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GUWAHATI
BIOTECH PARK

Discovering Through Partnership



April - June 2022

Inauguration of Technology Incubation Centre (TIC) GBP

The new building of TIC GBP was inaugurated on 20th May 2022 by Shri Dharmendra Pradhan, Hon'ble Minister, Department of Education, Government of India, in presence of Dr. Himanta Biswa Sarma, Hon'ble Chief Minister of Assam and Shri Keshab Mahanta, Hon'ble Minister Science Technology and Climate Change Department, Government of Assam. Several other dignitaries including the Hon'ble Cabinet Minister for Education Shri Ranoj Pegu, Shrimati Queen Oja, Hon'ble MP, Prof. T. G. Sitharaman, Director, IIT Guwahati & Shri Kailash Karthik N, IAS, CEO of Guwahati Biotech Park were present in the ceremony.

The TIC, GBP is a state-of-art incubation centre which has been set up with the aim to help entrepreneurs and start-ups with facilities & mentorship that will help them in their entrepreneurial journey. The TIC is also equipped with the best-in-class conference rooms, auditoriums, meeting rooms, and all of these facilities are open to people looking for affordable prices and world class quality.

As part of the inauguration ceremony the Young Innovative Entrepreneur Award winners were awarded by the dignitaries. The State Science Awards for the year 2021 and district plantation drive Shyamalima Kamrup was also launched by the district administration. Several MoUs were exchanged between GBP & other notable institutions in the country, such as Numaligarh Refinery Ltd.; CSIR-NEIST; Royal Global University (USTM, Meghalaya; ABLE India; FINER; IBSD, Manipur and Atal Incubation Centre-BIMTECH, Noida.



The Assam Biotech Policy, 2022-27 was also launched during the inaugural ceremony. The Policy focuses on developing biotech infrastructure, improving biotech education, research and innovation, advancement in technology and entrepreneurship support, development of biotech industry, introducing business support cells, managing accreditations and quality certifications, Single Window Clearance through Nodal Agency, North East Vision Group on Biotechnology, and Centre of Excellence in Bioinformatics & Applied Biotechnology.

Dr. Himanta Biswa Sarma, Hon'ble Chief Minister of Assam also flagged off the Start-up Yatra Assam bus which will travel to various districts of the state where a one-day event will be conducted at an educational institute or incubation centre of repute.



Assam Biotech Conclave 2022

The Assam Biotech Conclave (ABC) was held in 21-22nd May 2022 as part of North East Research Conclave 2022, 20th-22nd May 2022 in collaboration with IIT Guwahati. The conclave saw active participation from people across the north east and also rest of India. A number of events were held as part of ABC 2022

STARTUP EXPO

The NERC expo was held in the cricket field of IIT Guwahati, where large number of organisations of national and regional importance participated. A total of 300 stalls were put up in the expo. The startup expo was part of the larger NERC expo. Aspiring entrepreneurs from all over the state thronged to the Assam Biotech Conclave to take part in the 'StartUp Expo'. Here, they put up their stalls and demonstrated their startup idea, and these ideas spanned across a variety of topics. A total of 72 stalls were put up as part of the startup expo with start-ups from various institutes like BioNEST, IBSD, NRL, OIL, GBP etc., participating.





Investors Pitch: Raise Money for Your Start-Up

A business pitching event named Investors Pitch: Raise Money for Your Start-Up was held during ABC 2022. A total of 42 companies / individuals participated in the event of which 15 were selected and invited for presentation during the event.

A number of noted investors evaluated the proposal, including

| Name | Company |
|--------------------------|--|
| Mr. Hari Balasubramaniam | Co-Founder-Ontrack Systems Limited Member, Indian Angel Network |
| Mr. Anuj Sharma | Founder & CEO Alsisar Impact |
| Mr. Nagaraja Prakasam | Partner, Acumen Fund |
| Ms. Ashna Rustagi | Sangam VC |
| Mr. Deepak Nagpal | Managing Partner India Accelerator |

Ouija Pac, represented by Dr. Supriyo Sen and Dr. Rituparna Buragohain which is a start-up graduated from GBP greatly impressed the investors and they bagged an investment from Mr. Hari Balasubramaniam of Indian Angels Network.



YOUNG INNOVATIVE ENTREPRENEUR AWARD

The Young Innovative Entrepreneur Award has been instituted to encourage and recognize innovation and entrepreneurship among budding Entrepreneurs who have done exceptionally well in their field and community as a whole. Innovations/concepts in the field of Biotechnology and related areas that have been realized and implemented in the industry either in new processes or products were given preference. Applications were invited in online mode and were screened to get a final list of 17 participants who presented their start-ups and concepts on 12th May 2022 during the online pitching event.

The jury members who evaluated the proposals during the online pitch were

1. Dr. Pranjal Phukan, Founder, Timbre Advisors Private Limited
2. Mr. Afreen Rahman, Entrepreneurship Specialist, Assam Agribusiness Growth Lab
3. Mr. Pankaj Baruah, Mentor, Assam Startup the Nest
4. Dr. Sofia Banu, Assistant Professor, Department of Bioengineering and Technology, Gauhati University.

The jury evaluated the proposals and awarded marks to each participant for various facets of their product/concept including Innovation, Marketing Potential, Revenue Model, Traction and Team Capabilities. The winners of the Young Innovative Entrepreneur Awards were

1. Best Young Innovative entrepreneur award - Dr. Siddharth Arora, Founder and CEO, Fermentec Labs, TIDES, IIT Roorkee
2. Best Young Women entrepreneur award - Dr. Anaya Barman, Founder and Director of Aranyam innovations Pvt Ltd, BioNest- IASST
3. Best Young Innovative entrepreneur award North East - Mr. Kaustoo Gopal Goswami, Dream Hives Pvt. Ltd., AAGL, Guwahati

The winners were awarded during the Inauguration of TIC GBP on 20th May 2022 by Shri Dharmendra Pradhan, Hon'ble Minister, Department of Education, Government of India, in presence of Dr. Himanta Biswa Sarma, Hon'ble Chief Minister of Assam and Shri Keshab Mahanta, Hon'ble Minister Science Technology and Climate Change Department, Government of Assam. The winners were awarded with a cash prize of Rs One Lakh each, along with certificates and mementoes. The winners were also offered Modular Laboratory facilities of GBP at subsidized rates to incubate at GBP



YOUNG MINDS CHALLENGE

The Young Minds Challenge was an Ideation event for school children to promote out of the box thinking and entrepreneurship. School children of standards 9-12 from throughout the state participated. 11 groups were selected for final presentation in the event where the selected students presented their ideas in front of a panel of judges. The judges were

1. Dr. Jaideep Baruah, Head I/C, S&T Division, ASTEC
2. Mr. Amitav Dutta, Agribusiness Incubation Specialist, CII.CO
3. Mr. Kankan Jyoti Kharghoria, Manager Community Outreach, IIM Kolkata Park, Assam Startup

The innovative and brilliant ideas that these young children presented ensured everyone in the room that the future of India is indeed very bright. The judges and audience thoroughly interacted with the children who presented their topics very enthusiastically and after much deliberation the judges selected the winners of the Young Minds Challenge.

1. **First Prize** Ashifteyar Rahman, Class 12, Axel Public School, Lokhora, Guwahati
2. **Second Prize** Barneel M Baruah, Bidushikar Chetia, Ivipriya Borkakoty, Pragyan Borah, Suraj Maurya, DPS ONGC, Ligoriguri
3. **Third Prize** Anuradha P Iyer, Pranamita Saikia, Vaishnavi Tripathi, Kendriya Vidyalaya IITG

The awards for the winners were a) Cash prizes (Rs 50,000/- for 1st prize winner, Rs 30,000/- for 2nd prize winner, Rs 20,000/- for 3rd prize winner), b) Trophies, c) Certificates and d) Dummy cheques. All other finalists were also provided with Certificates of participation and Trophies.



PANEL DISCUSSIONS

Eight panel discussions were held during ABC 2022 on multiple topics with expert panellists for each topic.

The Panel: Conundrum of incubators in India

The Venue: Conference Hall 01, IITG

The Panellists: Dr. Manish Diwan, Head-SPED, BIRAC; Cmdr. Amit Rastogi, Chairman and MD, NRDC; Dr. Anil Wali, FTT, IIT Delhi; Dr. Dilip Kumar, CEO BioValley-AMTZ; Dr. Mrutyumjay Suar, CEO, KIITBI

The highly accomplished panellists discussed the issues that start-up incubators face in India and each of them had very interesting takes on this issue. They also spoke about the growing start-up culture in India, and how now more than ever, start-up incubators play a crucial role in the overall growth of the business sector of India



The Panel: Ease of Doing Business for start-ups?

The Venue: Conference Hall 04, IITG

The Panellists: Dr. Geetima Das Krishna, Head, Northeast India Desk, Invest India; Mr. Bodhisattwa Sanhapriya, CEO IG Drones; Mr. Karan Thakur, VP-Public Affairs, Apollo Hospitals Group; Dr. Vishal Gandhi, Founder and CEO, BIORx ventures; Mr. Ruhail Amin, Senior editor, Business World

The panelists addressed and discussed the possible problems that a startup might face, and since they have all been a part of successful startups, they were able to break down these problems and provide some guidance to the aspiring entrepreneurs in the audience.



The Panel: Decoding Mentorship for Start-ups

The Venue: Conference Hall 01, IITG

The Panelists: Mr. Yogeswara Rao, Adviser, Office of the principal scientific adviser, GOI; Mr. Narayana Suresh, COO, ABLE India; Dr. V.K. Rai Scientist TDB; Dr. K Karthikeyan, CEO, NEATEHub; Dr. Namrata Mishra, Head-Technology Incubation, KIITBTI

Keeping in mind the current boom in startups, the panelists discussed the various ways that young and aspiring entrepreneurs should approach the hurdles in their startup journey



The Panel: 'Chasing Sustainability: The Role of Agritech'

The Venue: Auditorium, Guwahati Biotech Park

The panelists: Mr. Hemant Gaur, Promoter Director, Siddhivinayak Agri Processing Pvt. Ltd.; Mr. Nikhil Bohra, Founder, Krimanshi; Mr. Prakash Vivekananthan, Co-founder, Farmsys; Mr. Rohit Bajaj, Co-founder and CEO, Balwaan Agri; and Mr. Arijit Sarmah, Senior Manager, Regional incubation, CIIE.CO.

India primarily being an agrarian economy, the panelists discussed upon sustainable agricultural practices. This unique and informative discussion highlighted the various sustainable Agritech products and startups present in India.



The Panel: 'Smart Protein Opportunities in India'

The Venue: Auditorium, Guwahati Biotech Park

The panelists: Mr. GS Krishnan- President ABLE India; Mr. Krishna Mohan Puvvada, MD & Regional President, Novozymes South Asia Pvt Ltd; Mr. Krishna Kalyan - ED & COO, Laurus Bio; Dr. Ashish Paradkar - VP, Perfect Day; Dr. Navneet Deora - CTO, Blue Tribe Food; Dr Akshay Bhat - Sci & Tech Specialist, GFI

Protein is an indispensable part of daily diets and the panelists put forth the idea that protein can be sourced from vegetarian alternatives too. They spoke about the need for smart protein choices in the Indian market in particular, since as a large population and the majority of it are vegetarian. They also talked about some of the available smart protein sources and startups in the country.



The Panel: 'India at the cusp of MedTech Revolution' (Panel 1)

The Venue: IITG, Mini-auditorium

The panelists: Ms. Anuradha Acharya, CEO, Mapmygenome, Mr. Madhav Joshi of India Health Fund, Ms. Rajlakshmi Borthakur of TerraBluXT, Mr. Rohit Ghosh of Qure.AI, and Mr. Prithviraj Singh Chauhan, Founder, Backstage with Millionaires.

The Panel: 'India at the cusp of MedTech Revolution' (Panel 2)

The Venue: IITG, Mini-auditorium

The panelists: Dr. Shesheer Kumar, Founder, Huwel Lifesciences; Dr. Subhash Khanna, CMD, Swagat Hospitals; Mr. Arpit Paliwal, Director, Happy Reliable Surgeries Pvt. Ltd.; Dr. Gaurav Kharya, Clinical Lead, Indraprastha Apollo Hospital; and Mr. Prithviraj Singh Chauhan, Founder, Backstage with Millionaires

The panelists from both panel discussions spoke about the numerous developments in MedTech technology and also highlighted the areas in which future technology could help in saving lives greatly. They also spoke about the need to emphasize the importance of opting for made in India technology, because it not only helps boost the economy of the country, but also helps in cutting down the costs of medical procedures greatly.



The Panel: 'Spirit of Entrepreneurship in Young India'

The Venue: Auditorium, Guwahati Biotech Park

The panelists: Mr. Krishnan Ranganathan, Cofounder, Udhyam Foundation; Mr. Pratyush Mittal Founder, Screener.in; Mr. Pavan Allena, Founder, Metamorphosis; Mr. Deepak Reddy, a multipurpose harvester and Grassroot Innovator, and our youngest panelist, and fifteen year old Mr. Jay Shankarpure, Founder, Arthavruksha moderated the session.

The panelists spoke highly of the entrepreneurial spirit seen in young Indians of today, and also discussed the vast potential for startups to grow in a country like India. They also spoke about the hurdles they faced in their own startup journeys, and the ways they tackled them, which surely eased the minds of the young aspiring entrepreneurs in the audience.



SPECIAL SESSIONS

A special session was conducted by Dr. Anil Gupta, Founder Honey bee network & SRISTI on "Grass Root Innovations: Focus North-East". Dr. Gupta spoke about the natural wealth that North East India is blessed with, and the vast potential it presents. He also motivated the audience by encouraging them to think outside the box, because that is what truly ignites innovation in the human mind



The last session of the Assam Biotech Conclave was a special session by Mr. Nagaraja Prakasam, Partner Acumen Fund on "Triple Bottom line : NE can lead the way". A person greatly connected to nature, he spoke about the how; now more than ever we need to opt for a more sustainable way of living. He also highlighted the ways in which we can choose more environment friendly alternatives in our day to day life, and as an example of this, he pointed towards his trousers and surprised the audience by saying that they were made from banana leaves and fibers.



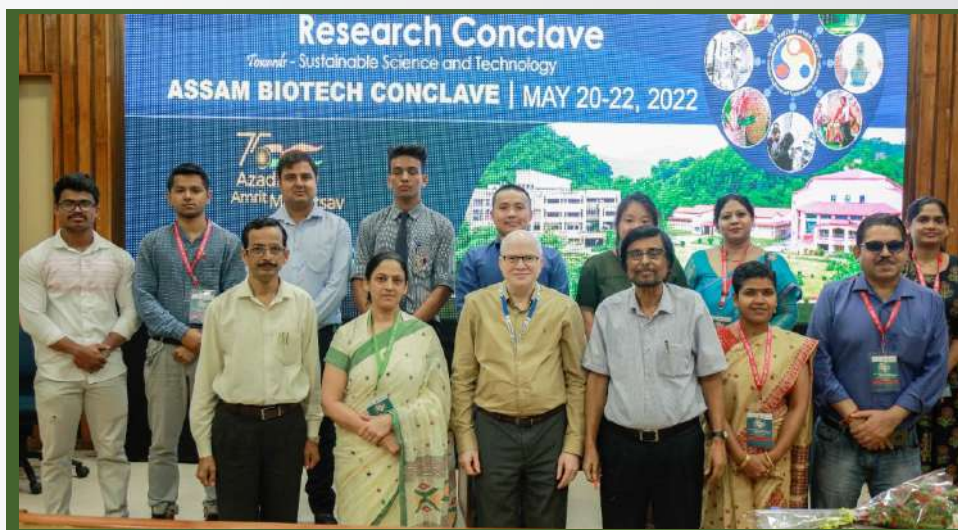
ASSAM BIO-INNOVATION FELLOWSHIPS

To encourage local talent to conduct breakthrough research in the State, the Government of Assam has launched "Assam Bio-innovation Fellowships" under the Biotechnology Policy for the State of Assam. The objective of these fellowships is to incentivize joint research programs of Assam based institutions with researchers pursuing doctoral and post-doctoral in Assam-specific life sciences research in institutes/universities of repute in India. The fellowships will consist of Five Lakh Rupees which will be provided to the winners in a milestone based manner.

A total of 73 applications from researchers across Assam were received for the fellowships and after screening for the same a total of 10 applicants were invited to present their research proposals for the fellowships. A distinguished jury consisting of

- 1) Prof. P.K. Iyer, Dean, Public Relations and Branding, representative of Prof. T.G. Sitharam, Director, IIT Guwahati
- 2) Prof. Mohan Chandra Kalita, HoD, Dept. Of Biotechnology, Gauhati University
- 3) Dr. USN Murthy, Director, NIPER Guwahati
- 4) Prof. Rakhi Chaturvedi, HoD, Department of Biosciences and Bioengineering, IIT Guwahati
- 5) Dr. Jaideep Baruah, Scientist, Head I/C, S&T Division, ASTEC
- 6) Dr. Bula Choudhury, Senior Scientist, GBP
- 7) Mr. Sunil Bharadwaj, Invitee member, GBP

The recipients of the Assam Bio Innovation Fellowships are Shri Ningombam Sanjib Meitei, Incubatee of Guwahati Biotech Park and Smt. Imnanaro, Research Scholar, IIT Guwahati.



Site visit to TIC, GBP and Bio Nest-IIT G

As part of NERC 2022 and ABC 2022 site visits were conducted for the interested students, participants and dignitaries for all facilities being offered by Guwahati Biotech Park and BioNest IIT Guwahati. Approximately 350 participants visited GBP during the two days of the conclave.



Closing ceremony of ABC 2022

The closing ceremony of NERC2022 and ABC2022 was held at the Bhupen Hazarika auditorium of IIT Guwahati. Shri Kailash Karthik N, IAS, CEO, GBP and convenor ABC 2022 addressed everyone present and started the ceremony by expressing his happiness and gratitude after seeing the success of the conclave that so many people had worked hard to organize since months. Shri Lok Ranjan, Secretary, DONER, Gol, was the Chief Guest at the closing ceremony of NERC 2022. Prof T.G. Sitharam, Director, IIT Guwahati also addressed the gathering and expressed his happiness in the successful conduct of NERC 2022. Prof. Vimal Katiyar, Dean R&D, IITG and Convenor, NERC also said a few words and praised everyone involved in the conduct of the conclave.

The awards for the best stalls in the Expo under various categories were announced and distributed. The awards for the winners of the young minds challenge during ABC 2022 and the Assam Bioinnovation Fellowships were also handed out during the closing ceremony of the event.

After the awards were distributed, Prof. Subhendu Sekhar Bag, Associate Dean, Research and Development (R & D), IIT Guwahati addressed everyone present and gave the closing note, thereby officially closing the biggest conclave of North East India, the Assam Biotech Conclave 2022



NEW INCUBATEES

M/S Rhomu Technologies Pvt Limited who have been funded for incubation support by Oil India Limited (OIL) has joined GBP as a incubate and will be working at GBP from a co-working Lab which has been designated for all such OIL funded start-ups who will be joining GBP as an incubate

IPR Awareness Programme

A webinar on IPR Awareness Programme was held in association with National Intellectual Property Awareness Mission (NIPAM) and KIIT TBI and was hosted by GBP on the 20th April 2022. Two speakers from the Kolkata Patent office graced the occasion and imparted knowledge on IP practices and other associated issues

IN COLLABORATION WITH

Guwahati Biotech Park, Kamrup, Guwahati, Assam

is organizing an Online Workshop or Awareness Program on

INTELLECTUAL PROPERTY RIGHTS (IPR)
Patent, Designs, Trademarks, Copyrights & Geographical Indication

under

NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION (NIPAM)

About the Program →

A National Intellectual Property Awareness Mission (NIPAM) under the initiative of the Government, "Jatka ha Aarti Mahila" has been launched by DPIIT on 6 December 2021. It aims to inculcate the spirit of creativity and innovation to students of higher education and inspired them to create innovative and intellectual property creations.

About KIIT-TBI TTO →

KIIT TBI Technology Transfer Office (KIIT TBI TTO) is one of the IITs under the National IPR Mission, National Intellectual Property Awareness Mission, Govt. of India. KIIT TBI TTO is building an innovation ecosystem in the Eastern region of India with the objective of facilitating tech transfer in collaboration with industry and academia.

About Guwahati Biotech Park →

"Guwahati Biotech Park" is an registered society with main objective of to provide self employment, to the start-up and small scale work for the underprivileged. Also to promote the economy of Assam through a focused and comprehensive approach on a few selected sectors to encourage new products of entrepreneurs to start diversified business units in the region.

Resource Persons

Dr. Pratik Ranjan Pradhan
Assistant Commissioner
Design India Patent Office,
Patent District Office

Dr. Dhanu Patra
Assistant Commissioner
Design India Patent Office,
Patent District Office

Organizing Committee

Patron

Shri Kishor Kumar
KIIT TBI TTO

Dr. Anurag Kumar
KIIT TBI TTO

Coordinator

Dr. Anurag Kumar
KIIT TBI TTO

Dr. Anurag Kumar
KIIT TBI TTO

20th APRIL | 11:30 - 1:00 IST

Platform: Webex
For Queries, Contact:
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Register Now → cutt.ly/IPR-GBP

A certificate of participation will be issued to all who attend.

Visit by faculty members of Department of BSBE, IIT Guwahati



Faculty members led by Prof. Rakhi Chaturvedi, Head, Department of Biosciences and Bioengineering, IIT Guwahati, visited GBP on 9th June 2022 to have an overview of the modular laboratories and instrumentation facilities offered in GBP to Startups and researchers.

Exposure Visits

15 Post Graduate students of Department of Zoology, Handique Girls' College along with faculties visited TIC on 30th June 2022 to have an insight of the facilities available at TIC, GBP.



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