



GIPS -Let

# News Letter

Vol.7, Issue-2, DEC 2019

GIRIJANANDA CHOWDHURY INSTITUTE OF PHARMACEUTICAL SCIENCE (GIPS)

## About GIPS...

Girijananda Chowdhury Institute of Pharmaceutical Science (GIPS) was established in the year 2007 as the first non-government pharmacy institute in the state of Assam under the aegis of Shrimanta Shankar Academy (SSA), a registered service organization set up in the year 1992 to make significant contribution for social upliftment through education and also to inculcate among the youth a sense of discipline. The motto of the society is 'truth', 'Discipline' and 'excellence' and ever since its aim has been to establish a morally sound education system which not only produce competent professionals but also excellent human beings contributing towards the welfare of the society. The Institution is affiliated to Gauhati University and Assam Science and Technology University, Assam, approved by All India Council of Technical Education (AICTE), New Delhi and recognised by Pharmacy Council of India (PCI), New Delhi. In keeping with its objective of providing the best possible pharmaceutical education, the college has built up a strong infrastructure. This comprises of highly knowledgeable faculty, most of them either hold or are registered for doctorates. Continuous interaction with industry is maintained to ensure that the learning program remains relevant to the changing trends in pharmaceuticals. The college is constantly seeking to upgrade the quality of its education and actively participates in research to remain on the cutting edge.



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## The President's Voice....

**Mr. Ratul Das, President, Shrimanta Shankar Academy**

I am highly delighted to know that the news letter "GIPS-LET" (Vol.7, Issue-2) is on the verge of publication. I hope this publication will be able to provide recent news regarding the progress being made by this institution in the field of pharmacy for last couple of years. I convey my best wishes to the editor and his team for their endearing endeavour to bring out this volume on time.



## The Principal's Words...

**Prof. (Dr.) Gouranga Das, Principal, GIPS**

Girijananda Chowdhury Institute of Pharmaceutical Science is an excellent Pharmacy Institute in the North-East zone of India. Our one and only endeavour is to attain the quality education and to produce skilled and competent professionals. The undergraduate course (B.Pharm) is provisionally accredited by National Board of Accreditation (NBA) for 2016-19 to 2019-20 academic years and the Institute is placed in NIRF Rank Band 51-75, 2019 among the Pharmacy institutes in India by MHRD, Govt. of India. Apart from advanced teaching and learning programme, this Institute conducts seminars, symposium and workshops on different relevant topics, training, free health care camp, gender sensitization programme, blood donation camp, etc. throughout the session. Achievement of Inter College Cricket tournament championship winner trophy and taking part of faculties in Northeast First International Half Marathon, 2018 make the institute famous one. The placement cell ensures the hundred percent placements of final year students in different Pharma-Industries and other sectors and serves the Nation.

## The Editor Speaks....

**Dr. Jun Moni Kalita**

**Asst Prof., Dept. of Pharmaceutical Chemistry**

It gives me immense pleasure that Girijananda Chowdhury Institute of Pharmaceutical Science (GIPS) is going to publish the 7th volume, issue-2 of news letter, GIPS-Let. GIPS is well known for inculcating the multifarious qualities in students for their round development. This edition of GIPS-Let highlights the news regarding recent development in research field in pharmaceutical sector, different activity/events at GIPS, students achievements, some research paper publications. The editorial board is grateful to the president, SSA, for encouraging us to bring out this issue. We are also thankful to the principal, GIPS for inspiring and guiding us throughout the publication.



## Editorial Board members



Dr Abdul Baquee Ahmed



Dr Bhanu Pratap Sahu



Dr Dipankar Saha



Dr Jashabir Chakraborty



Dr Trishna Das



Dr. Dibyendu Shil



Mr Jiban Debnath



## Current Pharma News

### *Giving TB vaccine intravenously boosts efficacy*

Experiments in rhesus macaques show that changing the mode of administration of an existing vaccine yields "amazing" results in the fight against tuberculosis (TB). Globally, TB is one of the top 10 causes of death and the leading cause of death from infection, ranking higher than HIV and AIDS. Approximately 10 million people across the world contracted TB in 2018, according to the World Health Organization (WHO). Although most of these cases tend to occur in Southeast Asia and Africa, drug resistant TB is a "public health threat" worldwide.

There is currently only one available vaccine, which is called bacillus Calmette–Guérin (BCG). Healthcare professionals administer the vaccine intradermally; that is, they inject it directly under the skin. However, with this mode of administration, the effectiveness of the vaccine varies significantly from person to person. But, new research suggests, administering the vaccine intravenously instead could drastically improve its efficiency.

### *Common foods alter gut bacteria by influencing viruses*

A group of researchers has brought the idea of food as a medicine one step closer. They have identified certain common food tuffs that alter our microbiome. In science today, food and gut bacteria are two topics that are guaranteed to fuel interest and debate. Both, of course, are interrelated, and a new study focuses on some subtleties of this relationship.

The lack of a healthy population of gut bacteria compromises our health; the same is true when we do not eat a healthful diet. However, scientists do not entirely understand the exact impact of specific foods on gut bacteria. This knowledge gap is due, in part, to the unbelievable complexity of the microbiome. One factor that muddies the water is bacteriophages, or phages for short.



Source: [www.medicalnewstoday.com](http://www.medicalnewstoday.com)

Collected by : **Mr. Sudhabrata Roy**  
B. Pharm 8th Sem, GIPS



Source: [www.medicalnewstoday.com](http://www.medicalnewstoday.com)

Collected by : **Dr. Damiki Laloo**  
Asso. Prof, GIPS

## Older adults who drink tea are less likely to be depressed

Previous research has suggested that there is a link between depression and tea drinking. Now, a new study is investigating this relationship further. Depression is common among older adults, with 7% of those over the age of 60 years reporting "major depressive disorder."

Accordingly, research is underway to identify possible causes, which include genetic predisposition, socioeconomic status, and relationships with family, living partners, and the community at large.

A study by researchers from the National University of Singapore (NUS) and Fudan University in Shanghai raises another possibility. It finds a statistically significant link between regular tea drinking and lower levels of depression in seniors. While the researchers have not yet established a causal relationship between tea and mental health, their findings — which appear in *BMC Geriatrics* — show a strong association.



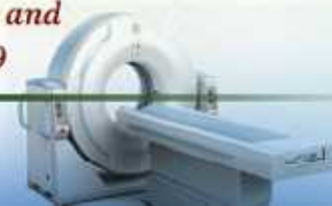
Source: [www.medicalnewstoday.com](http://www.medicalnewstoday.com)  
Collected by : Zartaj Wasmin Banu  
Asst. prof, GIPS

# Activity/events at GIPS

## Orientation Programme



*A three days orientation programme for newly joined B.Pharm and D. Pharm Students was organized on 1st to 3rd August 2019*



## One Day Workshop



*An one day workshop was organized by Indian Pharmaceutical Association (IPA) in collaboration with Sun Pharmaceutical Laboratories Ltd. And In association with Giriananda Chowdhury Institute of pharmaceutical Science on 14th Sept 2019*

## Alumni Meet



*An one day workshop was organized by Indian Pharmaceutical Association (IPA) in collaboration with Sun Pharmaceutical Laboratories Ltd. And In association with Giriananda Chowdhury Institute of pharmaceutical Science on 14th Sept 2019*



## Freshman Social Programme



*Freshman Social Programme for the First Batch of Newly opened Course B. Pharm (Practice) was organized on 17th September 2019*

## One day CEP Seminar



*A one day CEP cum Seminar on Good Pharmacy Practice was organized on the eve of National Pharmacy Week on 24th November 2019. The seminar was organized by National Pharmacists' Convention Committee (NPCC) in association with Assam Pharmacy Council (APC) and Girijananda*

## Constitution Day Celebration



*Constitution Day (Samvidhan Divas) was celebrated on 26th November 2019*

## Achievements

### Institute Achievements

- B. Pharm Course of the Institute is accredited by National Board of Accreditation (NBA) till June 2022
- Memorandum of Understanding (MoU) was signed between Girijananda Chowdhury Institute of Pharmaceutical Science and Signova Healthcare Pvt. Ltd. Amingaon, Guwahati on 22nd Sept 2019.
- A new course B. Pharm (Practice) with 40 intakes was introduced on August 2019.



## Faculty Achievements

Dr. Jashabir Chakraborty, Asst. Prof. GIPS awarded with an All India Council for Technical Education (AICTE) funded research project entitled 'Quantification of variation in the L-theanine content depends on seasonal, geographical and maturity onset factors in Assam tea leaves and evaluation of acute effect on associated hippocampal with hedonic performance using suitable animal model' of total fund Rupees 22 lacs.



Dr. Abdul Baquee Ahmed, Asso. Prof. GIPS awarded with an All India Council for Technical Education (AICTE) funded research project entitled 'Development of Nano carrier using isolated biomaterial from "Komal Saul" a soft variety of rice grown in Assam for drug delivery application' of total fund Rupees 25 lacs.



Dr. Debaprotim Dasgupta, Asso. Prof. GIPS awarded with an All India Council for Technical Education (AICTE) funded research project entitled 'Phytochemical screening and anticancer activity of some novel medicinal plants available in North-East region of India' of total fund Rupees 23 lacs.



## Papers Published

- Abdul Baquee Ahmed, Gouranga Das. Effect of Menthol on The Transdermal Permeation Of Aceclofenac From Microemulsion Formulation. *International Journal of Applied Pharmaceutics*, 11(2), 2019:117-122.
- Chinmoy Bhuyan , Bipul Kumar Rabha. A Current Status Of North-Eastern Black Fly Bites: A Review. *Journal Of pharma Research*. 8(6), 2019:386-389.
- Chinmoy Bhuyan, Bhupen Kalita and Trishna Das. Design and development of herbosomes cream for the prevention and treatment of black fly bites. *The pharma Innovation*. 8(6), 2019:932-942.
- Chinmoy Bhuyan, Nongmaithem Randhoni Chanu. The Sensitive Plant Mimosa Pudica: A Useful Weed. *International journal of scientific development and research*. 4(5), 2019:313-319.
- Debapratim Dasgupta, Tasrina Rahman. Phytochemical screening and Pharmacological activity with respect to muscle relaxant property of methanolic extract of *Crotalaria ternatia*. *J Pharmacog. Phytochem.*, 8(3), 2019:1846-1848.
- Debaprotim Dasgupta Mustafizur Rahman. Phytochemical Screening and pharmacological activities with respect to analgesic and anti-inflammatory activity of methanolic extract of *Jatropha Curcas* fruit. *International journal of Pharmaceutical sciences and Research*. 10(11), 2019:5211-5215.
- Parbin Iraqi, Tapash Chakraborty, Malay K. Das, R.N.S Yadav. Herbal antimicrobial gel with leaf extract of *Cassia alata* L. *Journal of Drug Delivery & Therapeutics*, 9(3), 2019:82-94.
- Rituraj Bharadwaj, Bhanu Pratap Sahu, Jayanta Haloi, Damiki Laloo , Prajjalendra Barooah , Keppen Chenole , Manab Deka, Subhash Medhi. Combinatorial therapeutic Approach for Treatment of Oral Squamous cell Carcinoma. *Artificial Cells, Nanomedicine and Biotechnology*, 47(1), 2019:572-585.
- Rupshika Kalita, Bhanu P Sahu. Formulation and optimization of Fast Dissolving Tablets of Aceclofenac by Quality by Design approach. *Current Research Journal of Pharmaceutical and Allied Sciences*, 3(1), 2019:1-8.
- Saumendu Deb Roy, Suvakanta Dash, Ramesh Kumari Dasgupta, Jashabir Chakraborty. Modulatory potential on immune system of a new alkaloid isolated from *Coccinea cordifolia* root. *International Journal of Biological Macromolecules*, 121(41), 2019:643-649.
- Sheikh Sofiur Rahman, Abdul Baquee Ahmed. Preparation, characterization and statistical optimization of Nevirapine loaded chitosan nanoparticle for vaginal delivery. *Journal of Pharmaceutical sciences and research*, 11(2), 2019:348-358.
- Sheikh Sofiur Rahman, Abdul Baquee Ahmed. Development and evaluation of mucoadhesive nanogel of nevirapine for vaginal application. *International Journal of applied pharmaceutics*, 11(3), 2019:144-149
- Smriti rekha Chanda Das, Abdul Baquee Ahmed, Dibyendu Shil, Indranil Chanda. Isolation And *In Vitro* Antioxidant Activity Of Flavonoid From *Lindernia Crustacea* (L) F. Muell. *Asian Journal Of Pharmaceutical and Clinical Research*, 12 (6), 2019:289-293.
- Smriti Rekha Chanda Das, Abdul Baquee Ahmed, Dipankar Saha, Indranil Chanda. Scientific Evidence of *Lindernia crustacea* (L) F. Muell, An Indigenous Plant: A Folklore Medicine Used Traditionally. *International Research Journal Of Pharmacy*, 10 (1), 2019:176-183.



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