


## Faculty Information

GENERAL INFORMATION				
<b>Recent Passport Photo</b>				
<b>Faculty Name</b>	Mr. Ashis Kumar Goswami			
<b>Department</b>	Department of Pharmacognosy			
<b>Designation</b>	Assistant Professor			
<b>Qualifications</b>	M. Pharm (Pharmacognosy)			
<b>Date of Joining the institute</b>	18.04.2022			
<b>Year of experience</b> <ul style="list-style-type: none"> <li>Teaching</li> <li>Research</li> <li>Industry</li> </ul>	2 years & 9 months 4 years 0 years			
<b>Google scholar link</b>	<a href="https://scholar.google.co.in/citations?user=leMFnqwAAAAJ&amp;hl=en">https://scholar.google.co.in/citations?user=leMFnqwAAAAJ&amp;hl=en</a>			
<b>LinkedIn ID</b>	<a href="https://www.linkedin.com/in/ashis-goswami-64786952/">https://www.linkedin.com/in/ashis-goswami-64786952/</a>			
<b>Contact Details</b> <ul style="list-style-type: none"> <li>Email:</li> <li>Phone No.:</li> </ul>	ashis@gips-guwahati.ac.in +91 7002836897			
PROFILE DETAILS				
<b>Research Area</b>	Standardization of ethnomedicinal knowledge, Anti amoebic activity, <i>In silico</i> drug discovery, Isolation of secondary metabolites from plants.			
<b>Educational Qualifications</b>	<b>Degree</b>	<b>Institute/University/Board</b>	<b>Year of passing</b>	
	<b>Post Doc</b>	No	Not Applicable	
	<b>Ph.D.</b>	Pursuing	Not Applicable	
	<b>PG (M.Pharm)</b>	Dept. of Pharmaceutical Sciences, University-Dibrugarh University	2014	
	<b>UG (B.Pharm)</b>	Dept. of Pharmaceutical Sciences, University- Dibrugarh University	2011	
	<b>12<sup>th</sup></b>	Vivekananda Kendra Vidyalaya, Dibrugarh, Board- CBSE	2006	
	<b>10<sup>th</sup></b>	Vivekananda Kendra Vidyalaya, Dibrugarh, Board- CBSE	2004	
<b>Work Experience</b>	<b>From date</b>	<b>To date</b>	<b>Designation</b>	<b>Organization name</b>
	27.08.14	31.01.15	Assistant Professor	Jayoti Vidyapeeth

				Women's University, Jaipur, Rajasthan
	01.02.19	30.11.19	Teaching assistant	Dept. of Pharmaceutical Sciences, Dibrugarh University, Assam
	01.08.2017	30.09.2020	Young Scientist fellow, Dept. of Health Research, Ministry of Health and Family Welfare, Govt. of India	Dept. of Pharmaceutical Sciences, Dibrugarh University, Assam
	05.10.2020	12.04.2022	Assistant Professor	Regional College of Pharmaceutical Sciences, Sonapur, Guwahati, Assam
	18.04.2022	Till date	Assistant Professor	Girijananda Chowdhury Institute of Pharmaceutical Science, Guwahati, Assam.
<b>Achievements &amp; Awards</b>	<ul style="list-style-type: none"> <li>• Young Scientist Fellow under Human Resource Development Scheme of Dept. of Health Research, Ministry of Health and Family Welfare, Govt. of India</li> <li>• Biotechnology Industry Research Assistance Council and Society for Research and Initiatives for Sustainable Technologies and Institutions (BIRAC-SRISTI) Appreciation award</li> <li>• International Travel Support by Science and Engineering Research Board to attend 25<sup>th</sup> International Symposium for High-Performance Thin-Layer Chromatography, Slovenia</li> <li>• Dibrugarh University Research Fellowship (DURF) for the session 2016-2017</li> <li>• Qualified All India Council for Technical Education (AICTE) Graduate Pharmacy Aptitude Test (GPAT) 2013 with All India Rank of 873</li> </ul>			
<b>Professional Membership</b>	<b>Description</b>	<b>Membership No.</b>	<b>Type of membership</b>	

	-	-	-		
Research Guidance	PG Scholars		Ph.D. Scholars		
	Awarded: 00		Awarded: 00		
	On-going: 00		On-going: 00		
Course & Subject Taught					
Course:	B. Pharm				
Semester/Year:	B. Pharm 4 <sup>th</sup> Semester, B. Pharm 6 <sup>th</sup> Semester, B. Pharm 8 <sup>st</sup> Semester				
Subject:	Sem IV- Pharmacognosy and Phytochemistry I (Practical) Sem V- Pharmacognosy and Phytochemistry II (Theory & Practical) Sem VI- Herbal Drug Technology (Theory & Practical)				
Publication details					
Count	Research/ Review Paper	Book Chapter(s)	Books	Patent(s)	Others (News/Blogs/ Magazine)
	14	04	00	Filed: 01 Granted: 00	00
Detail published paper					
<ul style="list-style-type: none"><li>Research/Review</li><li>Das S, Hazarika S, Sarma H, <b>Goswami AK</b>, Sharma HK. Green extraction and <i>in vitro</i> anti-mycobacterial activity of <i>Hydrocotyle sibthorpioides</i> Lam. and <i>Carica papaya</i> L. leaves collected from Assam, India. Indian Journal of Natural Products and Resources. 2022;13(1):60-66.</li><li><b>Goswami AK</b>, Gogoi N, Sharma HK. Validated High-Performance Thin-layer Chromatography-Mass spectrometry method and stability study of linalool in the volatile oil of the rhizomes of <i>Homalomena aromatica</i> Schott. Journal of Chromatographic Science.2022; bmac012. doi: 10.1093/chromsci/bmac012. Online ahead of print.</li><li>Gogoi N, Chowdhury P, <b>Goswami AK</b>, Das A, Chetia D, Gogoi B. Computational guided identification of a citrus flavonoid as potential inhibitor of SARS-CoV-2 main protease. Molecular Diversit.2021; 25(3): 1745-1759.doi: 10.1007/s11030-020-10150-x.</li><li><b>Goswami AK</b>, Sharma HK, Gogoi N, Kashyap A, Gogoi BJ. <i>In vitro</i> evaluation and molecular dynamics, DFT guided investigation of antimalarial activity of ethnomedicinally used <i>Coptis teeta</i> Wall. Combinatorial Chemistry &amp; High Throughput Screening.2022;25(2): 292-306.doi: 10.2174/1386207324666210118095503.</li><li><b>Goswami AK</b>, Gogoi N, Gogoi BJ, Sharma HK. Network-pharmacology and DFT based approach towards identification of leads from <i>Homalomena aromatica</i> for multi-target <i>in-silico</i> screening on <i>Entamoeba histolytica</i> proteins. Current Drug Therapy.2020;15(3); (2020): 226-237.doi : 10.2174/1574885514666190801102336.</li><li>Laldinsanga, Sarma H, Jahan T, <b>Goswami AK</b>, Sharma HK. Traditional anti-malarial drugs from Serchhip and Lunglei districts of Mizoram. Current Trends in Pharmaceutical Research. 2019;6(1):76-104.</li><li><b>Goswami AK</b>, Gogoi N, Shakya A, Sharma HK. Development and validation of high-performance thin-layer chromatographic method for quantification of berberine in rhizomes of <i>Coptis teeta</i> Wall, an endangered species collected from Arunachal Pradesh, India. Journal of Chromatographic Science. 2019;57(5):411-417.</li><li><b>Goswami AK</b>, Sharma HK, Shakya A. Evaluation of analgesic and anti-inflammatory activity of standardized methanolic extract of <i>Coptis teeta</i> Wall. rhizomes. Current Trends in Pharmaceutical Research. 2017;4(1):1-15.</li><li><b>Goswami AK</b>, Banu ZW, Sharma HK. CNS effects of <i>Homalomena aromatica</i> based on linalool content: A review. Current Trends in Pharmaceutical Research. 2016;3(2):20-38.</li><li>Baruah G, Kalita DJ, <b>Goswami AK</b>, Baishya DJ, Deka N. Free radical scavenging potential and antibacterial activity of leaves of <i>Aphanamixis polystachya</i> (Wall.) R.N. Parker. European Journal of Biomedical and Pharmaceutical Sciences. 2016;3(8):309-313.</li><li>Saikia R, <b>Goswami AK</b>, Sharma HK. Drug delivery to brain and bone marrow: A review. European Journal of</li></ul>					

Biomedical and Pharmaceutical Sciences. 2016;3(4):604-616.

- Bora NS, Kakoti BB, Gogoi B, **Goswami AK**. Ethno-medicinal claims, phytochemistry and pharmacology of *Spondias pinnata*: A review. International Journal of Pharmaceutical Sciences and Research 2014;5(4):1138-1145.
- Gogoi B, Kakoti BB, Bora NS, **Goswami AK**. Phytochemistry and Pharmacology of *Phlogacanthus Thyrsoflorus* Nees: A Review. International Journal of Pharmaceutical Sciences Review and Research. 2013;23(2):175-179.
- Shakya A, Sharma N, Gupta D, **Goswami AK**. Anti-depressant activity of *Ficus religiosa* L. Current Trends in Pharmaceutical Research. 2013;2(1):32-44.

#### Book Chapter(s)

- Saikia A, **Goswami AK** (2016). A review on the genus *Zanthoxylum* with special reference to its phytochemistry and traditional uses. In: The Marvel Plant of Meghalaya: *Zanthoxylum acanthopodium* DC, Hemanta Kumar Sharma and Kamruz Zaman. Deutschland: Lap Lambert Academic Publishing. ISBN: 978-3-659-88413-9. Pp 1-17.
- Sharma P, **Goswami AK**, Zaman K (2016). *In-vitro* antehelminthic and cytotoxic activity of the aqueous extract of *Zanthoxylum acanthopodium*". *The Marvel Plant Of Meghalaya: Zanthoxylum Acanthopodium DC*. Hemanta Kumar Sharma and Kamruz Zaman. In: The Marvel Plant of Meghalaya: *Zanthoxylum acanthopodium* DC, Hemanta Kumar Sharma and Kamruz Zaman. Deutschland: Lap Lambert Academic Publishing. ISBN: 978-3-659-88413-9. Pp 27-33.
- Sonowal B, **Goswami AK**, Lyngdoh W (2016). Phytochemical screening and evaluation for antimicrobial activity of n-hexane extract of the fruits of *Zanthoxylum acanthopodium* collected from Meghalaya, India. In: The Marvel Plant of Meghalaya: *Zanthoxylum acanthopodium* DC, Hemanta Kumar Sharma and Kamruz Zaman. Deutschland: Lap Lambert Academic Publishing. ISBN: 978-3-659-88413-9. Pp 39-50.
- **Goswami AK**, Das D, Sharma P (2016). TLC, HPTLC and FTIR analysis of various extracts of the seeds of *Zanthoxylum acanthopodium* of Meghalaya. In: The Marvel Plant of Meghalaya: *Zanthoxylum acanthopodium* DC, Hemanta Kumar Sharma and Kamruz Zaman. Deutschland: Lap Lambert Academic Publishing. ISBN: 978-3-659-88413-9. Pp 71-83

#### Book(s)

- Nil

#### Patent(s)

- Application pending

#### Other(s)

- Nil

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

**Conducted: 00**

**Attended/Participated: 15**  
**Presented: 10**

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

- **Goswami AK**. Five days training on "Camag HPTLC systems at India specific HPTLC applications research laboratory in Mumbai" organized by Anchrom Enterprises (I) Pvt. Ltd., Mumbai, 2019.
- **Goswami AK**. National Workshop on "Research paper and project proposal writing" organized by Dibrugarh University, Dibrugarh, 2016.
- **Goswami AK**. Workshop on "Application of NMR for Structural elucidation of Organic Compounds", organized by SAIF, North-Eastern Hill University, Shillong, 2016.
- **Goswami AK**. Workshop on "LaTeX", organized by Centre for Computer Studies, Dibrugarh University, Dibrugarh, 2016.
- **Goswami AK**. One-day Workshop on "Patent Search", organized by Intellectual Property Right Cell, Dibrugarh University, Dibrugarh, 2015.

#### Details of Conferences/Seminars/Workshop/FDP/STTP presented:

- **Goswami AK**. National Conference on "Current Research in Drug Discovery and Development", organized by Dibrugarh University, Dibrugarh, Assam, 2019.

	<ul style="list-style-type: none"> <li>• <b>Goswami AK.</b> International Conference on “Nutraceuticals and Chronic Diseases”, organized by IIT Guwahati, Guwahati, Assam, 2019.</li> <li>• <b>Goswami AK.</b> National Seminar on “Emerging Global Trends in Pharmaceutical Nanotechnology”, organized by Dibrugarh University, Dibrugarh, Assam, 2018.</li> <li>• <b>Goswami AK.</b> National Conference on “Ethno-medicine and Traditional Health Practices in North-east Region of India”, organized by NIPER Guwahati, Guwahati, Assam, 2018.</li> <li>• <b>Goswami AK.</b> National Seminar on “Natural Resources for Drug Discovery and Development”, organized by Dibrugarh University, Dibrugarh, Assam, 2019.</li> <li>• <b>Goswami AK.</b> National Seminar on “Recent Trends in Theoretical and Applied Statistics-II”, organized by Dibrugarh University, Dibrugarh, Assam, 2017.</li> <li>• <b>Goswami AK.</b> International Conference on “Harnessing the Sub-Himalayan Plant Diversity for Human Welfare”, organized by Dibrugarh University, Dibrugarh, Assam, 2015.</li> <li>• <b>Goswami AK.</b> National Seminar on “Plants in Diabetes: Prospects and Challenges”, organized by Asian Network of Research on Antidiabetic Plants at Dibrugarh University, Dibrugarh, Assam, 2015.</li> <li>• <b>Goswami AK.</b> International Conference cum Exhibition on “Drug Discovery and Development from Natural Resources”, organized by RIPANS, Aizwal, Mizoram, 2014.</li> <li>• <b>Goswami AK.</b> National Conference on “Indigenous Health Practices with Special Reference to the Tribes of North East India”, organized by Dibrugarh University, Dibrugarh, Assam, 2013.</li> </ul>
--	---

#### Funded Projects

PI or Co-PI	Funding source	Topic of project & Reference No.	Amount sanctioned (Rs.) and date	Status (On-going/Completed)
PI	Dept. of Health Research (DHR), Ministry of Health & Family Welfare, Govt. of India.	Evaluation for antiamebic activity of the secondary metabolites of <i>Homalomena aromatica</i> Schott. and high-throughput screening of the derivatives of isolated compound(s) targeting thioredoxin reductase of <i>Entamoeba histolytica</i> .  Reference no. R. 12014/02/2017-HR	Rs. 28,87,992/-  Date: 12.06.2017	Completed
PI	Biotechnology Industry Research Assistance Council and Society for Research and Initiatives for Sustainable Technologies and Institutions (BIRAC-	Practice of dysentery from Shodh Yatra 33 <sup>rd</sup> Haryana by Santosh- Evaluation of anti-dysenteric activity of plant extracts based on ethnomedicinal practices.  Reference no. BIRAC SRISTI PMU-2016/0011	Rs. 1,00,000/-  Date: 04.05.2016	Completed

	SRISTI)			
--	---------	--	--	--