

DR. SANCHY JYOTI BORA
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Education

- 2001 M. Sc. (Chemistry) University of Gauhati, Guwahati, Assam, India.
- 1999 B. Sc. D. R. College, University of Dibrugarh, Assam, India (Chemistry Major).

Other Qualifications

- Graduate Aptitude Test for Engineering (GATE), 2003. Percentile Score: 86.79
- CSIR-UGC National Eligibility Test (NET), LS (Lectureship) June, 2003.
- CSIR-UGC National Eligibility Test (NET), JRF-CSIR (Junior Research Fellow-CSIR) December, 2003.

Teaching Experience / Specialization

- 6 years in Pandu College, Guwahati / Inorganic Chemistry.

Languages

- English, Hindi, Assamese & Bengali.

Other Activities

- Co-ordinator, IGNOU (Partner Institute under Convergence Scheme, PCG 7812).
- Member, Pandu College Research Council.
- Convener, Pandu College Website Committee (<http://www.panducollege.org>).
- Teacher In-charge Debate and Symposium (2010-11).
- Member, Pandu College, Planning board.
- Member, Student Discipline Committee

Research Interest and Activities

- Possesses interest in the field of Inorganic Chemistry with special emphasis on synthesis and characterization of coordination compounds. Familiar with the various routes used in the synthesis of Inorganic compounds including hydrothermal process and their characterization by X-ray crystallography, spectral analyses, thermal analyses etc.
- A UGC sponsored Minor Research Project entitled "Synthetic investigations on some Supramolecular Coordination Solids" had completed recently.

Research Publications

- Chakraborty, M., Ganguli, J.N., **Bora, S.J.** and Das, B.K. *Indian Journal of Chemistry*, **2010**, 49A, pp. 876.
- Das, B. K., **Bora, S. J.**, Bhattacharyya, M. K. and Barman, R. K., *Acta Crystallographica*, **2009**, B65, pp. 467.
- Sarmah, P., Barman, R. K., Purkayastha, P., **Bora, S. J.** Phukan, P. and Das, B. K., *Indian Journal of Chemistry*, **2009**, 48A, pp. 637.
- Bhattacharyya, M. K., **Bora, S. J.** and Das, B. K., *Journal of Chemical Crystallography*, **2008**, 38, pp. 195.
- Chakraborty, R., **Bora, S. J.** and Das, B.K., *Inorganic Chemistry*, **2007**, 46, pp. 9450.
- **Bora, S. J.**, Sarmah, P., Phukan, P. and Das, B.K., *Acta Crystallographica*, **2007**, C63, pp. m392.
- Sarmah, P., Singha, S., Chakraborty, R., **Bora, S. J.** and Das, B.K., *Indian Journal of Chemistry*: **2007**, 46A, pp. 1929.
- Das, B.K., **Bora, S. J.** and Sarmah, P., *Acta Crystallographica*, **2007**, E63, pp. m251.
- Das, B.K., **Bora, S. J.**, Chakraborty, M., Kalita, L., Chakraborty, R. and Barman, R.K., *Journal of Chemical Sciences*, **2006**, 118(6), pp. 487.
- **Bora, S. J.** Chakraborty, M. Ganguli, J.N., Karmakar, S. and Das, B. K., *Journal of Assam Science Society*, 2005. 45, pp. 1.

Participation in Academic Conferences / Seminars / Workshops

- 10th Conference of the Asian Crystallographic Association (AsCA, 2010), October 31- November, 3, 2010, Busan, South Korea.
- 13th Symposium on Modern Trends in Inorganic Chemistry (MTIC-XIII), December 7-10, **2009**, Indian Institute of Science, Bangalore.
- 37th National Seminar on Crystallography (NSC-37), February 6-8, **2008**, Jadavpur University, Kolkata.
- Workshop on Microscale Chemistry, January 18, **2008**, Gauhati University, Guwahati, Assam.
- 8th Conference of the Asian crystallographic Association, AsCA '07, November 4-7, **2007**, Taipei, Taiwan.
- 2nd SERC Summer School in Solid State and Materials Chemistry, June 25-July 14, **2007**, Indian Institute of Science (IISc), Bangalore, India.
- National Workshop on Green Chemistry Practices and Their Applications, April 1-4, **2007**, Cotton College, Guwahati, Assam.
- Workshop on Chemistry Education: Past, Present and Future, May 5, **2006**, Gauhati University, Guwahati, Assam.
- 35th National Seminar on Crystallography (NSC-34), February 22-24, **2006**, National Physical Laboratory, New Delhi, India.
- 34th National Seminar on Crystallography (NSC-34), January 10-12, **2005**, Gauhati University, Guwahati, Assam.
- National Symposium on Current Trends in Chemical Research, February 27-28, **2004**, Gauhati University, Assam.
- 10th Symposium on Modern Trends in Inorganic chemistry (MTIC-X), December 15-17, **2003**, IIT Bombay, Mumbai, India.

Refresher / Orientation Course

- UGC sponsored Orientation Programme, July 22 - August 18, **2010** at Burdwan University, West Bengal.