



Berhampur University

P.G. Dept of Chemistry
Bhanjabihar, Berhampur
Odisha, INDIA, PIN-760007



Dr. Bibhuti Bhusan Parida

Asst. Professor

Email:

bbp.chem@buodisha.edu.in

Phone. 7752057108

<http://bamu.nic.in/>

▪ **Personal details:**

Dr. Bibhuti Bhusan Parida

Assistant Professor, P.G. Dept of Chemistry, Berhampur University

▪ **Research Area:**

Synthetic Organic Chemistry:

(Total Synthesis, Asymmetric Synthesis, Methodology development, Medicinal Chemistry, Drug discovery)

▪ **Educational Qualification: M. Sc. -Utkal University (2003)**

(Specialization: Advanced Organic Chemistry)

Ph. D. IICT-Hyderabad (2010)

(Supervisor: Dr S. Chandrasekhar, Director- IICT)

CSIR-NET-JRF (2002, 2003 & 2004)

▪ **Postdoctoral Research:**

2014-2016 : **Postdoctoral Research Fellow**
Institut Curie, Paris, France

2011-2014 : **Postdoctoral Research Fellow**
Wayne State University, Michigan, USA

▪ **Work Experience:**

Asst. Professor, IIT Bhubaneswar (Aug 2016-Nov 2021)

▪ **Thesis Supervision:**

M. Phil -01

Amir Kumar Bishoyi, 2019

Title: Exploring cotarnine-alkene cross coupling: Synthesis of substituted tetrahydroisoquinolenes

Ph. D. (ongoing)-03

▪ **Publications:**

1. Synthesis of Acyl Derivatives of Cotarnine
Laxmidhar Rout, **B. B. Parida**, Ganngum Phaomei, Bertounesque Emmanuel and Akhila Kumar Sahoo; *Organic Synthesis* **2018**, *95*, 455-471
2. Metal Free Activation of C(SP³)-H Bond, Practical and Rapid Synthesis of Privileged 1-Substituted-1,2,3,4- Tetrahydroisoquinolines
Santos Kumar Choudhury, Pragati Rout, **B. B. Parida***, Jean-Claude Florent, Ludger Johannes, Ganngam Phaomei, Emmanuel Bertounesque*, and Laxmidhar Rout*
Eur. J. Org. Chem. **2017**, 5275–5292
3. Metal-Free Activation of a C(sp)-H Bond of Aryl Acetylenes
Laxmidhar Rout, **B. B. Parida***, Jean-Claude Florent, Ludger Johannes, Santosh Kumar Choudhury, Ganngam Phaomei, Joe Scanlon, and Emmanuel Bertounesque*
Chem. Eur. J. **2016**, *22*, 14812–14815
4. HDAC inhibitor misprocesses *bantam* oncomiRNA, but stimulates *hid* induced apoptotic Pathway
Utpal Bhadra*, Tanmoy Mondal, Indira Bag, Debasmita Mukhopadhyay, Paromita Das, **B. B. Parida**, Prathama S. Mainkar, Chada Raji Reddy, and Manika Pal Bhadra* *Scientific Report* **2015**, *5*, 14747
5. Cross coupling of cyclopropanols: concise syntheses of Indolizidine 223AB and Congeners
N N Rao, **B. B. Parida** and Jin Kun Cha*, *Org. Lett.* **2014**, *16*, 6208–6211
6. Hydroxyl directed cyclopropanation of esters: Preparation of 1,2,3-trisubstituted Cyclopropanol
Dmitry Astshko, J K Cha*, N N Rao and **B. B. Parida**, *Eur. J. Org. Chem.* **2014**, 181–187
7. C-Acylation of Cyclopropanols: Preparation of Functionalized 1,4-Diketones
B. B. Parida, Pragna Pratic Das, Mathilde Niocel and Jin Kun Cha*, *Org. Lett.* **2013**, *15*, 1780–1783
8. Stereoselective synthesis of 2, 6-trans-Tetrahydropyrans
B. B. Parida, Ivan, L. Lysenko and Jin Kun Cha*, *Org. Lett.* **2012**, *14*, 6258–6261
9. Organozinc-promoted ring opening of cyclopropanols
Pragna Pratic Das, **B. B. Parida** and Jin Kun Cha*, *ARKIVOC* **2012**, (ii), 74–84
10. Stereoflexible total Synthesis of (-)-Epiquinamide
Srivari Chandrasekhar*, **B. B. Parida** and Ch. Rambabu, *Tetrahedron Lett.* **2009**, *50*, 3294– 3295
11. Total synthesis of Hyacinthacine A₁, a glycosidase Inhibitor
Srivari Chandrasekhar*, **B. B. Parida** and Chegondi Rambabu, *J. Org. Chem.* **2008**, *73*, 7826–7828.
12. Chiral Pyrrolidine-triazole conjugate catalyst for asymmetric Michael and Aldol reactions
S. Chandrasekhar*, Bhopendra Tiwari, **B. B. Parida** and Ch. Raji Reddy, *Tetrahedron Asymmetry*, **2008**, *19*, 495–499
13. A Pd(OAc)₂-mediated one-pot synthesis of trisubstituted alkenes via Michel addition of a stabilized ylide to Baylis-Hillman adducts" A. Sai Krishna Murthy*, C. Rambabu, K. Vijender, **B. B. Parida** and S. Chandrasekhar, *Synlett*, **2007**, 0494–0496
14. Reductive N-alkylation of aromatic amines and nitro compounds with nitriles using Polymethylhydrosiloxane, Ch. Raji Reddy, K. Vijender, **B. B. Parida**, P. Phani Madhavi and S. Chandrasekhar*, *Tetrahedron Lett.* **2007**, *48*, 2765–2768.

- **Projects (On-going) : (as sole Principal Investigator)**

SERB Project (2019-2021)	Total budget: Rs. 27,66,373/-	“N-heterocycle based.....drugs development”
UGC-Startup Project (2019-2021)	Total budget: Rs. 10,00,000/-	“Diverse click-triazoleanticancer drug”
S & T Project (Govt.of Odisha) (2019-2022)	Total budget: Rs. 9,94,000/-	“Anticancer Drughealth And Well-being”

- **University Administration:**

- **Hostel:**

- Asst. Superintendent-Bansadhara Boys Hostel 2018-2020 and 2020-2022

- **Committee members:**

- In University: -Board of Residence (2018-till date)

- Member in NIRF team-2019 & 2020

- Faculty-In-Charge, Seminar, Dept. of Chemistry (2019-2021)

- Outside University: Joint Secretary, Orissa Chemical Society (OCS) 2019-till date

- **Awards/Recognitions:**

- -Prof. R. C. Tripathy memorial award, by Orissa Chemical Society (OCS)-2019

- -Institute Curie Fellowship (Postdoctoral Fellowship), 2014-2016 .

- -Wayne State University, USA, Postdoctoral Fellowship, 2011-2014.

- **Country visited:** USA, England, France, Switzerland, Sweden, Denmark, Germany, Italy and other European countries

- **Professional membership:**

- -ACS membership

- -Life member: SOCIÉTÉ DE CHIMIE THÉRAPEUTIQUE (THERAPEUTIC CHEMISTRY SOCIETY),France

- -Patron member: (Orissa Chemical Society)

- **Invited Talks (International and National Conference/Seminar):**

- Mar 2020 National Conference on Organic Synthesis NCOS-2020 at Berhampur University, Mar 2-3, 2020

Dec 2019	National Conference on Recent Advancement in Material Sciences" (RAIMS-2019) & 33rd Annual Conference on Orissa chemical Society at VSSUT Burla, Dec 24-25, 2019 (Prof. R C Tripathy memorial award talk)
Dec 2019	Resource Person in Research Methodology Workshop in Science at Berhampur University ,Dec 22-24, 2019
Dec 2019	Resource Person in seminar on Organic Photochemistry at RCM Science College, Khallikote, Dec 10, 2019
Oct 2019	National Conference On Recent Advances On energy, Environment And Health Sciences (RAEEHS-2019) at Siksha O Anusandhan (SOA)-Univesrity, Bhubaneswar (Oct 18-19, 2019)
Mar 2019	International conference on Chemical and Biological Sciences in Drug Discovery-2019 (IC-CBSDD-219; Mar 8-10, 2019)
Dec 2018	NISER, Bhubaneswar, India, "National Bioorganic Chemistry Conference (NBCC)" (Dec 22-24, 2018).
Dec 2018	National Institute of Technology, Rourkela, India, National Conference on "Advanced Materials for Energy and Environmental Applications (AMEEA-2018)" (Dec 12-14, 2018)
Dec 2017	National Institute of Technology, Rourkela, India, National Conference on "Biomolecular Dynamics-Experimental and Theoretical Perspectives-(BDETP-2017)" (Dec 18-20, 2017)
Mar 2017	Berhampur University, Berhampur, India, "Interntional Conference on Recent Trends of Chemical and Biological Sciences in Medicine, Natural Products and Drug discovery (IC-RTCBSMNPDD-2017)" (Mar 3-5, 2017)
June 2016	Lund University, Sweden, " <i>Inhibition of Shiga Toxin</i> " -N-Acetyl Glu-Sugar Scaffolds As Inhibitors of Shiga Toxin (Jun 2-4, 2016)
June 2015	University of Kent, Canterbury, England, " <i>Young Scientists Retreat-2015</i> " organized by Cambridge Institute for Medical Research (CIMR) and Institute Curie (Jun 21-25, 2015)
April 2015	Paris, France, One-Day Thematic Symposium of the SCT (Societe de Chimie Therapeutique) on "Chemical Biology: Bioorthogonal Chemistry contributing to Molecular Therapeutic Innovation" (April 8, 2015)
Mar 2009	Delhi University, India "13 th ISCB International Conference on Interplay of Chemical and Biological Sciences: Impact on Health and Environment" (26 th Feb-1 st Mar 2009)

▪ **Participation in Conferences, symposium:**

Aug 2018	Participated in the two-day DAE BRNS-IANCAS National Workshop on " Radiochemistry and Applications of Radioisotopes " at Department of Chemistry, Ravenshaw University Cuttack (Aug 23-24, 2018)
Sept 2018	Participated in the 3-Day national NMR Workshop at IISER Berhampur (Sep 24-26, 2018)
Dec 2016	Participated in the 30 th annual conference of " Orissa Chemical Society " held at KIIT, Bhubaneswar, India (Dec 24-25, 2016)
Feb 2015	Presented poster in the 22 nd international "Young Research Fellow Meeting (YRFM)-Biology and Chemistry: a permanent dialogue", held at

- Sept 2011 Biotech-Romainville, Paris, France (Feb 4-6, 2015)
Presented poster in the "Schaap Chemistry Symposium" held at Wayne State University, USA (Sep 2011)
- Nov 2008 Presented poster in the International conference on "Asian Symposium on Medicinal Plants, Spices and Other Natural Products" (ASOMPS)-XIII, held at IICT, Hyderabad, India (Nov 3-6, 2008)
- Jan 2006 Presented poster in the International conference on "Advances in Organic Chemistry and Chemical Biology" (AOCCB)-2006 held at IICT, Hyderabad, India (Jan 11-12, 2006)
- Oct 2005 Participated in the International conference on "Indo-French Conference on Organic Synthesis" held at IICT, Hyderabad, India, (Oct 23-25, 2005)
- Apr 2005 Participated in the International conference on "Organic Synthesis and Process Chemistry" (OSPC) held at IICT, Hyderabad, India (Apr 1-3, 2005)
- **Conference Organizing committee:**
 - Mar 2020 Organizing secretary, in National conference on Organic Synthesis- N-COS-2020 (Mar 2-3, 2020)
 - Dec 2019 Organizing committee member in Research Methodology Workshop in Science Dec 22-24, 2019 at Berhampur University
 - Mar 2019 Organizing Secretary, in International conference on Chemical and Biological Sciences in Drug Discovery-2019 (IC-CBSDD-2019), Mar 8-10, 2019
 - Feb 2019 Organizing committee member in Research Methodology Workshop Feb 12-16, 2019 at Berhampur University.
 - Mar 2017 Rapporteur, in the "International Conference on Recent Trends of Chemical and Biological Sciences in Medicine, Natural Products and Drug discovery (IC-RTCBSMNPDD-2017)" held at Berhampur University, Berhampur, India (Mar 3-5, 2017)
 - Feb 2015 Member, **International Advisory committee** (Institute Curie, Paris-France), in the "International Conference on Innovative Applications of Chemistry in Pharmacology and Technology"-IC-IACPT-2015 held at Berhampur University, Berhampur, India (Feb 6-8, 2015)
 - **Webinars (International/National/State level):** Invited talk and attended (26 Nos.)