

Visit of Lyonchhen Tshering Tobgay, Hon'ble Prime Minister, Bhutan

Lyonchhen Tshering Tobgay, Hon'ble Prime Minister, Bhutan along with his team of delegates visited GBP on 31 March, 2017 and was received by senior govt. officials and staff of GBP. The Prime Minister showed an active interest in the facilities available at the Park and had interactions with the officials and incubatees.



Visit of Lyonchhen Tshering Tobgay, Hon'ble Prime Minister, Bhutan

Governing Body Meeting

The 6th Governing Body meeting of GBP was held on 3 March, 2017 at the Conference Room of Shri Sarbananda Sonowal, Hon'ble Chief

Minister, Assam and presided over by the CM himself. Several major decisions were taken by the GB in the meeting.



GB Meeting presided over by Shri Sarbananda Sonowal, Hon'ble Chief Minister, Assam

Seminar on “ENTREPRENEURIAL OPPORTUNITIES IN BIOTECHNOLOGY”

GBP organized a one-day seminar on “Entrepreneurial Opportunities in Biotechnology” in association with Indian Institute of Entrepreneurship (IIE), Guwahati on 10 March, 2017 at IIE, Guwahati. The seminar was sponsored by Science and Engineering Research Board (SERB), DST, GoI.

The inaugural session was graced by Dr. P.G. Rao, VC, USTM, Meghalaya; Mr. Manoj Das, Director, IIE, Guwahati; Dr. N.C. Talukdar, Director, IASST, Guwahati; Dr. A.K. Mishra, Director, ASTEC, Guwahati, Dr. V.K. Dubey, Professor, Dept. of Biosciences and Bioengineering (BSBE), IIT Guwahati and Dr. S. Palewal, Scientist, Regional Muga Research Station, Central Silk Board, Boko.

The first session on ‘Research – Funding – Entrepreneurship’ was chaired by Dr. P.G. Rao, VC, USTM, Meghalaya. The speakers of the session were Dr. Sreeparna Bhuyan Baruah, Faculty & Head, Centre for Industrial Extension & Consultancy, IIE Guwahati; Dr. V.K. Dubey, Professor, Dept. of Biosciences and Bioengineering (BSBE), IIT Guwahati; Dr. Sanjeev Majumdar, Scientist, NRDC, New Delhi and Mr. Zaveer Uz-Zaman, Manager,

North East Venture Fund, NEDFi. In his speech, Dr. Majumdar enlightened the audience about the support of NRDC on technology transfer as well as patent filing while Mr. Zaman spoke on the venture capital funding of NEDFi.

The second session on ‘Research Technology Transfer - Infrastructure Developments – Entrepreneurship’ was chaired by Dr. Dipali Devi, Former Faculty, IASST, Guwahati. Mr. P.K. Saikia, MD, AIIDC, Guwahati; Mr. M.C. Borah, Elrhino Eco Industries Pvt. Ltd; and Mr. Pranjal Baruah, MD, Mushroom Development Foundation, Guwahati were the eminent speakers of the session. Mr. P.K. Saikia apprised about the Govt. initiatives and schemes for entrepreneurs while Mr. P. Baruah conversed on entrepreneurship development in mushroom farming. Mr. M.C. Borah shared his experiences in preparation of hand-made paper from elephant and rhino dung.

The sessions were followed by an ‘Open discussion’ moderated by Dr. Bula Choudhury, Senior Scientist, GBP. The participants actively expressed their thoughts in the forum.

The seminar was attended by entrepreneurs, consultants, businessmen, service holders, farmers and students of various educational institutes.



Speakers of the seminar ‘Entrepreneurial Opportunities in Biotechnology’



INTERNSHIP Program

A group of fifteen (15) students of 6th semester B. Sc. (Biotechnology & Microbiology), Asian Institute of Management & Technology, Guwahati are undergoing a one-month internship on 'Biomolecule profiling' under the guidance of Dr. Madan Gopal Barthakur, Senior Scientist, GBP from 2 March, 2017. The interns are Manswama Boro, Rupsweta Gogoi, Sushmita Gautam, Chiranjib Patir, Priyanka Boro, Elia Nourin, Annesha Khersa, Syeda Chemim Ahmed, Narzina Rahman Borah, Yarleichon A.C., Indrani Chetia, Dhiraj Das, Shyama Prasad Bezborra,

Rishab Dey and Saurav Dev.

Their project work is based on extraction, GC-MS profiling and biological screening of extracts of different parts of some lower and higher plant and algae species of Assam having known traditional medicinal value or expected to have potential medicinal compounds. During the program, the interns were provided training on many laboratory techniques like solvent extraction (soxhlet), sonication, chromatographic separation, high-end analytical instruments (GC-MS, HPLC) etc.



Intern students on 'Biomolecule profiling' under the guidance of Dr. Madan G. Barthakur

AIR Talk Show

Under the sponsorship program of All India Radio (AIR), GBP organised talk shows on 'Guwahati Biotech Park – Shaping Start-Ups in the field of Biotechnology and related areas' and 'Guwahati Biotech Park - Promoting entrepreneurship in the field of Biotechnology and related areas and catalysing industrial growth'. The experts of the first show were Dr. Biman B.

Mandal, Professor, Dept. of BSBE, IIT Guwahati and Dr. Bula Choudhury, Senior Scientist, GBP, while the second show was co-ordinated by Dr. N.C. Talukdar, Director, IASST, Guwahati and Dr. Madan Gopal Barthakur, Senior Scientist, GBP. The programme was moderated by Mr. Manash P. Sarma and aired on AIR Guwahati (100.1 MHz) on 6 & 11 March, 2017 from 8:30-9:00pm.

PROJECTS

To boost the Muga silk industry of Assam, GBP has initiated a project for the production of GBP certified Disease Free Layings (DFLs) of Muga with support from Regional Muga Research

Station, Central Silk Board, Boko. The project is coordinated by Dr. Bula Choudhury, Senior Scientist, GBP.



Stages of DFL production of Muga: worm-cocoon-moth-layings

EXPOSURE Visit

❖ A group of fourteen (14) students of B.Sc. 6th Semester (Major), Department of Zoology, B.N. College, Dhubri led by their faculty, Mr. Bhabesh Nath, Assistant Professor visited the laboratory space of GBP as part of an educational tour on 8 March, 2017. The visit was coordinated by Dr. Madan Gopal Barthakur, Senior Scientist and Dr. Ashma Begum, Research Associate of GBP during which the students were provided exposure to the various facilities and the instruments available in the park.

❖ A group of eighteen (18) students of B.Sc.

6th Semester (Major), Department of Botany, Mangaldai College, Mangaldai along with four (4) faculty members visited the laboratory space of GBP as part of an educational tour on 23 March, 2017. The visit was coordinated by Dr. Bula Choudhury, Senior Scientist, Dr. Madan Gopal Barthakur, Senior Scientist, Dr. Saurav Dey, Technical Officer and Dr. Ashma Begum, Research Associate of GBP during which the students were provided exposure to different equipment facilities and their applications in higher studies.



Exposure visit by students of B.N. College, Dhubri



Exposure visit by students of Mangaldai College

New ENTREPRENEUR

Dr. Supriyo Sen, Asstt. Professor (Biotechnology), School of Life Sciences, Assam Don Bosco University, Guwahati signed a Memorandum of Association (MoA) with GBP for modular laboratory space (650

sq. ft.) on 4 March, 2017 for the project entitled “Novel fermentation process for fragrant agarwood oil production”. The project has been sanctioned by BIRAC-Biotechnology Ignition Grant (BIG) scheme.

TRAINING PROGRAMS

Dr. Bula Choudhury, Senior Scientist, GBP undertook training on Muga seed production, cocoon processing, microscopic examination and

other associated processes for production of Disease Free Layings (DFLs) of Muga at Regional Muga Research Station, Central Silk Board, Boko.



Training on production of DFLs at Regional Muga Research Station, Boko

Seminars/Conclaves

❖ Dr. Bula Choudhury, Senior Scientist, GBP delivered a talk on the facilities of GBP in the one-day seminar cum industry-interaction meet on ‘Herbal & Allied Sciences’ organised by North Eastern Industrial & Technical Consultancy Organisation Limited (NEITCO), Guwahati, under the sponsorship of National Research Development Corporation Ltd (NRDC) at The

Landmark Hotels, Guwahati on 9 March, 2017.

❖ Dr. Madan Gopal Barthakur, Senior Scientist, GBP along with the intern students of Asian Institute of Management & Technology, Guwahati attended ‘Research Conclave-2017’ organised by IIT Guwahati from 17-19 March, 2017 on 18 March, 2017.

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