


## GENERAL INFORMATION

<b>Recent Passport Photo</b>	
<b>Faculty Name</b>	Dr. Anupam Sarma
<b>Department</b>	Department of Pharmaceutics
<b>Designation</b>	Assistant Professor
<b>Qualifications</b>	M.Pharm., Ph.D.
<b>Date of Joining the institute</b>	19.03.2021
<b>Year of experience</b>	<ul style="list-style-type: none"> <li>Teaching: 3 years</li> <li>Research: 6 years 4 Months</li> <li>Industry: 1 years</li> </ul>
<b>Google scholar link</b>	<a href="https://scholar.google.com/citations?user=6BDg0g0AAAAJ&amp;hl=en">https://scholar.google.com/citations?user=6BDg0g0AAAAJ&amp;hl=en</a>
<b>LinkedIn ID</b>	<a href="https://www.linkedin.com/feed/">https://www.linkedin.com/feed/</a>
<b>Contact Details</b>	<ul style="list-style-type: none"> <li>Email: <a href="mailto:anupam@gips-guwahati.ac.in">anupam@gips-guwahati.ac.in</a></li> <li>Phone No.: +91 9864382630</li> </ul>

## PROFILE DETAILS

<b>Research Area</b>	Nanomedicine, Pharmaceutical Excipient, Herbal Medicine, Targeted Drug delivery system			
<b>Educational Qualifications</b>	<b>Degree</b>	<b>Institute/University/Board</b>		<b>Year of passing</b>
	<b>Ph.D.</b>	Department of Pharmaceutical Sciences, Dibrugarh University, Assam		2020
	<b>PG</b>	Girijananda Chowdhury Institute of Pharmaceutical Science (Affiliated to Gauhati University), Assam		2013
	<b>UG</b>	Girijananda Chowdhury Institute of Pharmaceutical Science (Affiliated to Gauhati University), Assam		2011
	<b>12<sup>th</sup></b>	Sivasagar Govt. HS and MP School, Assam		2007
	<b>10<sup>th</sup></b>	Sivasagar Govt. HS and MP School, Assam		2005
<b>Work Experience</b>	<b>From date</b>	<b>To date</b>	<b>Designation</b>	<b>Organization name</b>
	03.02.2014	31.05.2014	Executive-Drug Regulatory Affairs	Laborate Pharmaceuticals India Ltd. Panipat, Haryana.
	01.06.2014	10.06.2015	QC-Trainee	Emami Limited, Guwahati, Assam.
	15.06.2015	14.06.2017	Junior Research Fellow	Department of Pharmaceutical Sciences, Dibrugarh University, Dibrugarh, Assam
	25.07.1018	18.03.2021	Assistant Professor	Pratiksha Institute of Pharmaceutical Sciences, Guwahati, Assam
	19.03.2021	Till Date	Assistant Professor	Girijananda Chowdhury Institute of Pharmaceutical Science, Guwahati, Assam.
<b>Achievements &amp; Awards</b>	<ul style="list-style-type: none"> <li>GPAT qualified</li> </ul>			

	<ul style="list-style-type: none"><li>Got JRF under DST-UKIERI project.</li><li>Recognized reviewer of Wiley publication.</li></ul>				
Professional Membership	Description	Membership No.	Type of membership		
	-	-	-		
Research Guidance	PG Scholars		Ph.D Scholars		
	Awarded: 00		Awarded: 00		
	On-going: 03		On-going: 00		
Course & Subject Taught					
Course:	D.Pharm, B.Pharm, M.Pharm				
Semester/Year:	D.Pharm 1 <sup>st</sup> year, D.Pharm 2 <sup>nd</sup> year, B.Pharm 3 <sup>rd</sup> Semester, B.Pharm 5 <sup>th</sup> Semester, B.Pharm 7 <sup>th</sup> Semester, B.Pharm 8 <sup>th</sup> Semester, M.Pharm 1 <sup>st</sup> Semester				
Subject:	Pharmaceutics, Pharmaceutical Engineering, Industrial Pharmacy, Biostatistics and Research methodology, Regulatory Affairs, Drug Store Business Management				
Publication details					
Count	Research/ Review Paper	Book Chapter(s)	Books	Patent(s)	Others (News/Blogs/ Magazine)
	13	05	00	Filed: 00 Granted: 00	03
Detail published paper					
Research/Review					
Sarma A, Das MK. Improving the sustainable performance of Biopolymers using nanotechnology”. Polymer-Plastics Technology and Materials. 2021; 60(18): 1935-1965.					
Sarma A, Bania R, Devi JR, Deka S. Therapeutic nanostructures and nanotoxicity”. Journal of Applied Toxicology. 2021; 41(10): 1494-1517.					
Sarma A, Das MK. Nose to brain delivery of antiretroviral drugs in the treatment of neuroAIDS”. Molecular Biomedicine. 2020; 1(1): 1-23					
Sarma A, Das MK, Chakraborty T, Das S. Nanostructured lipid carriers (NLCs)-based intranasal drug delivery system of Tenofovir disoproxil fumarate (TDF) for brain targeting”. Research Journal of Pharmacy and Technology. 2020; 13(11): 5411-5424					
Hussain M, Sarma A, Rahman SS, Siddique AM, Eeswari TP. Formulation and Evaluation of Ethambutol Polymeric Nanoparticles. International Journal of Applied Pharmaceutics. 2020; 12(4): 207-217.					
Sarma A, Das MK. Formulation by Design (FbD) approach to develop Tenofovir Disoproxil Fumarate loaded Nanostructured Lipid Carriers (NLCs) for the aptness of nose to brain delivery. Journal of Drug Delivery & Therapeutics. 2019; 9(2): 148-159					
Sarma A, Chakraborty T, Das MK. CNS delivery of drug via low-density lipoprotein receptor (LDLr) mediated transcytosis”. Current Trends in Pharmaceutical Research. 2017; 4(1): 26-46.					
Chakraborty T, Sarma A, Das MK. Silk Fibroin: A Smart Biomaterial for Long Term and Targeted Nanotherapeutics; Current Trends in Pharmaceutical Research. 2016; 3(1): 45-82					
Das MK, Sarma A, Chakraborty T. Nano-ART and NeuroAIDS. Drug Delivery and Translational Research. 2016; 6(5): 452-472					
Das MK, Sarma A, Chakraborty T. PLGA-derived anticancer Nano therapeutics: Promises and challenges for the future. Journal of Chemical and Pharmaceutical Research. 2016; 8(2): 484-499					
Saha S, Sarma A, Saikia P, Chakrabarty T. Phytosome: A Brief Overview. Scholars Academic Journal of Pharmacy. 2013; 2(1): 12-20					
Sarma A, Deb P, Dash S. Bilayer Tablet and DUREDAS Technology – A Review. International Journal of Pharmacy and Biological Sciences. 2013; 3(2): 554-563					
Ahmed AB, Paul S, Sarma A. Penetration Enhancing Effect of naturally Occurring Terpenes on Skin Permeation of Rofecoxib from Transdermal Gel for Topical Application. Current Trends in Pharmaceutical Research. 2013; 2(1): 24-31					
Conference proceedings					

- Islam M, Bezbaruah R, **Sarma A**. Dry Powder Inhaler: An advanced drug delivery system. National Pharmacists' Convention (NPC) 2019; abstract book; page no: 3-4
- Basit B, **Sarma A**, Bezbaruah R. Modern drug delivery approaches in diabetic research; National Seminar on recent Trends in Diabetes Research: Emerging drug delivery technologies and novel strategies (N-RTDR) 2019; abstract book; page no: PP60
- Das PP, **Sarma A**, Deka S; Peroral insulin delivery: Current strategies and technologies. National Seminar on recent Trends in Diabetes Research: Emerging drug delivery technologies and novel strategies (N-RTDR) 2019; abstract book; page no: PP61
- Sarma A**, Das MK. Development and in-vitro characterization of brain targeted Nanostructured Lipid Carriers (NLCs) using design of experiment. Current Trends in Pharmaceutical Research (CTPR), 2018; 5(2): 80-81.
- Sarma A**, Das MK. Development of brain targeted Nanostructured Lipid Carriers (NLCs) for NeuroAIDS treatment. National Seminar Cum Workshop in nanoscience (NSWN) 2018, abstract book; page no: 27
- Sarma A**, Das MK. Optimization and in-vitro characterization of Tenofovir Disoproxil Fumarate (TDF) loaded Nanostructured Lipid Carriers (NLCs) for the treatment of NeuroAIDS. 5th International Conference on Advanced Nanomaterials and Nanotechnology (ICANN), 2017 abstract book.
- Ahmed AB, **Sarma A**. Role of naturally occurring terpenes on skin permeation of Rofecoxib transdermal gel for topical application. 18th international conference 2012 (post iscbc) abstract book; page no: 170
- Saha S, **Sarma A**, Saikia P, Chakrabarty T. Phytosome: A review. 57th Annual Technical Session, Assam Science Society abstract book; page no: 18

#### **For Book Chapter(s):**

- Sarma A**, Das MK (2021). Multifunctional nanoparticles – cost versus benefit of adding targeting and imaging capabilities. In: Multifunctional Theranostic Nanomedicines in Cancer, Malay K Das; ELSEVIER. eBook ISBN 978-012-82-1700-9; Pp 367-387.
- Sarma A**, Das MK, Chakraborty T (2020). Ligand nanoparticle conjugation approach for targeted cancer chemotherapy. In: Nano Medicine and Nano Safety: Recent Trends and Clinical Evidences, 1st Ed. Malay K Das & Yashwant V Pathak; Springer Singapore. eBook ISBN 978-981-15-6255-6; Pp 377-404.
- Das MK, **Sarma A** and Deka T (2019). Polydopamine-Based Simple and Versatile Surface Modification of Polymeric Nano Drug Carriers. In: Surface Modification of Nanoparticles for Targeted Drug Delivery, 1st Ed. Yashwant V Pathak; Springer International Publishing, Switzerland AG. eBook ISBN: 978-3-030-06115-9; Pp 369-389.
- Chakraborty T, Das MK, Dutta L, Mukharjee B, Das S and **Sarma A** (2019). Successful Delivery of Zidovudine-Loaded Docosanil Nanostructured Lipid Carriers (Docosanil NLCs) into Rat Brain. In: Surface Modification of Nanoparticles for Targeted Drug Delivery, 1st Ed. Yashwant V Pathak; Springer International Publishing, Switzerland AG. eBook ISBN: 978-3-030-06115-9; Pp 245-276.
- Das MK and **Sarma A** (2018). Carbon Nanotubes and Drug Targets. In: Frontiers in Drug Design and Discovery, Vol. 9; Rahman A U, Chaudhary M I Eds.; Bentham Science Publishers, UAE. ISBN: 978-1-68108-583-8; Pp 176-202.

#### **Book(s):**

- Nil

#### **Patents:**

- Nil

#### **❖ Others (News/Blogs etc):**

**Anupam Sarma**. Medicine safety: Here's how we need to store our medicine. Sunday Reading, The Assam Tribune, 31<sup>st</sup> October 2021.

**Anupam Sarma**. Medicine safety: The responsible use of medicines is of utmost importance. Sunday Reading, The Assam Tribune, 19<sup>th</sup> July 2020.

**Anupam Sarma**. A pill too many: People are having to have multiple medications today, Sunday Reading, The Assam Tribune, 8<sup>th</sup> December 2019.

#### **Conferences/Seminars/Workshop/FDP/STTP**

**Conducted: 02**

#### **Details:**

**Anupam Sarma**. International Webinar on Management of COVID-19 Pandemic: Current Facts, Challenges & Future Prospects. PIPS-Guwahati, 26<sup>th</sup> to 28<sup>th</sup> May 2020.

**Anupam Sarma**. One Day Webinar on "Insight on Research Proposal Writing and Research Grants". PIPS-Guwahati, 22<sup>nd</sup> June 2020.

**Attended/Participated: 16**

**Details of Conferences/Seminars/Workshop/FDP/STTP attended/participated:**

Presented: 04	<div>❖ <b>Attended/Participated</b></div> <div>ACS On Campus "Off-Campus" Webinar organized by American Chemical Society, 10th August 2020.</div> <div>Webinar on Writing the PhD. Synopsis, organized by Srimanta Sankaradeva University of Health Sciences, on 29th July 2020</div> <div>Webinar on Scope of Research in NE India on Phytochemicals for drug discovery, organized by Royal Global University, on 24th July 2020</div> <div>Three Days Online International STTP on Innovative Research Trends in Pharmaceutical Industry, organized by Bapatla College of Pharmacy, 13th June 2020 – 15th June 2020</div> <div>One Week Online International Faculty Development Program on Innovations in Drug Delivery System, organized by Bapatla College of Pharmacy, 31st May 2020 – 5th June 2020</div> <div>CPE Webinar on Understanding Practice School &amp; its Concept in UG Pharmacy Education, organized by the Pharmacy Council of India, New Delhi, on 23rd May 2020.</div> <div>1st National Pharmacists’ Convention 2019 at Pragjyoti ITA Centre, Guwahati-09</div> <div>Two Days National Seminar on Recent Trends in Diabetes Research: Emerging Drug Delivery Technologies and Novel Strategies at Girijananda Chowdhury Institute of Pharmaceutical Science, Guwahati-17.</div> <div>AICTE sponsored Quality Improvement Program (QIP)-2018 on “Innovations and Challenges in Newer Drug Delivery System” at BIT-Mesra.</div> <div>Participated in National Seminar on Natural Resources for Drug Discovery and Development, 2018 at Dibrugarh University, Dibrugarh</div> <div>One Day Workshop on Biomedical Device Technology, 2017, organized by Centre for Nanotechnology, IIT-Guwahati</div> <div>First Northeast Pharmaceutical Convention 2017, Guwahati</div> <div>Quality Control Forum of India (QCFI) training program on Problem Solving Tools &amp; Techniques, 2014 at Hotel Bhargav Grand, Guwahati</div> <div>Participated in 63rd Indian Pharmaceutical Congress 2011, Bangaluru</div> <div>One Day Workshop on Patient Counseling: A Health Care Need. organized by GIPS, NRHM(Assam) &amp; APC, Guwahati</div> <div>One Day Workshop on Communicable Disease. organized by GIPS, NRHM(Assam) &amp; APC, Guwahati</div>													
	<div><b>Details of Conferences/Seminars/Workshop/FDP/STTP presented:</b></div> <div><b>Sarma A, Das MK;</b> “Development and in-vitro characterization of brain targeted Nanostructured Lipid Carriers (NLCs) using design of experiment”; PharmaNanotech-2018: National Seminar on Emerging Global Trends in Pharmaceutical Nanotechnology. (Poster Presentation)</div> <div><b>Sarma A, Das MK;</b> “Optimization and in-vitro characterization of Tenofovir Disoproxil Fumarate (TDF) loaded Nanostructured Lipid Carriers (NLCs) for the treatment of NeuroAIDS”; 5th International Conference on Advanced Nanomaterials and Nanotechnology (ICANN), 2017. (Poster Presentation)</div> <div>Ahmed AB, <b>Sarma A;</b> “Role of naturally occurring terpenes on skin permeation of Rofecoxib transdermal gel for topical application”; 18th international conference (Post ISCBC-2012). (Poster Presentation)</div> <div><b>Sarma A, Das MK;</b> “Development of brain targeted Nanostructured Lipid Carriers (NLCs) for NeuroAIDS treatment”; National Seminar Cum Workshop in Nanoscience (NSWN), 2018. (Oral Presentation)</div>													
	<div><b>Funded Projects</b></div> <table><tr><th>PI or Co-PI</th><th>Funding source</th><th>Topic of project &amp; Reference No.</th><th>Amount sanctioned (Rs.) and date</th><th>Status (On-going/Completed)</th></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></table>					PI or Co-PI	Funding source	Topic of project & Reference No.	Amount sanctioned (Rs.) and date	Status (On-going/Completed)	-	-	-	-
PI or Co-PI	Funding source	Topic of project & Reference No.	Amount sanctioned (Rs.) and date	Status (On-going/Completed)										
-	-	-	-	-										