



# BARASAT GOVERNMENT COLLEGE

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## TEACHER'S PROFILE

**DR SOMA NATH (DEOGHORIA), DEPARTMENT OF CHEMISTRY**

- **DESIGNATION** : Assistant Professor (Stage3)
- **QUALIFICATION** : M.Sc., Ph.D.
- **DATE OF JOINING THE SERVICE** : Jul 25, 2002
- **DATE OF JOINING THE INSTITUTION** : Jul 3, 2013
- **ADDRESS FOR COMMUNICATION** : 10, K N C Road, Barasat Govt. College, Barasat, Kolkata-700124
- **PHONE NO** : Personal information
- **EMAIL ADDRESS** : somadeoghoria@gmail.com
- **SPECIALIZATION** : Inorganic Chemistry
- **TEACHING EXPERIENCE** : UG Course from July, 2002 till to date
- **COLLEGE SERVED** : (1) Lady Brabourne College (July,2002 to December,2012)  
(2) Krishnagore Govt. College (December,2012 to July,2013)  
(3) Barasat Govt. College (From July,2013 till to date)

<p>➤ <b>ACADEMIC AND ADMINISTRATIVE EXPERIENCE</b></p>	<p>: HE and paper setter of different university and college assignments (from 2002 till to date, Convenor and member of university exam committee (from 2002 till to date), Library Committee (2003 to 2011), Prospectus committee (2015 to 2020), In charge of seminar Library (2003 to 2012 and 2016 till to date)</p>
<p>➤ <b>TOPICS TAUGHT</b></p>	<p>: Crystal field theory, Magnetism, Radioactivity, Atomic Structure, chemical Bonding, Acid base, Analytical Chemistry, Industrial Methods in Inorganic Chemistry, Water and Air Pollution,</p>
<p>➤ <b>AREA OF RESEARCH &amp; INTEREST</b></p>	<p>: Synthesis and Characterization of Inorganic Complexes</p>
<p>➤ <b>ONGOING PROJECT DETAILS</b></p>	<p>: NONE</p>
<p>➤ <b>AWARD RECEIVED</b></p>	<p>: NONE</p>
<p>➤ <b>PATENT DETAILS</b></p>	<p>: NONE</p>
<p>➤ <b>EXTRACURRICULAR ACTIVITIES</b></p>	<p>: NONE</p>
<p>➤ <b>CAREER PROFILE</b></p>	<p>: Received B. Sc. (Chemistry), M.Sc. (Inorganic Chemistry) and Ph. D. (Synthesis and characterization of complexes) from University of Burdwan, West Bengal, India in the year 1996, 1998 and 2004 respectively. At present I am holding a faculty position at the Department of Chemistry, Barasat Govt. College, Barasat, North 24 pgs, West Bengal, India. I have published about 6 research papers in inland and foreign journals.</p>
<p>➤ <b>ACADEMIC LINK</b></p>	<p>: NONE</p>

## PUBLICATION

### JOURNAL PUBLICATION :

- (1) Deoghoria, S., Bera, S. K., Moulton, B., Zawortko, M. J., Tuchagues, J. P., Mostafa, J., Chandra, S. K., 'Synthesis, Crystal Structure and Magnetic Properties of binuclear Mn(III) azido and 1D- Polymeric Mn(II) thiocyanato novel species based on a neutral hexadentate Schiff base', Polyhedron, January, 2005, 0277-5387
- (2) Deoghoria, S., Mostafa, G., Chandra, S. K., 'Synthesis, Characterization and properties of Mn (II) complexes having pseudohalide coordination', Indian Journal of Chemistry, February, 2004, 0975-0975
- (3) Deoghoria, S., Wong, W.T., Chandra, S. K., 'Synthesis, X-ray crystal structure and magnetic properties of a new binuclear complex derived from a pentadentate Schiff base ligand', Indian Journal of Chemistry, May, 2003, 0975-0975
- (4) Deoghoria, S., Sain, S., Soler, M., Wong, W.T., Chandra S.K., 'Synthesis crystal structure and magnetic properties of a new ferromagnetic Ni(II) dimer derived from a hexadentate Schiff base ligand', Polyhedron, May, 2003, 0277-5387
- (5) Deoghoria, S., Sain, S., Moulton, B., Zaworotko, M. J., Bera, S.K., Chandra, S.K., 'Synthesis, Crystal structure and magnetic behaviour of two binuclear complexes bridged by a pentadentate ligand', Polyhedron, August, 2002, 0277-5387
- (6) Deoghoria, S., Sain, S., Karmakar, T., Bera S.K., Chandra, S.K., 'Synthesis, structure, spectra and redox behaviour of a Ru (III) complex with a tripodal Schiff base ligand', Journal of Indian Chemical Society, November, 2002, 0019-4522



**BOOK PUBLICATION**

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