



NEWS LETTER

JANUARY-MARCH 2025

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NIPER-R IN NEWS

NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH

NIPER-RAEBARELI

राष्ट्रीय औषधीय शिक्षा एवं अनुसंधान संस्थान, रायबरेली

ट्रांजिट कैंपस : बिजनौर-सिमेंटी रोड, सरोजिनीनगर, लखनऊ-226002 (उ.प्र.) भारत

Medicinal Chemistry Dominated the Annual Sports Competition “Kshitij-2025”



The 14-day sports competition “Kshitij 2025” concluded successfully at the transit campus of NIPER- Raebareli. More than 200 students from all departments of MS Pharm and PhD participated in various sports competitions. The team of the Department of Medicinal Chemistry proved its dominance in most of the competitions and was awarded the Prof. ML Shroff Trophy. At the same time, students of Pharmacology Department, Naval Kishore Joshi and Pallavi Upadhyay were awarded the Prof. Harkishan Singh Award for winning the maximum number of medals in sports competitions.

Under “Kshitij 2025”, competitions like cricket, volleyball, badminton, tug of war, table tennis, carrom, chess, musical chair, 100 meter, 200 meter and 400 meter relay race were organized at NIPER. Assistant Director of Physical Education and Sports Department of Ambedkar University, Dr. Manoj Kumar Dadwal awarded the winners. The team of Medicinal Chemistry won the men’s cricket competition and the team of Biotechnology won the women’s cricket competition. The teams of Pharmaceutics and Regulatory Affairs Department won the volleyball final in both the categories (men and women).

The Department of Pharmacology won the singles and doubles matches in the men’s category of badminton. The team of Biotechnology was leading in the women’s category. The team of Medicinal Chemistry won the men’s category of tug of war competition and the team of Pharmacology Department won the women’s category. The teams of Pharmacology department won in both the single and double table tennis matches. Anmol Tarachand Mahajan and Prathamesh Shatrughan from Medicinal Chemistry department won gold medals in carrom. Shonak Vrajlal Ambaliya from Pharmacology department topped chess. Yadav Shreyas Santosh from Pharmacology department won in the men's category of musical chair and Karande Anjali Vijay from Biotechnology department won in the women's category. "Kshitij 2025" concluded with cultural programs. Students gave thrilling performances of drama, dance and music and received applause from the audience.

Awareness Camp on Health



An awareness camp and OPD on mental health was organized by Max Hospital, Lucknow on 10 January 2025 at the Transit Complex of NIPER Rae Bareilly. More than 100 students, staff and faculty members received mental health counseling in this camp.

National Youth Day



NIPER - Raebareli celebrated the National Youth Day on the birth anniversary of great Swami Vivekananda ji (IIC activity). A student discussion on the topic "Youth Empowerment for Nation Building" was organised.

National Startup Day



NIPER - Raebareli celebrated National Startup Day on 16th Jan 2025. An expert talk was organised on "Innovating Health: An Entrepreneurial Approach to Novel Diagnostics and Therapeutics". Dr. Tanay N. Bhatt, Co-founder, KoshKey Sciences Pvt. Ltd. was distinguished speaker.

Dr. Saba delivered Guest Lecture



Dr. Saba Naqvi delivered a guest lecture on "Perspectives and Advancements in Nanomaterial Therapeutics with a Special Emphasis on Neurodegenerative Diseases." at Dept of Pharmacology, JNMC, AMU, Aligarh on 30th January, 2025. Faculty members, residents and research scholars actively participated in the session.

Intellectual Property Workshop



NIPER - Raebareli in association with Goa-Center for Excellence in Intellectual Property (G-CIEIP) hosted an insightful expert talk on "Intellectual Property Rights (IPR)" with Dr. Umesh Banakar, Professor and President, Banakar Consulting Services, Westfield, IN 46074 USA.

Placement Readiness Workshop



National Institute of Pharmaceutical Education and Research (NIPER), Raebareli organised 3 Days Placement Readiness Workshop for students from 04th to 06th Feb, 2025. Dr. Lata Singh Bajpai Singh from BBAU was the resource person.

76th Republic Day Celebrated with Enthusiasm



The 76th Republic Day of the country was celebrated with great enthusiasm in the premises of NIPER. The program started with the hoisting of the national flag by Professor Shubhini A. Saraf, Director of NIPER, after which the Indian National Anthem was played.

In her message, Prof. Shubhini A. Saraf said that today we are celebrating the spirit of democracy, freedom and equality that defines our great nation. She said that our Constitution has incorporated the best practices of many countries. We do not understand the value of a right until it is taken away. Therefore, we have to work towards building a stronger and more prosperous India in accordance with the ideals set by our founding fathers. On the occasion of Republic Day, faculty members, officers and employees of NIPER were felicitated for their outstanding work.

National Science Day



On the occasion of National Science Day NIPER - Raebareli hosted an engaging and intellectually stimulating quiz competition. The event saw enthusiastic participation from nine teams, each showcasing their knowledge and quick-thinking abilities.

International Women's Day



NIPER-R celebrated International Women's Day with the theme "For All Women and Girls: Rights. Equality. Empowerment", where students actively participated, shared their views on gender equality and empowerment. The event concluded with honouring all female faculty, staff and participants.

Best Oral Presentation Award



Ashish Dilip Sutar, PhD Student, Department of Pharmaceutics for winning Best Oral Presentation Award at the Department of Biotechnology-sponsored National Symposium on Next Generation Drug Delivery Systems 2024, held at Sharda University.

Young Scientist Award



Mr. Deevanshu Saxena, under the mentorship of Dr. Rakesh K. Singh, has won the Young Scientist Oral Presentation Award at the International Conference on Central Nervous System Disorders (ICCNS-2M-2025) conducted at NIPER-Ahmedabad held on Feb 17-19, 2025.

Best Poster Award



Mr. Ramesh Ambatwar, Ph.D. Research Scholar from Dr. Gopal's Lab, Department of Medicinal Chemistry received the Best poster award in CRTDD-25 BITS Pilani, Pilani Campus (24-25th Feb 2025).

Gold Medal Poster Prize



NIPER-R students won prizes at WARM-TH 2025 Conference held on the occasion of Women's Day—organized by CSIR_IITR.

Nikam Rutuja secured the 1st Prize for Best Poster Presentation. **Itishree Dubey** won the 3rd Prize for Best Oral Presentation

Gold Medal Poster Prize



Mr. Sumit Kumar Saini, Ph.D. Research Scholar from Dr. Gopal's Lab, Department of Medicinal Chemistry received the Gold Medal Poster Prize

in "Global Pharma Vision 2040: Innovation, Sustainability, and Access", an International Conference organized by SRMU Lucknow in collaboration with APTI on 24-25th Feb 2025.

Successfully Passed GATE



Congratulations to Mr. Sawant Akash from Dept. of Pharmaceutics for qualifying GATE 2025 conducted by IIT Roorkee.

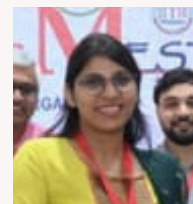
Ms. Subhadarshini Satapathy, Satya Ranjan Pallai, Sangramjit Basak & Gokul G Nair from the Department of Biotechnology also qualified GATE-2025 conducted by IIT Roorkee.

First Prize in National Conference

Mr. Dheeraj Pandey, Ph.D. Research Scholar, Dept. of Medicinal Chemistry secured First Prize in Poster Presentation in National Conference on Green and Sustainable Approaches in Chemical Science (GSACS-2025) On 24-25 March, 2025 Organized by Department of Chemistry, (BBAU), Lucknow.

Silver Medal prize

Ms. Neelam Gupta, PhD Research Scholar from Dr. Abha Sharma's lab, Department of Medicinal Chemistry, Received a Silver Medal prize for Poster Presentation in "Global Pharma Vision 2040: Innovation, Sustainability and Access", an international conference organised by SHRI RAMSWAROOP MEMORIAL UNIVERSITY.

'Toxikon Travel Award'

Ms. Itishree Dubey, a 4th-year Ph.D. scholar from the Department of Pharmacology and Toxicology, received the 'Toxikon International Travel

Award' from the Association of Scientists of Indian Origin (ASIO), Society of Toxicology (SOT), for presenting her research. This award supports early-career researchers of Indian origin in participating in the SOT 64th Annual Meeting and ToxExpo (March 16-20, 2025, Orlando, USA).

Appreciation Award in EVOLVE

Reetika Tandon & Sayani Saha, Research Scholars, Department of Biotechnology achieved Appreciation Award in EVOLVE 2025, organized by Indian Society of Extracellular Vesicles (InSEV) AIIMS, Delhi, 24th – 26th March 2025

Best Poster Presentation

Rohit Bhagwat Salunkhe, M.S. (Pharm.) 2nd Year Scholar from the Department of Pharmaceutics secured FIRST Prize in the Poster Presentation at ICPBS-2025 held at NIPER Ahmedabad (March 21-22, 2025)

Young Pharmacologist Award

Ms. Pooja Singh, Ph.D. Scholar working in Molecular NeuroTherapeutics lab, Department of Pharmacology and Toxicology, has received Young Pharmacologist Award at the International Conference ICCATND-2025, organised by BITS - Pilani, India.

Gold Medal in SPIRIT'25

Mr. Balkishan Parihar, MS Pharm student, Dept. of Pharmaceutics won gold medal in the poster presentation conducted in SPIRIT' 25 The Annual Techno-Pharma Conference, Dept. of Pharmaceutical Engineering and Technology, IIT-BHU, Varanasi.

Dr. Niranjana Meher and team published a Research Article entitled "Effective Treatment of Disseminated Prostate Cancer Using CD46-Targeted 225Ac Therapy" in Clinical Cancer Research.

Dr. Ravinder Kaundal's research group published a research article entitled "Neuroprotective Effects of Saxagliptin in Traumatic Brain Injury: Ameliorating Oxidative Stress, Neuroinflammation, and Apoptosis" in Metabolic Brain Disease

Dr. Nidhi Srivastava published a review article entitled "siRNA-Based Therapeutics in Hormone-Driven Cancers: Advancements and Benefits Over Conventional Treatments" in International Journal of Pharmaceutics

Dr. Ravinder K. Kaundal's research team published a review article entitled "Novel Insights into Neuroinflammatory Mechanisms in Traumatic Brain Injury: Focus on Pattern Recognition Receptors as Therapeutic Targets" in Cytokine and Growth Factor Reviews.

Dr. Sanjay Tiwari's team published a research article entitled "Discharge behavior of liposomal vesicles embedded in gellan gum matrix: The effect of plasticizers" in "Colloids and Surfaces A: Physicochemical and Engineering Aspects"

Dr. Niranjana Meher and his research team published a research article entitled "Mechanistic investigation on cellular internalization triggering structure-induced conformational modulation of boron-nitrogen luminogens" in Chemical Science

Ph.D. Scholar, Ms. Anchal Pathak published a Research Article titled "Mannosylated PAMAM G3.0 and PAMAM G4.0 Dendrimers: Characterization and Biophysical Evaluation of Their Interactions with Bovine Serum Albumin and β -Lactoglobulin" in Journal of Molecular liquids.

Dr. Ravinder Kaundal's research group published a review article entitled "An update on the role of ferroptosis in ischemic stroke: from molecular pathways to Neuroprotection" in Expert Opinion on Therapeutic Targets.

Dr. Sandeep Chandrashekarappa and his research team from the Department of Medicinal Chemistry received GRANT of an Indian Patent entitled "A PROCESS FOR SYNTHESIS OF CHROMONE AND FLAVONE AND THEIR USE IN PHARMACEUTICAL APPLICATIONS"

Dr. Saurabh Awasthi's Team published a Research Article entitled "Large and stable nanopores formed by complement component 9 for characterizing single folded proteins" in ACS Nano.

Research Team of NIPER-Raebareli published a review article entitled "High-Throughput Sequencing: A Breakthrough in Molecular Diagnosis for Precision Medicine" in Functional and Integrative Genomics.

Dr. Rahul Shukla's research team published a Research Paper entitled "Neuroprotective Potential of Baicalin Nanocrystals: Optimisation, Comprehensive In Vitro SH-SY5Y Cell Studies and In Vivo Pharmacokinetics" in Bionanosciences (Springer Nature).

Shreya Singh, PhD scholar under supervision of Dr. Rakesh K. Singh published an article titled "Recent advancements in the understanding of the alterations in mitochondrial biogenesis in Alzheimer's disease" in Molecular Biology Reports Journal.

Team of NIPER - Raebareli for published a Review Article entitled "Dual targeting of Prostate-Specific Membrane Antigen and Fibroblast Activation Protein: Bridging Prostate Cancer Theranostics Precision" in ACS Applied Bio Materials.

Dr. Nihar Ranjan's Research Group published a Research Paper entitled "Beyond telomeric G-quadruplexes: remarkable binding of PhenQE8 to promoter sequences" in New Journal of Chemistry (Royal Society of Chemistry).

Dr. Rahul Shukla's Research Group published Review Paper entitled "Nano-Mediated Management of Metal Toxicity-Induced Neurodegeneration: A Critical Review" in Molecular Neurobiology.

Dr. Nidhi Srivastava and her research team, Department of Biotechnology for published a review article in the Therapeutic Delivery, Taylor and Francis entitled "Exosomes in Glioma: Mechanistic insights on Biological, Therapeutic and Diagnostic perspective".

Dr. Abhishek Dey, Dept. of Biotechnology, received Research Grant from Anusandhan National Research Foundation (ANRF). "Prime Minister Early Career Research Grant (PMECRG)"

Dr. Sandeep Chandrashekarappa and his research team published a book chapter in Biosensing Technology for Human Health, entitled "Biosensors for the Quantification of Flavonoids" in ROYAL SOCIETY OF CHEMISTRY.

Scholars under the supervision of Dr. Rakesh Kumar Singh published a research entitled "Therapeutic potential of Chrysin in regulation of interleukin-17 signaling in repeated intranasal amyloid-beta-induced Alzheimer's disease model" in the journal, Food & Function, Royal society of Chemistry.

Dr. Saba Naqvi's research team published a Research article in BioNanoScience entitled "Evaluation of Neuroprotective Effects of Polymeric Berberine Nanoparticles Against Parkinson's Rat Model."

Dr. Sandeep Chandrashekarappa and his research team from Department of Medicinal Chemistry received GRANT for an Indian Patent entitled "A One-pot Process For Preparation Of 2-substituted-1H-benzo[d]imidazole Derivatives"

Dr. Rakesh Kumar Singh published a Review article entitled: "Intranasal amyloid model of Alzheimer's disease" in the journal - Pharmacological Reports.

Research Group of Dr. Keerti Jain for published a research article titled "Bedaquiline loaded Soluplus® Micelles for Improving Solubility and Intestinal Permeability: Formulation, Optimization, and Ex vivo Evaluation" in Journal of Drug Delivery Science and Technology, Elsevier.

Dr. Ravinder Kaundal's research group published a review article entitled "Exploring the ncRNA landscape in exosomes: Insights into wound healing mechanisms and therapeutic applications" in International Journal of Biological Macromolecules.

Dr. Niranjan Meher and team published a Research Article entitled "Non-Conjugated Alkyl Chains Engineering to Tune Condensed State Photophysical and Supramolecular Assembly Properties" in Nanoscale.

Vijayshree, PhD scholar under the supervision of Dr. Nidhi Srivastava & Dr. Saurabh Awasthi published a Review Article entitled "Peptide-Driven Strategies Against Lung Cancer" in Life Sciences.

Dr. Nidhi Srivastava and her research team, Department of Biotechnology published a review article in the Life Sciences, Elsevier entitled "Unravelling exosome paradigm: Therapeutic, diagnostic and theranostics application and regulatory consideration".

Dr. Saurabh Awasthi, Dept. of Biotechnology, received Research Grant from Anusandhan National Research Foundation (ANRF). "Prime Minister Early Career Research Grant (PMECRG)"

Dr. Rahul Shukla's Research Group published a Review Paper entitled "Synergy of Microfluidics and Nanomaterials: A Revolutionary Approach for Cancer Management" in ACS Applied Bio Materials.

मुख्य अतिथि ने अर्धशामक एवं रात्रि विभागों में समारंभ करवाया। कार्यक्रम के शुभारंभ के बाद, ओपेन हाउस का भी शुभारंभ किया गया।

मेडिसिनल केमिस्ट्री विभाग की जीत

लखनऊ। नेशनल इंस्टीट्यूट ऑफ फार्मास्यूटिकल एजुकेशन एंड रिसर्च (नाइपर) रायबरेली के सरोजनीनगर स्थित कैम्पस में चल रही खेल प्रतियोगिता बुधवार को संपन्न हो गई। इसमें सर्वाधिक मुकाबलों में दबदबा साबित करने वाली मेडिसिनल केमिस्ट्री विभाग की टीम ने प्रो. एमएल श्रॉफ ट्रॉफी अपने नाम की। (माई सिटी रिपोर्टर)

नाइपर-रायबरेली के ट्रांजिट परिसर में हर्षोल्लास से मनाया गया 76वां गणतंत्र दिवस

यूपी मैसेंजर संवाददाता

रायबरेली नेशनल इंस्टीट्यूट ऑफ फार्मास्यूटिकल साइंस एंड रिसर्च (नाइपर) रायबरेली, के लखनऊ स्थित ट्रांजिट परिसर में देश का 76वां गणतंत्र दिवस हर्षोल्लास से मनाया गया है।

नाइपर-रायबरेली की निदेशक प्रोफेसर शुभिनी ए. सराफ द्वारा कार्यक्रम को शुरूआत राष्ट्रीय ध्वज फहराने के साथ हुई, जिसके बाद भारतीय राष्ट्रगान बजाया गया अपने संदेश में प्रो. शुभिनी ए. सराफ ने कहा कि आज हम लोकतंत्र, स्वतंत्रता और समानता की भावना का उत्सव मना रहे हैं, जो हमारे महान राष्ट्र को परिभाषित करती है। उन्होंने कहा कि हमारे संविधान में अनेक देशों की बेहतरीन



कार्यप्रणाली और सर्वोत्तम अभ्यास को शामिल किया गया है। हम किसी अधिकार की तब तक अहमियत नहीं समझते हैं, जब तक कि वह छीन नहीं लिया जाता है। इसलिए हमें अपने संस्थापकों द्वारा निर्धारित आदर्शों के अनुरूप एक मजबूत और अधिक समृद्ध भारत के निर्माण की दिशा में काम करना है। गणतंत्र दिवस के अवसर पर

नाइपर-रायबरेली में बेहतरीन कार्य करने वाले संकाय सदस्यों, अधिकारियों एवं कर्मचारियों को सम्मानित किया गया। ज्ञातव्य हो कि नाइपर-रायबरेली औषधीय अनुसंधान के क्षेत्र में राष्ट्रीय महत्व के अग्रणी संस्थानों में से एक है। भारत सरकार ने नाइपर-रायबरेली को राष्ट्रीय महत्व का संस्थान घोषित किया है।

वार्षिक खेल प्रतियोगिता में मेडिसिनल केमिस्ट्री विभाग का रहा दबदबा

संवाददाता

रायबरेली, 26 मार्च (नवसत्ता)। नेशनल इंस्टीट्यूट ऑफ फार्मास्यूटिकल एजुकेशन एंड रिसर्च (नाइपर), रायबरेली के सरोजनी नगर स्थित कैम्पस में 14 जन दिवसीय खेल प्रतियोगिता विभिन्न स्तरों पर 2025 का बुधवार को सफलतापूर्वक समाप्त हुआ। विभिन्न खेल प्रतियोगिताओं में एम.एस. फार्म और एम.एस. फार्म के समस्त विभागों से लगभग 200 से ज्यादा छात्र-छात्राओं ने हिस्सा लिया। मेडिसिनल केमिस्ट्री विभाग की टीम ने सर्वाधिक मुकाबलों में अपना दबदबा साबित किया और उन्हें प्रो. एमएल श्रॉफ ट्रॉफी से सम्मानित किया गया। वहीं हाई फार्माकोलॉजी विभाग के स्टूडेंट्स नवल किशोर जोशी और फल्लुवी उपभय को खेल प्रतियोगिताओं में सर्वाधिक पदक जीतने के लिए मे

हर्किशन सिंह पुरस्कार से सम्मानित किया गया। विभिन्न स्तरों के अंतर्गत नाइपर में क्रिकेट, बॉलीबॉल, बैडमिंटन, रस्साकशी, टेबल टेनिस, कैम्प, शतरंज, म्यूजिकल चेयर, 100 मीटर, 200 मीटर एवं 400 मीटर रिले रेस आदि प्रतियोगिताओं का आयोजन किया गया। विभिन्न अतिथि के तौर पर मौजूद आयेडकर विस्वविद्यालय के फिजिकल एजुकेशन एवं स्पोर्ट्स विभाग के असिस्टेंट डायरेक्टर डॉ. मनोज कुमार डब्युएल एवं नाइपर की निदेशक प्रो. शुभिनी ए. सराफ द्वारा विभागों को पुरस्कृत किया गया। पुरुष क्रिकेट प्रतियोगिता में मेडिसिनल केमिस्ट्री की टीम एवं महिला क्रिकेट प्रतियोगिता में बायोटेक्नोलॉजी की टीम ने जीत दर्ज की। दोनों खेदों (पुरुष एवं महिला) में बॉलीबॉल का फाइनल फार्मास्यूटिक्स एवं रेगुलेटरी अफेयर्स विभाग ने जीत दर्ज की। वहीं मेडिसिनल केमिस्ट्री विभाग ने जीत दर्ज की।

शिक्षण संस्थानों में गुंजा जन-गण-मन

दशभाक्त पर आधारित कार्यक्रम पेश किए।

● नाइपर के सरोजनीनगर कैम्पस में बेहतर काम करने वाले संकाय सदस्यों, अधिकारियों और कर्मचारियों को सम्मानित किया गया।

ने प्रभात फेरी निकाली और सांस्कृतिक प्रस्तुतियां दीं।

● आशियाना में रुचि खंड स्थित विजड कॉन्वेंट स्कूल में संस्थापक अरविंद त्रि

नवभारत टाइम्स

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