

EXPOSURE VISITS

REGIONAL SCIENCE CENTRE

A group 90 students, from various schools of Guwahati & nearby area who are participating in summer camp program during July, 2017 at Regional Science Centre (under National Council of Science Museums), Guwahati, visited GBP on 26th July, 2017. The students were led by Shri Ramendra Medhi, Education Officer and a group of mentor officers of the centre. The students were given exposure to different facilities, instruments of GBP by the officials of the park. The students were very enthusiastic and delighted to see some visual experiments and scientific demonstrations carried out by the scientific staff.



Students attending summer camp at Regional Science Centre, Guwahati at GBP

ASSAM DON BOSCO UNIVERSITY

A group of 27, third Semester M.Sc. Microbiology / Biotechnology / Biochemistry students along with faculty members Dr Probin Phanjom, Dr Mahua Gupta Choudhuri, Dr Vedant Vikram Borah and Dr Supriyo Sen, Asst Professors, School of Life Sciences, Assam Don Bosco University, Azara visited GBP on 25th July. The group was briefed about the vision, objectives and the various facilities as well as applications of the high-end equipments of GBP during the visit.



Students and faculty members from Assam Don Bosco University, Azara, during their visit to GBP.

PUB KAMRUP COLLEGE

A group of 20 students (B.Sc. Zoology, 3rd Semester and B.Voc. Food Technology 6th Semester) from Pub Kamrup College, Baihata Chariali visited GBP facilities on 20th July, 2017. During the visit students were provided exposure to the various facilities and the instruments available in the park.



An interactive session with GBP staff members and students from Pub Kamrup College

EQUIPMENT INSTALLATION

Installation and demonstration of Fast Protein Liquid Chromatography System (FPLC), Make: Bio Rad, USA, Model: NGC Quest Pro10 was completed in GBP from 11-14th July 2017. GBP scientific team and along with few students from IIT Guwahati were trained in the utilization of the high end Protein fractionation and purification system. The system is ready to be used by in house incubates as well as other users on a pay and use basis.



Scientific staff along with students from IIT Guwahati during installation and demonstration of FPLC unit at GBPIC

Visit to Central Inland Fisheries Research Institute (CIFRI)-(ICAR)- Regional Centre

Dr. M. G. Barthakur, Senior Scientist, GBP visited Central Inland Fisheries Research Institute (CIFRI)-(ICAR)- Regional Centre, Guwahati on 31st July, 2017. In the visit he got acquainted with the facilities of the centre and interacted with scientists of the centre regarding research, projects and other activities. The visit aimed at exploring avenues for sharing knowledge and future tie-ups to promote & initiate incubation-led entrepreneurial ventures in area of fishery science through modern-technology intervention.



Dr. M. G. Barthakur, Senior Scientist, GBP, with scientific staff of Central Inland Fisheries Research Institute (CIFRI)-(ICAR)- Regional Centre

Visit to Bamboo Technology Park



GBP Officials at Bamboo Technology Park, Chaygaon

A group of officials viz. Mr JP Sarma, Project Manager; Dr Bula Choudhury, Senior Scientist; Ms Monsumi Gogoi, Administrative Officer and Mr Hemen Das, Marketing Officer visited Bamboo Technology Park, Chaygaon on 1st July 2017 to understand the modalities of the Park. Mr R. Pakrashi, CEO, Bamboo Technology Park briefed the officials about the park and its components during this visit.

INTERNSHIPS

Theme: Microbiological Techniques & Molecular Biology

Miss Monsumi Goswami (M.Sc 6th Semester, Lovely Professional University, Punjab) completed internship program on Microbial Techniques and Imaging from 5th -31st July 2017. She carried out work on isolation, culture, preservation, antibiotic susceptibility tests and other fermentation techniques during her stay at GBP.

Dr. Bulbuli Khanikor, Asst. Professor and Ms. Riju Sharma, PhD Scholar, Deptt. of Zoology, Gauhati University underwent internship programme on Molecular Biology from 26th -31st July 2017. They carried out tasks such as DNA extraction, PCR, Protein extraction and SDS-PAGE using microbial, insect, as well as plant sources. Both the programs were carried out under the supervision of Dr. Bula Choudhury, SS, Dr. Rajiv Chandra Dev Goswami, RA and Mr. Prajjalendra Barooah, RA, GBP



Dr. Bula Choudhury, SS, GBP with intern students and scientific staff of GBP during internship program on Microbiological Techniques & Molecular Biology

Theme: Biomolecule Profiling

A one month internship on 'Biomolecule Profiling' was undertaken by group of five students during July, 2017 under supervision of Dr. Madan G. Barthakur, SS, GBP. The interns of this 3rd group of the summer session on Biomolecule Profiling are Nizum Boro, Tridisha Bhuyan, Pratima Sonowal, Bhargi Deka and Nabankur Saikia of GUIST, Gauhati University. Their project work comprised of extraction from different parts of endemic plant species of Assam having known traditional medicinal value or potential medicinal compounds. Crude extracts were analysed by GC-MS profiling and antimicrobial activity was evaluated for each extract. During the program, the interns learned basic as well as a few sophisticated laboratory techniques like extraction, chromatographic separation, handling of high-end analytical instruments.



Intern students along with Dr. M. G. Barthakur, SS, during internship programme on Biomolecule profiling



Intern students after receiving certificates from Prof. K. Pakshirajan, IIT Guwahati and officials of GBP

The 2nd group of interns on Biomolecule Profiling under Dr. Madan G. Barthakur, SS, GBP in this summer session were awarded certificates by Prof. K. Pakshirajan, HoD, Deptt. of Biosciences & Bioengineering, IIT Guwahati on 5th July 2017 in presence of staff of GBP.

Theme: Application of Sophisticated Analytical Instruments

A group of 6 B.Tech Biotechnology, 4th semester students, Aditi Chakraborty, Azaharuddin Ahmed, Bhagyashree Das, Upasana Das from GUIST, Gauhati University, Europa Doley from Guru Gobind Singh, Indraprastha University, New Delhi, and Ms Firoza Choudhury, Amity University, Kolkata underwent a 2

weeks internship on 'Qualitative and Quantitative Analysis of Flavanoids in Plant Extracts by HPLC and LC-MS' in the month of July 2017 under the supervision of Dr. Saurav Dey, Technical Officer, GBP.



Intern students under supervision of Dr. S Dey, Technical Officer, GBP during their internship program

Chief Advisor : **Shri Vinod Seshan**, IAS, Chief Executive Officer, GBP
Editor : **Shri Prajyalendra Barooah**, Research Associate, GBP

Tel: 0361-2690228, Fax: 0361-2690227 | email: info2gbp@guwahatibiotechpark.com
Website: www.guwahatibiotechpark.com