



**NIPER**

**National Institute of Pharmaceutical Education and Research**

**NIPER-RAEBARELI**



**Issue, January-March 2023**

**NEWSLETTER**

राष्ट्रीय औषधीय शिक्षा एवं अनुसंधान संस्थान, रायबरेली  
ट्रांजिट कैंपस : बिजनौर-सिसेंडी रोड, सरोजनी नगर, लखनऊ-226002 (उ.प्र.) भारत

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# NEWS & EVENTS

## Enthusiasm of students in 11-Day SPORTS EVENT 'KSHITI'

National Institute of Pharmaceutical Education and Research, Raebareli organized 'KSHITI' SPORTS EVENT 2023 from 17th to 27th March, 2023. Pharmacology and Toxicology team proved their dominance in majority of the indoor and outdoor games. It emerged as winner in Volleyball by defeating Medicinal Chemistry in the finals. The boys team of Pharmacology and Toxicology made its presence felt by winning both singles and doubles in the table tennis while the girls team bagged first position in singles.

Meanwhile, Women's team of Biotechnology trounced their counterparts of Medicinal Chemistry in Badminton (singles and doubles both) final while Pharmacology and Toxicology, Biotechnology team emerged winner in Men's Category singles and doubles respectively. In Athletic event boys' and girls' team of Medicinal Chemistry outshined by winning 100mtr race while boys' and girls' team of Pharmacology and Toxicology marked their presence by winning 400mts relay race. In chess, Gaurav Awasthi of Pharmaceutics emerges as champion by defeating Jitendra Kumar who had to contend with 2nd position. Medicinal Chemistry won cricket match final, while Pharmacology was runner-up.

Medicinal Chemistry had an encounter against Pharmacology and Toxicology in carrom. This apart, Pharmaceutics and Medicinal Chemistry were declared as winner of the musical chair and Tug of war respectively.

**'KSHITI' Concluded with cultural Event, Which will be covered in Next Quarterly Newspaper.**



## A short movie presentation on Jan Aushadhi Diwas



NIPER Raebareli celebrated the 5th Jan Aushadhi Diwas on 07.03.2023.

On this occasion student members of Institute Cultural Committee and Institute Social Committee of NIPER, Raebareli showed the importance and benefits of Bhartiya Jan Aushadhi Kendra through a short movie. Movie emphasized on the benefits and future

goals of Pradhan Mantri Bhartiya Jan Aushadhi Pariyojna.

## Quiz Competition On National Science Day

National Institute of Pharmaceutical Education and Research, Raebareli organized scientific quiz competition for M.S. Pharm. and Ph.D. students of NIPER Raebareli on occasion of National Science Day on 28.02.2023.

Students participated enthusiastically in the competition and team of Biotechnology and Pharmaceutics with name Ligase and Dendrimers secured First and Second place in the competition.



## Poster Competition on International Women's Day

The International Women's Day was celebrated at National Institute of Pharmaceutical Education and Research, Raebareli on 13th March, 2023. The purpose of celebrating Women's Day was – To raise awareness about the status and dignity of women among the students. A poster competition on Women's day was conducted and many of the students had participated for that. It was interesting to know that boys have also participated for it.

Mrs. Amrita Parle, Associate Professor, Delhi Institute of Pharmaceutical Sciences and Research (Dipsar) offered expert talk on "Abundance Bounty". In her address to the students, faculty and students she emphasized on staying positive and happy in everyday life and to recognize the achievements of women, promote gender equality, and empower young women to become leaders in their fields. At the end, prize distribution for the winners of poster competition was done.

## Visit of Secretary to stall of NIPER-Raebareli at UP-GLOBAL INVESTOR SUMMIT



Ms. S. Aparna, IAS, Secretary, Department of Pharmaceuticals, GoI visited the stall of NIPER Raebareli at "UP Global Investors Summit 2023" on 11.02.2023 and motivated the faculty to strengthen industry partnership and contribute more towards making industry oriented products.

## Feroze Gandhi College Students Visit to Campus

A group of MSc (Chemistry) students from Feroze Gandhi College, Raebareli visited the transit campus at Lucknow of NIPER, Raebareli on 17th January 2023.

**Visit of School Girls to NIPER-R :** A group of girls, from the Jawahar Navodaya Vidyalaya Maharajganj, a small town in the district Raebareli, visited NIPER, Raebareli on 14 Feb 2023.



## Lecture by Prof Shubhini A Saraf, Director, NIPER-R at Patanjali's Conference

Prof Shubhini A Saraf, Director, NIPER Raebareli visited Patanjali Research Institute and participated in 3 days International Conference on "PLANTS TO PATIENTS-SERIES III: RETHINKING ETHNOPHARMACOLOGY" from 28 Feb- 02 March, 2023. Dr. Rakesh K Singh from Department of Pharmacology and Toxicology also attended this international conference. Prof Shubhini A Saraf delivered a Lecture in the conference. She was also interviewed by the patanjali team. Aim of Patanjali Research Institute was to bring together stalwarts in the field of science and medicine in India and also abroad to come together to discuss on the topic 'Rethinking Ethnopharmacology'. Apart from Lectures and talks by eminent speakers The audience at the auditorium were also entertained with Soulful melodies from the talented music students of University of Patanjali and strong yoga performance to end the day by the yoga students of University of Patanjali.

## Special Speech on National Startup Day

National Startup Day 2023 celebrated at NIPER, Raebareli wherein Dr. Viswanadham D (VP-Biopharma Innovations and Head- Life Science Incubation, IKP Knowledge Park, Genome Valley, Hyderabad) enlightened the students with his speech.



## National Youth Day Celebration

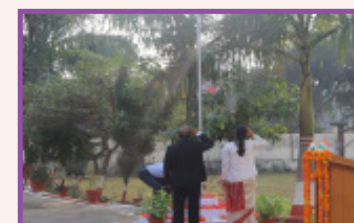


actively took participation in the various events organized.

NIPER, Raebareli celebrated the National Youth Day 2023 by organizing Extempore, Poster Competition followed by sack and other sports activities. Students and staff

## Flag Hoisting on Republic Day

On the occasion of 74th Republic Day, Professor Shubhini A. Saraf, Director, NIPER Raebareli unfurled the Indian flag and said in her address that Republic Day



commemorates the adoption of the Constitution of India. All the faculty, non-faculty and students graced the occasion with their presence.



# STUDENTS SPEAK

## Multicultural Environment Provides a Unique Opportunity for Students : Mansi Varma

### Q Can you tell a little bit about yourself?

I am a post-graduate from NIPER and belong to a historic city of Burhanpur, Madhya Pradesh.

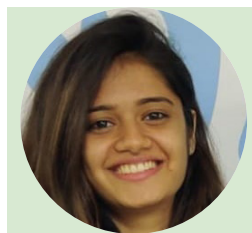
### Q What interests you about NIPER-Raebareli?

At NIPER, students from various backgrounds come together, fostering a rich tapestry of cultures, ideas, and perspectives. This multicultural environment provides a unique opportunity for students to learn from one another, celebrate diversity, and develop a global mindset. I am grateful to be part of a vibrant and dynamic alumni community.

### Q How has your academic training prepared you for a career in the industry?

The education and experiences I gained at NIPER Raebareli continue to shape and inspire me in my personal and professional endeavours. Through assign-

ments, projects, and discussions, I learned how to analyse complex situations, evaluate multiple perspectives, and develop creative solutions. These skills have proven invaluable in my career, enabling me to adapt to new challenges, make informed decisions, and contribute meaningfully to my chosen field. I am grateful for the strong foundation and the nurturing environment that allowed me to grow and thrive.



**Mansi Varma**  
Batch (2020-22)  
Department of  
Regulatory Toxicology

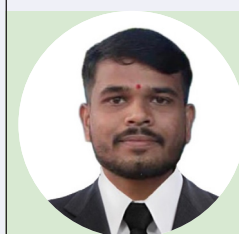
### Q What would you like to say to the students of NIPER-R?

To the current and future students of NIPER, I encourage you to be curious, open-minded, and proactive in seeking knowledge. Embrace the diverse range of subjects, engage in meaningful discussions with your peers and professors, and don't be afraid to step outside of your comfort zone. You may face challenges and setbacks along the way. Embrace these moments as opportunities for growth and learning. Cherish this opportunity and make the most of the resources and experiences that NIPER has to offer.

## Learning theoretical knowledge and practical Work are equally vital : Kshirsagar Prasad

### Q Can you tell a little bit about yourself?

I am Kshirsagar Prasad Suhas. I currently pursuing my master's in medicinal chemistry. My strength is I am a quick learner, a focused hardworking, and a self-motivated person. I worked on "Novel 3-(Pyridin-2-Yl)-1H-Indoles and its Congeners as Anti-cholinesterase Agents / NMDA antag-



**Kshirsagar Prasad Suhas**  
Master's in Medicinal Chemistry

onists: Design, Synthesis and in silico Studies"

### Q Can you describe the Institute's environment?

The MS Pharma program offered by the institution in the fields of medicine and health

sciences has a solid reputation. Students have the opportunity to specialize in pharmaceutical, pharmacology, or toxicology and Medicinal chemistry through the institute. Various analytical instruments are available for courses.

### Q What do you enjoy most about your course?

Learning the practical work Both theoretical knowledge and practical knowledge are equally vital; they are

like two sides of the same coin. Investing the time to comprehend how these strategies function and how they fit into a bigger framework takes hours to learn the art of practical techniques. so I enjoyed most applying my theoretical knowledge in practicals.

### Q How has your academic training prepared you for a career in the industry?

The institute is equipped with most of the advanced analytical and bio-analytical software and instruments to impart quality training and expertise to its students as per the global pharmaceutical industry standards.

### Q Where do you see yourself in five years?

In five years, I want to complete my Ph.D. and after that I see myself as an integral part of the company who has helped contribute to the growth and success of the organization. I would like to continue developing my skills and knowledge in order to be able to take on more responsibility within the company.

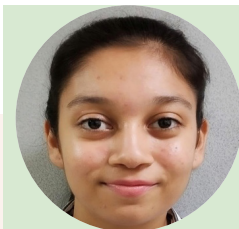
### Q What contributions have you made to campus community?

During Two years of the program, I worked as a student placement coordinator and serve as a liaison between Institute Faculty, Company, and students. also, I contributed to arranging festival events.

## Sporty Environment is created for the students to enjoy their campus life : Hinal Shah

### Q Can you tell about yourself?

I am Hinal Shah, and I have completed my graduation from School of Pharmacy, Devi Ahilya Vishwavidyalaya, Indore (M.P.). I have qualified Graduate Pharmacy Aptitude Test (GPAT), 2021, and NIPER-JEE, 2021, and got the opportunity to pursue my Masters from NIPER, Raebareli. I have completed my M.S. (Pharm) degree in Pharmaceutics specialization from the NNIPER, Raebareli.



**Hinal Shah**  
Batch (2021-23)  
M.S. (Pharm)

### Q What interests you about NIPER?

The type of education which NIPER, Raebareli provides fascinates me the most. It covers all the aspects of

pharmaceutics, chemistry, pharmacology, and biotechnology, and helps develop the students' young minds within a 2-year M.S. (Pharm) course. Research facilities, online research portals, international workshops, and hands-on training programs provided by the institute are top-class and enable young researchers to fully explore the pharmacy field and contribute their knowledge and skills to the Pharma Industry.

### Q Can you describe the Institute's environment?

The environment, here at NIPER, Raebareli is very friendly. Faculties are very supportive and friendly with the students and provide appropriate research orientation for their master's research project work. Apart from research, a sporty environment is created for the students to enjoy their campus life.

### Q What do you enjoy most about your course?

During the entire course, I really got the opportunity to enhance my knowledge and develop my research and technical skills with regard to novel drug delivery systems for their controlled and targeted delivery.

### Q Where do you see yourself in five years?

I see myself working and exploring the various thirst areas of research in a well-established pharma industry in collaboration with national and international organizations.

### Q Your contribution to campus?

I have actively participated and showcased my skills in numerous seminars, training programs, and symposiums. I served as a volunteer for the 7th convocation ceremony. In addition to this, I have participated in various sports events during the "Kshiti" and won first prize in table tennis.

## Institute is very supportive to inculcate research attitude in students : Vaibhav Lasure

### Q Can you tell a little bit about yourself?

I'm Vaibhav Lasure, MS (Pharm) scholar in the department of Pharmacology and Toxicology. I completed my master's degree under the guidance of Dr. Rakesh K Singh.

### Q What interests you about NIPER-Raebareli?

NIPER-Raebareli is equipped with a central instrumentation facility, an animal house, a cell culture facility, and labs that have all the necessary facilities and chemicals.

### Q Can you describe the Institute's environment?

Institute is very supportive to inculcate research attitude in students, make them prone to handle pressure to tackle real life problems.

### Q What do you enjoy most about your education?

I gained exposure and developed my skills by working on challenging projects and interacting with professors, which helped me to expand my knowledge.



**Vaibhav Lasure**  
MS (Pharm)

### Q Where do you see yourself in five years?

I have chosen to pursue doctoral studies and aim to become a better professional in the field of pharmacology over the next 5 years.

### Q What would you like to say to the current and future students of NIPER-R?

If you are passionate about the pharmacology field and want to pursue your interests, NIPER-R is one of the best places to be.

### Q What contributions have you made to your campus community?

I served as the class representative for the pharmacology department for 2 years and was a member of the mess committee for 3 months. I also anchored an international symposium titled "Drug Discovery and Development Interface" organized by Dr. Rakesh K Singh and participated in the National Science Day Quiz in 2023.



# RESEARCH & INNOVATIONS



The team of scholars under supervision of **Dr. Rakesh K. Singh** published research emphasizing the crucial clinical evidence on proinflammatory role of IL17 cytokine in neurodegenerative diseases in journal: Naunyn-Schmiedeberg's Archives of Pharmacology.



**Dr. Abha Sharma** and her research team published research article entitled "Simple and efficient PET and AIEE mechanism-based fluorescent probes for sensing Tabun mimic DCNP" in Analytica Chimica Acta, Elsevier.

**Dr. Awesh K. Yadav** research group published a Research Article in collaboration with the Central University of Rajasthan, Bandarsindri entitled "Chondroitin Sulfate Anchored Biodegradable Nanoparticles: Design, Synthesis, and In-vitro Anti-tubercular Efficacy" in Materials Today Communications.



**Dr. Sandeep Chandrashekhara** and his research group published a research article entitled "Domino Synthesis of Novel 3-Alkenyl Benzofuran Derivatives-Base Mediated Condensation Cascade Reaction" in Tetrahedron, Elsevier.



**Dr. Nidhi Srivastava**, and her research team belonging to Jiwaji University, Gwalior published a Research article entitled "Purification, molecular docking and in vivo analyses of novel angiotensin-converting enzyme inhibitory peptides from protein hydrolysate of moth bean (Vigna aconitifolia (Jacq.) Marechal) seeds" in International Journal of Biological Macromolecules, Elsevier



**Dr. Rahul Shukla** and his research team Published a Research article entitled "Bilayer fixed dose combination tablet for Curcumin microparticles and Piroxicam and in vitro evaluation" in Therapeutic Delivery curcumin piroxicam.

**Dr. Rahul Shukla** and his research team for published a review article entitled "Nanotheranostic: The futuristic Therapy for Copper Mediated Neurological Sequelae" in Journal of Drug delivery Science and Technology, Elsevier



**Dr. Nidhi Srivastava** and her research team for published a research article entitled "Value added bioactive compounds from fruits & vegetables waste for assessing their antimicrobial activity" in World Journal of Microbiology and Biotechnology, Springer.



**Dr. Keerti Jain** delivered an invited presentation entitled, Technology based on Design of Delivery Systems to enhance #Bioavailability of BCS Class II Drugs developed in my lab at TIFAC - Dsir India - Csir Cdri Joint Workshop on Techno-commercial Assessment of TRL 6 and above Technologies in Chemical, Pharmaceutical, Healthcare and Medical Sciences.



**Dr. Nidhi Srivastava** and her research team published a research article entitled "Isolation, purification and characterization of quercetin from Cucumis sativus peels; its antimicrobial, antioxidant and cytotoxicity evaluations" in 3 Biotech, Springer.

**Dr. Nihar Ranjan's** research group on published a research article in American Chemical Society's flagship journal 'JACS'. This is the first publication of the Institute in Journal of the American Chemical Society



**Dr. Nihar Ranjan** and his research group filed an Indian patent entitled "A BENZIMIDAZOLE BASED FLUORESCENT PROBE FOR NITRITE DETECTION AND METHOD OF PREPARATION THEREOF"



**Dr. Rakesh K. Singh** and his research group published research article entitled "Therapeutic potential of targeting IL-17 and its receptor signaling in neuroinflammation" in Elsevier



**Dr. Rahul Shukla** and his research group collaborative work published as research article entitled "Transferrin decorated PLGA encumbered Moxifloxacin nanoparticles and In Vitro cellular studies" in Drug Development and Industrial Pharmacy, taylorfrancis.

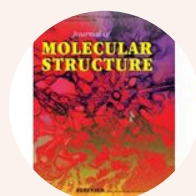
**Dr. Gopal Lal Khatik** and his team published a review article entitled, "An Insight into MptpB inhibitors as a Key Strategy to Treat MDR and XDR-Tuberculosis" in Journal of Current Pharmaceutical Design.



**Dr. Abha Sharma, PI and Dr. Saba Naqvi**, Co-PI awarded project entitled "Synthesis and evaluation of novel dual GSK-3 $\beta$ /HDAC inhibitor as an anti-Alzheimer agent" by the support of Core Research Grant, Science and Engineering Research Board - SERB for Rs. 38 lakhs.



**Dr. Saba Naqvi** and her research team published a research paper entitled "Intracellular DAMPs in neurodegeneration and their role in clinical therapeutics" in Molecular Neurobiology, Springer.



**Dr. Sandeep Chandrashekhara** and his research team for published research paper entitled "Design, synthesis and in-vitro antitubercular evaluation of novel 7-methoxy pyrrolo[1,2-a] quinoline analogues as CYP 121 inhibitors" in Journal of Molecular Structure, Elsevier.

**Dr. Ashok K. Datusalia** and his research team for published research paper entitled "Artificial intelligence and machine learning disciplines with the potential to improve the nanotoxicology and nanomedicine fields: a comprehensive review" in Archives of Toxicology, Springer in collaboration with teams of German Federal Institute for Risk Assessment Berlin (BfR) Germany, BHU & AIIMS-Raebareli.



**Dr. Sandeep Chandrashekhara** and his team published research paper entitled "Design, synthesis, characterization, and anti-tubercular activity of novel Ethyl-3-benzoyl-6, 8-difluoroindolizine-1-carboxylate analogues: Molecular target identification and molecular docking studies" in Journal of Molecular Structure, elsevier



**Dr. Rahul Shukla and Dr. Ravinder K. Kaundal** research group published research article entitled "Harnessing the personalized tailored medicines to digital-based data enriched edible pharmaceuticals" in Drug Discovery Today, Elsevier.



**Dr. Sanjay Tiwari** and his research group published research paper entitled "Stabilization of Lysozyme in Aqueous Dispersion of Graphene Oxide Sheets" in Colloids and Surfaces B: Biointerfaces, Elsevier.

**Ms Priyanka Tiwari**, MS (Pharm) Pharmacology and Toxicology in Molecular NeuroTherapeutics Lab, Department of Pharmacology and Toxicology, NIPER-Raebareli secured runner-up in Pharmacology category of DR. P.D. Patil National best thesis award.



**Dr. Rahul Shukla** and his research group published a research article entitled "Transferrin decorated PLGA encumbered Moxifloxacin nanoparticles and In Vitro cellular studies" in Drug Development and Industrial Pharmacy, taylorfrancis.





# SHARING KNOWLEDGE

## Two Day Workshop on 'Design of Experiments and Data Analysis using JMP'

The jubilant 'NIPER-Rites' at Lucknow Transit Campus of NIPER Raebareli were seen enthusiastically engaged in two full days of hands-on learning in a workshop with Dr Muralidhara Anandamurthy, an Academic Ambassador of JMP Software.

This workshop was held on February 23-24, with a titled subject of 'Design of Experiments and Data Analysis using JMP' which witnessed a participation of academia and researchers along with 50+ scholars from Ph. D and MS (Pharm) programme at NIPER-R.

At the onset, Prof. Shubhini A Saraf, Director, NIPER-R greeted the audience. In her introductory note, she highlighted the importance of designing experiments in various fields of science and urged all the participants to be focused and interactive for optimum learning through this unique workshop.

The program organized by team NIPER-R led by Dr Sanjay Tiwari and Dr. Awesh Yadav received a huge appreciation in which M/s JMP gestured with one-year subscription of its software to all the participants for its effective usage in their scientific research work.



## Faculty, Students, Scholars attended Virtual Webinar

Biotechnology Ignition Grant -22 Outreach at National Institute of Pharmaceutical Education and Research Raebareli by Dr. Aatmeeyata from Startup Incubation and Innovation Centre, IIT Kanpur II Virtual Webinar.

The Webinar was attended by faculty, students and scholars of National Institute of Pharmaceutical Education and Research Raebareli.



## Participation in workshop of TIFAC- Dsir India-CSIR-CDRI

Dr. Keerti Jain participated in the workshop on Techno-commercial Assessment of TRL 6 and above Technologies jointly organized by TIFAC- Dsir India- CSIR-CDRI Lucknow. Prof. Shubhini A Saraf, Director, National Institute of Pharmaceutical Education and Research, Raebareli was among the panelist in the workshop.



## International Symposium on Drug Discovery

NIPER Raebareli organized, on 1st Feb 2023, a "One Day International Symposium on Drug Discovery & Development Interface" in which eminent speakers not only from India but also from around the globe imparted their knowledge to more than 500 participants(online/offline).

Following distinguished speakers shared their knowledge and experiences with the participants:

**Dr. Jitendra Sattigeri**, Global Program Director and Site Head, Global Program Management, Novartis Healthcare Pvt. Ltd. Hyderabad Novartis India

**Dr. Sachin Dubey**, Director, Biological Development KBI Biopharma, Switzerland

**Dr. Seema Pai**, Director-Clinical Development & Operations Head-India Cluster, Pfizer

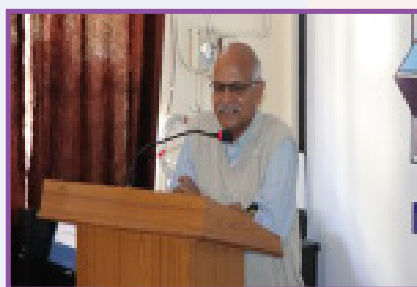
**Mr. Bhupesh Pratap**, Clinical Manager, Rosemont Pharmaceuticals, UK Rosemont Pharmacy



## Guest lecture by Prof. Prasad V. Bharatam, FRSC Prof. NIPER SAS Nagar

NIPER Raebareli welcomed eminent guest Prof. Prasad V. Bharatam, FRSC Prof. NIPER SAS Nagar for guest lecture on 02.03.2023.

He delivered the lecture on the topic "CADD, synthesis, anti-bacterial activity of imidazopyridene derivatives"



## NMR Application Specialist Delivered Talk

Dr. Katsuo Asakura, NMR Application Specialist, delivered a talk and discussed about the advances in NMR applications on the occasion of National Science Day celebrated at NIPER, Raebareli on 28.02.2023. He was also accompanied by Dr. Keisuke Okayama. A Scientific Quiz competition on the occasion was also organized for M.S. Pharm. and Ph.D. candidates of NIPER-Raebareli. Team of Biotechnology and Pharmaceuticals secured First and Second position respectively.



## Collaboration with Indian Institute of Information Technology- Lucknow

National Institute of Pharmaceutical Education and Research, Raebareli on 19th Jan, 2023 signed a memorandum of understanding (MoU) with Indian Institute of Information Technology-Lucknow (IIIT-L) for joint research and teaching collaboration. In the presence of Prof Shubhini Saraf, director, NIPER-Raebareli and Arun Mohan Sherry, director, IIIT-Lucknow MoU was signed between the two institutions.

The objective of the MoU is to encourage cooperation in teaching courses in any discipline that is offered by these institutions. As a part of the MoU, a research collaboration between IIIT-Lucknow and NIPER-Raebareli will be strengthened through holding joint seminars, conferences and workshops, participation in joint learning as a tool for teaching courses and developing the prospects of joint research and publications. The collaboration between the two institutes will go a long way in enhancing the research and development of both institutes, said Prof Shubhini Saraf.



## Lecture by Dr. Gyan Prakash Modi, IIT BHU

National Institute of Pharmaceutical Education and Research Raebareli organized a lecture on "Development of Naturally Inspired Diagnostic and Therapeutic Agents" by Dr. Gyan Prakash Modi, Associate Professor, IIT BHU Varanasi on 16.02.2023. He also talked about Development of Novel Naturally Inspired Neuroprotective Therapies for Neurodegenerative Disorders like Alzheimer's Disease.



## MoU with CSIR-CDRI, Lucknow

National Institute of Pharmaceutical Education and Research Raebareli on 20th Feb, 2023 has signed a MoU with CSIR-CDRI, Lucknow. CSIR – Central Drug Research Institute, Lucknow is one of the premier research institutes of India which were envisioned by the National leaders much before the independence of our nation to drive and lead the technological independence.





# NIPER-R in NEWS

## औषधि अनुसंधान बहु विषयक कार्य क्षेत्र

लखनऊ (एसएनबी)। भारत के प्रमुख दवा अनुसंधान संस्थान केन्द्रीय औषधीय अनुसंधान संस्थान (सीडीआईआर), लखनऊ ने सोमवार को दो अलग-अलग सम्मेलन 'एमओयू' पर हस्ताक्षर किए हैं, जिनमें से एक नेशनल इंस्टीट्यूट ऑफ फार्मास्यूटिकल एजुकेशन एंड रिसर्च, रायबरेली (एनआईपीआईआर-आर), जो कि

### CDRI ने दो अलग-अलग एमओयू कर किये हस्ताक्षर

फार्मास्यूटिकल साइंस में उच्च शिक्षा और अनुसंधान के क्षेत्र में एक प्रमुख संस्थान है एवं दूसरा संस्थान, सेंटर ऑफ बायो-मैडिकल रिसर्च, लखनऊ (सीबीएमआर) जो कि उत्तर प्रदेश सरकार का एक अग्रणी संस्थान है जो रोग-उन्मुख-अनुसंधान के लिए नए निदान एवं उपचारों को खोजने की दिशा में

इस अवसर पर सीडीआईआर की निदेशक डा. राधा रंगराजन ने कहा कि औषधि अनुसंधान एक बहु-विषयक कार्य-क्षेत्र है। इसके सभी घटकों एवं सभी हितधारकों के बीच तालमेल लाने के लिए सहयोग विकसित करने की तत्काल आवश्यकता है। शिक्षा, प्रौद्योगिकी, अनुसंधान एवं विकास एवं



उद्योग के बीच तालमेल के ऐसे वातावरण को विकसित करने के लिए प्रशिक्षण एवं परस्पर सहयोग के माध्यम से फार्मसी, जैव प्रौद्योगिकी, सुनना प्रौद्योगिकी को मजबूत कर हम वैश्विक

निदेशक प्रो. शुभिनी ए. सराफ ने इस शोध सहयोग सीडीआईआर की ड्रग डिस्कवरी और डेवलपमेंट के क्षेत्र में विशेषज्ञता एवं अत्याधुनिक सुविधाएं व एनआईपीआईआर रायबरेली की विशेषज्ञता, साथ

मिल कर निश्चित रूप से इस क्षेत्र की अग्रणी आवश्यकताओं को पूरा करने में सहायक सिद्ध होगी।

सीबीएमआर के निदेशक प्रो. आलोक धवन ने बताया कि सीबीएमआर रोग-उन्मुख-अनुसंधान के लिए समर्पित है और संस्थान के पास क्लीनिकल सैपल्स (नैदानिक नमूने) का विशाल रियल-टाइम कम्प्यूटेशनल बायोलॉजिकल असेस व ड्रग रिसर्च और डायग्नोस्टिक्स के लिए बेहतर

### राष्ट्रीय युवा दिवस पर याद किए गए स्वामी विवेकानंद

पायनियर समाचार सेवा। लखनऊ

राष्ट्रीय औषधीय शिक्षा एवं अनुसंधान संस्थान (नईपर) रायबरेली के लखनऊ स्थित ट्रांजिट कैम्पस में शुक्रवार को राष्ट्रीय युवा दिवस कार्यक्रम का आयोजन किया गया। यह आयोजन स्वामी विवेकानंद की जयंती के उपलक्ष्य में मनाया गया। जिनके जीवन ने भारत में कई पीढ़ियों को प्रेरित और विश्व स्तर पर लोगों को प्रभावित किया है। इस अवसर पर सांस्कृतिक कार्यक्रम समिति के अध्यक्ष डॉ. गोपाल लाल खटीक और शोध छात्रा पूजा सिंह के द्वारा कार्यक्रम आयोजित किये गए, जिसमें छात्रों, कर्मचारियों और शिक्षकों ने भाग लिया। इस अवसर पर संस्थान की निदेशक प्रो. शुभिनी अशरफ ने सभा को संबोधित किया। उन्होंने स्वामी विवेकानंद के 1893 में शिकागो सम्मेलन वाले प्रसिद्ध भाषण का संदर्भ भी दिया। उन्होंने इस बात पर भी जोर दिया कि उनके लिए अपना राष्ट्र अपने राष्ट्र से अस्तित्व की पहचान तथा राष्ट्र हित के लिए बोलना ही सर्वोपरि था। उन्होंने युवा छात्रों को स्वामीजी के जीवन से सीखने और उनके गुणों और मूल्यों का पालन करने के लिए प्रेरित किया। इस अवसर पर प्रतिनिधिता भी आयोजित की गई, जिसमें आज के युवाओं के विचारों को प्रदर्शित किया गया। इसके उपरांत सैक रस और लैमन रस जैसी अन्य

## नईपर-रायबरेली के लखनऊ ट्रांजिट परिसर में गणतंत्र दिवस समारोह

लखनऊ। नईपर-रायबरेली के लखनऊ ट्रांजिट कैम्पस के परिसर में 26 जनवरी 2023 को 74वां गणतंत्र दिवस नईपर-रायबरेली परिवार द्वारा देशभक्तिपूर्ण उत्साह और जोश के साथ मनाया गया। कार्यक्रम को शुरुआत नईपर-रायबरेली के निदेशक द्वारा राष्ट्रीय ध्वजारोहण के साथ हुई, इसके बाद राष्ट्रगान गाया गया। तत्पश्चात् निदेशक प्रोफेसर शुभिनी अशरफ ने सभा को अपने संदेश में सविधान की विशिष्टता और स्वतंत्रता सेनानियों के बहुमूल्य योगदान की सराहना की जिसने हमें एक स्वतंत्र भारत में सांस लेने का अवसर प्रदान किया है। उन्होंने भारत को विश्व की फार्मसी कहकर गर्व महसूस किया और भारतीय दवा वितरण प्रणाली की उत्कृष्टता की प्रशंसा की। इस वर्ष के गणतंत्र दिवस के विषयों को याद करते

हूएँ उन्होंने सभी से विचार-शब्द या कार्य में कोई भी लैंगिक पक्षपात न करने का आग्रह किया और नारीशक्ति से आगे आगे खुद को मजबूत करने और एक बेहतर समाज और राष्ट्र निर्माण में योगदान देने के लिए समृद्ध होने का आग्रह किया। पोषक

आना 2023 के लिए अंतर्राष्ट्रीय दिवस की थीम पर उन्होंने प्रधानमंत्री की दृष्टि और कारण संयुक्त राष्ट्र महासभा ने वर्ष 2023 को पोषक अनाज के अंतर्राष्ट्रीय वर्ष के रूप में मनाने की घोषणा की। उन्होंने इस स्मार्ट मनाने का विकल्प बताया और फार्मसी भोजन से अनुरोध किया कि मिस्ट्रेस के कुछ ऐसे उत्पादों के लिए अनुसंधान करें जिससे समाज एवं विश्व को इस बेहतर निदेशक प्रो. शुभिनी अशरफ ने सभा को अपने संदेश में सविधान की विशिष्टता और स्वतंत्रता सेनानियों के बहुमूल्य योगदान की सराहना की जिसने हमें एक स्वतंत्र भारत में सांस लेने का अवसर प्रदान किया है। उन्होंने भारत को विश्व की फार्मसी कहकर गर्व महसूस किया और भारतीय दवा वितरण प्रणाली की उत्कृष्टता की प्रशंसा की। इस वर्ष के गणतंत्र दिवस के विषयों को याद करते

## नईपर रायबरेली में मनाया गया राष्ट्रीय स्टार्ट-अप दिवस

लखनऊ। नईपर रायबरेली ने राष्ट्रीय स्टार्ट-अप दिवस मनाया। प्रख्यात स्टार्ट-अप इनोवेटर्स डॉ. विश्वनाथम डी (वीपी)-बायोफार्मा इनोवेशन एंड हेल्थ-लाइफ साइंस इनक्यूबेशन, आईकेपी नॉलेज पार्क, जीनोम वैली, हैदराबाद ने युवाओं के दिमाग में नवाचार एवं निवेश की अवधारणा का संचार किया। अपनी बातचीत के दौरान, उन्होंने विभिन्न भारतीय स्टार्ट-अप कहानियों को साझा किया और छात्रों और संकायों से परियोजनाओं पर अनुदान के आवेदन और अनुमोदन के संबंध में मार्गदर्शन प्रदान किया।

डॉ. संदीप चंद्रशेखरप्पा, डॉ. निधि श्रीवास्तव और डॉ. राहुल शुक्ला द्वारा समग्र रूप से आयोजित कार्यक्रम की अध्यक्षता नईपर रायबरेली के निदेशक ने की। उन्होंने इस आयोजन के लिए अपने शुरुआती भाषण में छात्रों को नौकरी खोजने के लिए नहीं बल्कि नौकरी देने वाले के जुनून के साथ काम करने पर जोर देते हुए प्रोत्साहित किया। संकाय, कर्मचारी और छात्रों ने राष्ट्रीय स्टार्ट-अप दिवस मनाने के उद्देश्य एवं विभिन्न पहलुओं पर अपनी अंतर्दृष्टि साझा किया।



नईपर के बिजनौर स्थित ट्रांजिट कैम्पस में संगोष्ठी का आयोजन हुआ।

### दवाओं के अनुसंधान को किया साझा

लखनऊ। नईपर के बिजनौर स्थित ट्रांजिट कैम्पस में 'ड्रग डिस्कवरी एंड डेवलपमेंट इंटरफेस' पर अंतर्राष्ट्रीय संगोष्ठी आयोजित हुई। इसमें प्रख्यात फार्मा विशेषज्ञों ने 500 से अधिक शिक्षाविदों और शोधकर्ताओं के लिए अपने दवाओं के अनुसंधान और प्रक्रिया के अनुभवों को साझा किया। नईपर रायबरेली की निदेशक प्रो. शुभिनी सराफ, कैबीआई बायोफार्मा, स्विट्जरलैंड के निदेशक जैविक विकास डॉ. सविन दुबे ने विभिन्न मुद्दों पर चर्चा की।

## संगोष्ठी में स्वामी विवेकानंद को याद किया


लखनऊ। राष्ट्रीय औषधीय शिक्षा, औषधीय संस्थान (नईपर) में युवा दिवस पर कार्यक्रम में स्वामी विवेकानंद के जीवन से प्रेरणा लेने की सीख दी गई। निदेशक प्रो. शुभिनी ने कहा कि विवेकानंद महान वक्ता थे। शिकागो सम्मेलन में दिया उनका भाषण कोई नहीं भूल सकता है। सांस्कृतिक कार्यक्रम समिति के अध्यक्ष डॉ. गोपाल लाल खटीक, शोध छात्रा पूजा सिंह ने हिस्सा लिया।

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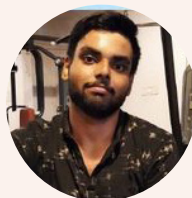


**Vaibhav Gupta**  
Dept. of Medicinal Chemistry



**Mahima Mishra**  
Dept. of Pharmaceutics

Mr. Sumanth Gopavaram, Dept. of Medicinal Chemistry selected in Ph.D-Medicinal Chemistry Programme for Fall 2023 at Department of Chemistry, UH College of Natural Sciences & Mathematics (NSM) with teaching assistantship of \$27314 / year



Raunak Katiyar, MS, Medicinal Chemistry secured RUNNER UP in Scientific Poster Paper Presentation at the AICTE sponsored International conference on "A Roadmap for Implementation of Quality by Design Tools" organised by School of Pharmaceutical Sciences, Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal.



Mr. Syed Afroz Ali, Ph.D. Research Scholar working in Molecular NeuroTherapeutics lab, Department of Pharmacology and Toxicology, has received GUFIC PRIZE at the 52nd Annual Conference IPSCON-2023 from the Indian Pharmacological Society, Organised by JSS College of Pharmacy, Mysuru.

Ms. Pooja P. Atpadkar, Dept. of Medicinal Chemistry selected in Ph.D-Medicinal Chemistry Programme for Fall 2023 at University of Houston College of Pharmacy with teaching assistantship of \$27932 / year



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