


GENERAL INFORMATION				
Recent Passport Photo				
Faculty Name	Dr. Bhanu P Sahu			
Department	Department of Pharmaceutics			
Designation	Associate Professor & HOD			
Qualifications	M.Pharm., Ph.D., Postdoc			
Date of Joining the institute	02.02.2009			
Year of experience	<ul style="list-style-type: none"> Teaching: 14 Years Research: 14 Years Industry: 1 year 			
Google scholar link	https://scholar.google.com/citations?hl=en&user=3Yz4BskAAAAJ			
LinkedIn ID	https://www.linkedin.com/in/bhanu-p-sahu-a99a951b7/			
Contact Details	<ul style="list-style-type: none"> Email: bpsahu@gips-guwahati.ac.in Phone No.: +91 7896843274 			
PROFILE DETAILS				
Research Area	Nano Drug Delivery, Targeted Drug Delivery in Cancer, Pharmacokinetics Studies, PB-PK Simulation studies			
Educational Qualifications	Degree	Institute/University/Board		Year of passing
	Post Doc	Hebrew University of Jerusalem, Israel		2018-2020
	Ph.D.	Dibrugarh University		2015
	PG (M.Pharm)	Dibrugarh University		2008
	UG (B.Pharm)	Dibrugarh University		2004
	Other(s)			
	12 th	CBSE		1999
	10 th	CBSE		1997
Work Experience	From date	To date	Designation	Organization name
	02/12/20	Till date	Associate Professor	GIPS, Guwahati
	01.06.2020	02.12.2020	Assistant Professor	GIPS, Guwahati
	14.10.2018	12.3.2020	Postdoctoral fellow	Institute of Drug Research, Hebrew University of

				Jerusalem, Israel	
	02.02.2009	30.9.2018	Assistant Professor	GIPS, Guwahati	
	25/11/07	30/01/09	Lecturer	Atmiya Institute of Pharmacy, Rajkot, Gujarat	
Achievements & Awards	1. Recipient of Hebrew University of Jerusalem, Israel (HUJI) postdoctoral fellowship 2018-2020 2. Qualified GATE 2005 with 96.52 Percentile AIR 353				
Professional Membership	Description	Membership No.	Type of membership		
	Indian Pharmaceutical Association (IPA)	ASS/LM/0062	Life Membership		
Research Guidance	PG Scholars		Ph.D Scholars		
	Awarded: 15		Awarded: 00		
	On-going: 03		On-going: 02		
Course & Subject Taught					
Course:	B.Pharm, M.Pharm				
Semester/Year:	B.Pharm 7 th Semester, M.Pharm 1 st Semester, M.Pharm 2 nd Semester,				
Subject:	NDDS, Modern Pharmaceutics, Biopharmaceutics & Ph ['] cokinetics				
Publication details					
Count	Research/ Review Paper	Book Chapter(s)	Books	Patent(s)	Others (News/Blogs/ Magazine)
	15	05	01	Filed: 00 Granted: 00	00
Detail published paper					
Research/Review					
Research Papers					
International					
1. Adhikary K, Talukdar J, Bharadwaj R, Laloo D, Sahu B P , Hyaluronic acid conjugated Solid lipid nanoparticle of curcumin for targeted delivery in breast Cancer in mice. Asian Journal of Pharmaceutics, Under Review [IF-2.933]					
2.Bharadwaj R, Sahu B P , Haloi J, Laloo D, Barooah P, Chenole K, Deka M, Medhi S, Combinatorial therapeutic Approach for Treatment of Oral Squamous cell Carcinoma, Artificial Cells, Nanomedicine and Biotechnology, 2019, 47(1) : 572–585 [IF-4.462]					
3. Sahu B P , Hazarika H, Bhardwaj R, Loying P, Baishya R, Dash S K, Das M K, Curcumin- docetaxel co loaded nanosuspension for enhanced antibreast cancer activity. Expert opinion in Drug Delivery, 2016, 13 (8):1065-1074 [IF-5.4]					
4. Sahu B P , Das M K, Nanosuspension for enhancement of oral bioavailability of felodipine, Appl Nanosci,2014, 4(2)189-197 [IF-3.198]					
5. Sahu B P , Das M K, Formulation, optimization and in vitro/in vivo evaluation of furosemide nanosuspension for enhancement of its oral bioavailability, Journal of nanoparticle research, 2014,16 (4), 1-16 [IF -2.127]					

6. **Sahu B P**, Das M K, Preparation and in vitro/in vivo evaluation of felodipine nanosuspension **Eur J drug Metab Pharmacokinet** 2014,39, 3,183-193 [IF-1.49]
7. **Sahu B P**, Das M K, Nanoprecipitation with sonication for enhancement of oral bioavailability of furosemide, **Acta Poloniae Pharmaceutica n Drug Research**, 2014, 71(1), 129-137. [IF-0.84]
8. **Sahu B P**, Sharma H K, Das M K, Development and evaluation of a mucoadhesive nasal gel of felodipine prepared with mucoadhesive substance of Dillenia indica L., **Asian J Pharm Sci** 2011, 5 (5): 175-187[IF-4.016]
9. Nath B, Nath L K, Mazumder B, Kumar P, Sharma N, **Sahu B P**, Preparation and characterization of salbutamol sulphate loaded ethyl cellulose microspheres using water-in-oil emulsion technique, **Iran J Pharm Res**. 2010 ; 9(2): 97–105.[I.F.1.183]

National

1. Kalita R, Sahu B P, Formulation and Optimization of Fast Dissolving Tablets of Aceclofenac by Quality by Design method, **CRJPAS**, 2019, 3(1):1-8
2. Saikia P, **Sahu B P**, Dash S K, Mucoadhesive nanoparticles from tamarind seed polysaccharides for sustained delivery of anticancer drug irinotecan, **Asian Journal of Pharmaceutics**, 2014, 7(4) [IF-0.45]
3. Gohain H C, **Sahu B P**, Formulation and Evaluation of Mucoadhesive tablet Of Metformin HCl using Jack Fruit Latex (Artocarpus Heterophyllus), **International Journal of Drug Research and Technology**, 2016
4. Das M K, **Sahu B P**, Hazarika J H, Development of Bilayer Tablets for Immediate and Controlled release of Allicin, **International Journal of Current Pharmaceutical Research**, 2017
5. **Sahu, B.P**, Saha, S, Effect of fine lactose fraction on in vitro deposition of Mometasone furoate dry powder inhaler, **Sch. Acad. J Pharm**, 2013, 2 (3), 260-267
6. **Sahu B P**, Das M K, Optimization of felodipine nanosuspensions using full factorial design, **Int J PharmTech Res**, 2013, 5 (2), 553-561 [I.F.0.23]

Review Papers

1. **Sahu B P**, Biswas N, Recent advances in Nanocarriers for targeting of anticancer drugs and future prospects, **AAPS (Under Review)**
2. Saikia P, **Sahu B P**, Dash S K Hyaluronic Acid and Its Current Status in Nanoparticulate Drug Delivery. **Inventi Rapid: NDDS**, 2013, 2, 1-10.
3. **Sahu B P**, Das M K, Preparation Of Nanosuspensions: A Review On Various Techniques, **Inventi Rapid: PharmTech**, 2013, 2(2), 1-13

Books/Book Chapter

1. **Sahu B P**, Biswas N, Das M K, Multifunctional Nanoscale Particles for theranostic application in Healthcare, Nanomedicine and Nanosafety: Recent Trends and Clinical Evidences, Springer Nature 2021, ISBN: 978-981-15-6254
2. **Sahu B P**, Biswas N, Das M K, Multifunctional nanotheranostics for cancer diagnosis and treatments, 'Multifunctional Theranostic Nanomedicines in Cancer, Elsevier, Academic Press, 2020, ISBN: ISBN: 978-0-12-821712-2
1. Das M K, **Sahu B P**, Development of Novel Polymer-Stabilized Felodipine Nanosuspensions: Pharmacokinetics and Pharmacodynamics. **In: Nanotechnology: Novel Perspectives and Prospects**; BS Bhoop, A Kaushik, SK Mehta, SK Tripathi Eds.; **McGraw Hill Education INDIA**, 2015, pp 787-794. **ISBN: 978-93-392-2109-6**.
2. Deka N, Sahu B P, A Review on Cancer and Stem Cells, Eds Lambert Academic Publishing, Germany, ISBN, 978-613-7-32475-2

Conferences/Seminars/Workshop/FDP/STTP

Conducted: 04

Details:

- Co Coordinator of Workshop on Workshop and Hands on skill training programme on “ Application of RT-PCR in R&D” on 16.03.2021
- One day online training programme on “Application of VELscope

	<p>device in Oral Cancer Research” on 30.03.2021</p> <ul style="list-style-type: none"> • Co Coordinator of Workshop on • Organizing Secretary of North East Pharmaceutical Convention (NEPC) organized by North East Pharmaceutical Society May 2017
Attended/Participated: 20	<ul style="list-style-type: none"> • Details of Conferences/Seminars/Workshop/FDP/STTP attended/participated: Workshops/ Seminars Attended <p>Quality Improvement Programme</p> <ul style="list-style-type: none"> • AICTE-NITTT sponsored Mentors Training Programme organized by NITTT Kolkata from 4th April 2021 to 9th April 2021. • Online AICTE – ISTE Sponsored Induction / Refresher Program on NBA Accreditation – Its Opportunity and Advantages organized by Advanced Technical Training Centre Bardang, Sikkim 03–05–2021 to 08–05–2021 • Five Day workshop on ‘Familiarization with Latex: A Powerful Tool for Technical Writing’ organized by Assam Science and Technology University under TEQIP-III, MHRD, New Delhi • INSA sponsored Science Leadership Workshop organized by Central University of Punjab 22-28, 2020 • Participated in AICTE Sponsored Quality Improvement Programme organized by BIT, Mesra, Ranchi in Pharmaceutics on Biotechniques in Drug Delivery: Trends & Applications (Division of Pharmaceutics) at BIT Mesra, Ranchi from June 17th to 29th June 2017. • NPTEL online course on Health Research Fundamentals by ICMR and NIE from Feb 2018 to April 2018. <p>Workshops/ Seminars</p> <ul style="list-style-type: none"> • Participated in 18th National Life Science and Technology Week (Mixii-Biomed 2019) organized by Israel Innovation Authority at David at International Continental, Tel Aviv, Israel 14-16 May 2019 • Participated in Dissemination of ICMR-DBT National Guidelines for stem cell research and ethical guidelines for Biomedical Health Research organized by ICMR and CDSA at Guwahati Medical College o 8th March 2018. • Participated in Publishing Connect Workshop conducted by Elsevier at Gauhati University on 5th March 2016. • Participated in State Workshop on ‘Quality Assurance of AYUSH Drugs’ organized by Directorate of AYUSH and National AYUSH Mission held at Gauhati University from 1-3 Feb 2016. • Participated in National Symposium on ‘Development and Nurturing of Emerging Interface between Medical Science and Biotechnology’ Organized by Dept of Biological Science, Gauhati University on 02.09.2013. • Attended and participated in DBT sponsored Workshop on ‘Advanced Molecular Biology Techniques’ held from 19th to 25th Nov 2012 at

Department of Biotechnology, Guwahati University, Assam, India

- **Attended National Seminar on Pharmacovigilance for Assuring Drug Safety at Dept of Pharmaceutical Sciences, Dibrugarh University, Assam on 26-27 Nov 2011**
- **Participated in UGC sponsored National Seminar on ‘Importance of Application of Formulation Approaches for Dosage Form Development at Department of Pharmaceutical Sciences, Saurashtra University, Rajkot, Gujarat, India in 2011**
- **Attended national Symposium on Pharmacovigilance organized by Guwahati Medical College and NIPER Guwahati, Assam, India in 2010**
- **Participated in UGC sponsored National Symposium on ‘Global Prospectives of Pharma Patents’ at Department of Pharmaceutical Sciences, Saurashtra University, Rajkot, Gujarat, India in 2011**
- **Participated in State Level Seminar on Pharma Vision 2020 at BS Patel Pharmacy College, Safforny Institute of Technology, Gujarat on 6-7 Sept 2008.**

Training:

- **Completed Course on Experimentation on Laboratory Animals and Ethics Course from Hebrew University of Jerusalem, Israel between Dec 2018 to Feb 2019**
- **Industrial Training at Arbro Pharmaceuticals, New Delhi on Analysis of Chemicals, Cosmetics and Pharmaceutical Products from June 25th to July 25th 2003.**
- **Industrial Training at Eros Pharmaceuticals ,Bangalore on store, tablets, oral liquids, capsulation, packing, ointment and Quality Control sections. Analysis of Chemicals, Cosmetics and Pharmaceutical Products from June to July 2002.**

Professional Activities

- **Resource person in Continuous Education Programme for Pharmacists in all major districts of Assam , organized by Pharmacy Council of India in coordination with Assam Pharmacy Council.**
- **Examiner/Paper Setter/Moderator in B.Pharm and M.Pharm courses of following Universities.**
 - **Assam Science and Technology University**
 - **Mizoram University**
 - **Gauhati University**
 - **Tripura University**
 - **Assam Downtown University**
- **Invited Expert and Inspection Team member in Drug Survey conducted by NIB, Govt of India in coordination with Directorate of Health Services, Govt of Assam**
- **Invited speaker and organizer in National Pharmacy Weeks, Pharmacists**

Presented: 07	Day celebrations and other activities.			
	<p>Details of Conferences/Seminars/Workshop/FDP/STTP presented: Presentations</p> <ul style="list-style-type: none">1. Oral Presentation at ‘Evaluation of nanofabrication Buccal Patch encapsulating 5 Fluorouracil against oral squamous cell carcinoma 12th International Conference of Asian Clinical Oncology Society (ACOS) at New Delhi on April 8-10, 20162. Poster Presentation on ‘Curcumin-Docetaxel co loaded nanosuspension for enhanced anti breast cancer activity’ presented in 6th International Conference on Pharmaceutics & Novel Drug Delivery Systems, OMICS International, and March 7-9 2016 at Madrid, Spain. [E-poster]3. Oral Presentation on “Formulation and in vitro/in vivo evaluation of curcumin-docetaxel co loaded nanosuspensions for enhanced anticancer activity at International Conference on Disease Biology and Therapeutics organized by IASST, Guwahati from 3-5th Dec 2014.4. Oral Presentation on ‘Nanosuspensions can enhance the oral bioavailability of felodipine –pharmacodynamic and pharmacokinetic studies.’ at 2nd Pharm Tech IAPST International Conference at Jadavpur University, Kolkatta, India in Jan 2014.5. Poster Presented on “ Formulation and Characterisation of Mucoadhesive Nanoparticles prepared from polysaccharides of Tamarindus indica for anticancer Drug Irinotecan at National Conference on Nanomedicine organized by SELECTBIO at New Delhi from 30-31 May 2013.6. Presented poster on ‘Nanosuspension for enhancement of oral bioavailability of felodipine’ at 2nd International conference on Advanced Nanomaterials and Nanotechnology(ICANN 2011) organized by Indian Institute of Technology ,Guwahati, Assam, India7. Presented paper in National seminar on “Medicinal Plants based Pharmaceuticals” at Atmiya Institute of Pharmacy, Rajkot, Gujarat, India in 2008			
Funded Projects				
PI or Co-PI	Funding source	Topic of project & Reference No.	Amount sanctioned (Rs.) and date	Status (On-going/Completed)
PI	DST	Nanoconjugates for targeted delivery in Lung Cancer	21.575 Lacs	Ongoing
PI	AICTE	DPI for targeted delivery in Lung Cancer	23.00 Lacs	Ongoing