

# 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 (1<sup>st</sup> Sept 2005 – 26<sup>th</sup> Feb 2019)  
Department of Pharmaceutical Technology, University of North Bengal, Darjeeling, W.B., India (27<sup>th</sup> 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: 01

**No. of M.Pharm. students:** (a) Supervised: 10 (b) Ongoing: 02.

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

**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, <b>A. Roy</b> , S. Datta	Intl journal of Pharmacol and Biol Sciences. Vol <sup>m</sup> - No.1, 2007	27	32
2.	The 6 <sup>th</sup> ICH process and its benefits- A reveiw	<b>A.Roy*</b> ,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	<b>A.Roy*</b> , 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 <b>www.sciencedirect.com</b>	233	241
4.	The Sixth international Conference on harmonization (ICH-6)- A promising future in Global Pharmaceutical Industry	<b>A.Roy*</b> , 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, <b>Amitava Roy</b> , Amitava Ghosh and Prithviraj Chakraborty	International Scholarly Research Network (ISRN) Pharmaceutics, volm. 2012, Article ID-230621, DOI:10.5402/2012/230621 <b>http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3415212</b>	1	7
5.	Response surface optimization of sustained release Metformin-Hydrochloride Matrix Tablets: influence of some hydrophilic polymers on the release	<b>A.Roy*</b> , 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 <b>http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3440925</b>	1	10
6.	Development of an Aqueous film coating of Metformin Hydrochloride tablet: Influence of Plasticizers and Surfactants on the coating properties	<b>Amitava Roy*</b> , 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	<b>Amitava Roy,*</b> 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	<b>Amitava Roy*</b> , 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, <b>Amitava Roy</b>	JBPR, Volm 5, Issue 6, Nov-Dec, 2016	1	11

**Book or Book Chapters: Nil**

**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 HIMALAYAS TO ESTABLISH THEIR SUITABILITY AS PHARMACEUTICAL EXCIPIENTS	A.I.C.T.E- R.P.S	(8032/BOR/RID/RPS(NER)-11/2010-11)	9 lakhs 50 thousand	PI	Transferred

**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:**

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