

World Environment Day celebration at GBP



On the occasion of World Environment Day 2024, ASTEC, Science Technology and Climate Change Department, Govt. of Assam in collaboration with Guwahati Biotech Park, UNICEF, UNICEF India, and PRATYek, conducted a 2-day workshop on "Climate Champions Driving Action in Assam - Engaging young people as advocates/ champions for driving dialogue for their rights within Mission LIFE" on 4th and 5th June 2024 at Guwahati Biotech Park, Amingaon. Workshop sessions were conducted on single use plastics and healthy lifestyle where students of 18 districts participated. The students from various schools throughout the state participated in the program and the winners were awarded with prizes and certificates by our dignitaries.

MOU exchange with IKP Knowledge Park

A MoU was signed on 29th April, 2024 with IKP Knowledge Park, Genome valley, Telangana in presence of Smti Keerthi Jalli, IAS, CEO, GBP, Dr Deepanwita Chattopadhyaya, CEO, IKP Knowledge Park, and her team comprising Dr. Sangita Sen Majee Head-Life Science Incubator; Ms Anuradha Barua, Manager-Administration & Paralegal; Ms. Harshada Wadkar, Technology Transfer & IP Commercialization; Mr. Manish Kumar, IP & Legal Advisor, Patent Attorney, NECTAR and GBP's incubatees.

Dr Chattopadhyay and her team from IKP engaged with the GBP officials and incubatees in a fruitful brainstorming discussion for future joint ventures, where Dr Chattopadhyay shared valuable insights and suggestions to boost the spirit of entrepreneurship in NER. The expertise and capability of the IKP team is definitely going to be an advantage for GBP to promote entrepreneurship in the state. The team were introduced to all the laboratory facilities, work spaces and incubatee modular laboratory division of GBP, where the team interacted with few incubates working at GBP



Exchange of MoU with ADP College & Workshop

We recently signed a Memorandum of Understanding (MoU) with the Department of Herbal Science and Technology, Anandaram Dhekial Phookan College, Nagaon Assam. This MoU will foster academic and research collaboration between our institutions and enable skill development and entrepreneurship opportunities for the students. The MoU was exchanged on 21st May, 2024, in presence of Dr Sadananda Payeng, Principal, ADP College; Dr Mousmi Saikia, Assistant Professor (HoD), and GBP officials, Dr. Bula Choudhury, Senior Scientist, GBP and Dr. Rajiv Ch. Dev Goswami, Research Associate. We look forward to a fruitful and long-lasting partnership with ADP College and hope to achieve our shared vision of promoting biotechnology in the region.

On the same day Dr Bula Choudhury and Dr. Rajiv Ch. Dev Goswami were invited as resource person for a workshop on Vermicomposting and Solid waste management, organized by ASTEC, in collaboration with Eco-club, IQAC, NCC, NSS and the Department of Herbal Science and Technology, A.D.P. College, Nagaon. The event witnessed very enthusiastic participation from various education institutes, schools in and around Nagaon town. Dr Choudhury and Dr Goswami delivered their talks on current scenario on various waste management practices and also the diverse range of training, internships and entrepreneurial opportunities that are offered by GBP.



Exchange of MoU with Dakha Devi Rasiwasia College

GBP signed a MoU with the Department of Botany, Dakha Devi Rasiwasia College (D.D.R. College), Chabua, Dibrugarh, Assam on June 7th, 2024, aims to foster academic and research partnerships, and provide skill development and entrepreneurship opportunities for students. The MoU was exchanged in the presence of Dr. Pradip Borah, Principal of D.D.R. College, and faculty members along with our representatives. Dr. Rajiv Ch. Dev Goswami shared a presentation on entrepreneurial activities and GBP success stories, while Mr. Kamal Gauli briefed attendees on GBP's analytical instrumentation services. The interactive event excited students about training, internships, and entrepreneurial opportunities. We look forward to a fruitful with DDR College, promoting biotechnology in the region.



Invited Talk

An engaging talk on "Biotechnology: A Skill-based Income Generating Avenue" at AIMT Guwahati was delivered by Dr. Prajjalendra Barooah, Research Associate, GBP on 3rd April 2024. Students from the Department of Biosciences, AIMT actively participated, eager to explore career paths in Biotech. Dr. Barooah illuminated various domains, Skills and avenues within Biotechnology, inspiring aspiring professionals to envision their futures in this dynamic field. The session led to an enriching discussion on the potential of biotech skills in shaping lucrative career opportunities.



Foundation Training Programme for ACS Officers

On 4th May, 2024, Dr. Prajjalendra Barooah & Dr. Rajiv Ch Dev Goswami, Research Associates, GBP, conducted a session on “Guwahati Biotech Park: Its Promotional Entrepreneurship Activities and Success Stories.” at the “Foundation Training Programme for ACS Officers of the 2024 Batch” at Assam Administrative Staff College in Guwahati. The goal of the training program was to familiarize the ACS officers with the functioning of the Science, Technology & Climate Change Department, along with its various programs, schemes, acts, and rules. Our officials conducted the session to provide newly appointed ACS officers with insights into the initiatives and successes of GBP in fostering entrepreneurship. The event featured a distinguished panel of speakers, including Smti Laya Madduri, IAS, Secretary of the Science, Technology & Climate Change Department, Dr. Jaideep Baruah, Director of ASTEC & AEDA, and other officials who enriched the audience with their respective talks and presentations.

Skilling program under Life Science Sector Skill Development Council

GBP launched a new skilling program aimed at cultivating future-ready "Nano Entrepreneurs" in Regulatory Affairs and Intellectual Property Rights for the Medical Device Sector. In collaboration with SHRM Biotech, Kolkata, and the School of Pharmaceutical Sciences at USTM, Meghalaya, this initiative seeks to empower young graduates and postgraduates to take the lead in the biotech industry. Participants will be taught cutting-edge curriculum specifically designed to enhance their skills for future challenges, along with hands-on training and valuable industry exposure. The program culminates in a certification recognized by the LSSSDC under the Pradhan Mantri Kaushal Vikas Yojana (PMKVY) from the Ministry of Skill Development and Entrepreneurship, Government of India.



Skill Development Training Programme on Aquarium Setup for Ornamental Fish-keeping



The BICFA recently organized a two-day Skill Development Training Programme on Aquarium Setup for Ornamental Fish-keeping, at GBP on 20-21st June 2024. This initiative is part of the Central Sector Scheme component of the Pradhan Mantri Matsya Sampada Yojana (PMMSY). Funded by the Department of Fisheries, Ministry of Fisheries, Animal Husbandry and Dairying, Government of India, BICFA aims to foster an ecologically, healthy, economically viable and

socially inclusive development of the Fisheries sector in India. Participants enjoyed hands-on training in aquarium making, native resources utilization, and critical water chemistry and quality analysis, led by Dipongkur Bordoloi and Abinash Kalita. Notable sessions included fish feed formulation from waste by Darshana Dehingia and black soldier fly farming by Nik Mulakkal from Zewa Ecosystem Pvt. Ltd. The training concluded with certificate distribution to 31 entrepreneurs, start-ups, students, and NGO representatives. This initiative, championed by Keerthi Jalli, IAS CEO, GBP, empowers participants to start entrepreneurial ventures utilizing local resources and waste in fisheries and aquaculture.

Hands-On Training Program on Molecular Biology and Biotechnology

A group of degree final year students from College of Fisheries, Raha, Assam along with faculty member, Dr. Kaustubh Bhagawati, Assistant Professor, Course Teacher- Fundamentals of Biotechnology and Bioinformatics, visited GBP for a hands on training program on "Molecular Biology And Biotechnology" on 25-26th June, 2024. Through this training the students got a chance to learn a few techniques in molecular biology including basics of proteomic research. The group was thrilled to see the diverse range of scientific equipment available at TIC GBP and were provided with a tour to all the facilities as well as to the modular laboratory division of GBP.



Know More Series - Understanding BIRAC's BIG Scheme

On April 24, 2024, GBP and Venture Center's BIG Team collaborated to organize an online webinar titled "Know More Series - Understanding BIRAC's BIG Scheme." The webinar aimed to provide detailed insights into BIRAC's Biotechnology Ignition Grant (BIG) Scheme, which supports innovative startups and entrepreneurs in the biotechnology sector. The session featured expert speakers who discussed the application process, eligibility criteria, and benefits of the scheme, offering valuable guidance to potential applicants.

VENTURE BIG

Understanding BIRAC's BIG Scheme
Know More Series...

Shalini Singh
Specialist, Funding programs, Venture Center
Topic: Understanding BIG Scheme

Bula Choudhury
Senior Scientist, Guwahati Biotech Park
Topic: Incubation at GBP for BIG Scheme

Wednesday 24 April 2024
Starts At 10:00 AM
Online MODE

<https://venture.com/biotalk24m>
REGISTER NOW

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Visit by prominent personalities to GBP

PRIME Meghalaya

On June 6, 2024, officials from Meghalaya, under the Promotion and Incubation of Market-driven Enterprises; “PRIME” Meghalaya program, visited GBP. The visit aimed to enhance the state's entrepreneurial ecosystem as part of the Meghalaya Startup Policy. The delegation toured GBP's laboratory facilities and engaged with the GBP team and resident incubates. They observed Assam's initiatives for entrepreneurial growth and expressed interest in future collaborations with GBP.



BioNEST, NEHU, Tura Campus



On 18th June 2024, Dr. Suman K. Nandy, CEO, and Ms. Alva Margareth Kharkongor, Program Manager, from BioNEST BioIncubator, NEHU, Tura Campus, visited GBP. They engaged in a brainstorming session with the team at GBP about Assam's entrepreneurial initiatives and toured the GBP laboratory facilities. Impressed by the resident incubatee laboratories and the entrepreneurial environment at TIC, Dr. Nandy discussed Meghalaya's startup ecosystem and expressed interest in an MoU for future collaboration between BioNEST BioIncubator and GBP.

Invest India, DPIIT

Dr. Geetima Krishna, Head-Northeast, Invest India, DPIIT, Govt. of India, along with esteemed officials from the Government of Tripura visited our Technology Incubation Center at GBP on 26th April 2024. Their insightful interaction with our incubatees showcased a promising future for entrepreneurship in Northeast India. They explored our state-of-the-art facilities and laboratories, envisioning incredible opportunities for collaboration and growth.



INTERNSHIP



Ms Suprity Shyam and Ms Tanushree Basumatary, PhD Research Scholars from Department of Botany, Bodoland University successfully completed their internship program at GBP. Their research topics were "Antimicrobial Studies, Nano particle synthesis and assessment of nano particle toxicity on different growth parameters in Zea mays L." under the supervision of Dr Bula Choudhury and Dr. Rajiv Ch. Dev Goswami.

Ms Rajashree Sarma, Dayananda Sagar University, Bangalore successfully completed her internship program on "Production and estimation of bioethanol from water hyacinth" under the supervision of Dr Bula Choudhury and Dr. Rajiv Ch. Dev Goswami. Ms Sharma gained practical knowledge and experience in various aspects of fermentation technology.



Ms. Eeshwita Dutta from Amity University, Uttar Pradesh, and Mr. Alongbar Basumatary from Jaipur National University successfully completed their one month long internship on "Basics of Molecular Biology and Bioinformatics" under the guidance of Dr. Saurav Dey and Dr. Prajjalendra Barooah (May-June 2024).

They mastered various techniques in Molecular Biology & Bioinformatics including Nucleic acid sequence analysis, manipulation, Protein structure prediction, Drug discovery and their utility in different fields of Biotech research.

Mr. Mriganav Hazarika, Debmalya Sutradhar and Sanket Sumangal Pradhan from KIIT, Odisha, successfully completed their internship on "Herbal Technology, Phytochemical Analysis, and Molecular Biology Techniques" under the guidance of Dr. Bula Choudhury and Dr. Rajiv Ch Dev Goswami (May-June 2024). During their internship they learnt various extraction techniques, application of Proteomics and Molecular Biology in Biotech research.



Ms. Sanjukta Nag from KIIT University, Odisha, successfully completed her one month (May-June 2024) internship on "Herbal Technology, Phytochemical Analysis, and Molecular Biology Techniques" under the guidance of Dr. Saurav Dey and Dr. Prajjalendra Barooah. She mastered various extraction techniques, basics of Microbiology, Molecular Biology & Bioinformatics during her internship at GBP.

Exposure Visits

BBK College

B.Sc sixth semester students from the Department of Zoology, BBK College, Nagaon Barpeta, visited TIC GBP on 23rd April 2024. The team was delighted to see the GBP laboratories including green house, cold room and packaging facilities. The students interacted with our interns, project scholars, resident incubates about various activities going on at GBP.



JIS University, Kolkata



GBP hosted students and faculty from JIS University, Kolkata at TIC, GBP on 25th April 2024. The students explored cutting-edge facilities, modular labs, and advanced instruments during their time at GBP. The students and faculty were eager to conduct collaborative ventures in the realm of biotechnology with GBP.

Gauhati University

A group of M.Sc fourth semester students from the Department of Zoology, Gauhati University visited GBP on 10th May 2024. The team was delighted to see instrumentation facilities available at GBP. The team also visited with our incubatees and students interacted with our interns, project scholars, resident incubates about various activities going on at GBP. At the end of the tour, students expressed their interest in visiting to GBP again to take up different scientific research endeavors in future.



Handique College



On 10th May 2024, students from Department of Zoology, Handique Girls College visited GBP and delved into the cutting-edge facilities embarking on an immersive journey through the realms of biotechnology. From our state-of-the-art labs to the lush greenery of the greenhouse they experienced it all. Engaging with our interns, project scholars, and resident incubates, they gained invaluable insights into ongoing activities and research projects.

Gurucharan University, Silchar

A group of 30 students along with three faculty members from Dept. of Biotechnology, Gurucharan University, Silchar, visited GBP facilities as a part of an exposure visit program on 20th June 2024. During the visit, students were introduced to GBP laboratory facilities and modular Lab division. The team had a brain storming session with the scientific team of GBP for various future biotech ventures that can be taken up as carriers at GBP.



Gauhati University



As part of their curriculum, a group of fourth semester students from the Department of Zoology, Gauhati University, Assam, visited Guwahati Biotech Park on 16th May 2024. The group was provided with a tour of entire GBP facilities. The team also interacted with our interns, project scholars, resident incubates about various activities going on at GBP.

Tihu College

Sixth semester students from the Department of Zoology, Tihu College, Nalbari, Assam, had an enriching visit to the Guwahati Biotech Park on 14th May 2024. Their visit aimed to familiarize students with the advanced scientific equipment and environment of a sophisticated analytical laboratory at GBP. The group enjoyed a comprehensive tour of the entire GBP facilities, coupled with an interactive session on various scientific & research activities at GBP.



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