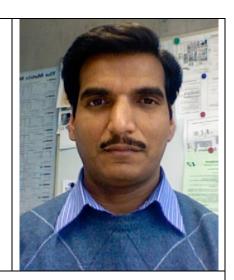
# Dr. Harekrushna Sahoo

#### **Assistant Professor**

Department of Chemistry, NIT Rourkela E-mail: sahooh@nitrkl.ac.in Phone: +91-(0) 8596972772

Home Page: <a href="http://nitrkl.academia.edu/HarekrushnaSahoo">http://nitrkl.academia.edu/HarekrushnaSahoo</a> and <a href="http://sites.google.com/site/hsahoo">http://sites.google.com/site/hsahoo</a>



## **Academic profile**

- M.Sc. (Physical & Nuclear Chemistry), Utkal University, Bhubaneswar, India
- M. Tech. (Corrosion Science & Technology), NIT Durgapur, India
- Ph.D. (Biophysical Chemistry), Jacobs University Bremen, Germany

## **Research & Professional Experience:**

- Assistant Professor, NIT Rourkela, India –May 2012 till date
- Guest Scientist, Max-Bergmann Center, Dresden, Germany January 2012 to May 2012
- Postdoctoral Research Fellow, TU Dresden, Germany January 2010 to December 2011
- Postdoctoral Research Fellow, UMASS-Amherst, USA April 2007 to December 2010
- Research Associate, Jacobs University Bremen, Germany December 2006 to March 2007

## **Research Interest:**

Biophysical Chemistry: Extracellular Matrix, Glycosaminoglycans, Peptide and Protein Dynamics. Fluorescence Resonance Energy Transfer, Fluorescence Correlation Spectroscopy

## **Selected Publications:**

- 1. <u>H. Sahoo</u>, Förster Resonance Energy Transfer-A Spectroscopic Nanoruler: Principle and Applications, Journal Photochemistry and Photobiology C: Photochemistry Reviews, 2011, 12(1), 20-30.
- 2. <u>H. Sahoo</u>, D. Roccatano, A. Hennig, and Werner M. Nau, A 10-Å Spectroscopic Ruler Applied to Short Polyprolines, Journal of the American Chemical Society, 2007, 129(31), 9762-9772.
- 3. <u>H. Sahoo</u>, D. Roccatano, M. Zacharias, and Werner M. Nau, Distance Distributions of Short Polypeptides Recovered by Fluorescence Resonance Energy Transfer in the 10 Å Domain, Journal of the American Chemical Society, 2006, 128 (25), 8118-8119.

## **For Details:** Please see homepage