



Dr. Bipul Nath

Professor

Royal School of Pharmacy

The Assam Royal Global University

Betkuchi, Guwahati-781035

Kamrup, Assam (India)

Experience:15.5 years

E-mail: bnath@rgu.ac, bipulnath@gmail.com

Mobile: 9854063470

Academic Qualification (Undergraduate onwards)

Sl.No.	Degree	Year	Department	University/Institution	% Marks
1	Ph.D	2012	Pharmaceutical Sciences	Dibrugarh University	NA
2	M.Pharm	2008	Pharmaceutics	Dibrugarh University	75.6
3	B.Pharm	2004	Pharmaceutical Sciences	Dibrugarh University	68.9

Work Experience (in chronological order)

Sl.No.	Position held	Name of institute	From	To
1	Lecturer	SBSPGI, Dehradun	27.10.2007	29.01.2009
2	Asst. Professor (Gr-II&III)	GIPS, Guwahati	02.02.2009	20.08.2019
3	Assoc. Professor & Co-ordinator	RSP, RGU	22.08.2019	09.04.2022
4	Professor	RSP, RGU	10.04.2022	Till date

Professional Recognition/Award/Prizes/Certificate/Fellowship received by the applicant

Sl.No.	Name of Award	Awarding agency	Year
--------	---------------	-----------------	------

1	Life Member	APTI,Banglore	2011
2	GATE Fellowship	IIT,Mumbai	2005

List of National Publications:

1. Sayed Al Ansary¹ , Amir Ali ² , Jyoti Y¹ , Ramen Kalita^{3*} and Bipul Nath⁴. Gastro Protective Activity of Manilkara zapota Bark Extract on Experimentally Induced Peptic Ulcer in Rats. Indian Journal of Natural Sciences. Vol.13 / Issue 73 / Aug / 2022.
2. Bipul Nath*, B.Saharia, Studies on solid state compatibility of venlafaxine HCl with combination of HPMC and ionic polymers for extended release delivery. Research. J. Pharm and Tech. 13 (11): Nov. 2020.
3. Bipul Nath*, L.K.Nath¹, B.Mazumdar¹, N.K.Sharma. Preparation and *In vitro* Evaluation of Gastric Floating Microcapsules of Metformin HCl. *Indian J.Pharm. Educ. Res.* 43(2), Apr-Jun, 2009.
4. ¹Nath Bipul*, Nath LK² and Kumar PY³. Preparation and *In vitro* Evaluation of Buccoadhesive Tablets of Carvedilol Using Dried Mucilage Powder of *Aegle marmelose*. *Research J. Pharm. and Tech.*2 (4): Oct.-Dec. 2009.
5. ¹Rehman SS, ²Ahmed BA, ³Nath B. Use of naturally occurring polysaccharide in the development of mucoadhesive Tablet of pantoprazole for the treatment of *Helicobacter pylory* infections. Proceedings of UGC sponsored national seminar 2015, “Bioprospecting of Gene pool-Trends and prospects in NE India.
6. Dr. Bipul Nath, Pradeep Kumar. Fabrication, Characterization and in-vitro release characteristics of Venlafaxine loaded polycaprolactone nanoparticles for the effective therapy of depression. Full paper published as UGC proceedings in NCRASST, 2018 ASTU held on 15th to 17th March.

List of International Publications:

1. Balen Saharia, Gouranga Das, Bipul Nath. Compatibility screening of Vidagliptin with ionic and non-ionic polymeric excipients for the design of extended release delivery system. Int J of Adv Research 2021, 9 (4): 187-193.
2. Bipul Nath¹, L.K. Nath². Formulation development and in-vitro/in-vivo correlation for a novel sterculia gum-based oral colon-targeted drug delivery system of azathioprine. Drug Development Industrial Pharmacy; Taylor & Francis publisher Informa Healthcare, USA, Vol-38, No. 9, pp. 1-9. 2012.
3. Bipul Nath¹, L.K. Nath². Design, development and optimization of oral colon targeted drug delivery system of azathioprine using biodegradable polymers. Pharmaceutical Development Technology; Tailor and Francis (Informa Healthcare), USA, Vol-17, No. 6, pp. 1-8. 2012.

4. Bipul Nat^{h1}, L.K. Nat^{h2}. Design, development and optimization of sterculia gum based tablet coated with chitosan/eudragit RLPO polymers for colonic delivery. *Journal of Pharmaceutics*; Hindwai publishing corporation; USA. 2013. [http:// dx.doi.org/10.1155/2013/546324](http://dx.doi.org/10.1155/2013/546324).
5. Bipul Nat^{h1}, L.K. Nat^{h2}. Studies on Stercuia gum formulations in the form of osmotic core tablet for colon specific drug delivery of azathioprine. *PDA Journal of Pharmaceutical Science and Technology*; Parenteral Drug Association, Boston, USA, Vol-67, No. 2, 2013.
6. BIPUL NAT^{H1*}, LILA KANTANAT^{H2} and PRADEEP KUMA^{R3}. PREPARATION AND *IN VITRO* DISSOLUTION PROFILE OF ZIDOVUDINE LOADED MICROSPHERES MADE OF EUDRAGIT RS 100, RL 100 AND THEIR COMBINATIONS. *Acta Poloniae Pharmaceutica Drug Research, Poland*. Vol. 68 No. 3 pp. 409-415, 2011.
7. Bipul Nat^{ha*}, Santimoni Saikia. Characterization and screening of a novel multiparticulate drug delivery of aceclofenac. *Int. J. of Pharmaceutical Sciences and Nanotechnology*. 2016. Vol 9 (5), 3494-3501.
8. Bipul Nat^{ha*}, L.K.Nat^{hb}, B.Mazumder. Design and Development Metformin HCl Floating microcapsules using two polymers of different permeability characteristics. *Int. J. of Pharmaceutical Sciences and Nanotechnology*. 2009. Vol 2 (3), 627-638.
9. Bipul Nat^{ha*}, L.K.Nat^{hb}, B.Mazumder.. Preparation and Characterization of Salbutamol Sulphate Loaded Ethyl Cellulose Microspheres using Water-in-Oil-Oil Emulsion Technique. *Iranian Journal of Pharmaceutical Research* (2010), 9 (2): 97-105.
10. N BIPU^{L1,*}, S SATYABRA^{T1}. Compatibility studies of glimepiride with selected excipients for the development of extended release formulations. *Int. J. of Pharmacy and Biological Sciences* 2016 Vol 6; No. 2 (April - June), Page No. 37-48.
11. Manbendra Rabha, Bipul Nath. Encapsulation of Venlafaxine HCl in to Polycaprolactone microspheres by W/O/W and W/O/O Emulsion solvent evaporation technique and comparison for its controlled release properties. *Int J of Adv Research* 2017, 5 (7): 836-842.
12. Bipul Nath^{1,*}, Tushar Kanti Roy¹. Compatibility studies of atorvastatin calcium with selected excipients by means of thermal and ft-ir spectroscopic methods for the development of immediate release tablet. *Int. J of Pharmaceutical Sciences and Drug Research* 2016 Vol 8, Issue 3, May-June; page no. 182-188.
13. BIPUL NAT, TUSHAR KANTI ROY^{Y1}. Thermal Characterization and Screening of Formulation Variables of Atorvastatin Calcium Immediate Release Tablet. *JSM Nanotechnol Nanomed*. 2017; 5(1): 1044.
14. T DAS, J DEBNATH, BIPUL NATH, S. K. DASH. FORMULATION AND EVALUATION OF AN HERBAL CREAM FOR WOUND HEALING ACTIVITY. *International Journal of Pharmacy and Pharmaceutical Sciences* 2014, Vol 6, suppl 2: pp. 692-697.

15. Arshad Ayub Ahmed¹, Bipul Nath². Formulation and in vitro evaluation of poly-herbal anti-ageing face cream of *Coriandrum sativum* and rose hip oil. *International Journal of Current Pharmaceutical Research*. Vol 9, Issue 4, 2017.
16. Bipul Nath, Statistical optimization of fast disintegrating tablets of Tramadol HCl for paediatric delivery using mucilage of aegle marmelose as superdisintegrant. *World J Pharm Pharm Sci*. 2022; 11 (3): pp.1-16.
17. Himanghsu Deka, Dr. Bipul Nath, Jiban Debnath. Magnetic microspheres as site specific novel drug delivery system: a review. Himanghsu Deka, Dr. Bipul Nath, Jiban Debnath. *World J Pharm Res*. 2018; Vol 7 (1): 357-371.
18. Sanheeta Chakraborty, Dr. Bipul Nath. Oral in-situ gel for periodontitis: a review.. *World J Pharm Res*. 2018; 7 (11);23-29.
19. Deepa Nag, Dr. Bipul Nath. Review on solvent evaporation technique: a promising method for microencapsulation. *World J Pharm Res*. 2018; 7 (11); 12-17.
20. Bipul Nath^{a*}, L.K.Nath^b. Evaluation of *Sterculia urens* gum as novel carrier for oral colon targeted drug delivery system. *Journal of Advanced Pharmaceutical Science and Technology, USA*. 2014; Vol-1. Issue 1: DOI: 10.14302/issn.2328-0182.japst-12-119.
21. Bipul Nath¹, Pradeep Kumar². Microencapsulation of therapeutic agents by Air Suspension Techniques using Wurster Air Suspension Apparatus: A review. *Cur Res J Pharm Allied Sci, July-Dec 2017, Vol. 1 (Issue 3), 19-25*.

Books/ Chapter/Article Published:

Sl.No.	Title	Author's name	Publisher	Year of publication
1	Recent Advances in Ovarian Cancer and its Therapy.	Bipul Nath (Editor), Kuwali Das	Lambert Academic Publisher, Germany	2017
2	Gastric Floating of Microcapsules of Metformin HCl	Bipul Nath, L.K.Nath, B.Mazumder	Lambert Academic Publisher, Germany	2011
3	Advances in Science and Technology, Vol 1, 1 st Edn: Chapter-33. Preparation and application of polycaprolactone nanoparticles based on emulsification approach for the effective therapy of depression, Advances in Science and	Bipul Nath and Pradeep Kumar	i – manager international publisher, Nagercoil, Tamilnadu, India	2019

	Technology			
4	Article on: Risk and Severity of Arsenic Poisoning in Assam Through ingestion of Drinking water and its management strategies	Bipul Nath	NEPC Souvenir	2017

Speaker/ Resource person:

- (a) Acted as resource person in AICTE Training And Learning (ATAL) Academy **Online Elementary FDP on "Leadership and Excellence in workplace"** from **25/10/2021 to 29/10/2021** at Girijananda Chowdhury Institute of Pharmaceutical Science, Azara, Guwahati-17 .
- (b) Invited as **speaker** to deliver a presentation on **nanotechnology in National Conference on recent advances in science and technology (Under TEQIP-III)** at ASTU, Ghy from 15th to 17th March, 2018.
- (c) Invited as **resource person** in All Assam Service Pharmacist continuing education programme held at Ghy, Mangaldai, Sonitpur, Nagaon district of Assam.
- (d) Invited as **speaker on 54th National Pharmacy Week 2015**, held at Guwahati, on the topic PPR 2015 special emphasis on Patient counseling on 15th Nov. 2015.
- (e) Invited as **speaker on World's Pharmacist Day Celebration 2013**, held at Guwahati, on the topic "Prescription drugs and its quality audit in India" on 25th Sep. 2013.

Paper presented:

- (a) **National** (State/University).....23
- (b) **International** (Within country)04

Seminar/Conference/FDP/Workshop/Short-term course attended:

National: 09

International: 05

Any other information:

Good philosophy of teaching and knowledge of many different methods to motivate students to develop their expertise in specific areas. Goal oriented, multi-tasking, good communicator, problem solver and a responsible team leader. Over the last 15 and half years, I have gained experience in guiding undergraduate/post graduate and Ph.D students in various fields of pharmaceutical drug formulation research. Such areas include process validation, stability testing, invitro-invivo correlation, anti-microbial screening, development of oral novel formulations in the form of IR, EX, controlled release, colon targeted, injectable nanoparticle formulations, pulsatile, gastro-retentive etc.