



Motivational Space



THE 'MOON MAN OF INDIA'

Professor Jitendranath Goswami also known as the 'moon man of India' is one of the renowned scientists of the globe who served as director of Physical Research Laboratory (PRL), India. His research encompasses studies of the origin and early evolution of the solar system, solar stellar relationship, energetic particles in space, evolution of moon, asteroids and meteorites and geochronology. Prof. Goswami was the principal scientist of India's moon mission, Chandrayaan-1, and was involved in formulation of the Science goals of the Mars Orbiter Mission. He is also referred to as the "moon man of India" because of his involvement with the Chandrayaan-1 lunar project. He has received various awards and honors that include INSA Young Scientist award, Young Associate of Indian Academy of Sciences, the NASA group achievement award and the Shanti Swarup Bhatnagar Award in earth and planetary sciences. For his contributions to science and technology, the President of India bestowed upon him the prestigious civilian honor of "Padma Shri" in 2017. He is an Assamese boy, born in Jorhat on November 18, 1950.

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Activities



NEMCARE
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Zonal Championship

Organized by Makeintern
In Association with Ecell IIT Hyderabad

29th to 31st August 2024
NEMCARE GROUP OF INSTITUTIONS, MIRZA



Pharmacy

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ZONAL CHAMPIONSHIP

From August 29th to 31st, 2024 a zonal competition was organized for the Bachelor of Pharmacy students by the Training and Placement Cell at NGI in collaboration with Makeintern and E-Cell IIT Hyderabad, specifically for B Pharm 5th Semester students. A total of 64 students participated in the competition. This event showcased the exceptional talent and dedication of our students. After rigorous screenings for 3 days, five outstanding candidates were selected to advance into the final round to be held at IIT Hyderabad. The students selected were- Mr. Dhritiman Kashyap, Ms. Pratiti Bharali, Ms. N.gurang Niju, Ms. Nikhita Das and Mr. Dishant Sarmah.



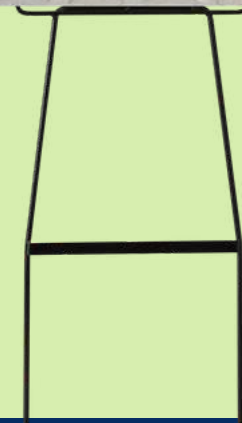
Discussion on Placement Policy



On August 5th, 2024, Mr. Kangkan Deka, the Chairman of Training and Placement (T&P), delivered an insightful and comprehensive lecture on the T&P policy to the newly joined students of the Master in Hospital Administration program. During his address, Mr. Deka emphasized the importance of the T&P policy in shaping the professional trajectories of the students. He elaborated on the various facets of the policy, including the structured approach to internships, the significance of industry collaborations, and the strategies for effective placement.

M. Pharm Lab Visit

The visit to NIPER-G on 30th August 2024 was an informative visit where the students came to know about the instruments, ongoing research project and the significance of the instruments. Dr. Saurabh Kumar sir, Professor of Medical Devices Department as presently focused on Tissue Engineering, Biosensors and on Testing and Calibration facility and also stated about that the NABL accreditation provided on basis of 20 parameters to certain electronics. The overall objectives of this programme was fulfilled.



A Carrier Perspective Talk

On August 31st, 2024, Ms. Shreosee Ghosh, Scientist QC at SHRM Biotechnologies Pvt. Ltd., delivered an enlightening talk on career perspectives and the scope in the fields of Biotechnology, Food, Nutrients, and Dietetics. The talk was organised by the Training and Placement Cell, NGI exclusively for the students of Department of Biotechnology and the Department of Food, Nutrition and Dietetics. The session provided valuable insights into the various career paths available in these dynamic fields. Ms. Ghosh also highlighted numerous scholarship opportunities, offering students a clearer understanding of how to finance their education and research endeavours. This talk served as a crucial guideline for students, helping them design a roadmap for their future opportunities and career development.



A Carrier perspective talk on August 31st, 2024, by Ms. Shreosee Ghosh, Scientist QC at SHRM Biotechnologies Pvt. Ltd. organized by Training and Placement Cell, NGI, Mirza, Assam.



Expert Corner

Susanta Kumar Kar
Head Production
Cipla Sikkim Unit II

**The Importance of
Pharmaceutical Studies and
the Role of AI in Modern
Healthcare**

Dear Students,

I hope this message finds you well. As you embark on your journey in the field of pharmaceutical studies, I wanted to take a moment to share some insights into the significance of this discipline and the transformative role that Artificial Intelligence (AI) is playing in modern healthcare.

The Importance of Pharmaceutical Studies

Pharmaceutical studies are at the heart of healthcare, focusing on the discovery, development, and regulation of medications that improve and save lives. As future pharmacists, researchers, and healthcare professionals, your work will be crucial in addressing some of the most pressing health challenges of our time. Here are a few key reasons why your studies are so important:

- **Improving Patient Outcomes:** Pharmaceuticals play a vital role in treating diseases, managing chronic conditions, and improving the quality of life for patients. Your knowledge and expertise will directly impact patient care and outcomes.
- **Advancing Medical Research:** The pharmaceutical industry is a hub of innovation, constantly seeking new treatments and cures for diseases. By engaging in research, you will contribute to groundbreaking discoveries that can change the course of medicine.
- **Ensuring Drug Safety and Efficacy:** Pharmacists and pharmaceutical scientists are responsible for ensuring that medications are safe and effective. Your training will equip you with the skills to evaluate drug interactions, side effects, and proper dosages, ensuring patient safety.
- **Public Health Advocacy:** Pharmacists often serve as accessible healthcare providers, offering valuable advice and services to the community. Your role in public health education and disease prevention is essential for promoting healthier lifestyles.

The Role of AI in Modern Healthcare

As you delve deeper into your studies, you'll find that technology, particularly Artificial Intelligence (AI), is revolutionizing the pharmaceutical industry and healthcare as a whole.

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Susanta Kumar Kar
Head Production
Cipla Sikkim Unit II

The Importance of Pharmaceutical Studies and the Role of AI in Modern Healthcare

Here are some ways AI is making a significant impact:

- **Drug Discovery and Development:** AI algorithms can analyze vast amounts of data to identify potential drug candidates more quickly and accurately than traditional methods. This accelerates the drug discovery process, bringing new treatments to market faster.
- **Personalized Medicine:** AI enables the analysis of genetic, environmental, and lifestyle data to tailor treatments to individual patients. This personalized approach can lead to more effective therapies with fewer side effects.
- **Predictive Analytics:** AI can predict disease outbreaks, patient outcomes, and treatment responses by analyzing historical and real-time data. This helps healthcare providers make informed decisions and allocate resources efficiently.
- **Clinical Trials:** AI streamlines the design and management of clinical trials, improving patient recruitment, monitoring, and data analysis. This enhances the reliability and speed of trials, ultimately benefiting patients.
- **Pharmacy Operations:** AI-powered systems can optimize inventory management, automate routine tasks, and improve patient counseling by providing pharmacists with real-time information and recommendations.

Your Role in Shaping the Future

As you progress through your studies, I encourage you to embrace the opportunities that AI and other technological advancements offer. Stay curious, seek out interdisciplinary collaborations, and remain committed to lifelong learning. The combination of your pharmaceutical expertise and technological acumen will position you to make significant contributions to healthcare.

In conclusion, the field of pharmaceutical studies is both challenging and rewarding, with the potential to make a profound impact on society. By understanding the importance of your work and leveraging the power of AI, you can help shape a healthier and more innovative future.

Thank you for your dedication to this vital field. I wish you all the best in your academic and professional endeavors.