

Curriculum Vitae



NAME Dr. Amitava Roy

Designation Assistant Professor

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Subject Specialization:

Pharmaceutical Design and Formulation, Drug delivery systems, Natural hydrocolloids, Pharmaceutical excipients

Academic qualification:

1998: D. Pharmacy, J.C.G. Polytecnic, Kolkata, India
2002: B.Pharm, North Bengal University, Siliguri, India
2005: M.Pharm, B.P.U.T, Odisha, India
2017: Ph.D in Pharmacy, Jadavpur University, India

Professional experiences:

Teaching Experience: 16 years

September 1st, 2005 to till date : Assistant Professor, Himalayan Pharmacy Institute, Majhitar, Rangpo, East Sikkim (1st Sept 2005 – 26th Feb 2019)
Department of Pharmaceutical Technology, University of North Bengal, Darjeeling, W.B., India (27th Feb 2019 – till date)

Research Experience: 3 years

February 14th, 2013- August 1st, 2017 A.I.C.T.E- Q.I.P

Areas of Research Interest:

No. of Ph.D. students: (a) Supervised: 00 (b) Ongoing: 00

No. of M.Pharm. students: (a) Supervised: 12 (b) Ongoing: 02.

No. of Publications: (a) Journal(s): 09 (b) Book(s): 00 (c) Book chapter(s): 01

List of Publications:

Publications:

Sl. No	Title of Paper/Report/Book	Author(s)	Name, Volume, Number of Journal, & Year of Publication	Page No.	
				From	To
1.	A reveiw on diabetes	S. Ganguli*, S.Vijaykumar, A. Roy , S. Datta	Intl journal of Pharmacol and Biol Sciences. Vol ^m - No.1, 2007	27	32
2.	The 6 th ICH process and its benefits- A reveiw	A.Roy* ,S.Datta, A.Ghosh, A.Das ,M.Mondal,	Indian Pharmacist June 2008	12	16
3.	Effects of plasticizers and surfactants on the film forming properties of hydroxypropyl methyl cellulose for the coating of diclofenac sodium tablets	A.Roy* , A.Ghosh, S.Datta, S.Das, J.Deb,P. Mohanraj, M.E.Bhanoji Rao	Saudi Pharm Journal, Vol. 17, No. 3 July 2009 Avaialble online at www.sciencedirect.com	233	241
4.	The Sixth international Conference on harmonization (ICH-6)- A promising future in Global Pharmaceutical Industry	A.Roy* , A.Ghosh, S.Datta, A. Das, S. Ganguli	Research J. Pharm. and Tech. 1(3): July-Sept. 2008	161	165
5.	Fabrication and development of Pectin Microsphere of Metformin Hydrochloride	Pritam Banerjee,Jyotirmoy Deb, Amitava Roy , Amitava Ghosh and Prithviraj Chakraborty	International Scholarly Research Network (ISRN) Pharmaceutics, volm. 2012, Article ID-230621, DOI:10.5402/2012/230621 http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3415212	1	7
5.	Response surface optimization of sustained release Metformin-Hydrochloride Matrix Tablets: influence of some hydrophilic polymers on the release	A.Roy* , K.Roy, S.Roy, J.Deb, A.Ghosh, K.A.Ali	International Scholarly Research Network (ISRN) Pharmaceutics, Volume-2012, Article ID 364261, DOI:10.5402/2012/364261 http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3440925	1	10
6.	Development of an Aqueous film coating of Metformin Hydrochloride tablet: Influence of Plasticizers and Surfactants on the coating properties	Amitava Roy* , Sarbani Roy, Abhinay Chhetri	Journal of PharmSciTech, Volm 5, Issue 2, 2015	11	16

7.	Experimentation on Hibiscus rosa flower mucilage as a potential nasal mucoadhesive its characterization as an in-situ gel for some anxiolytics	Amitava Roy,* Pallab Kanti Haldar, Abhinay Chhetri	J Young Pharm, Volm 8, Issue 2, Apr-Jun, 2016	1	10
8	Strategies of mucoadhesive drug delivery system- an update on nasal drug delivery	Amitava Roy* , Arka Roy, Pallab Kanti Haldar	UJPSR, Volm 1, Issue 2, 2015	23	34
9	Collection, purification and Phytochemical screening of a natural gum for oral controlled drug delivery system	Jyotirmoy Deb, Mrinmay Das, Arup Das, P. Mohonraj, Arwan Raplang Lyngdoh, Sujit Das, Amitava Roy	JBPR, Volm 5, Issue 6, Nov-Dec, 2016	1	11

Book or Book Chapters: 01

Sl. No	Title of Paper/Report/Book	Author(s)	Name, Volume, Number of Journal, & Year of Publication	Pages	
				From	To
1.	Chemistry, Biological Activities, and Uses of Carnauba Wax	Eli Jose´ Miranda Ribeiro Junio, Joy Ruby Violet Stephen, Murugan Muthuvel, Amitava Roy , Patrícia de Araujo Rodrigue, Maraja´ Joaõ Alves de Mendonca Filho, Renato Araujo Teixeira, Antony de Paula Barbosa, and Stephen Rathinaraj Benjamin	Springer Nature Switzerland AG 2022 H. N. Murthy (ed.), Gums, Resins and Latexes of Plant Origin, https://doi.org/10.1007/978-3-030-76523-1_37-1	1	23

Patent: Nil

Research Projects:

Title of the Project	Funding Agency	Year of Sanction and duration	Cost (INR)	PI or Co-PI	Status
SCREENING OF SOME NATURAL HYDROCOLLOIDS FROM THE PLANTS OF SIKKIM	A.I.C.T.E-R.P.S	(8032/BOR/RID/RPS(NER)-11/2010-11)	9 lakhs 50 thousand	PI	Transferred

HIMALAYAS TO ESTABLISH THEIR SUITABILITY AS PHARMACEUTICAL EXCIPIENTS					
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Achievement & Awards:

1. Visiting faculty for a period of 1 year 6 months at Deb Bhoomi group of Institutions, Dehradun (01.01.2014 – 27.03.2015)
2. Worked as a Placement in Charge for Himalayan Pharmacy Institute for a period of 4 years with an excellent Placement score in different MNCs from 2015
3. Served as an external examiner for several universities WBUT, The West Bengal University of Health Sciences, Assam Downtown University
4. Govt. works undertaken : Deputed as a resource person at Sikkim Govt. College, Tadong for the preparation of curriculum of vocational courses in Pharmaceutical Chemistry, Govt. of Sikkim
5. Special Honor: Resource person at B.O.P.T Eastern India meet for Himalayan Pharmacy Institute.

Membership of Learned Societies:

1.	West Bengal Pharmacy Council	Registration No.: A-4600
2.	Association of Pharmaceutical teachers of India (A.P.T.I)	SI/LM-001