

NIPER Guwahati

Wrissant



INSTITUTE HIGHLIGHTS

Pharmacy Practice Dept. Designated as Technical Resource Centre for Evidence-Based Guidelines



The Department of Pharmacy Practice at NIPER Guwahati has been selected as a Technical Resource Centre (TRC) for the Centre for Evidence for Guidelines under Department of Health Research, Ministry of Health and Family Welfare, Government of India. This prestigious designation recognizes the department's expertise in conducting Systematic Reviews and Meta-analyses.

As a TRC, the Department of Pharmacy Practice will play a crucial role in developing and promoting Evidence-Based Guidelines, ultimately enhancing the adoption of evidence-based practices in healthcare throughout India. This significant initiative will receive financial support of Rs. 20 Lakhs per year, enabling the department to further its impactful work.

Student Awards at National Conference



NIPER Guwahati students Mr. Adesh Mishra and Ms. Chippy Anna Joy have recently won awards at the Cardiovascular Research Convergence (CRC) 2024.

Mr. Adesh Mishra, a 2nd-year M.Tech student in the Dept. of Medical Devices, won the Best Poster Presentation award. Mr. Mishra's innovative research, conducted under



the guidance of Dr. Saurabh Kumar, Assistant Professor, focuses on ultra-thin, skin-conformable tattoo electrodes for non-invasive ECG tracking. This groundbreaking work represents a significant advancement in wearable healthcare technology and offers the potential for seamless, continuous cardiac monitoring. Chippy Anna Joy, a PhD scholar, has

In this newsletter
you can expect:

Institute
Highlights

Events

CoE
inauguration by
Hon'ble Prime
Minister

Seminars &
Workshops

Students' Corner

received the prestigious Prof. SK Maulik Award for Best Oral Presentation (Basic Sciences) at the conference. Ms. Joy presented her groundbreaking work on "The regulatory role of placental microRNAs in hypertensive disorders of pregnancy," demonstrating the department's strong commitment to advancing maternal health research.

EVENTS AT A GLANCE

16th Foundation Day



The 16th Foundation Day celebration of NIPER-Guwahati, held on September 16, 2024, was a momentous occasion marked by the presence of esteemed dignitaries. The event was graced by the Chief Guest Dr. Jitendra Sharma, MD & Founder CEO of AMTZ-Vizag, and the Guest of Honour Dr. Subhash Khanna, Chief Medical Director of Swagat Hospital, Guwahati. Other notable figures included Dr. USN Murty, Director of NIPER-Guwahati, along with guests from nearby organizations.

The event saw active participation from all faculty, staff, and students of NIPER-Guwahati, with over 500 attendees who came together to celebrate the institution's growth and contributions to education and research in the pharmaceutical field. The celebration highlighted the significant milestones achieved by NIPER-Guwahati over the years and its ongoing commitment to excellence in pharmaceutical sciences.

The day's events included inspiring speeches by the dignitaries, reflecting on the journey of

NIPER-Guwahati and its impact on the scientific community. Attendees had the opportunity to engage in discussions, network with peers, and celebrate the institution's achievements.

This Foundation Day celebration underscored NIPER-Guwahati's role as a leading institution in pharmaceutical education and research, fostering innovation and contributing to the betterment of society.

Health Camp

A Health Camp organized by GNRC Hospital was held on September 21, 2024, at the NIPER-Guwahati campus, aimed at promoting the well-being of faculty, staff, and students. The camp provided various medical check-ups and consultations, ensuring that the campus community received vital health services.

Approximately 100 participants, including faculty, staff, and students, benefited from this initiative, which reinforced the institution's commitment to the health and wellness of its members. The health camp offered a range of medical services, including routine check-ups, consultations, and preventive screenings,

addressing the diverse healthcare needs of the community. Participants expressed their appreciation for the health camp, noting the convenience and importance of having access to such comprehensive healthcare services on campus. The collaboration between NIPER-Guwahati and GNRC Hospital exemplifies their dedication to fostering a healthy and thriving campus environment.

This initiative by NIPER-Guwahati Foundation underscores their ongoing efforts to prioritize the health and well-being of their community, ensuring that faculty, staff, and students have the resources and support they need to maintain their health.



Inauguration of CoE on Phytopharmaceuticals by Hon'ble Prime Minister



The Inauguration of the Centre of Excellence (CoE) on Phytopharmaceuticals, held on October 29, 2024, was a significant event for NIPER-Guwahati, conducted via online mode and graced by the Hon'ble Prime Minister Shri Narendra Modi. The event also featured Dr. USN Murty, Director of NIPER-Guwahati, and Shri Gaurav Chaudhary, a representative from the Department of Pharmaceuticals, as key dignitaries.

The inauguration was attended by over 500 faculty and staff members, marking the launch of a state-of-the-art center focused on advancing research and development in phytopharmaceuticals. This initiative further underscores NIPER-Guwahati's commitment to innovation and excellence in the pharmaceutical field.

The new Centre of Excellence aims to push the boundaries of research in phytopharmaceuticals, harnessing the therapeutic potential of plant-based compounds to develop new and effective treatments.



The inauguration ceremony included presentations on the center's objectives, potential research projects, and collaborative opportunities with other institutions and industry partners. This milestone event not only highlights the strategic vision of NIPER-Guwahati but also paves the way for significant contributions to the field of phytopharmaceuticals, fostering an environment of cutting-edge research and development.



Awareness Rally on Breast Cancer



A Breast Cancer Awareness Rally organized by AIC NIPER-Guwahati Foundation on October 29, 2024, saw participation from 66 students across various departments of NIPER Guwahati, alongside faculty members Dr. Neh Nupur and Dr. Uday Kiran Roopavath. The rally successfully raised awareness about breast cancer in the local market area of Changsari, Assam.

The primary objective of the “Breast Cancer Awareness” rally, organized in association with NIPER Guwahati, was multifaceted, aiming to raise critical awareness about breast cancer. The goal was to educate the community about the importance of regular screenings and early detection in combating breast cancer. By marching through the market area, participants aimed to reach a wide audience, spreading crucial information and encouraging proactive health measures.

Constitution Day



NIPER-Guwahati Foundation observed Constitution Day on November 26, 2024, with a preamble reading ceremony conducted by the faculty and staff. This event was held to honor the adoption of the Indian Constitution and to reflect on the values of justice, equality, and liberty it upholds.

Sexual Harassment of Women at Workplace Prevention Week

NIPER-Guwahati observed the Sexual Harassment at Workplace Prevention Week on December 9, 2024, in alignment with a directive from the Ministry of Women & Child Development, Govt. of India. The event featured an awareness talk to inform students, staff, and faculty members about preventing sexual harassment, discrimination, and any misconduct at the workplace in compliance with the POSH Act 2013, aimed at creating a safe working environment free from sexual harassment for working women.



Dignitaries at the event included Prof. Polly Vauquiline, from the Department of Women's Studies at Gauhati University. The event was attended by faculty, staff, and students, with a total of 70 participants.

The awareness talk emphasized the importance of understanding and implementing the provisions of the POSH Act to ensure a safe and respectful workplace for everyone. Participants engaged in discussions on best practices for preventing harassment and fostering a culture of respect and equality within the institution.

Bharat Biotech CEO Dr. Krishna Ella's visit

Dr. Krishna Ella, CEO of Bharat Biotech, paid an official visit to NIPER-Guwahati on October 22, 2024. During his visit, Dr. Ella interacted with faculty and students, sharing valuable insights about his journey to success in the biotechnology field.

He discussed the challenges and achievements in his career, offering inspiration and guidance to the

students and faculty present. His visit provided a unique opportunity for the NIPER-Guwahati community to engage with an industry leader, fostering an exchange of knowledge and motivation for future innovations in biotechnology.



Dr. Ella's discussions covered various aspects of his professional journey, including the development of groundbreaking vaccines and his contributions to the biotechnology industry. The interactive sessions allowed attendees to gain a deeper understanding of the complexities and rewards of a career in biotechnology.

This visit by Dr. Krishna Ella emphasized the importance of industry-academia collaboration and highlighted the role of NIPER-Guwahati in nurturing future leaders in the field of biotechnology.

CSIR-IICT Director's visit



Dr. Srinivasa Reddy, Director of CSIR-IICT Hyderabad, visited NIPER-Guwahati on December 2, 2024. He was warmly welcomed by Dr. USN Murty, Director of NIPER-Guwahati. During his visit, Dr. Reddy engaged in discussions with senior faculty members of NIPER-Guwahati, exploring potential areas of collaboration and knowledge exchange. The visit aimed to strengthen ties between NIPER-Guwahati and CSIR-IICT, fostering opportunities for research and development in the pharmaceutical and chemical sciences.

SEMINARS & WORKSHOPS

Training Programme



A laboratory visit and training programme was organised by the Dept of Biotechnology on 5th September 2025 where nearly 90 students from local institutes participated. The programme aimed exploring the ongoing research activities in various departments of NIPER Guwahati. The training program also facilitated networking with eminent professors and scientists at NIPER-Guwahati for research collaborations.

Research Facility Training: Hyphenated Techniques and Its Applications



A research facility training on hyphenated techniques and its applications was conducted on 6th September 2024 organised by the Dept of Pharmaceutical Analysis. The objectives of the program was to provide hands-on training on the various analytical instruments available at NIPER Guwahati, discuss the ongoing research activities in the various departments of NIPER Guwahati, and to facilitate networking with eminent professors and scientists at NIPER Guwahati for research collaborations. Overall, the training program aims to enhance participants' practical skills in using analytical instruments and to foster research collaborations through discussions and networking opportunities.

Seminar on Anti-Cancer Drug Discovery

NIPER Guwahati conducted a seminar on anti-cancer drug discovery under DST-SERB's Scientific Social Responsibility on 8th October 2024. Nearly 125 students from local colleges participated at the programme. The outcome of the programme included awareness on cancer and Cancer Drug Discovery Techniques, AI in cancer drug Discovery, Commentary and alternative therapy for cancer treatment, Introduction to New Therapies and Technologies, and Research Collaborations.



Webinar on Empowering Innovation: IP and Tech Transfer Insights

A webinar on "Empowering Innovation: IP and Tech Transfer Insights" was conducted on hybrid mode on 19th October 2024 at NIPER Guwahati.

The hybrid session saw enthusiastic participation from both online attendees and students. The Guest Speaker, Mr. Shivakumar R., Founder & Managing Attorney of Shiv & Attorneys, shared his expertise on effective IP strategies, the basics and types of patents, best practices for patent drafting and prosecution, and real-world case studies of successful IP and technology transfer projects. His talk also addressed common challenges in IP management and provided actionable solutions. The event left participants well informed and inspired, reinforcing our commitment to fostering innovation.

Online Pitching Session on Waste Management

An online pitching session for the shortlisted applicants for the call under Waste Management Sector was conducted by AIC NIPER Guwahati Foundation on 28th October 2028.

The session highlighted several innovative solutions to tackle pressing waste management issues. Applicants addressed a range of problems, from environmental pollution due to solid and agricultural waste, to inefficient irrigation and high production costs in farming. Proposed solutions included tools for better waste collection from water bodies, sustainable practices for managing agricultural residues, and innovative approaches to recycling and reusing materials.

The programme also covered development of IoT enabled smart bins for efficient waste monitoring, a system for recycling medicine waste to reduce environmental impact, and sustainable 3D printing materials using recycled plastics. These solutions demonstrated the potential for reducing greenhouse gas emissions, improving soil health, and promoting sustainable agricultural practices. The session underscored the importance of effective waste management strategies in combating climate change, enhancing sustainability, and improving overall public health. The enthusiastic participation and diverse proposals showcased the innovative spirit and commitment to creating a greener, more sustainable future.

Prof. Ajay S. Kalamdhad, Professor from Dept of Civil Engineering, IIT Guwahati and Mr. Tanu Sonowal, Senior Manager, Feedback Foundation acted as the jury members for the event.

कब से मैं अकेला हूँ

दुनिया के समन्दर में एक मोती हूँ
या हूँ मैं बस हर बार फिसलता रेत
हूँ मैं अमावस की रातों का अंधेरा
या झरोखों से निकला छोटा प्रकाश हूँ
मगर हूँ यहां जो भी हूँ हर कदम अकेला हूँ
शायद खुद को भी मालूम नहीं कब से मैं अकेला हूँ ॥

ज़मीं पर कदम पड़े तो रोता मैं अकेला
ख्वाब में सिर्फ मैं ,बन्द कोमल आंखों में
नन्हें पांव लड़खड़ाए फिर सिर पड़े ज़मीं पर
फिर उठकर दुनिया नापना चाहा तो मैं अकेला
उठने में अकेला चलने में अकेला
उंगलियां रही स्नेह भरी हथेली में फिर भी
डरावने सपनों में मैं रहा अकेला
शायद खुद को भी मालूम नहीं कब से अकेला हूँ ॥

पाठशाला में दोस्तों के ना रहने पर
और हर शाम को वापसी के सफर में
दोस्तों की टोली ना होने पर पाया मैं खुद को अकेला
खेल में गेंद से अकेले खेलता
खेलने वाले आए छलिया पास हमारे
परखने चला उन्हें तब भी रहा मैं अकेला
परीक्षा की घड़ी में समन्दर में कस्ती सा रहा

रहा जीवन की कस्ती में लहरों से लड़ता अकेला
शायद खुद को भी मालूम नहीं कब से मैं अकेला हूँ ॥
थोड़ा इज्जत कमाने चल निकला इस वन में
खुद को एक सम्मान दिलाने चल निकला
जब रहा कामयाब शिखर पर तब तालियां बहुत रही
मगर जब गिरा तो पतझड़ के पत्तों सा बेहया अकेला
मन की गुत्थियां सुलझाने में उलझा रहा
उलझती हुई संकटों में फंसता रहा अकेला
जिंदगी के मोड़ पर कई रास्ते दिखे
लोगों की चाह रही की हम पहले डगर से बड़े
उस वक्त भी मैं पाया खुद को दूसरे सफर में अकेला
सब रहे अभी भी है पास मेरे ,
कुछ दिखावे में तो कुछ दिल से है साथ मेरे
मगर इन सबके होने के बाद भी मैं
कहीं ना कहीं पाया खुद को अकेला ॥
शायद हर इंसान अपनी मन की दुनिया में
कहीं ना कहीं महसूस करता होगा खुद को अकेला
हां शायद ये अकेलापन हमें संभलने का ,अकेले जीने का
हर दुख से उबरने का सीख दे जाता है
हां मेरे दिल ने भी महसूस किया की जरूरी है
रहना जिंदगी में कभी कभी अकेला
वक्त ढलता गया सूरज की तरह मगर
मालूम ना हुआ की कब से मैं अकेला हूँ ॥

"Echoes of Emotions: A heartfelt Shayari by Adesh Mishra, M. Tech student, Department of Medical Devices, NIPER Guwahati."

Editorial Board

Chairman

Dr. Amit Alexander

Member Secretary

Mr. Tapan Nath

Members

Dr. Pawan Porwal

Dr. Naveen Chella

Dr. Krishna Undela

Dr. Awanish Mishra

Dr. Uday Kr. Roopavath

Mr. Srikanta Sahu

Dr. Pintu Das

Mr. Abhijit Rajkhowa

Mr. Rohit Kr. Shaw

Sub Editors (Students)

Ms. Nainsy Rajpoot

Mr. Rathod Mahesh

Mr. Fayiz ul Haq

Mr. Pavan Kr. Sathala

Ms. Prajakta Bule