



# GIPS NEWSLETTER

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## The President voice...

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

I am delighted to know that the 1st 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 first issue on time. My best wishes to "GIPS-Newsletter".



## The Principal 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 first edition of the news letter and going to publish very soon covering various activities that taken place in the campus since its inception. 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.

## GIRIJANANDA CHOWDHURY INSTITUTE OF PHARMACEUTICAL SCIENCE-TEZPUR

### About GIPS-Tezpur...

**G**IRIJANANDA 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 and 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.



**The Editor speaks...**  
**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 1st volume, issue-1 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 and a tribute to Late Smt. Bina Choudhury. 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.

**Ms. Rupshikha Malakar**  
**Chief Editor, (GIPS-Newsletter)**

## Editorial Board Members



**Mr. Sandipan**  
**Choudhury**



**Ms. Sanheeta**  
**Chakrabarty**



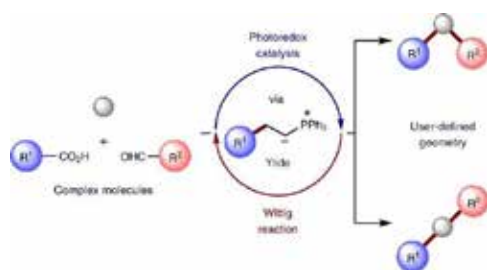
**Mr. Uddhav Patangia**



**Ms. Harshita**  
**Krishnatreyya**

# Current Pharma News

## LIGHTING UP CHEMICAL REACTIONS FOR SUSTAINABLE DRUG PRODUCTION



Researchers have discovered a new approach for using visible-light to structurally modify bioactive molecules in chemical reactions, providing a possible sustainable alternative to traditional methods that could be used in the design and production of new medicines. Discovered a fundamentally new approach to structurally modify bioactive molecules handling them as practically as if they were Lego building blocks. Our approach exploits the sustainable energy of visible light, avoids the use of heavy metals and has general applicability, thereby opening access to exceptional room for the design of new derivatives.

**Source: School of Chemistry, University of Nottingham, GSK Carbon Neutral Laboratory and Journal Nature Chemistry'**  
**Collected by**  
**Mr. Bedanta Bhattacharjee**  
**Asst Prof, GIPS-Tezpur**

## Veklury (Remdesivir): First FDA approved anti-COVID-19 drug

**C**orona Virus Disease-19 (COVID-19) is a serious pandemic disease mainly caused by Severe Acute Respiratory Syndrome (SARS) Coronavirus 2 (SARS-CoV-2). Large number of people get infected, most of them get revived but unfortunately a huge number of people has died due to lack of proper medicines, oxygen supply and weak immunity. It has become challenging task for scientist or researchers to develop medicine or vaccines to prevent this infection. Remdesivir is an antiviral drug and hence scientist were curious to know its inhibitory potential against SARS-CoV-2 and they found a good

result that Remdesivir can inhibit SARS-CoV-2 up to maximum extent. As a result, on 22nd October, 2020, U.S. Food and Drug Administration (FDA) has approved this antiviral drug Veklury for treatment of COVID-19 infected patients whose age is more than 12 years and weighing at least 40 kgs. The active substances in Veklury is Remdesivir which is a viral RNA polymerase inhibitor. It interferes with the production of viral RNA (genetic material), preventing the virus from multiplying inside the cells. Regarding the dose regimen, Veklury can be given via infusion into a vein. Treatment should start with a 200 mg infusion followed by 100 mg once a day. Duration of treatment should be of 5-10 days. Veklury is produced by Gilead Sciences, a research based pharmaceutical manufacturing plant present in Foster City, California, U.S.

**Source: <https://www.fda.gov/news-events/press-announcements/fda-approves-first-treatment-covid-19>**

**Collected by**  
**Mr. Farak Ali**  
**Asst. Prof, GIPS-Tezpur**



# Activities and Events at GIPS-Tezpur

## 1. Republic Day Celebration, 2021



Republic Day was celebrated at GIPS-Tezpur on 26th January 2021 in the presence of the Principal, Prof. Dr. Abdul Baquee Ahmed, GIPS-Tezpur and the Principal of GIMT-Tezpur Dr. Dipul Baruah and all the Faculties of GIPS-Tezpur and GIMT-Tezpur with the supporting staffs of both the organizations.

## 2. Industry-Academia Meet



Dignitaries from different fields of Pharmacy visited GIPS-Tezpur on 13th Feb, 2021. Honorable Principal Dr. Abdul Baquee Ahmed conducted an interactive session of the guests with the students for motivation and better understanding of different aspects and future opportunities in the field of Pharmacy. Dr. Pranab Jyoti Das (Inspector of Drugs, CDSCO, headquartered at Guwahati), Mr. Dhrubajyoti Sarma (Scientific Officer, State Drug Testing Laboratory, AYUSH, Jalukbari, Guwahati), Mr. Hirakjyoti Sarma Baruah (AGM, Emami Pharmaceuticals Ltd, Amingaon, Guwahati) and Mr. Hafizur Rahman (Drug Analyst, RDTL, Panjabari, Guwahati) marked the Occasion with their valuable speeches addressing the students.

### 3. Saraswati Puja Celebration, 2021



Saraswati Puja was celebrated by GIPS-Tezpur for the very first time within the premises of GIPS-Tezpur on 16th February, 2021.

### 4. Educational Tour



A team of 7 (Seven) Faculty members including the Head of the Institution (Prof. Dr. Abdul Baquee Ahmed) of Girijananda Choudhury Institute of Pharmaceutical Science (GIPS)- Tezpur, visited Kaziranga National Orchid and Biodiversity Park on the 20th Day of February 2021 for an educational tour.

### 5. National Science Day Celebration, 2021



National Science day was celebrated at Girijananda Choudhury Institute of Pharmaceutical Science, Tezpur on 28th February 2021. Eminent speakers Prof. Dr. Utpal Bora, Dept. Of Chemical Sciences, Tezpur University graced the occasion as the Chief Guest and Dr. Pranavesh Chattopadhyay, Scientist-F of Defense Research Laboratory as Guest of Honor. An inter-college Prize Money Art Competition was also organized based on the theme SCIENCE TECHNOLOGY AND INNOVATION.

### 6. Freshmen Social 2020



In order to welcome the fresh faces to GIPS-Tezpur, a freshmen social was organised on 3rd March 2021 for all the new students within the college campus. Dr. Gauranga Das, Principal, GIPS-Guwahati was invited as a Chief Guest, Dr. Dipankar Saha, Associate Professor, GIPS-GHY and Dr. Bhupen Kalita, Senior Asst. Professor, GIPS-GHY were invited as dignitaries to mark the Occasion. The wall magazine PHARMAXETRA of GIPS-Tezpur was inaugurated by the chief guest in presence of the Principal, GIPS-Tezpur and all the invited guests and students.



## 7. World Environment Day, 2021



A "Tree plantation drive" was organized by GIPS-Tezpur, which was inaugurated by Chief guest Mr. Subhash Chandra Saha, Retd. Nehru Yuva Kendra Sangathan, Govt. of India and Principal GIPS-Tezpur, Dr. Abdul Baquee Ahmed on the account of World Environment Day on 5th June, 2021

## 8. Independence Day 2021



Independence Day was celebrated at GIPS-Tezpur on 15th August, 2021 in the presence of the Principal, Prof. Dr. Abdul Baquee Ahmed, GIPS-Tezpur and the Principal of GIMT-Tezpur Dr. Dipul Baruah and all the Faculties of GIPS-Tezpur and GIMT-Tezpur with all the staffs and students.

## 9. Teacher's day, 2021



Teacher's day was celebrated at GIPS-Tezpur on 5th September 2021 to mark the birth anniversary of Dr. Sarvepalli Radhakrishnan, Former President of India.

## 10. Foundation Day, 2021



GIPS- Tezpur has celebrated its 1st Foundation Day on 7th September 2021 by paying tribute to Late Bina Choudhury Madam, Founder of Srimanta Sankar Academy Society, Guwahati.

## 11. Death anniversary of Param Guru Shree Shree Sankar Dev, 2021



GIPS-Tezpur has celebrated death anniversary of Param Guru Shree Shree Srimanta Sankardev for the first time on 8th September 2021 by performing "Naam Kirtan" for all the members of GIPS-Tezpur family.

## 12. World Pharmacists' Day 2021



GIPS-Tezpur has celebrated World Pharmacists' Day on 25th September 2021 in the college premises. Dr. Abdul Baquee Ahmed Principal GIPS-Tezpur marked the initiation of this event by hoisting of flag along with Principal GIMT-Tezpur Dr. Dipal Baruah, all the faculty members, Students and other supporting staffs.



### 13. Freshmen Social 2021



GIPS-Tezpur has organized Freshmen social for the batch of 2021-22 on 1st November, 2021. The programme was initiated by Principal GIPS-Tezpur Dr. Abdul Baquee Ahmed by lighting of lamp in presence of all the invited dignitaries, Mr. Alok Gupta, Plant Head (Dabur India Ltd., Tezpur), Mr. Ratul Das, President SSA, Dr. Gouranga Das, Principal GIPS Guwahati, Dr. Dipal Baruah, Principal GIMT-Tezpur and other faculty members from GIPS Guwahati and GIPS-Tezpur.



### 14. Seminar on Women sensitization and empowerment

GIPS-Tezpur has organized a seminar on 13th Nov, 2021 on the topic "Women sensitization and empowerment" in our college campus and Mrs. Sangeeta Bora was the invited speaker of the event.



### 15. 60th National Pharmacy Week, 2021



Celebration of 60th National Pharmacy Week on 24th November 2021 in GIPS- Tezpur by conduction of Quiz Competition and Online Photography Contest as well as Training Cum Workshop in EMERGENCY RESPONSE AND FIRST AID. The event was graced by presence of Chief Guest, Dr. Sunita Gogoi, Founder and Chairman of Gogoi Nursing Home, Tezpur and Resource Person Respected Dr. Mintumoni Sarma, Consultant lead, Health team, the ant, Program in charge, Mental Illness Treatment Alliance, iDea Fellow -India HPSR (Health Policy and Systems Research) Fellowship, 2021 cohort Consultant to the Parivartan De-addiction Centre, Tezpur.

### 16. Annual Sports Week



Celebration of Annual Sports Week from 15th to 18th December 2021 at GIPS-Tezpur. Dr. Abdul Baquee Ahmed, Principal, GIPS-Tezpur marked the occasion by hoisting the flag along with Principal GIMT-Tezpur Dr. Dipal Baruah, all the dignitaries, faculty members & other supporting staffs and Students. 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. Convenor of the event was Mr. Shekhar Chandra Bora and co-convenor was Mr. Sandipan Choudhury.

# GIPS Tezpur Paper Publication

1. Ahmed, A., Bharali, A., Dutta, A., Chetia, A., Newar, A., Bhattacharjee, B., Deka B., Sonowal, B., Bingari, B., Barman, D., Sarmah, D., Pegu, F., Ali, F., Das, G., Sarma, H., Dey, N., Sadhukan, P., Islam, R., Sonowal, R., Alom, S., Ahmed S.N., & Rohman, T.A., (2021) The Role of Pharmacists in Optimizing Molecular Testing with Evolving Biomarkers and Treatment for Non-Small Cell Lung Cancer. European Journal of Molecular & Clinical Medicine, 08(03), 2240-2256.
2. Islam J, Hemanga Hazarika, Roy PK, Patowary P, Chattopadhyay P, Pathak YV, Zaman K, Regulatory Perspectives and Concerns Related to Nanoparticle-Based Lung Delivery. In: Pathak YV, Islam N (eds). 2021 Handbook of Lung Targeted Drug Delivery Systems. Taylor and Francis Group, London, UK.
3. Asdaq SMB, Ikbali AMA, Sahu RK, Bhattacharjee B, Paul T, Deka B, Fattapur S, Widyowati R, Vijaya J, Al mohaini M, Alsaman AJ, Imran M, Nagaraja S, Nair AB, Attimarad M, Venugopala KN. Nanotechnology Integration for SARS-CoV-2 Diagnosis and Treatment: An Approach to Preventing Pandemic. Nanomaterials. 2021; 11(7):1841. IF- 5.076 <https://doi.org/10.3390/nano11071841>
4. Bhattacharjee B, Deka B, Ahmed N, Sonowal B, Newar A, Ahmed A, Rajkhowa A, Bharali A, Das G, Bharati R, Sinha R. The Role of Oncology Pharmacists in optimizing patient care in Chronic Immune Thrombocytopenia. European Journal of Molecular and Clinical Medicine. 2021;08(03): 279-292. <http://dx.doi.org/10.31838/ejmcm.08.03.27>
5. Ali, F., Alom, S., Zaman, K. Berberine: A comprehensive review on its isolation, biosynthesis chemistry and pharmacology. Asian Journal of Chemistry, 2021; 33(11): 2548-2560. <https://doi.org/10.14233/ajchem.2021.23365>
6. Gohain, A., Kolita, B., Gogoi, N., Das, A.K., Sarma, A., Alom, S., Ali, F., Chowdhury, D. In-silico ADMET and Molecular Docking study of potential inhibiting natural phytoconstituents against COVID-19. Biointerface Research in Applied Chemistry, 2021; 10. (Accepted).
7. Kalita P, Ahmed A. B., Goswami A., Sen S., Chakraborty R. Physicochemical, Micromeritics, Biomedical and Pharmaceutical Applications of Assam Bora Rice Starch. Springer Nature Singapore Pte Ltd. 2021, 817-828, 978-981-15-8127-4
8. Golmei P., Kalita P., Agarwal S. S., Ahmed A. B., Sen S., Chakraborty R. Pharmacovigilance: Methods in Developing the safety and Acceptability of Traditional Medicines. Springer Nature Singapore Pte Ltd. 2021, 711-726, 978-981-15-8127-4

## Workshop Attended

1. Dr. Abdul Baquee Ahmed, Principal GIPS-Tezpur, Dept. of Pharmaceutics, has participated in the four days online webinar "Current Trends in Research and Innovation – Research Paper Publication – IPR and Patents – Research Projects and Fundraising held from 27th to 31st August 2021 conducted by "Institute for Academic Excellence, Hyderabad" in collaboration with "Collegiate Education and Technical Education Department, Telangana State.
2. Mr. Uddhav Patangia, Assistant Professor, Dept. Of Pharmaceutical Chemistry, has participated in the four days online webinar "Current Trends in Research and Innovation – Research Paper Publication – IPR and Patents – Research Projects and Fundraising held from 27th to 31st August 2021 conducted by "Institute for Academic Excellence, Hyderabad" in collaboration with "Collegiate Education and Technical Education Department, Telangana State.
3. Ms. Rupshikha Malakar, Mr. Sandipan Choudhury, Ms. Sanheeta Chakraborty, Ms Taslima Jahan, Ms. Harshita Krishnatreya, Mr. Shekhar Chandra Bora, Mr. Uddhav Patangia, Assistant Professor, GIPS-Tezpur, has participated in AICTE Sponsored Short Term Training Programme (STTP) on Bridging Industrial Opportunities with Academic Challenges: Prospective of Pharmaceutical Research organized by Department of Pharmaceutical Sciences, Dibrugarh University from 26th to 31st July, 2021.

## Faculty Achievements



1. Dr. Abdul Baquee Ahmed, Principal GIPS-Tezpur, Dept. of Pharmaceutics, has been invited as a resource person and delivered a lecture in Two Week Faculty Development Program on "Innovative Teaching Methods and Application of Statistical Software in Advanced Research in Science and Technology" organized by Girijananda Chowdhury Institute of Pharmaceutical Sciences, Guwahati on 19th August to 1st September, 2021



2. Mr. Ripunjoy Bordoloi, PhD research scholar of ASTU under the guidance of Dr. Abdul Baquee Ahmed, Principal GIPS-Tezpur has been presented his research work and secured 3rd position in 'Disso Research Presentations India (DRPI) 2021- Online under PhD category with title 'Nuclear Imaging and In-vitro assessment of starch Microsphere of Gliclazide Hydro chloride'.



3. Mr. Hemanga Hazarika, Assistant Professor, GIPS- Tezpur, has been received ' Certificate of Merit' for abstract presentation in 14th International Conference of Medical Arthropodology, organized by Society of Medical Arthropodology, Hyderabad, India.





## IN MEMORIAM

*We shall forever remember you*

*"A limb has fallen from the family tree. I keep hearing a voice that says "grieve not for me". Remember the best times, the laughter, the song. The good life I lived while I was strong."*

**Smt. Bina Choudhury**

Founder, Shrimanta

Shankar Academy Society

11th July 1930-21st May 2017

### CONTACT ADDRESS:

Girijananda Chowdhury Institute of Pharmaceutical Science, Tezpur (GIPS-Tezpur)

Dekargaon, Tezpur, Sonitpur, Assam, India, Pin- 784501

Phone: +91-8486502687(M), +91-9854046526 (M)

E-mail: [gipstezpur@gmail.com](mailto:gipstezpur@gmail.com)

Website: [www.gips-tezpur.ac.in](http://www.gips-tezpur.ac.in)