

Name: Prof. Soumendranath Bandyopadhyay

Designation: Assistant Professor

Branch: Chemistry

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Educational Qualification(s):

Qualification(s)	University
MSc (Chemistry)	IIT Kanpur
Ph.D (Pursuing)	IIT Kanpur

Experience in years:

Academic:

Details:

Sl. No.	Organization	Position Held	Duration	
			From	To
1.	Saha Institute of Nuclear Physics(SINP)	Summer Project	March,2010	July, 2010
2.	IIT Kanpur	Msc. Project	Dec,2011	May,2011
3.	IIT Kanpur	Project assistant	Aug,2011	Dec,2011
4.	IIT Kanpur	PhD	Dec,2011	ongoing
5.	IIT Kanpur	Teaching assistantship (CHM 423)	2014	2014
6.	IIT Kanpur	Teaching assistantship (CSO 202A)	2015	2015
7.	IIT Kanpur	Teaching assistantship (CHM 102A)	Dec,2016	May,2016

Other Information:

a) Publication details.

1) Direct Observations of Coherent Oscillations in Solution due to Microheterogeneous Environment. Dipak Kumar Das, Krishnandu Makhal, **Soumendra Nath Bandyopadhyay**, Debabrata Goswami*. *Scientific reports*, **4**, 6097 (2014). DOI: 10.1038/srep06097

2) Resolution enhancement through microscopic spatiotemporal control. Debabrata Goswami*, Dhiman Das, **Soumendra Nath Bandyopadhyay**, *Faraday Discussions*, **177**, 203-212 (2015). DOI: 10.1039/c4fd00177j

3) On the interferometric coherent structures in femtosecond supercontinuum generation. Sirshendu Dinda, **Soumendra Nath Bandyopadhyay**, Debabrata Goswami*, *Appl. Phys. B*, **122**:148 (2016). DOI:10.1117/12.2253561.

4) Structured interferometry features in femtosecond supercontinuum: towards better understanding of supercontinuum for bio applications, Debabrata Goswami*, Sirshendu Dinda, **Soumendra N. Bandyopadhyay**, *Proc. SPIE*, **10060**, 1006019-1 (2017). DOI: 10.1117/12.2253561.

(b) Details of Seminar/Workshop/Conference.

- 1) IFCPAR (Indo-French Centre for the Promotion of Advanced Research) Workshop on Modern Nonlinear Optics, a Multidisciplinary Approach from Fundamentals to Applications (held at IISc; 12-16 March, 2012. Organized by Solid State and Structural Chemistry Unit, Indian Institute of Science, Bangalore 560012)
- 2) Asian Research Network Workshop for Characterising Semiconducting Materials at High Spatial and Temporal Resolution (held at University of Melbourne; 27-29 January, 2016)
- 3) SDMC 2016 (International meeting on Spectroscopy and Dynamics of Molecules and Clusters) conference (held at Brightland Resort, Mahabaleswar, Pune, 18-21 February, 2016. Organized by IISER Pune)
- 4) Indo-Japan Discussion Meeting on "Frontiers in Molecular Spectroscopy: From Fundamentals to Applications on Material Science and Biology" (held on 13-16 November, 2016. Organized by IIT Kanpur)