

Profile Photo



Web link: <https://sites.google.com/view/bbparida/home>

To be placed under: HoD/ Faculty/ Former Faculty

Name: Dr Bibhuti Bhusan Parida

Designation: Assistant Professor

Qualification: Postdoc (WSU-USA, Institute Curie-France), PhD: CSIR-IICT Hyderabad

Phone No.: 7752057108

ORCID: <https://orcid.org/0000-0001-8623-0429>

VIDWAN ID: <https://vidwan.inflibnet.ac.in/profile/115882>

Google Scholar ID:

https://scholar.google.com/citations?view_op=search_authors&mauthors=bibhuti+bhusan+parida&hl=en&oi=drw

E-mail ID: bbp.chem@buodisha.edu.in

Research Area: Synthetic Organic Chemistry-Total Synthesis, Asymmetric Synthesis, Methodology Development, Medicinal Chemistry, Drug discovery.

Publication:

1. Synthetic Strategies for the Anticoagulant Warfarin and its Analogs Swadhin Swaraj Acharya Sagarika and Bibhuti Bhusan Parida*, Communicated 2023
2. Recyclable Lanthanine-Pd based nano catalysis in Suzuki cross coupling in Biaryl Synthesis. Smitabala Panda, Sagarika Patra, Swadhin Swaraj Acharya, Ganngam Phaoemei, Bibhuti Bhusan Parida, Communicated 2023.

3. Synthesis and Characterization of β -CD Functionalized $\text{Fe}_3\text{O}_4/\text{Ba}_3(\text{VO}_4)_2$: Eu^{+3} and its application as Drug carrier and Alcohol Sensor. Sangita K. Swain, Bibhuti Bhusan Parida, Ganggam Phaomei, Sukanta K. Tripathy *Research Journal Berhampur University*. June, 2023 Vol V; ISSN-2250-1681.
4. Effect of β -cyclodextrin decoration on structural, optical and magnetic properties of luminescent magnetic nanoparticles and its application as a drug carrier. Sangita Kumari Swain, Ganggam Phaomei *S.K. Tripathy, Ningombam Yaiphaba, Rajkumari Bindiya Devi, Sashikanta Nayak, B. B. Parida, *Journal of Molecular Structure*, 2022, 1247, 131330.
5. Synthesis of Acyl Derivatives of Cotarnine
Laxmidhar Rout, **B. B. Parida**, Ganggam Phaomei, Bertounesque Emmanuel and Akhila Kumar Sahoo; *Organic Synthesis* **2018**, 95, 455-471.
6. 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, Ganggam Phaomei, Emmanuel Bertounesque*, and Laxmidhar Rout* *Eur. J. Org. Chem.* **2017**, 5275–5292.
7. 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, Ganggam Phaomei, Joe Scanlon, and Emmanuel Bertounesque* *Chem. Eur. J.* **2016**, 22, 14812–14815.
8. 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.
9. 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.
10. 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.
11. 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.
12. Stereoselective synthesis of 2, 6-trans-Tetrahydropyrans
B. B. Parida, Ivan, L. Lysenko and Jin Kun Cha*, *Org. Lett.* **2012**, 14, 6258–6261.
13. Organozinc-promoted ring opening of cyclopropanols
Pragna Pratic Das, **B. B. Parida** and Jin Kun Cha*, *ARKIVOC* **2012**, (ii), 74–84.

14. Stereoflexible total Synthesis of (-)-Epiquinamide
Srivari Chandrasekhar*, **B. B. Parida** and Ch. Rambabu, *Tetrahedron lett.* **2009**, *50*, 3294–3295.
15. Total synthesis of Hyacinthacine A1, a glycosidase Inhibitor
Srivari Chandrasekhar*, **B. B. Parida** and Chegondi Rambabu, *J. Org. Chem.* **2008**, *73*, 7826–7828.
16. 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.
17. A Pd(OAc)₂-mediated one-pot synthesis of trisubstituted alkenes via Michel addition of astabilized ylide to Baylis-Hillman adducts" A. Sai Krishna Murthy*, C. Rambabu, K. Vijender, **B. B. Parida** and S. Chandrasekhar, *Synlett*, **2007**, 0494–0496.
18. 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.

Educational Qualification:

M. Sc. -Utkal University (2003)
(Specialization: Advanced Organic Chemistry)

Ph. D. CSIR-IICT-Hyderabad (2010)
(Supervisor: Dr S. Chandrasekhar, Former Secretary, DST, GoI and former Director- CSIR-IICT)

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

Work Experience:

Asst. Professor (Berhampur University (2017 -Continuing))

Asst. Professor, IIIT Bhubaneswar (Aug 2016-Nov 2017)

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

Postdoctoral Research (2011-2014):
Postdoctoral Research Fellow
Wayne State University, Detroit, Michigan, USA

Research Guidance:

M. Phil -01

Amir Kumar Bishoyi, 2019

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

Ph. D. (ongoing)-04

Project (On-going/Completed) : as Sole PI

Funding Agency	Duration	Budget(Rs)
SERB	2019-2021	Rs. 27,66,373/-
UGC Startup	“N-heterocyclebased.....drugs development” 2019-2021	10,00,000/-
S & T- Dept, Odisha	“Diverse click-triazole.... anticancer drug” 2019-2022	9,94,000/-
	“Anticancer Drughealth And Well-being”	

Course Taught:

M. Sc. Chemistry: CHEM C101 (Organic Chemistry-I), CHEM C201 (Organic Chemistry-II),

CHEM E302 (Organic Synthesis), CHEM E403 (Bio-organic Chemistry)

CHEM VAC307 (Value added Course), CHEM CT300 (CBCT course)

CHEM P105 (Organic Practical). BIOT-C-106

Honors and Awards:

-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 (Academic):

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)
 - CRSI Life member
 - MRSI Life Member.
- Joint Secretary, Orissa Chemical Society (OCS) 2019-2021
Executive Body Member, Orissa Chemical Society (OCS) 2021

University Administration:

Coordinator: School of Education (SOE), Berhampur University (Feb 2023 & Continuing).
Hostel: Asst. Superintendent-Bansadhara Boys Hostel 2018-2020 and 2020-2022.

Committee members:

- In University: -Board of Studies Member, Chemistry, Berhampur University (2021-till date)
-Board of Studies Member, Chemistry, Rayagada (Auto.) College (2021-till date)
-DRC Members, Chemistry (2017-till date)
-DRDC Member, Chemistry (2020-till date)
-Board of Residence, Boys Hostel (2018-2022)
-Former Member in NIRF team-2019 & 2020
-Faculty-In-Charge, Seminar, Dept. of Chemistry (2019-2021)
-NAAC committee member-2022
-Chemistry Dept-Webpage coordinator: 2022-till date

Invited Talks (International and National Conference/Seminar):

- | | |
|-----------|--|
| Sept 2023 | Resource Person at KIIT-CRSI symposium 5 th Sept, 2023 |
| May 2022 | Birth Centenary Summit of Prof (Dr) Gokulananda Mahapatra, at Sarala Bhavan, Cuttack, May 22-24, 2022, Organized by GNM foundation, Cuttack. |
| Mar 2022 | 35th Regional Conference of Orissa Chemical Society and National Seminar on Frontiers in Recent Chemical Research (FRCR), Kendrapara Auto College, Mar 13-14, 2022 |
| Mar 2022 | Resource Person at RCM Science College, Khallikote, Mar 11, 2022 |
| Dec 2021 | 35th Annual conference of Orissa Chemical Society and National Seminar on Frontiers in Chemical Sciences (FCS-2021), Dec 18-19, 2021 by Maharaja Sriram Chandra Bhanj Deo University, Baripada-757 003, Odisha |
| Feb 2021 | International Seminar on Recent advances in Chemistry and material Sciences-2020 by Indian Chemical Society & American Chemical Society. Kolkata (Online), 22nd Aug 2020 |
| 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	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 Biotech-Romainville, Paris, France (Feb 4-6, 2015)
Sept 2011	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:

Nov 2023	As Convener in National Conference on "Emerging Frontiers in Chemical Sciences" 2023 NCeFCS 2023 (Nov 5-6,2023), Organized by P. G. Dept. Of Chemistry, Berhampur University
Mar 2023	As Convener in National Conference on Recent Advances in Chemical Sciences 2023 NCRACS 2023 (Mar 19-20, 2023), Organized by P. G. Dept. Of Chemistry, Berhampur University
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 (ICRTCBSMNPDD-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 (35 Nos.)