

DR. JOGENDRA NATH BEHERA

School of Chemical Sciences
National Institute of Science Education and Research
(An autonomous Institution under Department of Atomic Energy,
Govt. of India)
Bhubaneswar 751050
INDIA
Ph: +91-674-249-4167
E-mail: jnbehera@niser.ac.in



Current Position:

Reader-F (October, 2012)

National Institute of Science Education and Research (NISER), (An autonomous Institution under Department of Atomic Energy, Govt. of India), Bhubaneswar, India

Position Held:

Assistant Professor (March 2010- October 2012)

National Institute of Science Education and Research (NISER), India

Postdoctoral Experience:

1. **2009- 2010**

State University of New York, Albany, USA

Research Area: Heterogeneous catalysis in Metal-Organic Frameworks, Heterometallic oxides from single source precursors (Low-temperature multiferroics).

2. **2007- 2009.**

Postdoctoral fellow at University of California, Berkeley, and Visiting Postdoctoral Fellow to Material Science Division, Lawrence Berkeley National Laboratory, Berkeley, USA

Principal Investigator: Prof. Jeffrey R. Long

Research Area: Porous magnetic materials and conducting metal-organic frameworks.

Doctoral work: 2002 – 2007. Indian Institute of Science, Bangalore, India

Thesis Title: “Organically-templated open-framework and hybrid materials”

Thesis Supervisor: Prof. C. N. R. Rao, F. R. S. (BHARAT RATNA)

SPONSORED INDEPENDENT PROJECTS:

1. Controlled Synthesis of Heterometallic oxides from Single-Source Precursors:
Department of Science and Technology (DST) India.
2. Design and Synthesis of Heterogeneous Dirhodium-Based Metal- Organic Framework Catalysts: **Council of Scientific and Industrial Research (CSIR), India**

SUPERVISION

Graduate Students: 3 (continuing)

Undergraduate Students: 5

LECTURES

1. Synthesis and Characterization of Metal-Organic Frameworks (MOFs) For Catalytic Applications, January 24, 2010, University at Albany, State University of New York.
2. Invited Speaker Talk: RSC-CRSI International symposium on Chemical Sciences held in Bhubaneswar, India February 4-6, 2011.
3. Invited Speaker Talk "**Material Science & Nanotechnology**" Delivered a talk on a UGC sponsored Refresher Course in the Dept. of Chemistry, Utkal University, on March 24, 2011.
4. Chairman Talk: "**Porous Crystals for Gas Storage**" XXXVI Indian Social Science Congress, KIIT, Bhubaneswar December 27-31, 2012.
5. Invited Speaker Talk "**Renewable Energy Materials and their Industrial Applications**" Delivered a talk in the Dept. of Materials Science and engineering, IIT Kharagpur, on November 08, 2012.
6. Invited Speaker Talk. "**Low-valent metal complexes and conducting metal-organic frameworks**" **National Seminar & 15th Regional Conference of Orissa Chemical Society 2013**, held in Salipur College, Odisha, on September 14, 2013.
7. Invited Speaker Talk: "**National Seminar on Materials Chemistry and Catalysis (MCC-VI)**" Delivered (Organically-templated Inorganic open-framework materials) in the Dept of chemistry, North Orissa University, on March 26, 2014.

AWARDS AND FELLOWSHIPS

- **JSPS** Visiting Researcher, Department of Chemical Engineering, University of Tokyo, Japan, July-October 2005.