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ATAL INNOVATION MISSION

2024

NEWSLETTER OF AIC NIPER-GUWAHATI FOUNDATION

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AIC NIPER-Guwahati Foundation, NIPER-Guwahati Campus,
Changsari, Kamrup, Assam-781101, India.

FROM CHAIRMAN'S DESK

It is with great pleasure that I welcome you to the first edition of our newsletter. As a Chairman, I am honored to address our esteemed community and share my thoughts on our collective journey. Through this newsletter, we aim to showcase the reflection of our organization's spirit, emphasizing innovation, resilience, and a steadfast commitment to excellence.

NIPER-Guwahati stands as a beacon of excellence in both basic and applied research within the pharmaceutical sector. We take immense pride in maintaining these high standards, consistently pushing the boundaries of societal applications in pharma, healthcare, and medical device development. At NIPER-Guwahati, we are committed to establishing a unified platform that utilizes top-notch facilities and dedicated staff to benefit the North-East Region and the nation. Our **Bio-NEST Incubation Centre** has been operational for the past five years, supporting **37 entrepreneurs** and filing six patents. The **Bio-NEST NIPER Guwahati Incubation Centre** also supports 10 traditional healers from North East India in scientifically validating their products. The state-of-the-art incubation center is poised to bring about transformative changes in Healthcare, MedTech, and other bio-innovation sectors, including Secondary agriculture and allied areas. We firmly believe that this platform will motivate and enable the region's youth to explore opportunities in the healthcare and pharmaceutical sectors, promoting innovation and entrepreneurship. Our ecosystem will include innovators, entrepreneurs, mentors, technologists, policymakers, funding agencies, investors, legal experts, market professionals, and all other relevant stakeholders.

In 2023, we achieved a significant milestone with the establishment of the **Atal Incubation Centre (AIC)**, generously funded by the **Atal Innovation Mission (AIM) of NITI Aayog**, on the NIPER-Guwahati campus.

The Atal Innovation Mission (AIM) is a testament to the Government of India's dedication to fostering a culture of innovation and entrepreneurship.

As we embark on this journey together, let us uphold the values of collaboration, excellence, and forward-thinking that defines our organization. Together, we will continue to push the boundaries of what is possible, driving positive change in our community and beyond.



Dr. USN Murty
CHAIRMAN
AIC NIPER-GUWAHATI
FOUNDATION

AIC NIPER- GUWAHATI FOUNDATION

AN INCUBATION CENTRE



AIC
NIPER Guwahati
Foundation

AIC NIPER-Guwahati Foundation is committed in the pursuit of fostering innovation, entrepreneurship, and excellence, we stand proudly as a symbol of transformative change in the vibrant ecosystem of Guwahati. Guided by the spirit of collaboration and creativity, we strive to create a platform where ideas flourish, dreams take flight, and endeavors thrive.

At AIC NIPER-Guwahati Foundation, we are committed to nurturing the next generation of trailblazers, empowering them with the resources, mentorship, and opportunities they need to shape a brighter tomorrow.

With a focus on cutting-edge research, technology-driven solutions, and sustainable development, we are poised to make a meaningful impact not just locally, but on a global scale.

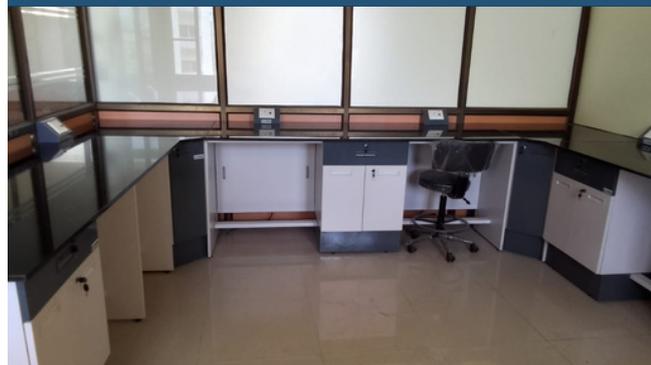
AIC NIPER-Guwahati Foundation is also trying to give support the Women Entrepreneurs of the North-Eastern region.

Sectors of Incubation

- Healthcare & Pharmaceuticals
- Biotechnology
- Agriculture and Allied Areas
- Waste Management & Sanitation

State of the art facility

- 10,000 sq.ft incubation space
- Incubation suite
- Office space for the incubatees
- Meeting room
- Common laboratory
- Cell Culture Room



Incubation Suite

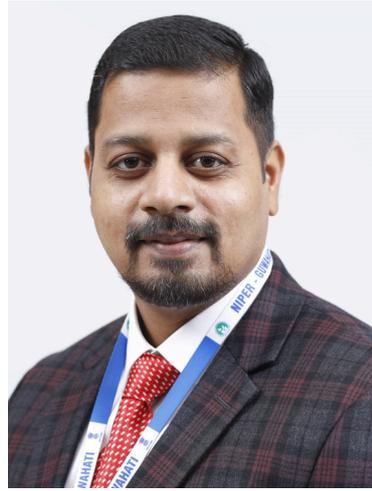
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TEAM MEMBERS



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CEO



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Incubation Manager



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Asst. Manager (Technical)



Mr. Prabhakar Bhuyan
Asst. Manager (Finance)



Mr. Pranab Kalita
Event Asst.



Mr. Bishwajit Das
Lab Maintenance

EVENTS OF AIC NIPER-GUWAHATI FOUNDATION

- The first event, conducted by AIC NIPER-Guwahati Foundation was **“Awareness program on Intellectual Property Rights”** on 27th June, 2023. The Keynote Speaker was **Prof. H Purushoatham**, DPIIT-Chair Professor, Govt. of India.



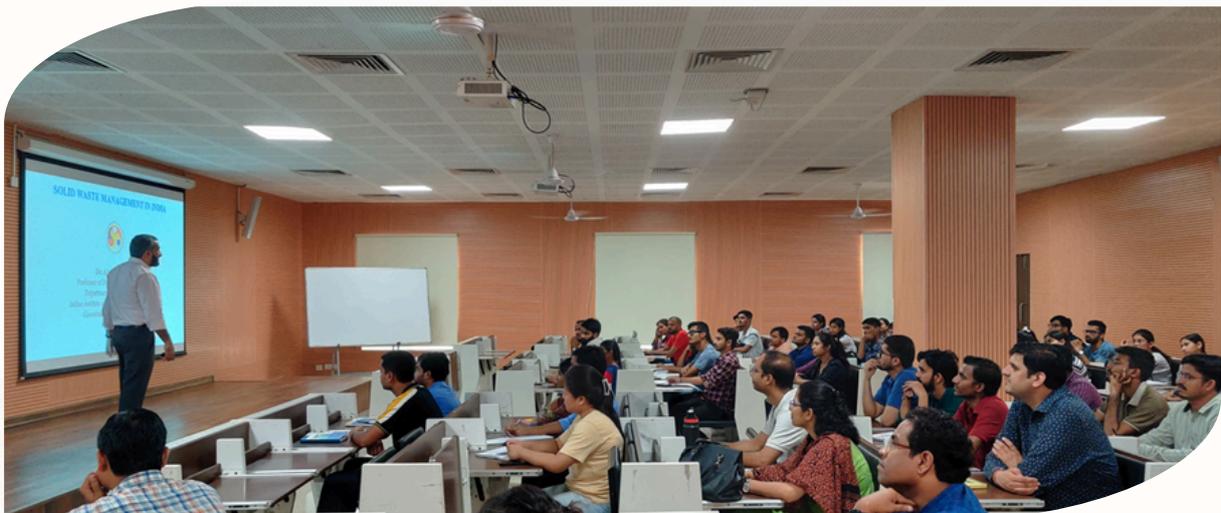
This awareness session aimed to educate participants about the importance of Intellectual Property Rights for protecting their innovations and facilitating commercialization. More than 90 participants took part in the session.



INTERACTIVE SESSION

World Environmental Health Day

AIC NIPER-Guwahati Foundation organized a physical interactive session on **“Waste management in North-East and Guwahati”** on 26th September 2023 . The Guest speaker was **Prof. Ajay Kalamadhad**, Professor, Department of Civil Engineering, IIT Guwahati.



In Northeast India, waste is often carelessly disposed of into dumpsites without proper processing or treatment. These dumpsites are not scientifically designed, constructed, or operated, leading to a serious waste issue. This awareness session aims to educate participants on the severity of this problem in today's world and how they can contribute to solving it through their innovative recycling ideas.

SEMINAR

National Entrepreneurship Day

AIC NIPER-Guwahati Foundation on the occasion of “National Entrepreneurs Day 2023” organized an Expert talk on “Needs, Relevance and Facets of Entrepreneurship Development and Startups” held on 9th November 2023.



**ATAL INCUBATION CENTRE
NIPER-GUWAHATI FOUNDATION**
Supported by Atal Innovation Mission, NITI Aayog
Govt. of India

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AIA
ATAL INNOVATION MESSI

ORGANIZING A SESSION
ON
**NATIONAL
ENTREPRENEURSHIP DAY**

09 NOV, 2023
THURSDAY
10:30AM

Resource Person
Dr. Sriparna B Baruah
Advisor (Livelihoods and
Entrepreneurship) NEHHDC
Retd. Head - Centre for
Industrial Extension, IIE,
Guwahati, Assam

Register Now:
<https://forms.gle/WWs6iGpw18X1ukbL8>

Venue:
Auditorium hall
NIPER-Guwahati

Dr. Sriparna Baruah opined that North-East offers opportunities for entrepreneurs in Tea, organic products, Muga silk, castor oil, bamboo and cane furniture, ginger, fruits, traditional herbal medicine, jute, home furnishing, handicrafts etc. Using above mentioned resources one can proceed for their entrepreneurship journey in North-east India, and also boosts the economy of the region.



WORLD DIABETES DAY

14TH NOVEMBER, 2023.

Team AIC NIPER-Guwahati along with NIPER-Guwahati Students organized a **Diabetes awareness rally** near Changsari Market area. More than 54 students and faculty has participated in the rally.



Health Screening Camp at NIPER-Guwahati Campus with the help of Faculty and Students of NIPER-Guwahati. A total of 76 participants registered and checked their health status.

Dr. Krishna Undela, Coordinator of AIC NIPER-Guwahati Foundation, initiated the expert talk session with a warm welcome address. The guest speaker was **Dr. Kanhaiya Singh**, Associate Professor at the McGowan Institute of Regenerative Medicine, University of Pittsburgh, USA. His topic was "**Targeted gene epigenetic editing to rescue diabetic ischemic tissue.**" More than 100 participants participated in the session.

ORGANIZING A SESSION ON
WORLD DIABETES DAY

Title of lecture:
Targeted Gene Epigenetic Editing to Rescue Diabetic Ischemic Tissue

14 NOV, 2023
TUESDAY
11:30AM

Resource Person
Dr. Kanhaiya Singh
Associate Professor
McGowan Institute for Regenerative Medicine (MIR)
Department of Surgery
University of Pittsburgh
Pittsburgh, PA - 15219, USA

Venue:
SEMINAR HALL,
NIPER-G

LEARNING SESSION

Tea awareness program



An interactive session on the “**Opportunities in the value chain of tea and contributions in the Bio-innovations of tea industry**”.

was held on 15th December, 2023 to celebrate the “**International Tea Day**”. More than 60 participants has participated in the session. Speaker of this session was **Mr. Abhijit Hazarika**.

AIC NIPER-Guwahati Foundation organized a speech session on “**Integration of Evolving Technologies in Healthcare and Surveillance**” by **Mr. Tarun Gupta**, Director, VaidyaRX Pvt. Ltd., IIT Delhi. on 12th October, 2023. More than 110 participants had participated there.



AIC NIPER-Guwahati Foundation organized an Expert talk on “**Access to affordable medicine and Promotion of Rational Therapeutics**” on 7th March, 2024. The Keynote speaker of the event was **Prof. (Dr.) N.R. Biswas**, Vice Chancellor Sri BALAJI VIDYAPEETH, Pondicherry. The event not only highlighted the importance of accessible healthcare but also served as a platform for knowledge dissemination and collaboration among stakeholders.

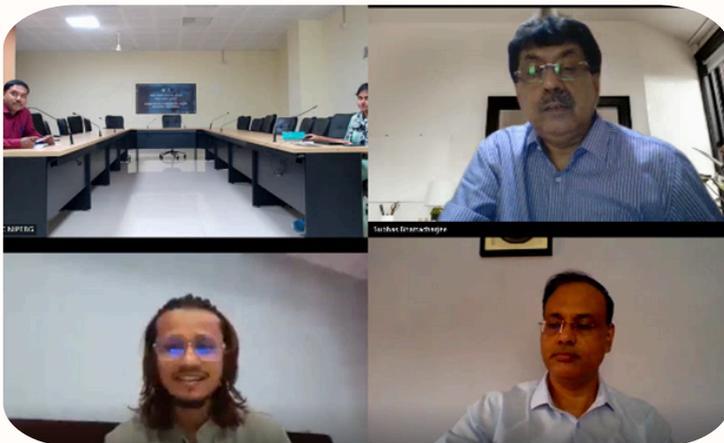


ONLINE PITCHING SESSION

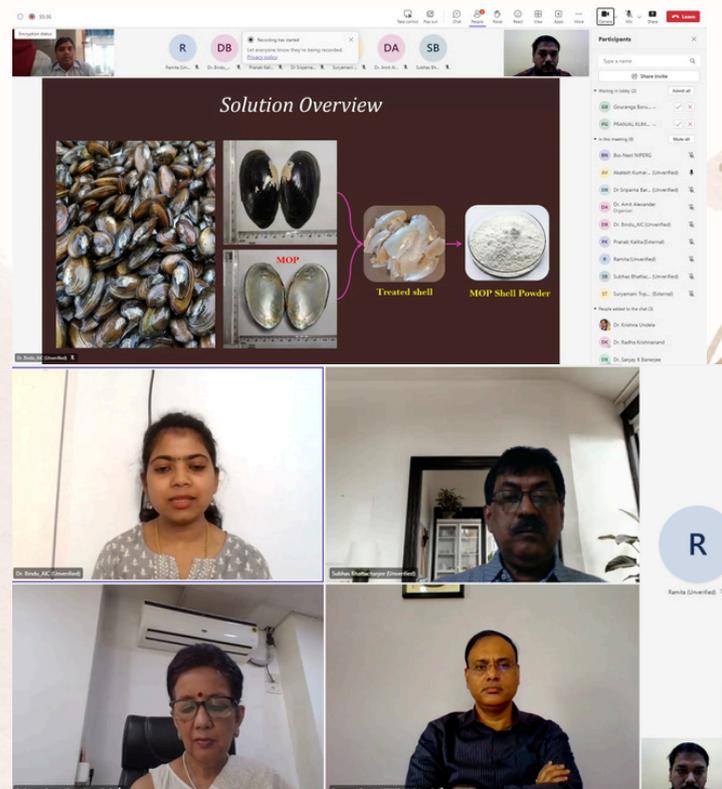
AIC NIPER-Guwahati Foundation conducted an online pitching session for the support of Women entrepreneur on 11th March, 2024. A total of 9 applications were selected for **Women Support Fund**. From their 3 top participants have got the financial support fund of **Rs.1,00,000/-** each for development of prototypes. And also got prize money.



The AIC NIPER-Guwahati Foundation organized an online pitch session on the MSME Support Fund on March 19, 2024. A total of 12 applications were shortlisted for the **MSME Support Fund** pitching round. Of these, 5 top participants were selected for financial support of **Rs. 1,00,000/-** each for the development of prototypes.



AIC NIPER-Guwahati Foundation organized **Innovate -a- Thon (Series 1)** program on April 26, 2024 through online mode to support Pre-incubation. The winners will get a pre-incubation support of **Rs. 50,000/-**. This Support Fund program was designed to offer recognition and financial support to innovators and entrepreneurs working in the bio-business sector or facilitate a promising technology idea that can be converted into a handy business within a defined time limit.



TRAINING SESSION

A hands-on training session on “**Next Generation Sequencing Principle, Chemistry and Analysis**” was organized by AIC NIPER-Guwahati Foundation on 10th April 2024 for students and researchers. **Dr. Bhabatosh Das**, a professor at the Translational Health Science and Technology Institute (THSTI) was leading the training session. 40 students participated in the session, which aimed to provide an overview of parallel sequencing techniques, and how millions of DNA fragments can be simultaneously sequenced efficiently and rapidly.



IP AWARENESS PROGRAM

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**ATAL INCUBATION CENTRE
NIPER-GUWAHATI FOUNDATION**
Supported by Atal Innovation Mission, NITI Aayog
Govt. of India




Dr. Deepanwita Chattopadhyay,
Chairman & CEO of IKP
Hyderabad,

A Session
on
*“The role of IP in advancing
Innovation in India”*



April
30 Tuesday, 30th April, 2024
Time: 03:30 pm

 Seminar Hall,
NIPER-Guwahati



AIC NIPER-Guwahati Foundation organized an expert talk on “**The role of IP in advancing innovation in India**” on 30.04.2024. The Keynote speaker of the event was **Dr. Deepanwita Chattopadhyay**, Chairman, CEO of IKP, Hyderabad. 50 participants participated in the program. During the program, participants, incubatees, and startups will be educated on the importance of intellectual property rights for fostering economic growth.



CEREMONY OF MoUs SIGNING

A felicitation program was organized for the winners of the Women Support Fund & MSME Support Fund program by AIC NIPER-Guwahati Foundation on 30.04.2024. All the winners have officially signed a **Memorandum of Understanding (MoU)** with Atal Incubation Centre NIPER-Guwahati Foundation.



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