnII–MnIII 1D chain: structure, magnetic properties and catalytic oxidase activities.

**S. Ganguly**, P. Kar, M. Chakraborty and A. Ghosh, New Journal of Chemistry, 2018, 42(12), 9517-9529

2 .Synthesis, structure and phenoxazinone synthase-like activity of three unprecedented alternating CoII–CoIII 1D chains.

**S. Ganguly**, P. Kar, M. Chakraborty, K. Sarkar and A. Ghosh, New Journal of Chemistry, 2019, 43(47), 18780-18793.

3. Tri-nuclear copper-cadmium complexes of a N2O2-donor ligand with the variation of counter anions: Structural elucidation and theoretical study on inter-molecular interactions

**S. Ganguly**, A. Bauzá, A. Frontera and A. Ghosh, Inorganica Chimica Acta, 2019, 492, 142-149.

4. Modulation of Nuclearity in CuII–MnII Complexes of a N2O2 Donor Ligand Depending upon Carboxylate Anions: Structures, Magnetic Properties and Catalytic Oxidase Activities

**S. Ganguly**, J. Mayans and A. Ghosh, Chemistry–An Asian Journal, 2020, 15 (23), 4055-4069.

5. Tri-and pentanuclear CuII–CdII complexes of N2O2 donor ligands with the variation of carboxylate coligands: Structural elucidation and theoretical study

**S. Ganguly**, M.G.B. Drew, R.M. Gomila, A. Frontera and A. Ghosh, Inorganica Chimica Acta, 2021, 521, 120351-120358.

6. Pentanuclear MII–MnII (M = Ni and Cu) complexes of N2O2 donor ligands with a variation of carboxylate anions: syntheses, structures, magnetic properties and catecholase-like activities.

**S. Ganguly**, P. Bhunia, J. Mayans and A. Ghosh, New Journal of Chemistry, 2022, 46 (36), 17260-17271.

7. Trinuclear CuII–MII (M = Mn and Co) complexes of N2O2 donor ligands with o-nitro benzoate anion: structures, magnetic properties and catecholase-like activities.

**S. Ganguly**, P. Bhunia, J. Mayans and A. Ghosh, Inorganica Chimica Acta, 2023, 549, 121404-121413.

8. Chapter entitled “Cu(I) Catalyzed Click Chemistry and Its Applicability in Nucleic Acid Ligation” (Page- 57-67) published at “Modern Trends in Chemical Sciences” edited by Dr. Kamala Mitra published by J.B. Books and Learnings, Berhampore. (ISBN no. 978-93-83010- 31-8).

9. Chapter entitled “Water Defluoridation using Adsorbents” (Page-58-65) published at ‘Environment and Education: Multi-Angled View’ edited by Subrata Bachhar and Dr. Bijan Sarkar published by Crescent Publication Corporation, New Delhi. (ISBN no. 978-81-8342-468- 4).

**Participation in Workshops/ Training programme/ Certificate course:**

1. Attended 3 days lecture workshop on “Chemistry- The Basics and Advances” organized by Indian Academy of Sciences at Kalyani University. (6-8 April, 2017).

2. Participated in Orientation Course (Online) organized by UGC-HRDC, Mizoram University from 28.07.2020 to 17.08.2020.

3. Participated in Online Refresher Course on Material Sciences: Recombinant Memetics organized by UGC HRDC, Osmania University from 01.02.2021 to 13.02.2021.

4. Participated in Online Refresher Course on Entrepreneurship Development Programme organized by UGC-MMTTC, Osmania University from 07.03.2025 to 22.03.2025.