

# Dr. Barada P. Dash

Assistant Professor  
Department of Chemistry  
Rajdhani College, Bhubaneswar  
Department of Higher Education  
Government of Odisha

## Academic Qualifications

Ph.D. (2011)	Northern Illinois University, USA (Chemistry)
M.Tech. (2003)	Indian Institute of Technology (IIT), Bombay (Environmental Science & Engineering)
M.Sc. (1999)	Ravenshaw University (Chemistry)
B.Sc. (1997)	Utkal University, [Chemistry (Hons.), Physics and Mathematics]

## Experience

*Assistant Professor*, Department of Chemistry, *Rajdhani College* (Affiliated to Utkal University), Bhubaneswar [Higher Education Dept., Govt. of Odisha] (Aug. 2023-Till date).

*Assistant Professor*, Department of Chemistry, Siksha 'O' Anusandhan (SOA) [Deemed to be University], Bhubaneswar, Odisha (Feb. 2014- Aug. 2023).

*Marie Curie Fellow*, School of Chemistry, The University of Manchester, UK (2015- 2017).

*Visiting Research Scholar*, School of Chemistry, The University of Manchester, UK (June-August 2014).

## Selected Publications

1. Synthesis and anticancer properties of dendritic glycoconjugates containing multiple *o*-carborane clusters, B. R. Swain, S. R. Jena, S. K. Beriha, C. S. Mahanta, B. B. Jena, T. Prasanth, L. Samanta, R. Satapathy, B. P. Dash, *New Journal of Chemistry*, 2023, 47, 10296-10308.
2. Site-Selective Aerobic C-H Monoacylation of Carbazoles Using Palladium Catalysis, S. Maiti, T. Mandal, B. P. Dash, J. Dash, *Journal of Organic Chemistry*, 2021, 86, 1396-1407.
3. Benzoselenadiazole and benzotriazole directed C-H borylation of conjugated donor-acceptor materials, B. P. Dash, I. Hamilton, D. Tate, D. Crossley, J-S. Kim, M. Ingleson, M. Turner, *Journal of Materials Chemistry C*, 2019, 7, 718-724.
4. Diels-Alder reactions with ethylene and superelectrophiles, H. Vuong, B. P. Dash, S. O. Nilsson Lill, D. A. Klumpp, *Organic Letters*, 2018, 20, 1849-1852.
5. Synthesis and Properties of Carborane-appended C<sub>3</sub>-symmetrical Extended  $\pi$ -systems, B.P. Dash, R. Satapathy, E. R. Gaillard, J. A. Maguire, N. S. Hosmane, *Journal of the American Chemical Society*, 2010, 132, 6578-6587.

## Research Projects

Completed: 6

On-going: 1

## Research Supervision

**Ph.D.:** Completed: 3; On-going: 1

**M.Sc.:** Completed: 25

## Awards & Recognitions

Marie Curie Fellowship, The University of Manchester, UK (2015-2017)

Visiting Fellowship, The University of Manchester, UK, 2014

Postdoctoral Fellowship, Northern Illinois University (NIU), USA (2011-12)

Graduate Research & Teaching Assistantships, Northern Illinois University, USA (2006-10)

Junior & Senior Research Fellowships (CSIR-NET), IIT Bombay (2001-04)