

Shri Krishnendu Paul, Hon'ble Minister, Animal Husbandry & Veterinary, Fisheries, Government of Assam

Shri Krishnendu Paul, Hon'ble Minister, Animal Husbandry & Veterinary, Fisheries, Government of Assam, visited the Business Incubation Centre for Fisheries and Aquaculture (BICFA) at GBP on 8th December 2025. During the visit, the Hon'ble Minister interacted with officials, reviewed ongoing activities, and observed the facilities available under both BICFA and TIC GBP. He appreciated the efforts and contributions of BICFA in promoting skill development, entrepreneurship, and innovation in the fisheries and aquaculture sector. He also acknowledged the centre's important role in nurturing fisheries-based startups and creating opportunities for young entrepreneurs across the state. GBP officials briefed the Hon'ble Minister on the diverse services offered to startups, researchers, and industry partners—including incubation support, testing and analytical services, training programmes, and technology facilitation initiatives.



Bootcamp on “Igniting Ideas, Empowering Innovators”

GBP successfully organized a vibrant one-day Bootcamp on “Igniting Ideas, Empowering Innovators” on 15th October 2025, bringing together entrepreneurs, startup mentors, researchers, and students from across the region to exchange ideas and strengthen the spirit of innovation in Northeast India. The inaugural session was graced by Shri Deba Kumar Mishra, ACS, CEO, GBP & DC, Kamrup; Shri Omkarnath Rath, COO, Assam Startup – The Nest; Shri Rakesh Kumar Thakur, ACS, Administrator, GBP; and Shri Neelkamal Das, Under Secretary, Science & Technology Department, Government of Assam.

The Bootcamp featured insightful sessions on business idea validation, product development, business model design, and fundraising, led by eminent speakers — Dr. Simanta Kalita, Ms. Nidhi Vadhera, Shri Trailukya Dutta, and Shri Dwijodas Chatterjee. A significant highlight of the event was the exchange of Memorandum of Agreement (MoA) with innovators under the NIDHI-PRAYAS Centre at GBP, which supports prototype development and early-stage innovations. The event reaffirmed GBP's pivotal role in nurturing entrepreneurship and innovation in Assam and the Northeast, connecting young minds, experienced mentors, and successful entrepreneurs on a single platform to build a vibrant startup ecosystem where ideas evolve into impactful ventures.



ISBACON 2025 Pre-Conference

GBP hosted Day 1 of the ISBACON 2025 Pre-Conference on 10th December 2025, uniting eminent leaders, innovators, and ecosystem enablers from across India for a day of learning, collaboration, and visionary dialogue. The event began with a welcome address by Shri Rakesh Kumar Thakur, ACS, Administrator, GBP, followed by an inaugural session graced by Prof. Ashok Puranik, Executive Director, AIIMS Guwahati, and Mr. Prasad Menon, President, ISBA. This was followed by a series of high-impact Masterclasses, Insight Sessions, and Thought Leadership Dialogues powered by HDFC Bank, featuring distinguished experts who shared deep insights on incubation, acceleration, deep-tech infrastructure, and investment preparedness. The pre-conference concluded on a highly engaging and collaborative note, reaffirming ISBA's mission of "Enabling the Enablers for a Viksit Bharat."



National Conference organised by CIPET, CSTS–Guwahati

GBP hosted a two-day National conference organized by the Central Institute of Petrochemicals Engineering & Technology (CIPET), CSTS–Guwahati on "Opportunities and Challenges for Petrochemical and Allied Sector in the North Eastern Region" on 18th & 19th December 2025. The inaugural ceremony on 18th December 2025 was graced by Shri Deba Kumar Mishra, CEO, GBP and Dr. Harekrishna Deka, In-Charge, CIPET, along with other distinguished dignitaries and experts from government, industry, financial institutions, academia, and the petrochemical sector.

Their presence enriched the deliberations and underscored the importance of cross-sectoral collaboration for sustainable industrial growth in the North Eastern Region. On the second day, Dr. Bula Choudhury, Senior Scientist, GBP, chaired a technical session and shared valuable insights on plastics waste management, recycling technologies, and sustainable innovation, with expert presentations by Dr. Vimal Katiyar, Professor, IIT Guwahati, and Mr. Kunal Goda, Anant Tattva. The conference was further enriched by the presence of eminent guests such as Dr. Loken Das, CMD, NABARD, and Shri P. K. Saikia, former MD, AIIDC, who also interacted with the GBP team and incubatees, fostering meaningful dialogue and collaboration.



Participation in Aqua NE Summit 2025

GBP actively participated in the Aqua NE Summit 2025, a dynamic platform shaping the future of aquaculture in Northeast India, held on 12th December 2025. The GBP delegation comprised Dr. Bula Choudhury, Senior Scientist, GBP; Dr. Rajiv Ch. Dev Goswami, RA, GBP; Mr. Nabajyoti Das, Project Associate, BICFA; Mr. Priyam Ray, Admin-cum-Purchase Executive, BICFA; and Ms. Nilofar Yasmin, Project Associate, SSC, GBP. The summit featured inspiring discussions and insightful interactions with national-level experts, fostering meaningful knowledge exchange and strengthening collaborative dialogue. A series of technical sessions on emerging themes in aquaculture—chaired by eminent panelists and thought leaders—highlighted innovation, sustainability, and future opportunities for the aquaculture ecosystem of the Northeast. A key highlight of the event was the Curtain Raiser of Aqua NE Expo 2026, scheduled for September 2026, which promises a grand showcase of technologies, research outcomes, products, and entrepreneurial opportunities.



Workshop on Aquaculture Insurance and use of Renewable Energy in fish seed hatchery and its accreditation

GBP in association with District Fisheries Office, Kamrup and Agriculture Insurance Company of India Limited organized a one-day workshop focused on Aquaculture Insurance and Use of Renewable Energy in Fish Seed Hatchery and its Accreditation on 7th November 2025 at GBP. The event aimed to promote awareness and capacity building among fish farmers, entrepreneurs, and hatchery owners on sustainable aquaculture practices and risk management through insurance; helping them safeguard against natural calamities, diseases, and market risks through government-supported schemes like PM-MKSSY. Sri Deba Kumar Mishra, ACS, DC, Kamrup, & CEO, GBP was the Chief Guest. Other dignitaries included Dr. Sanjay Sarma, District Fishery Development Officer, Kamrup; Sri Subhrajit Chakraborty, Regional Manager, AICIL; Sri Pranjit Dev, Additional DC (Fishery); Dr. Dhruvajyoti Sharma, Fishery Information Officer; Sri Krishna Kalita, District Fishery Development Officer, Kamrup (Metro) and Dr. Bula Choudhury, Senior Scientist, GBP. During the event, 7 aquaculture insurance policies were distributed among fish farmers. The workshop also underscored the need for maintaining quality standards in hatcheries and promoting sustainable aquaculture practices.



Visit of Cmde. Shri Amit Rastogi (Retd.), CMD, NRDC

GBP hosted Cmde. Shri Amit Rastogi (Retd.), Chairman & Managing Director, National Research Development Corporation (NRDC), on 15th October 2025. During his visit, Shri Rastogi interacted with startups, innovators, and researchers working at GBP, and held a fruitful discussion with Shri Deba Kumar Mishra, CEO, GBP & DC Kamrup, on exploring future collaborations to foster a sustainable, innovation-driven ecosystem in the region. He also met Shri Rakesh Kr. Thakur, Administrator, GBP; Shri Omkarnath Suprabhat Rath, COO, Assam Startup and other GBP officials and incubatees. Shri Rastogi appreciated GBP's ongoing efforts in nurturing biotechnology-led enterprises and reiterated NRDC's commitment to strengthening India's innovation and commercialization landscape, especially in the Northeast region.



Visit of Mr. Prasad Shetty, Senior VP– Portfolio & Operations, SINE, IIT Bombay

GBP hosted Mr. Prasad Shetty, Senior Vice President – Portfolio & Operations, SINE IIT Bombay, at its NIDHI PRAYAS Centre on 15th October 2025. During his visit, Mr. Shetty interacted with the NIDHI PRAYAS team and the PRAYASEEs currently incubated at the Centre. The engaging session focused on sharing insights, experiences, and best practices to strengthen the innovation and incubation ecosystem in the Northeast. His visit further reinforced the collaborative spirit between SINE, IIT Bombay and GBP, working together to empower early-stage innovators and promote a culture of technology-driven entrepreneurship.



MoU exchange between Kalpavriksha Trust and BICFA, GBP

BICFA, GBP and Kalpavriksha Trust have entered into a MoU for the lease of Biofloc Units and the Aquaculture Facility at GBP on 7th November 2025. The collaboration aims to strengthen initiatives in sustainable aquaculture, biofloc-based fish farming, and innovative resource management – fostering a platform for applied research, technology demonstration, and community-oriented development in the fisheries sector. The MoU was exchanged between Mr. Himanshu Barman and Dr. Nandini Borah on behalf of Kalpavriksha Trust, and Shri Deba Kumar Mishra, CEO, GBP.



Business Pitch” – a sub-event of LUMOS 2025

Dr. Bula Choudhury, Senior Scientist, GBP, was invited as subject expert for the “Business Pitch” – a sub-event of LUMOS 2025, organized by the Faculty of Commerce and Management and the Entrepreneurship Cell (E-Cell) in collaboration with the Institution’s Innovation Council (IIC) and Down Town Venture Labs Foundation (dtVL) at Assam down town University. The event served as a vibrant platform for budding entrepreneurs to present their innovative business ideas and gain valuable feedback from experts. Dr. Choudhury’s participation enriched the event by motivating students to explore innovative ideas and approach entrepreneurship with confidence and enthusiasm.



Industry–Academia Meet 2025 organized by APSCST

GBP participated in the Industry–Academia Meet 2025 organized by the Arunachal Pradesh State Council for Science & Technology (APSCST), Department of Science & Technology, Govt. of Arunachal Pradesh, on 5th November 2025 at the State Banquet Hall, Itanagar. Dr. Bula Choudhury, Senior Scientist, GBP, and Dr. Rajiv Ch. Dev Goswami, RA, GBP, represented GBP at the event themed “Comprehensive Biotech Skills and Empowerment Development Programme for Post Graduates of Arunachal Pradesh and other NER States.” Dr. Choudhury was invited to deliver a speech and moderate a session on “Industry Insights: Career Journeys, Challenges, and Opportunities for Fresh Postgraduates.” The event brought together distinguished dignitaries including Dr. Suraksha S. Diwan (DBT, Govt. of India), Dr. Nitin Kumar Jain (DBT, Govt. of India), Ms. Sumedha, IAS, Er. C.D. Mungyak, and Dr. Debajit Mahanta, among others. It also featured the launch of innovative technologies and products developed under the DBT–APSCS&T Centre of Excellence for Bioresources and Sustainable Development, Kimin.



Industry–Academia Meet (ICSTIP 2025)

Dr. Bula Choudhury, Senior Scientist, GBP, was invited as a Panelist for the Industry–Academia Meet held during the International Conference on Science, Technology, Innovation and Policy for Global Health and Sustainability (ICSTIP 2025) organized by the Faculty of Science, Assam down town University on 28th October 2025. Dr. Choudhury’s participation and insights highlighted the importance of strengthening collaboration between academia and industry to drive innovation and promote sustainable solutions in the field of science and biotechnology.



Seminar on Empowering Assam's Biofuel Sector through Remote Sensing Technologies

Dr. Bula Choudhury, Senior Scientist, GBP, was invited as the Technical Speaker at the Seminar on “Empowering Assam's Biofuel Sector through Remote Sensing Technologies”, organized by the NER Chapter of PHD Chamber of Commerce and Industry (PHDCCI) in collaboration with ASTEC, ASSAC, and NABARD as the Knowledge Partner. The seminar highlighted Assam’s growing potential in the biofuel and bioresource sector, focusing on: Assam’s strong position in bamboo production, Mapping and monitoring bioresources through remote sensing technologies and Positioning Assam as a key player in biofuel and raw material production. M/s. Zymolent Biosciences, an incubatee of GBP, represented by Dr. Kankan Saikia, also shared insights on utilizing agricultural waste to produce industrially-important enzymes for biofuel generation.



Workshop on “Introduction to Bioinformatics and Biological Databases”

Dr. Rajiv Chandra Dev Goswami, Research Associate, GBP, was invited as a Resource Person for the Regional Level Workshop on “Basic Bioinformatics” organised by Pandu College, Guwahati, from 13th–19th November 2025. On 13th November 2025, Dr. Goswami delivered an insightful and interactive session on “Introduction to Bioinformatics and Biological Databases”, engaging motivated undergraduate students and highlighting how bioinformatics drives modern life-science research. The workshop aimed to equip young learners with hands-on skills, encourage scientific curiosity, and open new avenues for future research and innovation.



TLAI 2025: Empowering Classrooms for the Future

Dr. Bula Choudhury, Senior Scientist, GBP, participated as a speaker at TLAI 2025: Empowering Classrooms for the Future, organised by LABDIG on 20th December 2025. During the programme, Dr. Choudhury shared valuable insights on the importance of communication, cooperation, and collaboration in driving STEM research and innovation. She also emphasised the need for hands-on learning, experiential teaching methodologies, and the integration of affordable scientific technologies to enhance classroom and laboratory practices.



“Fish For Tomorrow” – Indigenous Spawn Production

Dr. Bula Choudhury, Senior Scientist, GBP and Dr. Rajiv Chandra Dev Goswami, Research Associate, GBP; and Mr. Abinash Kumar, Assistant Manager, NRDC, attended the inaugural program of “Fish For Tomorrow” on 10th December 2025, an inspiring initiative by Panchatirtha Aquagro Private Limited, Hajo, dedicated to strengthening sustainable livelihoods through indigenous spawn production. Panchatirtha Aquagro Pvt. Ltd. has been taking remarkable steps in advancing fish farming and aquaculture, fostering scientific practices, skill development, and new livelihood opportunities for local youth and fish farmers. During the visit, the GBP team witnessed several innovative aquaculture practices, including advanced Biofloc systems and modern fish-rearing techniques aimed at empowering communities with improved technologies and high-quality spawn production.



Two-Day Hands-on training on Value-added food products

BICFA, GBP along with the Skill Satellite Centre (SSC), GBP, successfully conducted a two-day hands-on training programme on 27th–28th November 2025 under the TDUPW, DSIR, Government of India. Day 1 included expert sessions on food processing by Dr. Bula Choudhury and Dr. Goutam Das, followed by a technical session on nutritional profiling equipment by Dr. Rajiv Ch. Dev Goswami and a hands-on workshop on value-added fish products. Day 2 focused on shelf-life extension and value-added mushroom products, with sessions by Dr. Manashi Das Purkayastha and Mr. Sibor Boro, along with demonstrations of food processing equipment and practical training. The programme concluded with interactive discussions, equipping participants with practical skills and promoting women-led entrepreneurship in food processing.



Hands-on training on Aquarium Setup for Ornamental Fish-Keeping

BICFA at GBP successfully organized a one-day Skill Development Training Programme on “Aquarium Setup for Ornamental Fishkeeping” on 12th November 2025 at GBP. Participants from diverse backgrounds — students, aspiring entrepreneurs, and fishkeeping enthusiasts — actively took part in the programme and gained hands-on experience in aquarium preparation & setup, maintenance techniques, and ornamental fish species management. The session aimed to promote self-employment and small-scale entrepreneurship in the ornamental fisheries sector, contributing to sustainable livelihood opportunities in the region. The training concluded with an interactive discussion and distribution of participation certificates.



Hands-on training on Plant Tissue Culture Techniques & Applications

GBP successfully conducted a One-Day Hands-on Training Programme on “Plant Tissue Culture and its Application” for B.Sc. 3rd Semester students from the Department of Biotechnology, Pandu College, Guwahati, on 22nd October 2025. The programme was supervised by Dr. Bula Choudhury, Senior Scientist, GBP, and Dr. Rajiv Ch. Dev Goswami, Research Associate, GBP. The training provided participants with practical exposure to key aspects of plant tissue culture — including sterilization, media preparation, inoculation, and acclimatization techniques — effectively bridging classroom learning with real-world biotechnological applications.



Hands-on training program on Mushroom cultivation & spawn culture techniques

A two-day Hands-on Training Programme on “Mushroom Cultivation and Spawn Culture Techniques” was successfully organized on 10th–11th November 2025 at the SSC, GBP and Institution’s Innovation Council (IIC), North Gauhati College, North Guwahati. The training began with an inaugural session and a talk on “Mushroom Spawn Culture: A Step towards Sustainable Agri-Biotech” by Dr. Bula Choudhury, Senior Scientist, GBP. It was followed by sessions on Sustainable Mushroom Cultivation Practices by Ms. Nilofer Yasmin and Mr. Nabajyoti Das, and on Equipment Support for Spawn Culture & Nutritional Profiling by Dr. Rajiv Ch. Dev Goswami. Participants visited SSC and BICFA facilities to learn about advanced instruments and techniques for mushroom cultivation. The afternoon session featured hands-on practical training, covering substrate preparation, inoculation, incubation, and packaging steps.



Hands-on Learning Initiative under ASU–GBP Collaboration

Assam Skill University (ASU) and GBP have taken another step forward in implementing their partnership under the ASU–GBP MoU signed on April 9th 2025. Students from the Integrated M.Sc. in Food Technology program visited GBP for their laboratory practical sessions, gaining hands-on exposure to cutting-edge facilities. The visit also featured an interactive session with the GBP scientific team, inspiring discussions on innovation, food processing, and future foodpreneurship opportunities. This initiative marks the beginning of a dynamic series of experiential learning sessions, aimed at strengthening students' practical understanding and skill in biotechnology and food sciences.



INTERNSHIP

An internship programme focusing on molecular biology, microbiology, and the application of advanced instrumentation in biotechnology research during October & November 2025 was completed by Ms. Sakshi A. Pawar (NIPERG) and Ms. Bedika Sinha. The internship was conducted under the expert guidance of Dr. Bula Choudhury, Senior Scientist, GBP, and Dr. Rajiv Ch. Dev Goswami, Research Associate, GBP, ensuring a strong scientific foundation coupled with comprehensive hands-on training.



Mr. Rupam Medhi (M.Sc. Food Nutrition) has successfully completed his internship on “Advanced Analytical Instrumentation and Biochemical Processing” at GBP under the guidance of Dr. Prajjalendra Barooah, Research Associate, GBP and Dr. Saurav Dey, Scientist, GBP. During his internship, Rupam

Students from Dept. of Biotechnology, Gurucharan University, Silchar, have successfully completed their internship at GBP in the theme “Tools and Techniques in Molecular Biology and the Role of Advanced Instrumentation in Biotechnology,” which was structured in alignment with NEP guidelines. Throughout the program, students engaged in hands-on sessions on key molecular biology techniques, laboratory instrumentation, and analytical tools vital for modern biotechnological research. They also gained valuable exposure to state-of-the-art scientific facilities and their applications in both academia and industry.



Exposure Visits

Student exposure visit to GBP under AAROHAN scheme

The students selected from various districts for the year 2025 under the Chief Ministers AAROHAN program which is an ambitious program to improve the quality of Secondary Education and to aid identification of talented students from the remote, rural and poor families for the mentoring and monitoring of their academic career a number of students from different districts visited GBP in this period.

Barpeta, Mancachar, and Dima Hasao	6th October 2025	367 students
Lakhimpur and Tinsukia	9th October 2025	352 students
Baksa, Sribhumi and Kokrajhar	14th October 2025	403 students
Dibrugarh and Jorhat	10th November 2025	387 students
Sivasagar, Sonitpur and Udalguri	26th November 2025	332 students





Exposure visit under SANKALP Program

Students from eight colleges of Kamrup district on 8th October 2025 as part of the SANKALP Program, organized by the Social Welfare Office, Kamrup District Administration. The visit aimed to inspire and orient students towards innovation, entrepreneurship, and biotechnology-driven opportunities. During the session, students explored the state-of-the-art facilities at GBP and interacted with the team to gain insights into incubation, research, and startup development in Assam.



Assam Down Town University

B.Tech CSE students from Assam down town University successfully completed an enriching field visit to the GBP and North East Centre for Technology Application and Research (NECTAR) on 7th November 2025. A team of 60 enthusiastic students, accompanied by faculty members, explored cutting-edge research initiatives, innovative technologies, and real-world applications that connect science with societal development at TIC, GBP, and NECTAR. The students gained valuable insights into biotechnology and agri-incubation, advanced research facilities, and emerging opportunities in the life-science and technology sectors.



Department of Botany, Lumding College, Hojai

B.Sc Botany, 1st Sem from Lumding College, Hojai, visited GBP on 4th November 2025. The students explored GBP's state-of-the-art facilities, interacted with the scientific team and incubatees, and participated in a brainstorming session on emerging opportunities in biotechnology and life sciences. They also toured incubatee laboratories, observed ongoing research and innovation activities, and gained insights into the Biofloc setup and demonstration, highlighting sustainable aquaculture practices undertaken by BICFA, GBP.



Quality Support Program of Bharti Airtel Foundation

Eight partner schools on 21st November 2025 under the Quality Support Program of Bharti Airtel Foundation, organized in collaboration with Samagra Shiksha, Kamrup. A total of 80 students from Classes 8 and 9, along with their teachers, visited our campus for a one-day exposure trip. The participants explored various state-of-the-art laboratories, interacted with our scientists and staff, and gained meaningful insights into the diverse scientific processes, research activities, and innovations taking place at GBP. The visit was designed to inspire young minds, expand their understanding of biotechnology and allied fields, and promote experiential learning beyond the classroom. We are thrilled to see the enthusiasm, curiosity, and active participation of the students throughout the tour.



Jawahar Navodaya Vidyalaya, Darrang

GBP was delighted to host the Class 8 students of Jawahar Navodaya Vidyalaya, Darrang on 25th November 2025. During their visit, the students explored our state-of-the-art laboratories, witnessed various biotechnology facilities, and gained insights into the innovative work carried out by startups and entrepreneurs at GBP. The interactive session provided them with an enriching experience to visualize real-world applications of science and technology, sparking curiosity and inspiration for their future learning journey.



PM Shri Nikashi High School, Baksa

122 enthusiastic students from PM Shri Nikashi High School, Baksa, on 8th December 2025. During the visit, students explored our advanced scientific facilities, interacted with the scientific team at GBP, and gained firsthand exposure to the world of biotechnology, innovation, and research at GBP. The students displayed remarkable curiosity and interest while learning about ongoing projects, the incubation support system, and how biotechnology contributes to solving real-world challenges.



Nemcare Group of Institutions

Students from the Department of Biotechnology, NEMCARE Group of Institutions, Mirza, on 5th December 2025. During the visit, students gained hands-on exposure at our Advanced Research Laboratory, exploring state-of-the-art instruments, research facilities, and ongoing scientific activities at GBP. Our scientific team interacted with the students, offering insights into modern biotechnological applications, incubation opportunities, and the crucial role of research and innovation in shaping future scientific careers.



Quality Support Program of Bharti Airtel Foundation

an exposure visit to GBP for students and teachers from 7 partner schools under the Quality Support Program of Bharti Airtel Foundation was organized in collaboration with Samagra Shiksha, Kamrup, on 8th December 2025. A total of 80 students participated from the following schools of Karara and Kamalpur Blocks, Kamrup, Muktapur HS, Bihdia Anchalik HS, Mazgaon HS, Baihata HS, Dora Kahara HS, Dhopatari Silbhoral HS and Burka Satgaon Higher Secondary School. The visit offered students meaningful exposure to biotechnology, advanced research facilities, the innovation ecosystem, and incubation support available at GBP.



Department of Forensic Science, Assam Down Town University

115 students from the Department of Forensic Science, Faculty of Science, ADTU visited GBP. Students gained insights into biotechnology-driven research, startup incubation, innovation ecosystems, and analytical facilities at the TIC, GBP. An interactive session highlighted the applications of DNA technology in forensic science, including DNA extraction, analysis, and its role in criminal investigations.



Chief Advisor : Shri Deba Kumar Mishra, ACS
Chief Executive Officer, GBP

Editor: Dr. Prajjalendra Barooah, Research Associate, GBP
www.guwahatibiotechpark.com