



NEWS BULLETIN

INTERDISCIPLINARY LEARNING ACROSS CONTINENTS: GCU COLLABORATES WITH MARI STATE UNIVERSITY

AZARA, January 09: As part of the academic collaboration between Girijananda Chowdhury University (GCU), India, and Mari State University (MarSU), Russia, formalized through a Memorandum of Understanding (MoU) signed in October 2024, the School of Pharmaceutical Sciences, GCU, organized an online lecture series on 20th December 2024. This initiative aimed to foster global academic cooperation and interdisciplinary knowledge sharing in medical and pharmaceutical sciences. The MoU reflects a shared vision to strengthen educational, research, and academic partnerships between the institutions.

The lecture series began with Dr. Nikhil Biswas, Associate Professor at GCU, who presented on "Liposomal Drug Delivery for Cancer Therapy," discussing advancements in liposomal formulations for targeted cancer drug delivery and their potential to improve therapeutic efficacy while reducing toxicity. Dr. Jun Moni Kalita, also from GCU, followed with a lecture on "Computer-Aided Approaches in Cutting-Edge Drug Discovery," emphasizing computational techniques such as molecular docking, virtual screening, and QSAR in accelerating drug design. The session, moderated by Dr. Damiki Laloo and coordinated by Ms. Raisa Choudhury, provided MarSU medical students with valuable insights into innovative drug delivery systems and computational drug discovery.

In reciprocation, on 27th December 2024, Dr. Mikhail V. Dubinin, a distinguished Professor at MarSU, delivered a lecture on "Mitochondrial Dysfunction in Duchenne Muscular Dystrophy," exploring the disease mechanisms and promising therapeutic strategies. GCU's pharmacy students and faculty engaged actively in the session, benefiting from Dr. Dubinin's expertise. This collaboration not only deepened participants' understanding of cutting-edge research but also reinforced the academic ties between GCU and MarSU, paving the way for future educational and research partnerships.



Engaged minds: Students of Mari State University actively participating in the lecture session with enthusiasm and curiosity.



Focused discussions: Students and faculties of GCU attentively engaged in the collaborative online lecture session.



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CELEBRATION OF NATIONAL MATHEMATICS DAY AT GCU



AZARA, January 09: Girijananda Chowdhury University celebrated National Mathematics Day on 22nd December 2024 to honor the birth anniversary of the legendary mathematician Srinivasa Ramanujan. The event, organized by the Department of Mathematics in collaboration with the Assam Academy of Mathematics (AAM), featured a variety of activities, including a State Level Prize Money Essay Writing Competition divided into two categories.



Lighting of the lamp by dignitaries at the inaugural ceremony.

Category 1, for students of Class V to VII, invited essays on the topic "Ramanujan's Life and Legacy", encouraging young learners to delve into the remarkable contributions and inspiring journey of the great mathematician. Winners included Kusumita Nath (Class VI, South Point School, Guwahati) in first place, Arnab Pandit (Class V, Bimala Academy, Jakhlabandha) in second place, and Kankana Sarkar (Class VII, Sankardev Shishu Niketan, Abhayapuri) in third place.



Dr. Dilip Kumar Sarma addressing the gathering with his insightful talk.



Felicitations of eminent teachers by AAM.



Release of 82nd edition of AAM magazine "Ganit"



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Category 2, for students of Class VIII to XII, focused on "The Beauty of the Number Pi (π)", exploring the elegance and significance of this mathematical constant. Udipta Sarmah (Class VIII, Khora H.S. School, Lakhimpur) secured first place, Amal Jyoti Deka (Class XI, Deomorno H.S. School, Darrang) took second place, and Rishitashya Rihan Bharali (Class VIII, Vivekananda Kendra Vidyalaya, Nalbari) received third place.

The celebration included the felicitation of eminent teachers, awards for UG and HS toppers, recognition of AMO 2024 rank holders, and a thought-provoking talk by Dr. Dilip Kumar Sarma on "Ramanujan: A Seer in Mathematics." Distinguished guests, including Prof. Kandarpa Das, Hon'ble Vice Chancellor of GCU, and Dr. Prabin Das, President of AAM, graced the event. The program concluded with a vote of thanks by Dr. Madhumita Mahanta, Head (i/c), Department of Mathematics, GCU.



Rank holders of the State Level Essay Writing Competition being awarded for their excellence.



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ARSENIC EXPOSURE AND DIABETES: GCU FACULTY PRESENTS AT PRESTIGIOUS BIOCHEMISTRY CONFERENCE



AZARA, January 09: Mr. Prayash Borah, Assistant Professor from the Department of Medical Laboratory Technology, School of Allied Health Sciences, Girijananda Chowdhury University (GCU), Guwahati, participated in the International Conference on “Biochemistry: Ongoing Explorations of Actions and Reactions of Life” and the 93rd Annual Meeting of the Society of Biological Chemists (India). The prestigious event was held from December 27th to 29th, 2024, at M.S. University of Baroda, Vadodara, Gujarat, focusing on the pivotal role of biochemistry in understanding fundamental life processes.



Mr. Prayash Borah at the International Conference.

At the conference, Mr. Borah presented a poster titled “Increased Arsenic Exposure via Drinking Water: Implications for Diabetes Risk,” based on his ongoing PhD research at GCU. His study shed light on the critical health implications of arsenic contamination in drinking water, identifying a significant link to an increased risk of diabetes. The research provided valuable insights into the environmental and public health challenges posed by arsenic exposure and highlighted the scope for further investigation in this area.

Mr. Borah's participation underscored GCU's commitment to advancing impactful research and fostering academic excellence on national and international platforms.



Mr. Prayash Borah defending his research work at the conference.