




Gangadhar Meher University, Sambalpur (Faculty Profile)

Name	Dr. Raghunath Satpathy			
Designation	Assistant Professor			
School	Biotechnology			
Address (Office)	School of Biotechnology, Gangadhar Meher University, Sambalpur, Odisha, PIN-768004			
Address (Residence)	House No. 58, Sahajog Nagar, Budharaja, Sambalpur, Odisha -768004			
Voice (Landline/Mobile)	9437119053			
Email	rnsatpathy@gmail.com			
Alternate Email	rsatpathy@gmuniversity.ac.in			
ORCID ID	0000-0001-5296-8492			
Researcher ID	AAX-8549-2020			
SCOPUS ID	47962702200			
PubMed ID	https://pubmed.ncbi.nlm.nih.gov/?term=raghunath+satpathy&sort=date			
Qualifications				
Degree	Institution	Year	Subject Details	
BSc	Utkal University	2000	Botany (Hons), Chemistry, Zoology	
MSc	Berhampur University	2002	Botany (Special Paper Biotechnology)	
M.Tech	VIT University, Vellore	2008	Biotechnology	
PhD	Sambalpur University	2018	Biotechnology	
Any other : Advanced P.G Diploma in Bioinformatics	University of Hyderabad	2005	Bioinformatics	
Areas of Interest/ Specialization				
Bioinformatics				
Teaching/Research Experience				
Organization/Institution	Designation	Duration	Role	
Gangadhar Meher University	Assistant Professor	6 months (Continuing)	Teaching and research	
Majhighariani Institute of Technology and Science	Assistant Professor	11 years 8 months	Teaching and research	
Awards and Honors (Top Five only)				
<ul style="list-style-type: none"> • 2019: Dr. APJ Abdul Kalam Award for Teaching Excellence (Marina Lab R& D, Chennai) • 2018: Research Excellence Award (Awarded by IEAE Society, Karnataka, India) • 2017: IRSD- Bright Researcher Award (Biotechnology) (Green ThinkerZ Society, Mohali) • 2017: Senior Educator and Researcher Award (NFED Society, Coimbatore) 				
International Collaboration/Consultancy (Top Five only)				
NIL				
Extra-mural Projects (Give Details)				
Completed : NIL Projects in hand : NIL Projects submitted: NIL				
Ph. D. Guidance				
Guided (0), Guiding (0)				

Publications	
Number of Publications:	
Books/Monographs :	Total (01), Last Five Years (01), Last Three Years (01), Last One Year (01)
Book Chapters :	Total (10), Last Five Years (09), Last Three Years (05), Last One Year (02)
Research papers:	Total (24), Last Five Years (12), Last Three Years (03), Last One Year (03)
Reviews:	Total (05), Last Five Years (05), Last Three Years (04), Last One Year (02)
Best Peer/Review Publications (Up to 5)	
<ol style="list-style-type: none"> Satpathy, R. (2020). Application of Molecular Docking Methods on Endocrine Disrupting Chemicals: A Review. <i>Journal of Applied Biotechnology Reports</i>, 7(2), 74-80. DOI: 10.30491/jabr.2020.108287 (SCOPUS) Satpathy, R. (2019). Quantitative structure–activity relationship methods for the prediction of the toxicity of pollutants. <i>Environmental Chemistry Letters</i>, 17(1), 123-128. https://doi.org/10.1007/s10311-018-0780-1 (SCI) Satpathy, R., Konkimalla, V. B., & Ratha, J. (2017). Microbial dehalogenation: 3-chloropropanoic acid (3-CPA) degradation as a case study. <i>Microbiology</i>, 86(1), 32-41. DOI: 10.1134/S0026261716060175 (SCI) Satpathy, R., Konkimalla, V. B., & Ratha, J. (2016). In silico phylogenetic analysis and molecular modelling study of 2-haloalkanoic acid dehalogenase enzymes from bacterial and fungal origin. <i>Advances in bioinformatics</i>, 2016., Article ID 8701201, 10 page, http://dx.doi.org/10.1155/2016/8701201. (SCOPUS) Satpathy, R., Konkimalla, V. B., & Ratha, J. (2015). Application of bioinformatics tools and databases in microbial dehalogenation research: A review. <i>Applied biochemistry and microbiology</i>, 51(1),11-20. DOI:10.1134/S0003683815010147 (SCI) 	
Paper Presentation in Major Conferences (Up to 5)	
<ol style="list-style-type: none"> Raghunath Satpathy, VB Konkimalla, J Ratha, Identification of novel dehalogease enzyme producing bacteria for microbial degradation of 3-Chloropropionic Acid (3 CPA) , National conference on Recent advances in Biotechnology and Biofuel, Bilaspur University September 12-13, 2016 page no. 9. Raghunath Satpathy, VB Konkimalla, J Ratha, Protein engineering and design in bacterial haloalkane dehalogenase : A Bioinformatics based approach, International conference on Recent advances in computer science and Information Technology, Bengaluru, July 24,2016, page no. 58. ISBN: 978-93-86083-69-2. . Raghunath Satpathy, Rashmiranjan Behera, Biswajit Nayak Chloride-ion Proline interaction in Haloalkane dehalogenase: A computational approach, National seminar on Science Technology for Human Development, Siksha ‘O’ Anusandhan University,December 05-06,2014. Raghunath Satpathy, Vimal Yadav, Rajesh Kumar Guru, Rashmiranjan Behera, <i>In silico</i> based investigation of anti-renal cancer compounds by molecular docking method. National seminar on Vedic studies & information technology, 23-24 August 2011. Raghunath Satpathy, Rasmiranjan Behera, Rajesh Guru, <i>In silico</i> study of NP antigenic peptide cross immunity among Indian 2009 and 1980 H1N1 viral strains, National Conference on Cellular and Molecular immunology, Andhra University, September 25-26 2010. 	
Patents (if any)	
Filed: (0), Accepted: (0)	
Events (Seminar/Symposium/Webinar/Workshop/FDP/Conference etc.) organized in capacity of convener/co-convener	
National: (01), International: (0)	
Memberships of Professional Bodies/Societies (Up to 5)	
<ul style="list-style-type: none"> Odisha Bigyan Academy (OBA) (Membership No.: 626) Society for applied Biotechnology (SABT) (Membership No.: LM/147) Biochemical Technology Society (BTS) (Membership No.: 5346-2754-3178-1068) International society for research and development (ISRD) (Membership No. M4150900753) Asia-Pacific Chemical, Biological& Environmental Engineering Society (APCBEES) (Membership No.: 201778) 	
Other Details (Academic/Research Related)	
<ul style="list-style-type: none"> 2020: Two week International on-line FDP on " Bioinformatics, Big Data and Drug Discovery – Prospects & Challenges" conducted by Govind Ballabh Pant Institute of Engineering & Technology (GBPIET), Pauri, Uttarakhand (14.09.2020-24.09.2020) 2020: 14 days On-line Certificate programme on “ Advanced Research Methodology and Data Analysis” conducted by ASBM University, Bhubaneswar (1.07.2020- 14.07.2020) 2020 (January - April): Successfully completed NPTEL 12 week Online Certification course on “ Bioinformatics: Algorithm and Applications” (IIT Madras) 2019: (July-October): Successfully completed NPTEL 12 week Online Certification course on “Genetic Engineering: Theory and Applications” (IIT Guwahati) with Score 75% and Elite recognition 2012:Two week Academies Refresher course on <i>Experimental Biology</i> (IISER Kolkata from 19th -31st Dec 2012) 2012:High impact teaching skills (by WIPRO Mission 10X trainer) 17th -21st April 2012 	

- 2011: One week QIP short term courses on Environmental Biotechnology and Metagenomics (IIT Kharagpur from 2nd - 9th Dec 2011)
- 2007: Qualified GATE in Life Science
- 2006: Qualified CSIR-UGC NET (National Eligibility Test) for Lectureship in Life Science
- 2003: Qualified GATE in Life Science
- 2002: Qualified GATE in Life Science

Research Matrix [Current]

Database	Total citations	Total publications	Open Access	h-index
WoS	16	07		03
Publons	16	24		03
Scopus	22	16		03
PURE				
GS	83	42		05
RG	80	54		
ICI				

Rajhans Chakraborty

(Signature)