



GIPS NEWS LETTER

GIRIJANANDA CHOWDHURY INSTITUTE OF PHARMACEUTICAL SCIENCE-TEZPUR

About GIPS-Tezpur...

GIRIJANANDA CHOWDHURY INSTITUTE OF PHARMACEUTICAL SCIENCE-TEZPUR is established by Shrimanta Shankar Academy Society in 2020. This is the first pharmacy institute in the state of Assam established under Public Private Partnership (PPP) model by Shrimanta Shankar Academy Society and Director of Technical Education, Government of Assam. The Shrimanta Shankar Academy Society is 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 & Excellence" and ever since its inception its aim has been to establish a morally sound educational system which not only produces competent professionals but also excellent human beings contributing towards the welfare of the Society. The institute is affiliated to Assam Science and Technology University, Government of Assam and Approved by Pharmacy Council of India (PCI), New Delhi, Government of India. The institute has also applied for approval from All India Council for Technical Education (AICTE), MHRD, New Delhi. In keeping with its objective of providing the best possible pharmaceutical education, the college has built up a strong infrastructure in terms of building, classrooms, laboratories, library, Seminar hall, playground and hostels for boys. All the laboratories are equipped with modern instruments for education and research in the field of Pharmacy. The college is constantly seeking to upgrade the quality of its education and actively participates in research to remain on the cutting edge.

In this volume

- The President's Voice:
- The Principal's Words:
- From the Editor's pen:
- Current Pharma News:
- Activity / events at GIPS-Tezpur
- Achievements of GIPS-Tezpur

The President's voice...

**Mr. Ratul Das, President,
Srimanta Sankar Academy**



I am delighted to know that the 2nd issue of newsletter "GIPS-Newsletter" of Girijananda Chowdhury Institute of Pharmaceutical Science-Tezpur is on the verge of publication. I hope this publication will be able to provide recent news regarding the institution in the field of pharmacy as well as other news related to the institution. I convey my best wishes to the editor and her team for their endeavour to bring the second issue on time. My best wishes to "GIPS-Newsletter".

The Principal's words...

**Prof (Dr.) Abdul Baquee Ahmed,
Principal, GIPS-Tezpur**



A news letter in general and of an educational institution in particular is a mirror of the intrinsic working and achievements of the institution for a specific period. All the stakeholders particularly the parents get a brief but purposeful glimpse of the college for their information and constructive suggestion if any. A news letter inspires and motivates students and staff alike, for it reminds them of the zeal that they had once to do something extraordinary.

I am happy that GIPS-TEZPUR has constituted its 2nd issue of the GIPS-News letter and going to publish very soon covering various activities that had taken place in the campus in the last 6 months. The News Letter will definitely help to showcase the activities which took place in the campus and helps in building teamwork, which is very much required today in the world of competition. It also provides a platform for exploring the merits of students and faculty. Indeed, I am happy to convey my congratulations and put on record KUDOS to the editorial team.



From the Editor's pen...

Ms. Rupshikha Malakar

Asst. Professor, GIPS-Tezpur, Dept. of Pharmacology

It gives me immense pleasure that Girijananda Chowdhury Institute of Pharmaceutical Science-Tezpur (GIPS-Tezpur) is going to publish the 2nd issue of news letter, GIPS-Newsletter. GIPS-Tezpur is well known for inculcating the multifarious qualities in students for their round development. This edition of GIPS-Newsletter highlights the news regarding recent development in research field in pharmaceutical sector, different activity/events at GIPS and some research paper publications by the faculty of GIPS-Tezpur, faculty and student achievements. 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-Tezpur for inspiring and guiding us throughout the publication.

Editorial Board Members



Mr. Uddhav Patangia



Mr. Sandipan Choudhury



Ms. Trishna Mani Nath



Mr. Padma Nath Pegu

Current Pharma News

***Toxoplasma gondii*: Parasite that can treat cancer**

Scientists have discovered a deadly parasite which can cause infection in pregnant women and immune-compromised patients, possess certain potential in treating tumours. This miraculous research was carried out by experts from the University of Nottingham, Ningbo University and Shanxi Agricultural University in China and they published their work in Journal for Immuno Therapy Cancer. In this new study, scientists revealed that a parasite exhibit ability to sensitise cold tumours - tumours that are not likely to trigger a strong immune response by the body - to immune checkpoint blockade therapy. They carried out this experiment by culturing the mutant strain of this parasite with limited ability to grow and injected into cold tumour induced mice. They have observed that, parasite induced some inflammatory responses in injected tumour or even tumour at a distant location in host. This experimental approach has made tumour more responsive towards immune checkpoint inhibitors. This dual action treatment with parasites can extend the survival of mice by reduce the uncontrolled

growth of tumour in various cancer induced mice models such as melanoma, Lewis lung carcinoma, and colon adenocarcinoma. Dr. Hany Elsheikha, Associate Professor in the School of Veterinary Medicine and Science at the University of Nottingham said that the use of a mutant version of *Toxoplasma gondii* in the treatment of certain tumours in mice models has been previously reported and this current research confirmation that intra-tumoral injection with mutant *Toxoplasma gondii* strain boosts antitumor immunity and the effectiveness of checkpoint inhibition therapy. Scientists leading the study believe that this finding could have broader therapeutic implications for many types of cancers. These are significant findings and are relevant to future tumour therapy but further research is needed."

Source: <https://www.sciencedaily.com/releases/2021/11/211102140659.htm>

Collected by:

Ms. Shahnaz Alom
Asst. Prof, GIPS-Tezpur

Activities and Events at GIPS-Tezpur

Annual Sports Week 2021



The institute organized annual sports week from 15th -18th November 2021, where students participated in different in door and outdoor events. The event was graced by the presence of Chief Guest Respected Dr. Biswaranjan Kalita, Ex Joint Director of Health Service cum Athlete and Dr Prawn Kumar.

Republic Day Celebration



73rd Republic Day was celebrated at GIPS-Tezpur on 26th January, 2022, where hoisting of Tricolour was done by Principal GIPS-Tezpur along with Principal GIMT.

Saraswati Puja Celebration



Saraswati Puja was celebrated by GIPS-Tezpur within the premises of GIPS-Tezpur on 5th February, 2022.

International Women's Day Celebration



International women's day was celebrated at GIPS-Tezpur on 8th march 2022. All the faculty members have participated in this occasion.

National Science Day Celebration



National Science day was celebrated at GIPS-Tezpur on 28th February 2022. Eminent speakers Prof. Dr. Palashmoni Saikia, Principal, Darrang college graced the occasion as the Chief Guest and Dr. Pronobesh Chattopadhyay, Scientist-F of Defense Research Laboratory as Guest of Honor. An inter-college quiz competition was organized and it was followed by a plantation drive. As a part of the celebration the 1st edition of Institutional Annual Magazine- "PharmaQuest", 1st issue of GIPS Newsletter and 2nd edition of Institute Wall Magazine "Pharmaxetra" were inaugurated.

Field visit to dekargaon CHC, Imperial beverages ltd. and Nabaprabhat orphanage



The students of Diploma 1st year were taken on a field visit to Dekargaon CHC, Imperial Beverages Ltd. and Nabaprabhat Orphanage on 29th April 2022 as a part of their course curriculum.

Independence Day Celebration



Gips Tezpur celebrates the 76th Independence Day on 15th August, 2022. The National Flag was hoisted by Dr. Abdul Baquee Ahmed, Principal, GIPS-Tezpur along with Dr. Dipal Baruah, Principal, GIMT-Tezpur in the presence of Faculties, staffs, and students.

WORLD NO TOBACCO DAY, 2022



GIPS-Tezpur observed the “WORLD NO TOBACCO DAY” in collaboration with Department of Addiction and Medicine, Lokopriya Gopinath Bordoloi Regional Institute of Mental Health (LGBRIMH), Tezpur on 31st May, 2022. Dr. Rajesh Kumar, Asst. Professor, Dept. of Clinical Psychology, LGBRIMH and Dr. Arif Ali, Associate Professor, Dept. of Psychiatric Social Work, LGBRIMH graced the occasion with their presence. Mrs. Suranjana Sharma, Principal, Tezpur Science Academy was invited as the Guest of Honour.

World Environment Day, 2022



A “Tree plantation drive” was organized by NSS Team of GIPS-Tezpur on the account of World Environment Day on 5th June, 2022

International Yoga Day Celebration



GIPS-Tezpur celebrates International Yoga Day on 21st June, 2022. Ms Momita Gogoi, Coach of Yogasana Sports Association, Assam was the invited guest of the event.

Workshop



Research & Innovation Cell, GIPS-Tezpur organized a workshop on the topic “Science of Positive Emotions” delivered by a Guest speaker Dr. Pranjal Buragohain, Assistant Professor, Dept. of Education, Dibrugarh University on 30th August 2022. The workshop was graced by the presence of Mr. Ratul Das Sir, President of Shrimanta Shankar Academy, and Dr. Abdul Baquee Ahmed, Principal GIPS-Tezpur.

Free Dental Health Camp



A free dental health camp has been organized by GIPS-Tezpur in association with Super-speciality Dental Clinic, Mission Chariali in historic Usha Natya Mandir, Dekargaon, Tezpur. In this event, two excellent dentist were present namely Dr. Pawan Kumar, BDS, MD Super-speciality Dental health clinic and Dr. Sukhpreet Kaur, B.D.S. More than 100 people have undergone dental check up and avail free medicines provided by doctors.

User Awareness Program on National Digital Library of India



A seminar on the topic “User Awareness Program on National Digital Library of India” was organized by NDLI Club, GIPS-Tezpur in association with National Digital Library of India on 28th Apr 2022.

Poster/Oral Presentation by Faculty of GIPS-Tezpur



Ms Tasleema Jahan, Ms. Neha Agarwal, Mr. Farak Ali, Ms. Shahnaz Alom, Assistant Professor, GIPS-Tezpur, has participated and presented poster presentation in the National Conference on “Recent Discoveries in Medicinal and Aromatic Plants Research and its Sustainable Development in North East India” Redimap 2021 organized by Department of Herbal Science and Technology, Anandaram Dhekiel Phookan College, Nagaon, Assam, India held on 20th -21st Jan, 2022.



Ms. Rupshikha Malakar, Mr. Sandipan Choudhury, Ms. Tasleema Jahan, Assistant Professor, GIPS-Tezpur, has participated and presented poster in North-East Research Conclave 2022 and Assam Biotech Conclave 2022, which was held at Indian Institute of Technology, Guwahati on 20th-22nd May, 2022 organized by Science, Technology and Climate change department and department of Education, Govt of Assam, IIT Guwahati, Guwahati Biotech Park sponsored by Central Govt and all the North Eastern State Govt.



Dr. Ravi Kumar Rajan and Dr. Hemanga Hazarika, Assistant Professor, GIPS-Tezpur has attended five-day CPE programme on "Effective presentation skills" from 20.06.2022 to 24.06.2022, organized by Department of Pharmaceutical Chemistry, PSG College of Pharmacy, Peelamedu, Coimbatore, Tamil Nadu.



Mr. Damanbhalang Rynjah and Ms. Sanheeta Chakraborty, Assistant Professor, GIPS-Tezpur has attended an AICTE sponsored one week short-term training program on the theme “Role of Faculty to develop moral values and ethics in Research and Publication: Unraveling the facts of Publish or Perish” organized by GIPS Guwahati, Assam, India from 20th to 25th June, 2022.



Ms. Rupshikha Malakar, Assistant Professor, GIPS-Tezpur has attended the one day seminar entitled “Integration of 3D technology in Pharmaceutical Formulation” organized on 22nd April, 2022 by Department of Pharmaceutics, NIPS in association with Internal Quality Assurance Cell (IQAC), NIPS, Mirza, Assam.



Mr. Shekhar Ch. Bora, Assistant Professor, GIPS-Tezpur has attended Two Days Training Programme for “ Mentors of Standard Clubs” held on 9th & 10th May 2022 at Kolkata, Coducted by Bureau Of Indian Standards.



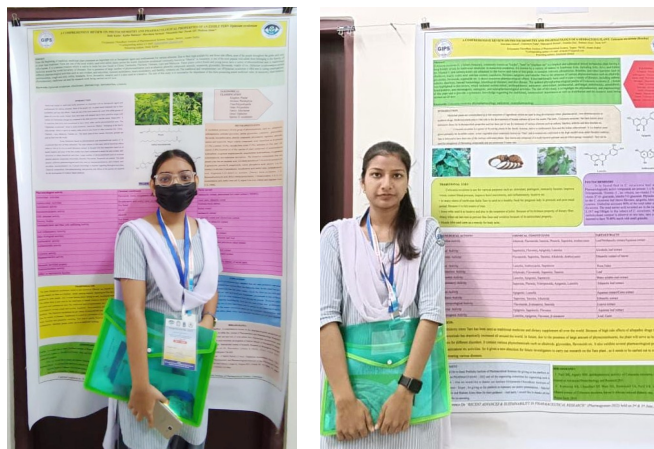
Dr. Hemanga Hazarika, Assistant Professor, GIPS-Tezpur has participated in the Regional Meet of Institutions’ Innovation Council, and Ministry of Education’s Innovation Cell, held on 4th Aug-2022 at Assam Royal Global University, Guwahati.

Poster/Oral Presentation by Students of GIPS-Tezpur



Dolly Kalita, Murchana Sarmah, Jesminara Ahmed, Nikusmita, Kaifur Rahman, Manya J. Baruah and Semmanta Nayan Das, Eric Barla, Rinkita Roy, Pranjit Baruah and Harshadeep Seal, Students of D. Pharm 1st year and B. Pharm 3rd Sem GIPS-Tezpur, has participated and presented poster presentation in the National Conference on “Recent Discoveries in Medicinal and Aromatic Plants Research and its Sustainable Development in North East India” Redimap 2021 organized by Department of Herbal Science and Technology, Anandaram Dhekial Phookan College, Nagaon, Assam, India held on 20th -21st Jan, 2022.

Dolly Kalita, Murchana Sarma, Nikusmita Das, Kaifur Rahman and Jesminara Ahmed, Swastika Das, Chinmoyee Dutta, Maya J. Baruah and Fahmeeda Naz, Students of D. Pharm 1st year and B.Pharm 4th Semester has participated in oral and poster presentation in two days National Conference “PHARMAGYANAV-2022 with the theme “Recent Advances and Sustainability in Pharmaceutical Research” Which was organized by Pratiksha Institute of Pharmaceutical Sciences in collaboration with Assam Science Society and Indian Pharmaceutical Association held on 2nd and 3rd Jun, 2022.





Netra Sharma, Nabiulla Ali, Smriti M. Baishya and Harshadeep Seal and Fahmeeda Naz, Sruti Deka, Students of B.Pharm 4th Semester, GIPS-Tezpur has participated and presented poster and oral in North-East Research Conclave 2022 and Assam Biotech Conclave 2022, which was held at Indian Institute of Technology, Guwahati on 20th-22nd May, 2022 organized by Science, Technology and Climate change department and department of Education, Govt of Assam, IIT Guwahati, Guwahati Biotech Park sponsored by Central Govt and all the North Eastern State Govt.



Smita Das, Poly Dutta, Smritimoni Baishya, Students of B. Pharm 4th Semester has presented poster on a topic entitled "Health benefits of Bhut jolokia/Ghost pepper" in DECIPHER 2022 organized by GIPS Guwahati, Assam, India held on 28th Feb, 2022.

Faculty Achievements



Dr. Abdul Baquee Ahmed, Principal GIPS-Tezpur, Dept. of Pharmaceutics, has been invited as a resource person and delivered a lecture in a webinar on "Optimization of Pharmaceutical dosage forms using design of experiment" organized by Assam Down Town University on 25th March, 2022

Mr. Hemanga Hazarika, Assistant Professor, Girijananda Chowdhury Institute of Pharmaceutical Science-Tezpur, has been awarded the degree of Doctor of Philosophy (Ph.D.) in Pharmaceutical Sciences by Dibrugarh University for his thesis entitled "EXPLORATION OF NATURAL PRODUCTS IN COMBATING DIFFERENT INSECT VECTORS", on 1st April 2022. He received DRDO Junior Research Fellowship (JRF), in 2016, and Senior Research Fellowship (SRF) award in 2018, and carried out his Ph.D. research work in Defence Research Laboratory (DRL), DRDO, Ministry of Defence, Govt. of India, Tezpur, under the guidance of Dr. Pronobesh Chattopadhyay, Scientist "F", DRL, Tezpur, Assam, & Dr. Md. Kamaruz Zaman, Associate Professor, Department of Pharmaceutical Sciences, Dibrugarh University, Dibrugarh, Assam.



Ph.D. Awarded



Ph.D. Awarded

Mr. Ravi Kumar Rajan, Assistant Professor, Girijananda Chowdhury Institute of Pharmaceutical Science-Tezpur, has been awarded the degree of Doctor of Philosophy (Ph.D.) in Pharmacy & Pharmaceutical Sciences by "The Tamil Nadu Dr. M.G.R. Medical University, Chennai" for his thesis entitled "PRE-CLINICAL EVALUATION OF NEUROPROTECTIVE EFFECTS OF TERPENES/TERPENOIDS AND STILBENOIDS IN ISCHEMIC DISEASE", on 10th June 2022. He received Junior Research Fellowship (JRF) by the Department of Science and Technology, Delhi, in 2014, and carried out his Ph.D. research work at PSG College of Pharmacy, under the guidance of Dr. M. Ramanathan, Ph.D., DSc., who is the Principal of PSG College of Pharmacy, Coimbatore, Tamil Nadu.

Mr. Sanjeev Kalita, Assistant Librarian of GIPS-Tezpur has published three articles in the various Assamese Magazine namely Niyamiya Barta, Saptahik and Dainik Janambhumi. He has already written many articles related to current issues in different news papers and magazines. He has been awarded by many organisations for his contribution to society.



ছোমালিয়া

সঞ্জীৱ কলিতা

গোৱালপাৰীৰ প্ৰিয় ছোমালিয়াৰ বিভিন্ন বৰ্তমানৰ কথা আৰু ভৱিষ্যতৰ কথা ক'ব পাৰি।

ছোমালিয়া

ইতিহাস আৰু প্ৰিয় ছোমালিয়াৰ কথা ক'ব পাৰি।

অবীৰতাৰ কবিতা

অনুপ কথা

অনুপ কথাৰ কবিতাৰ কথা ক'ব পাৰি।

শিক্ষকৰ অভাবত

শিক্ষকৰ অভাবত শিক্ষা প্ৰতিষ্ঠানত শিক্ষাৰ গুণ হ্রাস পাইছে।

Students Achievement

Semmanta Nayan Das, Eric Barla, Rinkita Roy, Pranjit Baruah and Harshadeep Seal, Smita Das, Bidyut Borah, Poly Dutta, Students of 4th Sem, GIPS-Tezpur participated in the ppt. presentation competition organized by DRL, Tezpur on the occasion of National Technology Day on 11th May 2022 and secured 1st and 2nd position. This day is celebrated to mark the successful trials of nuclear tests, popularly known as the "Pokhran-II" tests in Rajasthan, headed by the eminent Scientist Dr. A. P. J Abdul Kalam, who was the head of DRDO then.



Semmanta Nayan Das, Rinkita Roy, Eric Barla, Pranjit Boruah of B.Pharm 4th Semester, "Participated in National Level Digital Poster Competition". Awarded with Consolidated Prize (Rs.1200/-). Conducted by Academic Decipher, Mumbai. Guided by Shekhar Ch. Bora.

Achievement of SSA

The Shrimanta Shankar Academy Society got the approval from Assam Cabinet for establishing a private university - Girijananda Chowdhury University, Assam with its main campus at Azara, Guwahati, and constituent campus at Dekargaon, Tezpur under the Assam Private Universities Act, 2007 on 11th September 2022. With this new varsity, the SSA Society aims in establishing a morally sound education system by focusing on multi disciplinary programmes.



GIPS Tezpur Paper Publication

1. Ripunjoy Bordoloi, Abdul Baquee Ahmed, and Himakshi Baishya. "Development and Validation of RP-UHPLC Method for Quantification of Gliclazide in Bulk and Pharmaceutical Dosage Form Using Quality-by-Design (QbD) Approach: A Shifting Paradigm." *Chromatographia* (2022): 1-14. IF: 2.2
2. Hemanga Hazarika, Harshita Krishnatreyya, Varun Tyagi, Johirul Islam, Neelutpal Gogoi, Danswring Goyary, Pronobesh Chattopadhyay, and Kamaruz Zaman. "The fabrication and assessment of mosquito repellent cream for outdoor protection." *Scientific reports* 12, no. 1 (2022): 1-20. IF: 4.9
3. Amresh Kumar, Amit Ladha, Ankita Choudhury, Abu Md Ashif Ikbal, Bedanta Bhattacharjee, Tanmay Das, Gaurav Gupta et al. "The chimera of S1 and N proteins of SARS-CoV-2: can it be a potential vaccine candidate for COVID-19?." *Expert Review of Vaccines* (just-accepted) (2022). IF: 5.8
4. Bedanta Bhattacharjee, Abu Md Ashif Ikbal, Bikash Debnath, Damanbhalang Rynjah, Amlanjyoti Rajkhowa, Kuntal Manna. "An Intensive Study on Aortic Regurgitation: A Case Report of Biventricular Failure and Congestive Cardiac Failure." *International Case Reports Journal* (2022).
5. Farak Ali, Shahnaz Alom, Anshul Shakya, Surajit K. Ghosh, Udaya P. Singh, and Hans R. Bhat. "Implication of in silico studies in the search for novel inhibitors against SARS-CoV-2." *Archiv der Pharmazie* (2022). IF: 4.6
6. Shahnaz Alom, Farak Ali, Sheikh Razzak Ali, Abdul Baquee Ahmed. "Phytochemistry and Pharmacological properties of *Morus alba* Linn. with reference to its SARS-CoV-2 inhibiting potential." *Asian Journal of Chemistry* (2022).
7. Farak Ali, Shahnaz Alom, and Md Kamaruz Zaman. "Ethnobotany, phytochemistry and pharmacological properties of *zanthoxylum nitidum*: a systemic review." *World Journal of Pharmaceutical Sciences* (2022).
8. Shahnaz Alom, Kalita, D., Ahmed, J., Rahman, K., Baruah, M., Sarma, M., Das, N., Farak Ali. "Phytochemistry, Ethnobotany and Pharmacological uses of *Tinospora cordifolia* with special reference to its SARS-CoV-2 inhibiting potential." *Asian Journal of Chemistry* (2022).
9. Bhargab Deka, Bedanta Bhattacharjee, Anshul Shakya, and Naveen Shivavedi. "Antiinflammatory therapy as a game-changer toward antiaging." In *Anti-Aging Drug Discovery on the Basis of Hallmarks of Aging*, pp. 325-351. *Academic Press*, 2022.
10. Shekhar Ch. Bora₁ Sandipan Choudhury₂, "Commonly Available Medicinal Plants Used as Active Ingredient to Strengthen Immunity during an Pandemic Situation". *Scientific Researches in Indian Society*. Abio-Social Approach. Serial Publication(P) Ltd.



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