



Department of Pharmaceuticals
Ministry of Chemicals and Fertilizers



Bio-NEST NIPER Guwahati

Newsletter

Bio-NEST NIPER Guwahati Incubation Centre

September 2025 Volume: 1



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From the Chairman's Desk

Greetings from Bio-NEST NIPER-Guwahati!

As we reflect on our journey since 2019, Bio-NEST NIPER-Guwahati, also known as the North-Eastern Societal Aspect for Translational Phytopharmaceutical/Herbal Research Incubation Center, has been dedicated to cultivating entrepreneurship in the phytopharmaceutical, herbal, and healthcare sectors.

Phase 1 (2019-2023) successfully established a strong foundation, and we are incredibly proud of the growth of our center and the significant achievements of our pioneering startups. Their success truly embodies the potential of guided innovation within Northeast India's rich biodiversity and traditional knowledge.

Now, as we enter Phase 2, our commitment to fostering a dynamic and resilient ecosystem is stronger than ever. We aim to be a comprehensive catalyst for innovators, providing access to mentorship, funding, advanced infrastructure, and expert guidance across the entire innovation value chain—from IP protection and regulatory navigation to technology transfer and market entry.

We are particularly focused on empowering entrepreneurs through robust IP and legal support, strategic mentoring, funding access, strong academia-industry linkages, and the respectful integration of traditional knowledge with modern science.

This newsletter celebrates our recent initiatives and highlights the successes of our Phase 1 incubatees, showcasing the transformative power of collaborative innovation in our region. We look forward with optimism to continuing our synergy with the entrepreneurial community, making meaningful contributions to healthcare advancement and sustainable economic growth for Northeast India and the nation.

Dr. USN Murty
Chairman
Bio-NEST, NIPER-Guwahati Incubation Centre



Welcome to Bio-NEST NIPER Guwahati Incubation Centre!



The value proposition of Bio-NEST NIPER-G:

Bio-NEST at NIPER-Guwahati is your ideal partner for biotech and pharmaceutical innovation. We provide aspiring entrepreneurs with expert mentoring and technical guidance from NIPER and other organizations, alongside crucial professional support for company formation, technology transfer, regulatory compliance, commercial assessment, branding, and distribution. This comprehensive approach ensures your scientific breakthroughs are strategically developed for market success.

Furthermore, Bio-NEST empowers the scaling and commercialization of your products through access to an upcoming GMP facility and assistance in securing financial aid from government schemes and seed funds. Our incubation center offers adaptable lab and office spaces, meeting facilities, a central instrumentation lab, and specialized rooms like animal and culture labs, all tailored to your evolving needs and availability. Join Bio-NEST at NIPER-Guwahati to transform your biotech vision into a thriving reality.

Background:

Development and sustainability rely on a conducive, innovative ecosystem. The historically underexplored North East India has rich, untapped natural resources with significant economic value for socio-economic advancement, especially for diverse ethnic communities. The North Eastern states (Assam, Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Tripura, and Sikkim) possess both natural wealth and vibrant cultures, positioning the region as a strategic gateway to Southeast Asia, enhanced by India's Look East Policy. The Indian government recognizes the North East's potential for bio-economy and its crucial role in national economic growth.

Opportunities:

While India's startup ecosystem is dominated by cities like Bengaluru, Delhi, Mumbai, and Hyderabad, the North East is emerging with its vast repository of untapped natural resources, offering significant potential for bio-based industries. The region is known for tea, petroleum, Muga silk, and rich biodiversity. Assam is a major natural gas producer with limestone reserves. The region's hills and forests offer diverse medicinal herbs, while Manipur is a leading bamboo producer. Meghalaya's diverse agriculture and floriculture, along with reserves of millets, rubber, and crude oil, position the North East as a potential innovation hub, driven by increasing government support and entrepreneurial spirit.

Challenges:

Entrepreneurs in the North East face significant challenges that hinder the growth of a robust startup ecosystem. Inadequate infrastructure, including poor transportation networks, unreliable power supply, and limited access to quality facilities, hampers business operations and scalability. Poor communication infrastructure, including limited internet connectivity and mobile network coverage in many areas, further isolates entrepreneurs and restricts their access to information, markets, and support networks. The lack of a well-developed startup ecosystem, characterized by limited access to venture capital, angel investors, and mentorship, makes it difficult for startups to secure funding and guidance. The region also suffers from low awareness of government initiatives and schemes aimed at promoting bio-innovation, and entrepreneurs often lack the knowledge and skills to navigate the application processes and access these resources. Additionally, the scarcity of experienced mentors who can provide industry-specific guidance and support in translating innovations into viable businesses poses a major obstacle. While the ecosystem is evolving with increased central and state government support, including dedicated startup schemes and the North East Special Infrastructure Development Scheme (NESIDS) for infrastructure projects, overcoming these multifaceted challenges is crucial for unlocking the region's full entrepreneurial potential.



Mr. Ankur Adhikary
Chief Executive Officer
Bio-NEST, NIPER-Guwahati Incubation Centre

“BioNEST NIPER Guwahati Expands Horizons: Phase II is Here!”

Dear Innovators and Entrepreneurs,

Greetings from the heart of Northeast India and the vibrant ecosystem of Bio-NEST NIPER-Guwahati!

Since 2008, the National Institute of Pharmaceutical Education and Research (NIPER-Guwahati), a premier institution established by an Act of Parliament, has been a beacon of exceptional pharmaceutical education and groundbreaking research. Nestled in this dynamic environment, Bio-NEST NIPER-G Incubation Center took root in 2019, blossoming through the generous support of BIRAC under the esteemed Bio-NEST Scheme.

We pause to express our sincere gratitude to the members of the Governing Committee and Technical Committee for their continued guidance and unwavering support, which have been instrumental in shaping our journey thus far. Your belief in our vision has been a constant source of inspiration.

We are thrilled to share a significant milestone: the successful completion of our first phase in June 2023. During this exciting period, we had the privilege of collaborating with 37 bright entrepreneurs and promising startups, witnessing their passion and potential firsthand.

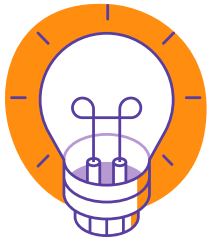
Now, with renewed energy and a strengthened commitment, we embark on our second phase. Our focus sharpens on cultivating groundbreaking innovation across the vital sectors of healthcare, life sciences, agriculture, and allied fields. We are dedicated to empowering a new wave of entrepreneurs, providing them with the resources and mentorship needed to develop and scale impactful enterprises.

We extend a warm and enthusiastic welcome to all new members joining the Bio-NEST NIPER Guwahati community. We believe that your unique perspectives and innovative spirit will enrich our collaborative environment and contribute to a thriving ecosystem of growth and discovery.

Together, let's forge ahead, fostering innovation and building a brighter future for Northeast India.

Warmly,

The Bio-NEST NIPER-Guwahati Team



Call for Incubation: Bio-NEST NIPER Guwahati Incubation Centre

Bio-NEST NIPER Guwahati
Call For Incubation

Are you an aspiring bio entrepreneur with a groundbreaking idea or early-stage startup?
Bio-NEST NIPER Guwahati is now accepting online applications for Incubation!

What we offer?
State-of-the-art incubation facilities
Co-working Space
Mentorship
Funding Assistance
Ecosystem Networking
Technical and R & D Support

Apply Now!

*Fees Exclusively Waived for Traditional Healers

Contact Us
bionest@niperguwahati.in

Visit Our Website
www.niperguwahati.ac.in

The Bio-NEST NIPER Guwahati Incubation Centre has launched its Call for Incubation for the year 2025, with limited slots still open. This is a prime opportunity for aspiring entrepreneurs and startups in the pharmaceuticals and biotechnology sectors to access a world-class platform to grow their ventures.

Our program offers a complete ecosystem of support, including access to state-of-the-art facilities, expert mentorship from industry leaders, and crucial business development assistance. We guide you through complex regulatory processes, intellectual property management, and connect you with potential investors to secure funding.

We are also proud to offer a special fee waiver for traditional healers, encouraging them to merge their rich knowledge with modern scientific advancements. This unique initiative provides a platform for collaboration and innovation.

If you have a promising idea, this is your chance to transform it into an impactful venture. Don't miss out on this opportunity to be part of a dynamic community.

Apply now by outlining your startup idea and research objectives through the link below:

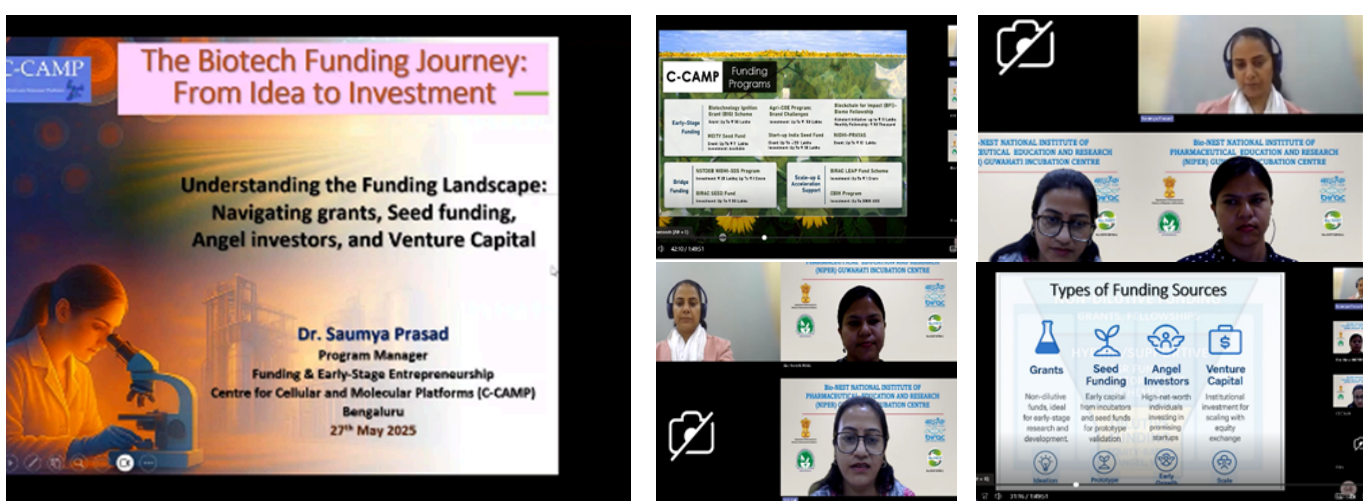
Apply here: <https://forms.gle/r9EtuyaoaUJH6q4k7>

For any further inquiries, feel free to reach out. We are excited to support the next generation of biotech innovators.

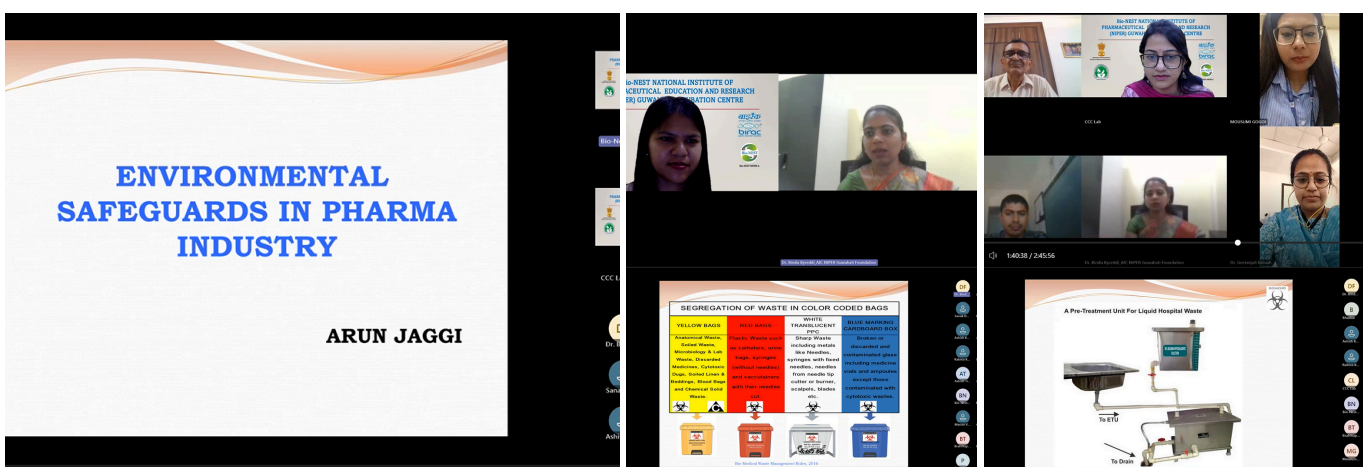
Online Awareness Sessions



Online Session: "World IP Day: The Importance of Intellectual Property (IP) in Fostering Innovation Across Industries (Tech & Healthcare)" was organized by Bio-NEST NIPER Guwahati Incubation Centre on 29th of April, 2025. **Guest Speaker: Mr. Debasish Dutta**, Manager, Bio-NEST CSIR NEIST, Jorhat, Assam.



Online Session on **"The Biotech Funding Journey: From Idea to Investment"** was organized by Bio-NEST NIPER Guwahati in collaboration with C-CAMP Bengaluru, Karnataka on 27th May 2025. **Guest Speaker: Dr. Saumya Prasad**, Program Manager, C-CAMP, Bengaluru



Online Session: "Environmental Safeguard in Pharma Industry": was organized by Bio-NEST NIPER Guwahati Incubation Centre on 17th of June, 2025. **Guest Speaker: Mr. Arun Jaggi**, Freelancer in Environmental Engineering & Short-Term Consultant with World Bank, Delhi

Startup sessions & Pitching Challenges



Online Pitching Session of Ideathon #5.0 was organized by Bio-NEST NIPER Guwahati on 20th May, 2025. **Mr. Kshetrimayum Anil Sing & Dr. Nameirakpam Bunindro Singh** were the 1st winner, **Mr. Ripunjay Kalita** was the 2nd winner and **Ms. Khundrakpam Ranicheitaniya** was the 3rd winner of Ideathon #5.0.



One-Day Workshop on "Startup Spectrum: From Idea to Company" was organized by Bio-NEST NIPER Guwahati on 29th July 2025. **Mr. Omkarnath Suprabhat Rath**, COO, Assam Startup, delivered an enriching session on "Developing an Idea to a Company - Perspective from an Ecosystem Enabler." **Mr. Biman Debnath**, Company Secretary, Biman Debnath & Associates, provided an incredibly clear and comprehensive breakdown of the legal and regulatory aspects of company formation.



"Prototype to Product Demo Challenge-2025" was organized by Bio-NEST NIPER Guwahati on 25th August, 2025. **Dr. Purusottam Mohapatra** was the 1st winner, **Mr. Surjeet Dhiman** was the 2nd winner, **Dr. Pawan Kumar Porwal** was the 3rd winner, **Mr. Krishnanga Kalita** was the 4th winner and **Dr. Deboja Sharma & Mr. Rana Mukherjee** were the 5th winner of the "Prototype to Product Demo Challenge-2025".

Bio-NEST NIPER-G Outreaching Programs



Outreaching activity with **Traditional Healers** of Meghalaya organized by **PRIME Start-up Hub Meghalaya**



Outreaching activity at **Lady Keane College, Shillong, St. Edmund's College Shillong** and **William Carey University**



Outreaching activity at **University of science & Technology, Meghalaya (USTM)** and **Martin Luther Christian University (MLCU)**

Bio-NEST NIPER-G Activities



Representation during **Advantage Assam 2.0 Summit 2025**



MoU signing with Ideathon#5.0 winners on 20 June 2025 at Bio-NEST NIPER Guwahati Incubation Centre



World Environment Day celebration at NIPER Guwahati campus on 5th June 2025



An interactive session on **"Bridging Traditional Knowledge and Modern Incubation"** featuring Traditional Healers from Meghalaya was organized by Bio-NEST NIPER Guwahati on 4th September, 2025



Outreaching interaction with **Assam startup**

Visitors at Bio-NEST NIPER-G



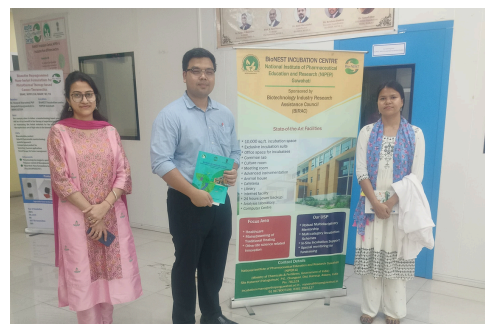
Shri. Amit Agrawal, IAS, Secretary, DoP visited Bio-NEST NIPER Guwahati



Mr. Jayant D. Patil, Director and Senior Executive Vice President (Defence Business), Larsen and Toubro Limited (LandT) visited Bio-NEST NIPER Guwahati



Dr. Purnima Sharma, Managing Director, Biotech Consortium India Ltd. (BCIL) visited Bio-NEST NIPER Guwahati



Prof. V. B. Patravle, ICT Mumbai and Dr. Setthapong Senarat (Ubon Ratchathani University, Thailand) visited Bio-NEST NIPER-G

Stay connected to BioNEST NIPER Guwahati!

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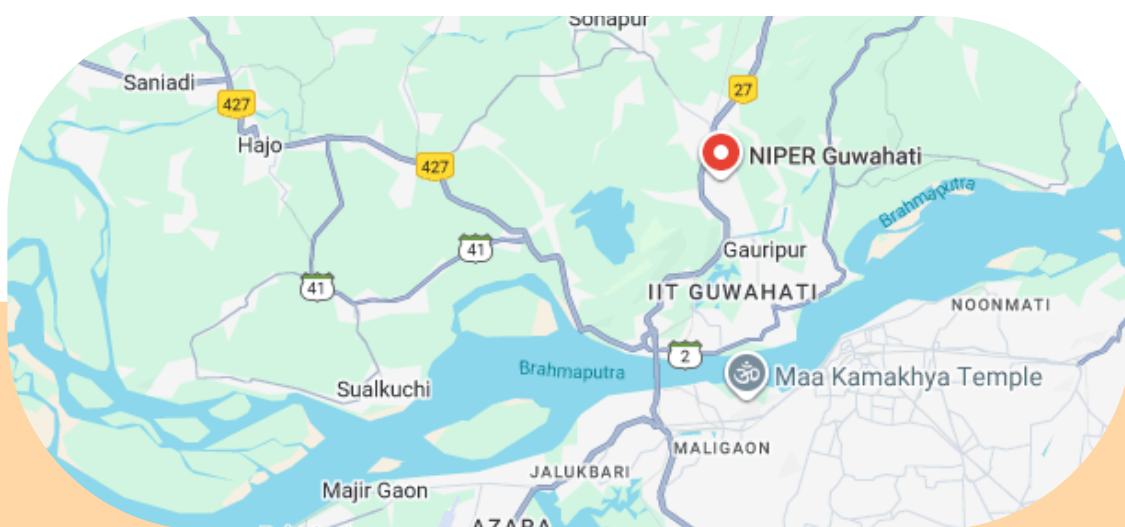
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