

Faculty Profile

Name: Rabinarayan Parhi

Designation: Assistant Professor

Department/Centre: Pharmaceutical Sciences

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Educational Qualifications: M. Pharm (Pharmaceutics), Indian Institute of Technology-Banaras Hindu University (IIT-BHU) (2008); Ph. D in Pharmaceutical Sciences, Berhampur University (2017)

Areas of Interest: Pharmaceutical formulations, Novel drug delivery systems, Transdermal and topical drug delivery, Penetration enhancers, Microneedles, 3D printing of pharmaceutical dosage forms.

Work Experience: [In chronological order with the recent one at the last.]

Name of the Organization	Designation	Period		Nature of Post (permanent/temporary/ Adhoc/ contractual etc.)
		From	To	
SMT. B.N.B. Swaminarayan Pharmacy College, Vapi, Gujarat.	Lecturer	15/07/2008	14/01/2009	Permanent
Institute of Pharmacy, GITAM, Deemed to be University, Visakhapatnam, Andhra Pradesh	Assistant Professor	27/01/2009	31/01/2020	Permanent

Department of Pharmaceutical Sciences, Assam University (A Central University), Silchar, Assam.	Assistant Professor	03/02/2020	Continuing	Permanent
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Awards and Honours (if any): [Maximum upto 5]

Award Details	Awarding Agency	Year	Remark
Research Paper Award	Indian Drug Manufacturers' Association (IDMA)	2011	----
Scholarship During M. Pharm.	University Grant Commission (UGC)	2006-2008	----

Projects: [In chronological order with the recent one at the last. Mention shall be made if the project is ongoing or completed]

Project Title	Awarding Agency	Period	Amount Sanctioned	Ongoing/ Completed
Formulation Development and Evaluation of Transdermal Bioadhesive Gel of Metoprolol Succinate using Novel Penetration Enhancers for the Treatment of Hypertension	University Grant Commission (UGC)	2013-2016	1.3 LACS	Completed

Consultancy/International Collaboration: [In chronological order with the recent one at the last.]

Details	Year	Remark (if any)

Publications in Peer Reviewed Journals/Book Chapters (Maximum 5)

Authors	Title of the Paper/Chapter	Name of the Journal/Book	Journal/Book details	ISSN/ISBN
Rabinarayan Parhi	Drug delivery applications of chitin and chitosan: a review.	Environmental Chemistry Letters. (SpringerNature; IF-5.922)	18(3): 577-594; 2020. DOI: 10.1007/s10311-020-00963-5.	1610-3653
Rabinarayan Parhi, V.V. Nishanth Goli.	Design and Optimization of Film Forming Gel of Etoricoxib using Research Surface Methodology	Drug Delivery and Translational Research (SpringerNature; IF-2.664)	10: 498–514; 2020. DOI: https://doi.org/10.1007/s13346-019-00695-2	2190-3948
Rabinarayan Parhi, Padilam Suresh.	Transdermal delivery of Diltiazem HCl from matrix film: Effect of penetration enhancers and study of antihypertensive activity in rabbit model	Journal of Advanced Research (Science Direct; IF-6.992)	7 (3): 539–550; 2016 DOI: https://doi.org/10.1016/j.jare.2015.09.001	2090-1232
Rabinarayan Parhi, Padilam Suresh	Formulation optimization and characterization of transdermal film of simvastatin by response surface methodology	Materials Science and Engineering C. (Science Direct; IF-5.880)	58: 331–341; 2016 DOI: 10.1016/j.msec.2015.08.056	0928-4931
Rabinarayan Parhi	Development and optimization of pluronic ® F127 and HPMC based thermosensitive gel for the skin delivery of metoprolol succinate	Journal of Drug Delivery Science and Technology (Science Direct; IF-2.734)	36: 23-33; 2016 DOI: https://doi.org/10.1016/j.jddst.2016.09.004	1773-2247

Books Authored/Edited Books (Maximum 5)

Authors	Title of the Book	ISBN	Published Details	Authored/ Edited
Suryakanta Swain, Sarwar Beg, Rabinarayan Parhi	Molecular pharmaceuticals: Nanotechnology and targeted drug delivery systems (Textbook)	978-93-88320-02-3	Woodhead Publishing India Pvt. Ltd. (ELSEVIER); 2019	Authored and Edited
Rabinarayan Parhi , Suryakanta Swain, S. Manohar Babu	Characaterizations of lipid based nanostructured systems	978-3-330-35155-4	LAMBERT Academic Publishing (LAP), Germany; 2017	Authored
Rabinarayan Parhi	Development and optimization of Thermosensitive gel of Metoprolol	978-3-659-97236-2	LAMBERT Academic Publishing (LAP), Germany; 2016	Authored

Peer Reviewed Publications in Proceedings of National/International Conference/Workshop/ Symposium (Maximum 5)

Authors	Title of the Paper	Name of the Program and Organizer	Publisher Details	ISBN/ISSN
Parhi R , Shah P, Garg A, Chakraborty S, Mishra A, Singh Sanjay.	Effect of natural permeation enhancers on In-vitro percutaneous permeation of aceclofenac through abdominal skin of mouse	International conference on emerging trends in Biotechnology, School of Biotechnology, IIT-BHU, Varanasi	School of Biotechnology, IIT-BHU, Varanasi	
Parhi R , Garg A, Jain A, Singh S.	Formulation of topical bioadhesive gel of Aceclofenac using 3 level Factorial Design	60 th Indian Pharmaceutical Congress, Netaji Subhash Institute of Technology, New Delhi	Netaji Subhash Institute of Technology, New Delhi	
Tiwari S, Parhi R , Singh S.	Formulation and evaluation of	59 th Indian Pharmaceutical	Department of Pharmaceutics	

	buccoadhesive films of Miconazole nitrate for prolonged intra-oral delivery using L9 orthogonal design	Congress, Department of Pharmaceutics, IIT-BHU, Varanasi	, IIT-BHU, Varanasi	
Rabinarayan P, Tejasri P.	Preparation and evaluation of transdermal drug-in-adhesive patch of Simvastatin	68 th Indian Pharmaceutical Congress, Andhra University, Visakhapatnam	Andhra University, Visakhapatnam	
Rabinarayan Parhi, N. Divya Supriya, Tejasri Panchamukhi	Design and optimization of ondansetron transdermal film using RSM	70 th Indian Pharmaceutical Congress, Amity University Campus, Delhi-NCR	Amity University Campus, Delhi-NCR	

Patents (if any):

Patent Details	Awarding Agency	Year	Remark (if any)

Details of the Ph. D. degree awarded (Under the supervision of the faculty):

Name of the Scholar	Title of the Thesis	Year of award	Remark (if any)
			This column shall contain the department and university in which the Ph.D was carried out and any other relevant information