

Training Program on Confocal Laser Scanning Microscopy (CLSM) and its applications

GBP in association with National Institute of Pharmaceutical Education and Research (NIPER) organized a Short Term Training Program on Confocal Laser Scanning Microscopy (CLSM) and its applications on 2-3rd November 2017. The training was coordinated by Dr. Bula Choudhury, Sr. Scientist, GBP. Dr. A. Banerjee, Application Specialist, Leica and Dr. S. Sinha DST-WS, NIPER delivered talks during the program. This program was organized to elucidate the complete workflow for obtaining high quality images, including biological sample preparation, image acquisition and processing for CLSM.

This training had 13 participants from various institutes like Indian Institute of Technology (IIT) Guwahati, Gauhati University, Cotton College State University (CCSU) and National Institute of Technology (NIT), Raipur.



Participants during the Training Program on Confocal Laser Scanning Microscopy (CLSM) and its applications

Training on Analytical Instruments and their applications (GCMS & HPLC)

GBP organized a Short Term Training Program on Analytical Instruments & their applications (GCMS & HPLC) during 9-10th November, 2017 at the Central Analytical Instrumentation Facility (CAIF). The two day training was focused on theory, instrument familiarization, sample preparation, sample analysis and data interpretation of the two important analytical instruments viz. Gas Chromatography Mass Spectrometry (GCMS)&High Pressure Liquid Chromatography (HPLC).

The training was coordinated by Dr. Madan G. Barthakur, Sr. Scientist & In-charge-CAIF, GBP and co-coordinated by Dr. Saurav Dey, Technical Officer, GBP. The training had 20 participants from various institutes like IIT Guwahati, Gauhati University, Assam University-Silchar, Manipur University, Pt. DDU Institute of Agricultural Sciences, Manipur, North-Eastern Hill University-Shillong, IASST Guwahati, Kamrup Polytechnic, ADP College Nagaon, Cachar College etc. Certificates were awarded on the final day of the training in a short concluding session which was graced by the presence of Prof. K. D. Singh, In-charge, TIC-IIT Guwahati.



Participants of the Training program on Analytical instruments and their applications

Life Science Awareness Program

C-CAMP, as part of the BIRAC Regional Entrepreneurship Centre (BREC), organized "National Life Science Awareness Program" at Guwahati Biotech Park on 20th November, 2017. The speakers in this event were Dr. K.K. Narayanan, Former MD, Metahelix Life Sciences; Ms. Nandita Chandavarkar, Head C-SAP, C-CAMP, Bangalore; Mr. Diptarka Ray, Patent & Trademark Consultant, Kolkatta and Dr. Mousumi Mondal, Young Entrepreneur, C-CAMP.



Participants of the National Life Science Awareness Program along with GBP Staff Members

GBPIC Management Committee Meeting

The 12th GBPIC Management Committee meeting was held on 18th Nov, 2017 at the conference room of GBP and chaired by Prof. Gautam Biswas, Director, IIT Guwahati cum Chairman. Shri Rajiv Kr. Bora, IAS, Additional Chief Secretary, S&T Deptt., Govt of Assam, Prof. R. Swaminathan, Deptt of BSBE, IITG 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.

Invited Talk

Dr. Madan G. Barthakur, Sr. Scientist, GBP delivered an invited talk at University of Science & Technology, Meghalaya (USTM), Baridua on 7th November, 2017 during an Entrepreneurship Awareness Camp organized by the Entrepreneurship Promotion Cell (EPC) of the university with the support of DST (GoI) NIMAT Project. Dr. Barthakur's talk was on '*Entrepreneurship willingness, prospects & challenges in respect to Bio-Pharma and Bio-Chemicals and their scope in business*'



Dr. M. G. Barthakur, SS, GBP, with the students and other faculty members of University of Science & Technology, Meghalaya

Visit to ICAR- National Research Center on Pig

Dr. Madan G. Barthakur, Sr. Scientist, GBP was invited for an interactive session to ICAR-NRC-Pig, Rani, Guwahati on 30th November, 2017. Dr. Rajiv Ch. Dev Goswami, RA, GBP and Shri Prajjalendra Barooah, RA, GBP also accompanied Dr. Barthakur. The team interacted with the Director and other eminent scientists of the institute and also with the participants of an ongoing DBT sponsored workshop in the institute where Dr. Barthakur delivered a talk on '*Guwahati Biotech Park - A Catalyst for Entrepreneurship Development & Industrialization in Biotech & Allied areas in North-East India*'.



Dr. M.G. Barthakur, SS, GBP, Dr. R. Ch. Dev Goswami, RA, GBP and Shri. P. Barooah, RA, GBP during the ICAR-NRCP, Rani visit

Upcoming Events

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](http://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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GUWAHATI BIOTECH PARK
INTERNSHIP/ PROJECT/ DISSERTATION OPPORTUNITY AT GUWAHATI BIOTECH PARK

Guwahati Biotech Park, a joint venture of DBT, Govt. of India and Govt. of Assam invites applications from students in Biotechnology and allied areas for Internship/dissertation program.

Eligibility Criteria: Students pursuing BSC/MSC/BTECH/ MTECH in Biotechnology and related areas

Areas: Microbial Techniques with Imaging, Molecular Biology, Bio prospecting of Flora & Fauna, Biomolecule profiling, Micro propagation, Fermentation, Herbal Extraction and Application of Sophisticated Analytical Instruments (Complete list available at www.guwahatibiotechpark.com/facilities/infrastructure/facilities)

Others areas: _____ (Please Specify)

Duration: 2 weeks, 1 month, 3 months and 6 months

Registration Fee: Rs. 1000 only (non refundable)

Fees: The total cost will depend upon its nature, area and duration.

Facilities Available: Central Analytical Instrumentation Facility (CAIF), Bio prospecting Facility, Micropropagation Facility and Herbal extraction Facility.

SOME OF THE EQUIPMENT FACILITIES AT GBP

CHNS Analyser	Confocal Microscope	Mist-directed sub-purification system	GC-MS	LC-MS	Ultra Centrifuge
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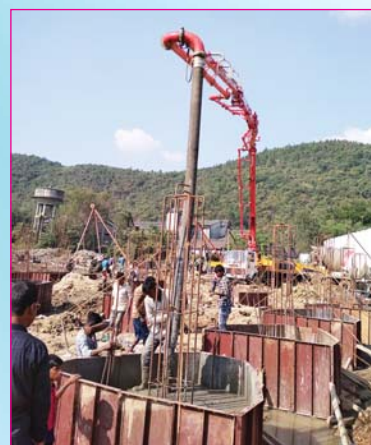
For details please contact
Guwahati Biotech Park, Technology Complex, IT Guwahati, Assam-781039, Ph. 0361-2690228
Interested students must fill the application in the prescribed format available at www.guwahatibiotechpark.com under the link Facilities/Internship and send it to project@guwahatibiotechpark.com

Internship (Winter Session)

GBP is also organizing winter internship programs beginning from December 2017 on the themes of Application of Sophisticated Analytical Instruments, Molecular Biology, Biomolecule profiling, Microbiological techniques with imaging, Micro-propagation, Fermentation and Herbal extraction. The duration of the internships may range from 2 weeks to 6 months. Interested participants may apply for the same through details available at GBP website.



Ongoing construction work of TIC at GBP, Amingaon site



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