

INTERNSHIPS

Theme: Biomolecule Profiling

The first batch of interns of winter session-2017 and overall 7th batch in the area of 'Biomolecule Profiling' at GBP have done their internship project work during 15-30th December, 2017 under the supervision of Dr. Madan Gopal Barthakur, Senior Scientist, GBP. The interns of this group are M. Haroon and Twinkle Gouri Borah, B.Tech (Biotechnology) 2nd yr, School of Bioengineering, SRM University, Tamil Nadu; Thrilongse A. Sangtam, Ngoku Phesao, and Nar Bahadur Chetri, B.Tech (Biotechnology), 4th yr, School of Engineering and Technology, Nagaland University.



Intern students during their work on Biomolecule profiling

having traditional medicinal use or expected to contain potential medicinal compounds.

This internship course comprised of laboratory techniques and R&D skills on solvent extraction (Soxhlet, Sonication etc.), chromatographic separation, use of high-end analytical instruments like Gas Chromatography Mass Spectrometry (GC-MS) etc. for molecule profiling and an overall training on good laboratory practices.

The project work was based on extraction of a few plant species of Assam and profiling of molecules present in the extracts. The plant species chosen were either



Dr. M.G. Barthakur, Senior Scientist, GBP, Mr. Kamal Gauli, LA, GBP and Mr. Jintu Rajbonshi, LA, GBP with intern students on Biomolecule Profiling

Theme: Microbiology, Molecular Biology and Imaging

The 5th batch of students for internship program on “Basic techniques in Microbiology, Molecular Biology and Imaging” comprising of eleven students has started from 22nd December 2017. The participants

are: Ms. Surajita Pathak, Ms. Rishika Bora, Ms. Trishna Das, B. Tech (Biotechnology) 2nd yr, Department of Bioengineering and Technology, GUIST, Gauhati University; Mr. Pingal Pritam, Mr. Pranab Jyoti Hazarika, Mr. Hieuntsang Mochahary, Ms. Dajney Mech and Mr. Rahul Deka, B. Sc (Biotechnology), 2nd yr, Cotton College State University; Ms. Hirushmita Sarma, B.Sc (Zoology), 2nd yr, and Ms. Anindita, B.Sc (Biotechnology), 2nd yr, St. Anthony's College, Shillong; and Ms. Darshana Kalita, M. Sc (Biomedical



Intern students during their laboratory work on molecular biology

Science), 1st yr, B. R. Ambedkar Center for Biomedical Research, Delhi University. The students got the opportunity to interact with Dr. Hridip Kr. Sharma, Asst. Prof. Dept. of Biotechnology, Gauhati University on protein isolation, purification and analysis.

The program will run upto 11th January 2018 under the supervision of Mr. Prajjalendra Barooah, RA, GBP, Dr. Rajiv Ch. Dev Goswami, RA, GBP and Dr. Bula Choudhury, SS, GBP.



Intern students interacting with Dr. Hridip Kr. Sharma, Asst. Prof. Dept. of Biotechnology, GU

Biotech Industrial Training Programme for North Eastern State Students (BITP-NES)

GBP is hosting two students Ms. Rijumoni Kalita, Gauhati University and Ms. Vesapolu Hesuh, Nagaland University under the Biotech Industrial Training Program for NE students (BITP - NES) 2017-18. The trainees will work at GBP for 6 months with the financial support from BCIL.

New Entrepreneur at GBP

M/S INNOTECH INTERVENTIONS PVT LTD. has signed MOA with GBP for a space of 564 Square foot under a novel project on the Vitamin Fortified Mushroom production. They will carry out their work at GBP through their grant received under BIG-BIRAC scheme of DBT, GOI.

VISITS

Meeting with Dr. Kiran Mazumdar Shaw, CMD, Biocon Ltd., Bangalore

During the Bangalore Road Show-Advantage Assam: Global Investor' Summit, Assam-2018 and meetings on 19th December, 2017 led by Shri Sarbananda Sonowal, Hon'ble Chief Minister of Assam, in presence of Shri Keshab Mahanta, Hon'ble Minister Science and Technology Department, Govt. of Assam, other GOA officials including officials from S&T Deptt., Shri Rajiv Kumar Bora, IAS, Additional Chief Secretary to GOA, S&T Deptt., Shri Nitin Khade, IAS, Secretary to GOA, S&T Deptt. and Dr. Madan Gopal Barthakur, Senior Scientist, GBP interacted with Dr. Kiran Mazumdar Shaw, CMD, Biocon Ltd., Bangalore. Dr. Kiran Mazumdar Shaw is the pioneer of biotechnology industry in India, internationally acclaimed business personality and the founder & CMD of Biocon Ltd, Asia's premier and India's largest bio-pharma company.

During a discussion on scope and future of R&D, industrial ventures and investment opportunities in biotechnology & allied areas in the state of Assam and how Karnataka/Bangalore can help Assam to grow in this sector, Dr. Mazumdar highlighted on a few crucial points and put forward some formative suggestions.



Shri Sarbananda Sonowal, Hon'ble Chief Minister of Assam, Govt. of Assam, Shri V. K. Pipersenia, IAS, Chief Secretary to GOA, Shri Ravi Capoor, IAS, Additional Chief Secretary to GOA, Industries & Commerce Deptt, Shri Rajiv Kumar Bora, IAS, Additional Chief Secretary to GOA, S&T Deptt., Shri Sanjay Lohia, IAS, Principal Secretary to CM, GOA with Dr. Kiran Mazumdar Shaw, CMD, Biocon Ltd. during meeting at Hotel ITC Gardenia, Bangalore



Shri Nitin Khade, IAS, Secretary to GOA, S&T Deptt. and Dr. M.G. Barthakur, SS, GBP, with Dr. Kiran Mazumdar Shaw, CMD, Biocon Ltd.

Dr. Madan Gopal Barthakur, Senior Scientist, GBP also visited Bangalore Bioinnovation Centre, Bangalore Helix Biotech Park, Bengaluru on 20th December, 2017 and interacted with Dr. Jitendra Kumar, MD of the center and with a few incubates of the center.



Dr. M.G. Barthakur, SS, GBP, with Dr. Rajlakshmi Borthakur, CEO, TerraBlueXT, Shri K.N. Praveen, KAS, GM, KBITS and colleagues at Bangalore Bio-Innovation Centre.

Golden Jubilee Celebration of B.H. College, Howly

GBP officials participated in the Golden Jubilee Celebration of B.H.College, Howly by setting up a stall for display. They interacted, explained and informed the numerous students, professors and other participants of the function about the various opportunities of association and facilities available at GBP.

Dr. Rajiv Ch. Dev Goswami, RA, GBP and Mr. Kamal Gauli, LA, GBP participated in the function on the first day and Mr. Prajjalendra Barooah, RA, GBP and Mr. Jintu Rajbongshi, LA, GBP participated on the second day of the function.



Dr. Rajiv Ch. Dev Goswami, RA, GBP, Mr Kamal Gauli, LA, GBP and Mr. Prajjalendra Barooah, RA, GBP, Mr Jintu Rajbongshi, LA, GBP at the stall, displaying GBP's activities at BH College, Howly

North East Accelerator Programme

A team of GBP officials namely Dr. Kumar Saurav Dey, Technical Officer; Mrs. Monsumi Gogoi, Administrative Officer; Mr. Hemen Das, Marketing Officer attended the launch event of North East Accelerator Program organized by IIM Calcutta Innovation Park (IIMCIP), in association with the Department of Science and Technology (DST), Govt. of India at Hotel Radisson Blu, Guwahati on 15th December, 2017.



Dr. Saurav Dey, TO, GBP, Mrs. Monsumi Gogoi, AO, GBP, Mr. Hemen Das, MO, GBP at North East Accelerator Program at Hotel Radisson Blu

Women Biotechnology Network Park

Dr Bula Choudhury, SS, GBP participated in the consultative meeting on Women Biotechnology Network Park in North Eastern Region of India” held on 19th December 2017 at BIRAC Office, New Delhi.

Visit by Chief Manager, Grants Management Division at IKP Knowledge Park

Mr. Ramjee Pallela, Chief Manager, Grants Management Division at IKP Knowledge Park, Hyderabad visited GBP on 26th December 2017. He had an extensive interaction with the GBP staff and officials and also with in-house incubates at GBP.

Visit by CMD, NRDC :

Dr. H. Purushotham, Chief Managing Director (CMD), National Research Development Corporation (NRDC) accompanied by few professors of Assam Down Town University, Panikhaiti visited GBP on 29th December, 2017 and interacted with the entrepreneurs and intern students at GBP.



Dr. H. Purushotham, CMD, NRDC, and accompanying guests during visit to GBP

13th GBPIC Management Committee Meeting

The 13th GBPIC Management Committee Meeting was held on 21st Dec, 2017 at the conference room of GBP and chaired by Prof. Gautam Biswas, Director, IIT Guwahati cum Chairman, MC, GBP. Shri Rajiv Kr. Bora, IAS, Additional Chief Secretary, Govt of Assam, Prof. Utpal Bora, Deptt of BSBE, IIT Guwahati and Shri. Vinod Seshan, IAS, CEO, GBP were the other members present at the meeting along with the GBP staff. Several major decisions were taken by the Management Committee in the meeting.



Hon'ble Chairman, members and GBP staff during the 13th GBPIC Management Committee Meeting at conference hall, GBP

New Equipment Installation

Installation and demonstration of Cogent Micro Scale Tangential Flow Filter (TFF) system, Cogent M1 TFF system, K Prime Chromatography units (Merck) was completed in GBP from 19th to 22nd Dec 2017. GBP scientific team and along with few students were trained in the utilization of the high end Filtration system and the K-Prime chromatography system. All three systems are ready to be used by in house incubates as well as other users on a pay and use basis.



Cogent M1 TFF system



Cogent Micro Scale TFF system



K Prime Chromatography unit

Upcoming Events & Programmes

Talent Search Contest :

GBP is organizing a “Talent Search Contest on Innovative research ideas leading to entrepreneurial venture in Biotechnology and allied areas” to promote and encourage innovative ideas in the field of Bio-entrepreneurship. Proposals are invited from Graduates/ Post Graduates/PhD Student/Post-Doctoral fellow and any professionals experienced and interested in Biotechnology and allied areas. Last date for submission of proposals is **19th January 2018**.



Guwahati Biotech Park
Discovering through partnership

GBP'S TALENT SEARCH CONTEST ON INNOVATIVE RESEARCH IDEAS LEADING TO ENTREPRENEURIAL VENTURE IN BIOTECHNOLOGY AND ALLIED AREAS

Guwahati Biotech Park (GBP) the visionary initiative of Government of Assam has been established to promote business in biotechnology and allied areas. In an endeavor to promote entrepreneurial venture, GBP invites proposals from Graduate/ Post Graduate/PhD Student/Research Scholars and professionals experienced in Biotechnology and allied areas to participate in this contest.

For submission of research proposal and for any kind of updates please visit www.guwahatibiotechpark.com/news & events

AWARDS AND RECOGNITION

- Offer for ready to use Laboratory space at Guwahati Biotech Park Incubation Center to start R & D works on the selected Innovative Idea.
- Award of Cash Prizes
- Exposure to the sophisticated instrumentation Facilities of GBPIC
- Linkages with the Industry professionals, Investment bankers, Angel Investors and academicians.

Last date for submission : January 19, 2018 (Friday)
Announcement of shortlisted participants : January 31, 2018 (Wednesday)

There is no registration fee to participate in the contest and the selected participants will also be reimbursed the travelling expenses (T & C apply)

SPONSORSHIP OPPORTUNITIES

GBP also invites sponsorship from interested parties. Through this program, sponsors can enhance their network in the business community and promote their brand name to the Entrepreneurs, Students/Researchers, Academicians and Industry Professionals and other guests of the program.

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Internship Programs :

The next two batches of interns in the current winter session on Biomolecule Profiling are joining on 5th January 2018 and 8th Feb (for 1 month).

Next batch of intern students on Basic techniques in Microbiology, Molecular Biology and Imaging will be joining GBP from 15th Jan 2018 (for 2 weeks).

Chief Advisor : **Shri Vinod Seshan**, IAS, Chief Executive Officer, GBP

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