

FACULTY MEMBERS' ACADEMIC PROFILE

1. Name of the Faculty member: SOMA NATH (DEOGHORIA)

2. Designation: Assistant professor

3. Qualification: M.Sc., Ph. D.

4. Specialization: Inorganic Chemistry

5. E-mail address: somadeoghoria@gmail.com

6. Date of Joining in W.B.E.S.: 25.07.2002

7. Date of Joining in this College: 15.05.2026

8. Previous Colleges Served : 1. Lady Brabourne College

2. Krishnagar Government College

3. Barasat Government College

4. Krishnagar Government College

9. Total Teaching experience at the college level: 24 years of teaching experience

10. Research interests: Inorganic Synthesis

11. Title of thesis (Ph.D.) with year: "Synthesis, structure, spectral and magnetic properties of transition metal complexes: Nickel and Manganese", 2004

12. Research guidance: Nil

13. Research Projects (Completed and ongoing): Nil

14. List of publications:

A) Published papers in Journals:

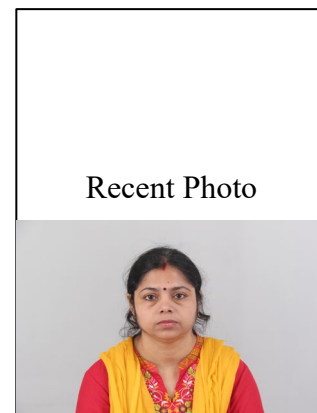
1. "Synthesis, crystal structure and magnetic behavior of two new binuclear complexes bridged by a pentadentate ligand : $[\text{Ni}_2\text{L}_2(\text{NCS})_2](\text{ClO}_4)_2$ and $[\text{Ni}_2\text{L}_2(\text{NCO})_2](\text{ClO}_4)_2$, [L = pentadentate ligand]", *Polyhedron*, **2002**, 21, 2457.

2. "Synthesis, crystal structure and magnetic properties of a new ferromagnetic nickel(II) dimer derived from a hexadentate Schiff base ligand", *Polyhedron*, **2003**, 22, 257.

3. "Synthesis, X-ray crystal structure and magnetic properties of a new binuclear complex derived from a pentadentate Schiff base ligand", *Ind. J. Chem.*, **2003**, 42A, 1004.

4. "Synthesis, characterization and properties of manganese(II) complexes having pseudohalide coordination : X-ray crystal structure of an unusually distorted

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hexacoordinated [Mn(L)(NCS)](ClO₄) species (L = pentadentate Schiff base ligand)", *Ind. J. Chem.*, **2004**, 43A, 329.

5. "Synthesis, crystal structure, and magnetic properties of binuclear Mn^{III}-azido and 1-D polymeric Mn^{II}-μ_{1,3}-thiocyanato novel species based on a neutral hexadentate Schiff base *Polyhedron*, **2005**, 24, 343.

6.. "Synthesis, structure, spectra and redox behaviour of a ruthenium(III) complex with a tripodal Schiff base ligand", *J. Ind. Chem. Soc.*, **2002**, 79, 857.

7. "Magnetic exchange interactions in Transition metal pseudohalide Bridged Complexes" *Aureole*, 2014, Vol-5

B) Conference Proceedings: Nil

15. **Membership of Learned Societies/ Editorial Boards, etc.:** Nil
16. **Patents:** Nil
17. **Awards:** Nil
18. **Other notable activities:** Nil
19. **Participation in**

A) Seminars/Symposia/Conferences/Workshops:

1. **One day workshop under CSIR Integrated skill initiative at CGCRI, Jadavpur on 16.01.2026**
2. **One day national Seminar organized by IQAC Barasat Govt. College and IUPAC on 20.12.2025**
3. **State level seminar on National Science day on 28.02.2025 by Barasat Govt. College**
4. **Malavya Mission Teachers Training Programme under UGC from 05.02.2024 to 16.02.2024**
5. **One day workshop on Syllabus modification under NEP organized by WBSU on 03.11.2023**
6. **Chemistry Webinar attended organized by Barasat Government College on 21.09.2021**
7. **Webinar on Optical Methods of Analysis organized by RBC College, Naihati on 15.08.2020**
8. **Online workshop on CBCS Syllabus organized by WBSU on 06.08.2020 and 07.08.2020**
9. **Chemistry Webinar attended organized by Barasat**

Government College on 18.07.2020

- 10. Seminar on exploring the quantum world organized by Dept, of Chemistry, Barasat Government college on 12.09.2019**
- 11. Seminar on Chemistry at the crossroads organized by Dept. of Chemistry, Barasat Government college on 24.09.2019**
- 12. Seminar on conquiz: A Dialogical and joyful learning organized by Dept. of Chemistry, Barasat Government college on 14.09.2018**
- 13. Seminar on “Policies for higher education in backward region of west Bengal organized by Barasat Government College on 25.02.2016**
- 14. A.P.C.Ray Memorial Symposium on Chemistry and Industry on 02.08.2013 and 03.08.2013**
- 15. Two days’ workshop organized by Lady Brabourne College with DBT star programme on 10.12.2012 and 11.12.2012**
- 16. One day workshop on Practicals in chemistry of CU organized by Scotish Church College on 12.10.2012**
- 17. FIP on computational chemistry organized by Lady Brabourne college on 07.11.2012- 09.11.2012**
- 18. Seminar on Chemistry: Service to society organized by Lady Brabourne College, Dept of Chemiustry And Indian Chemical Society 0n 03.02.2012**
- 19. Seminar to celebrate International year of Chemistry organized by SINP, Kolkata on 15.11.2011**
- 20. Conference on Literature and Film organized by Lady Brabourne college on 07.11.2011 to 09.11.2011**
- 21. Seminar on Acharya P. C. Ray organized by CU on 02.08.2010**
- 22. Seminar on A. P. C. Ray organized by Lady Brabourne College on 28.09.2010**
- 23. Seminar on Emerging Concerns and Advances in**

**Chemistry organized by Indian Chemical Society on
04.02.2010 and 05.02.2010**

**24. National Seminar on Chemistry and Environment
organized by Jogesh Chandra College, Kolkata on
12.09.2009**

B) OP/RC:

- 1. OP- Organized by Academic Staff College, CU from
09.02.2005 to 08.03.2005**
- 2. RC – Organized by Academic Staff College, JU from
02.01.2008 to 22.01.2008**
- 3. RC – Organized by Academic Staff College, JU from
02.01.2014 to 22.01.2014**