

Dr. Ashis Kumar Goswami

Name: Dr. Ashis Kumar Goswami

Designation: Assistant Professor

Address for Communication: Girijananda Chowdhury Institute of Pharmaceutical Science (GIPS), NH37, Hatkhowapara, Azara, Guwahati, Assam- 781017

Mobile No.: +91 7002836897

WA No: +91 7002836897

Email:ashis@gips-guwahati.ac.in/ashis.goswami15@gmail.com

Sex: Male

Date of Birth: 15/09/1987

Educational Qualifications:

Sl. No.	Examination Passed	Year of passing	Board / Council / University	Specialization
1	HSLC/10 <sup>th</sup> Std.	2004	CBSE	NA
2	HSSLC/10+ 2 Std.	2006	CBSE	Science
3	Degree (B.Pharm)	2011	Dibrugarh University	Pharmacy
4	Master's Degree (M.Pharm)	2014	Dibrugarh University	Pharmacognosy
5	M. Phil.(Please Specify)	No	---	---
6	Ph. D. (Please Specify)	2022	Dibrugarh University	Pharmaceutical Science
7	Post-Doctoral (Please Specify)	No	---	---
8	Others(Please Specify)	---	---	---

Languages known: English, Assamese, Hindi (RWS)  
(Read, Write & Speak)

Academic/ Administrative Experience:

18.04.2022- Present	Asst. Professor of Pharmacognosy Girijananda Chowdhury Institute of Pharmaceutical Science, Guwahati.
05.10.2020-13.04.2022	Asst. Professor of Pharmacognosy Regional College of Pharmaceutical Sciences, Guwahati.
01.02.2019-30.11.2019	Teaching Assistant Dept. of Pharmaceutical Sciences, Dibrugarh University.
01.08.2017-30.09.2020	Young Scientist Fellow Dept. of Health Research, Govt. of India.
27.08.14- 31.01.15	Asst. Professor of Pharmacognosy Jayoti Vidyapeeth Women's University, Jaipur, Rajasthan.

List of Publications:

- **Goswami, Ashis Kumar**, Neelutpal Gogoi, and Hemanta Kumar Sharma. "Validated High-Performance Thin-layer Chromatography-Mass spectrometry method and stability study of linalool in the volatile oil of the rhizomes of *Homalomena aromatica* Schott.". *Journal of Chromatographic Science*. bmac012. Online ahead of print.
- **Das, Sagarika**, Suman Hazarika, Himangshu Sarma, **Ashis Kumar Goswami** and Hemanta Kumar Sharma. Green extraction and *in vitro* anti-mycobacterial activity of *Hydrocotyle sibthorpioides* Lam. and *Carica papaya* L. leaves collected from Assam, India. *Indian Journal of Natural Products and Resources* 13.1 (2022), 60-66.
- Gogoi, Neelutpal, Purvita Chowdhury, **Ashis Kumar Goswami**, Aparoop Das, Dipak Chetia and Bhaskarjyoti Gogoi. Integrated computational approach towards repurposing of antimalarial drug against SARS-CoV-2 main protease. *Structural Chemistry* 33.5 (2022), 1409-1422.
- Gogoi, Neelutpal, Purvita Chowdhury, **Ashis Kumar Goswami**, Aparoop Das, Dipak Chetia and Bhaskarjyoti Gogoi. "Computational guided identification of a citrus flavonoid as potential inhibitor of SARS-CoV-2 main protease". *Molecular Diversity* 25.3 (2021),1745-1759.
- **Goswami, Ashis Kumar**, Hemanta Kumar Sharma, Neelutpal Gogoi, Ankita Kashyap, Bhaskar Jyoti Gogoi. "In vitro evaluation and molecular dynamics, DFT guided investigation of antimalarial activity of ethnomedicinally used *Coptis teeta* Wall." *Combinatorial Chemistry & High Throughput Screening* 25.2 (2022),292-306.

- **Goswami, Ashis Kumar**, Neelutpal Gogoi, Bhaskar Jyoti Gogoi and Hemanta Kumar Sharma. “Network-pharmacology and DFT based approach towards identification of leads from *Homalomena aromatica* for multi-target *in-silico* screening on *Entamoeba histolytica* proteins”. *Current Drug Therapy* 15.3 (2020),226-237.
- Laldinsanga, Himangshu Sarma, Taslima Jahan, **Ashis Kumar Goswami**, Hemanta Kumar Sharma. “Traditional anti-malarial drugs from Serchhip and Lunglei districts of Mizoram”. *Current Trends in Pharmaceutical Research* 6.1 (2019),76-104.
- **Goswami, Ashis Kumar**, Neelutpal Gogoi, Anshul Shakya, and Hemanta Kumar Sharma. “Development and Validation of High-Performance Thin-layer Chromatographic Method for Quantification of Berberine in Rhizomes of *Coptis teeta* Wall, an Endangered Species Collected from Arunachal Pradesh, India”; *Journal of Chromatographic Science* 57.5 (2019),411-417.
- **Goswami, Ashis Kumar**, Hemanta Kumar Sharma, Anshul Shakya. Evaluation of analgesic and anti-inflammatory activity of standardized methanolic extract of *Coptis teeta* Wall. rhizomes. *Current Trends in Pharmaceutical Research* 4.1 (2017):1-15.
- **Goswami, Ashis Kumar**, Zartaj Wasmin Banu, Hemanta Kumar Sharma. CNS effects of *Homalomena aromatica* based on linalool content: A review. *Current Trends in Pharmaceutical Research* 3.2 (2016),20-38.
- Baruah, Geetanjali, Dev Jyoti Kalita, **Ashis Kumar Goswami**, Dibya Jyoti Baishya, and Nabajit Deka. “Free radical scavenging potential and antibacterial activity of leaves of *Aphanamixis polystachya* (Wall.) R.N. Parker”. *European journal of biomedical and pharmaceutical sciences* 3.8 (2016),309-313.
- Saikia, Rahul, **Ashis Kumar Goswami**, and Hemanta Kumar Sharma. "Drug delivery to brain and bone marrow: a review". *European journal of Biomedical and pharmaceutical sciences* 3.4 (2016),604-616.
- Bora, Nilutpal Sharma, Bibhuti Bhusan Kakoti, Barnali Gogoi, and **Ashis Kumar Goswami**. "Ethno-medicinal claims, phytochemistry and pharmacology of *Spondias pinnata*: a review". *International Journal of Pharmaceutical sciences and Research* 5.4 (2014),1138-1145.
- Gogoi, Barnali, Bibhuti Bhusan Kakoti, Nilutpal Sharma Bora, **Ashis Kumar Goswami**. "Phytochemistry and Pharmacology of *Phlogacanthus Thyrsiflorus* Nees: A Review". *International Journal of Pharmaceutical Sciences Review and Research* 23.2 (2013),175-179.

- Shakya, Anshul, Neha Sharma, Deepali Gupta, and **Ashis Kumar Goswami**. "Anti-depressant activity of *Ficus religiosa* L.". *Current Trends in Pharmaceutical Research* 2.1 (2013),32-44.

Research Experience:

- Doctoral thesis guided : 0
- Research & Consultancy Projects: 2

1. Scheme: Human Resource Development Scheme of Dept. of Health Research for Young Scientist (Grant ID: R. 12014/02/2017-HR)

Agency: Dept. of Health Research (DHR), Ministry of Health and Family Welfare, Govt. of India.

Grant Amount (in INR): Rs. 28,87,992/- (Rupees twenty-eight lakh eighty-seven thousand nine hundred ninety-two only).

Amount sanctioned for the project, "Evaluation for antiamebic activity of the secondary metabolites of *Homalomena aromatica* Schott. and high-throughput screening of the derivatives of isolated compound(s) targeting thioredoxin reductase of *Entamoeba histolytica*."

2. Scheme: Biotechnology Industry Research Assistance Council and Society for Research and Initiatives for Sustainable Technologies and Institutions (BIRAC-SRISTI) Appreciation Award. (BIRAC SRISTI PMU-2016/0011)

Agency: Society for Research and Initiatives for Sustainable Technologies and Institutions.

Grant Amount (in INR): Rs. 1,00,000/- (Rupees One lakh only).

Amount sanctioned for the project, "Practice of dysentery from Shodh Yatra 33rd Haryana by Santosh- Evaluation of anti-dysenteric activity of plant extracts based on ethnomedicinal practices."

Membership of Professional bodies: No

Award, Fellowship & Recognition:

1. International Travel Scheme for Young Scientist (Grant ID: ITS/2022/000816)

Agency: Science and Engineering Research Board, Dept. of Science & Technology, Govt. of India

Grant Amount (in INR): Rs 1,54,416/- (Rs. One lakh fifty-four thousand four hundred and sixteen only)

Amount Sanctioned to attend the 25<sup>th</sup> International Symposium for High-Performance Thin Layer Chromatography, Slovenia

2. Young Scientist Fellow of Dept. of Health Research (DHR), Ministry of Health and Family Welfare, Govt. of India.

3. Industry Research Assistance Council and Society for Research and Initiatives for Sustainable Technologies and Institutions (BIRAC-SRISTI) Appreciation Award.
4. Qualified All India Council for Technical Education (AICTE) Graduate Pharmacy Aptitude Test (GPAT) 2013 with All India Rank of 873.
5. Dibrugarh University Research Fellowship (DURF) for the session 2016-2017.

*Ashis Kr. Goswami.*

(Dr. A. K. Goswami)

Date: 17.01.2023