



NEWS LETTER

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NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH

NIPER-RAEBARELI

राष्ट्रीय औषधीय शिक्षा एवं अनुसंधान संस्थान, रायबरेली

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

New Batch at NIPER, Beginning of the New Academic Session

NIPER - Raebareli commenced the 18th batch of its M.S. (Pharm) program on 06 Aug 2025. For the academic session 2025-27, a total of 96 students have been admitted across 7 branches of the M.S. (Pharm) program. Additionally, nine students have been admitted to the PhD program. The first batch of M.Tech (Medical Device) students was also welcomed.

Director of NIPER-Raebareli, Professor Shubhini A. Saraf, addressed the inaugural ceremony. She congratulated the students and shared her experiences. Professor Shubhini said that the new students have reached NIPER after qualifying a national-level examination. Although some students may not have received their preferred stream, there is no need to be discouraged. NIPER has modern laboratories for research in the pharmaceutical field. Everyone should strive to gain maximum experience and skills during their time at NIPER.



One-Month Short-Term Course



NIPER - Raebareli, in association with the Indian Institute of Information Technology, Lucknow (IIIT-L), successfully completed the One-Month Short-Term Course on "Computational Training Program (Python, Artificial Intelligence, Machine Learning, Data Mining, Big Data Analytics)" held from June 11th to July 7th, 2025. Participants actively engaged in cutting-edge computational skills training and were awarded certificates on successful completion of the program.

Certificate Course and Hands-on Training



NIPER - Raebareli successfully completed the Certificate Course and Hands-on Training on "Design and Characterization of Nanomaterials" held from June 30th to July 4th, 2025. Participants received extensive hands-on experience with advanced analytical techniques including Particle Size Analysis, SEM, HPLC, ITC, and more. Certificates were awarded to all participants who actively engaged in the training program.

One-Day Training Program



NIPER-Raebareli successfully conducted a **One-Day Training Program** under the **Rashtriya Karmayogi Jan Seva Program**. The training was attended by regular members of the Institute. The session was effectively led by **Dr. Gopal Lal Khatik** and **Dr. Ashok Kumar Datusalia**, who served as Master Trainers.

Independence Day Celebrated



The 79th Independence Day was celebrated with great enthusiasm at the NIPER-Raebareli campus. On this occasion, Director Prof. Shubhini A. Saraf hoisted the national flag and inspired everyone. She emphasized the role of education, research, and innovation in the nation's progress and encouraged everyone to pledge their collective contribution to the development of the country.

Health Talk on Obesity



NIPER-Raebareli in collaboration with **Max Super Speciality Hospital, Lucknow** successfully organized a **Health Talk on Obesity**. The session was conducted by **Dr. Ajay Shukla**, Consultant - Endocrinologist (Endocrinology & Diabetes), Max Super Speciality Hospital, Lucknow. Students greatly benefited from the insightful discussion on obesity, its causes, and preventive measures.

"Ek Ped Maa ke Naam"



"Ek Ped Maa ke Naam" On 28 July 2025, the 233 Women Battalion of the CRPF carried out a plantation drive at the transit campus of the National Institute of Pharmaceutical Education and Research (NIPER), Raebareli. Every tree planted in honour of mothers is a heartfelt tribute dedicated to nature.

5th Anniversary of NEP 2020



NIPER-Raebareli marked the 5th Anniversary of NEP 2020 with a poster creation event on the theme "Transforming Education for Viksit Bharat." Students showcased remarkable creativity in visualizing NEP's vision of an inclusive, equitable, and forward-looking education system for all. The event was conducted as part of an Institution's Innovation Council (IIC) activity.

World Entrepreneurs' Day



On the occasion of **21st August - World Entrepreneurs' Day**, NIPER-Raebareli organized a Quiz Competition for students to promote ideas of innovation, leadership, and entrepreneurship. The event provided a dynamic platform for young minds to test their knowledge, showcase creativity, and celebrate the spirit of entrepreneurship.

NIPER-Raebareli Secures 17th Rank in NIRF 2025

National Institute of Pharmaceutical Education and Research (NIPER), Raebareli has achieved another significant milestone by securing the 17th position in the National Institutional Ranking Framework (NIRF) 2025 under the Pharmacy category. The rankings were released by the Union Ministry of Education, Government of India. NIPER-Raebareli has performed commendably across various parameters such as Teaching, Learning and Resources, Research and Professional Practice, Graduation Outcomes, and Outreach & Inclusivity. Prof. Shubhini A. Saraf, Director, NIPER-Raebareli, congratulated the faculty, students, and staff for their collective efforts in securing a prestigious position in the national rankings. She emphasized that the Institute is working with dedication towards excellence in pharmaceutical education and research, while also contributing to societal development. She highlighted that the visibility of NIPER-Raebareli continues to grow through impactful research publications, industry collaborations, and active engagement with government initiatives.



Symposium Successfully Concluded



The National Symposium on "Innovations on Age-appropriate Therapeutics for the Elderly: Challenges & Opportunities" was successfully organised on 18th August 2025 at Holiday Inn, Lucknow, by NIPER-Raebareli in association with Sun Pharma Science Foundation. The event brought together leading experts, researchers, and policymakers for insightful discussions on simplifying and innovating healthcare for the elderly.

Commitment towards cleanliness



NIPER-Raebareli observed Swachhata Pakhwada with great enthusiasm. The initiative began with all members of the Institute taking the Swachhata Pledge, reaffirming our commitment towards cleanliness and sustainability. Institute organized a cleanliness drive in nearby areas. Staff actively participated, spreading the message of hygiene and community responsibility beyond the campus.

NIPER-Raebareli at India MedTech Expo



NIPER-Raebareli proudly showcased its innovations in medical devices, biotech, and pharma during Day 1 and Day 2 of the India MedTech Expo 2025 at Bharat Mandapam, New Delhi. The team connected with leaders, industry experts, researchers, and startups, highlighting cutting-edge solutions and strengthening the journey of innovation and collaboration throughout the event.

हिंदी पखवाड़ा 2025 : सफल आयोजन एवं समापन



नाईपर-रायबरेली में हिंदी पखवाड़ा 2025 का शुभारंभ निदेशक प्रो. शुभिनी ए. सराफ द्वारा दीप प्रज्वलन के साथ किया गया, जहाँ उन्होंने सभी को कार्य एवं दैनिक जीवन में हिंदी के अधिकाधिक प्रयोग हेतु प्रेरित किया। पखवाड़े के दौरान संस्थान में निबंध प्रतियोगिता, प्रश्नोत्तरी प्रतियोगिता तथा कर्मचारियों हेतु हिंदी टिप्पण लेखन प्रतियोगिता का सफल आयोजन किया गया, जिनमें फैकल्टी, अधिकारी, कर्मचारी एवं छात्र-छात्राओं ने उत्साहपूर्वक भाग लेते हुए अपनी सृजनात्मकता, अभिव्यक्ति और हिंदी भाषा के प्रति प्रेम को प्रदर्शित किया। कार्यक्रमों का उद्देश्य हिंदी के महत्व को समझना और प्रतिभागियों में भाषा के प्रति जागरूकता बढ़ाना रहा।

Four-day "National Workshop and Training



The Central Animal Facility of NIPER-Raebareli successfully hosted a four-day "National Workshop and Training for Translational Pre-Clinical Success" from September 9th to 12th, 2025. The event drew enthusiastic participation from various institutes across India, featuring hands-on training on lab animals and insightful lectures from distinguished speakers representing esteemed institutions.

Swachhata_Hi_Seva_2025



As part of #SwachhataHiSeva2025, NIPER - Raebareli organized an event. Faculty and staff of Institute came together to take the Swachhata Pledge, reaffirming our commitment to cleanliness, sustainability, and a brighter future. As part of this nationwide campaign, NIPER - Raebareli has initiated activities to: Spread awareness on sustainable practices, Promote collective responsibility & Build a cleaner, greener tomorrow.

Strengthening healthcare innovation



Uttar Pradesh Promote Pharma Council and NIPER-Raebareli have signed an MoU to accelerate research, drug development, and advancement in medical devices. The MoU was signed by Smt. Kritika Sharma (IAS) Managing Director of UP Promote Pharma Council, and Prof. Shubhini A. Saraf, Director, NIPER-Raebareli. This collaboration will boost R&D and manufacturing in the pharma and medical device sector, paving the way for better healthcare solutions from Uttar Pradesh to the nation

Awareness Webinar on Pharmacovigilance



An online webinar was organized on 22nd September 2025 as part of the 5th National Pharmacovigilance Week (17th–23rd September 2025). The awareness lecture focused on the importance of Pharmacovigilance and Materiovigilance, aligned with this year's theme: "Your safety, just a click away: Report to PvPI." The event was conducted in collaboration with the Pharmacovigilance and Materiovigilance Centre, PGIMER Chandigarh.

Foundation Day Celebration

The Institute celebrated its Foundation Day on 26th September 2025 with great enthusiasm. Keynote Speaker Prof. K. Ruckmani, Director, NIPER-Hajipur delivered an insightful scientific lecture that enriched the audience with knowledge and inspiration.

Panel Discussion on World Pharmacist Day

On the occasion of World Pharmacist Day 2025, NIPER-Raebareli organized a Panel Discussion. The sessions highlighted the evolving role of pharmacists in patient safety and healthcare delivery, fostering awareness and inspiring students.

ACHIEVERS

Admission to the Ph.D. program



Sangramjit Basak, M.S. (Pharm.) Biotechnology (2023–2025), has secured admission to the Ph.D. program at Bose Institute, Kolkata. His thesis was submitted under the guidance of Dr. Niranjana Meher.



Mr. Suman Ghosh M.S. (Pharm) student has now secured a Ph.D. position in the Department of Chemistry at the Indian Institute of Science Education and Research, Bhopal.



Ms. Dhanashri Anil Raskar, an M.S. (Pharm) student from Dept of Biotechnology has secured admission to the Ph.D. program in Biological Sciences at NMIMS Mumbai!

Presentation at Windsor



Ms. Akshada S. Mhaske, Ph.D. Scholar in the Department of Pharmaceutics and Commonwealth Split Site Fellow at UCLAN, UK, delivered an oral presentation at Windsor, England, UK.

Ms. Akshada S. Mhaske also delivered a Flash Talk at Queen's University, Belfast, Northern Ireland during the British Society for Nanomedicine's (BSNM) Annual Meeting 2025.

Placements & Internship



Mr. Akshay Yadav, a student of MS (Pharm) – Department of Pharmaceutics has secured a placement offer from BDR Pharmaceuticals!



Mr. Dharavath Naresh, a student of M.S. in Pharmacy (Regulatory Affairs) has successfully secured an internship at HETERO LABS!



Ms. Bhavya Sridevi Sundaraneedi, a student of M.S. in Pharmacy (Regulatory Affairs) has secured an internship at HETERO LABS!



Priyanshu Rajesh Dubey, a student of the NIPER-Raebareli, has secured a placement offer from Aurobindo Pharma!



Mote Vishal (Batch 2024–2026) from the Department of Regulatory Affairs, has secured an internship at Piramal Pharma Ltd.

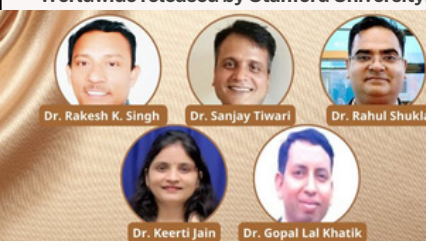


Mr. Ramesh Ambatwar, Ph.D. Scholar, has secured a placement at Aragen Life Sciences, Hyderabad as an Associate Scientist.



Mr. Ganesh Shrimant Sawant, M.S. Pharm., from the Department of Medicinal Chemistry, has secured placement at Aragen Life Sciences, Hyderabad as a Junior Research Associate.

NIPER-Raebareli Faculty make the institution proud by featuring in the List of Top 2% Scientists Worldwide released by Stanford University.



Featured in editorial series



Dr. Niranjana Meher has been featured in the "Voices" editorial series by the prestigious ACS journal Molecular Pharmaceutics! This global platform highlights emerging

perspectives from researchers shaping the future of pharmaceutical sciences — and Dr. Meher's inclusion is a testament to the impactful research being carried out at NIPER-Raebareli.



Dr. Awesh K. Yadav from NIPER-Raebareli featured in the "Voices" editorial series of the prestigious Molecular Pharmaceutics (ACS Publications).

Member of the Royal Society



Dr. Sandeep Chaudhary has been admitted as a Member (MRSC) of the prestigious Royal Society of Chemistry (RSC, UK).

MS (Pharm.) & PhD scholars from NIPER-Raebareli, under the guidance of Dr. Awesh K Yadav and Prof. Rakesh K. Singh, have published their research in the reputed Psychopharmacology Journal (Impact Factor: 3.3)

Title of Publication: “Montelukast attenuated memory decline, neuroinflammatory and neurodegenerative biomarkers in $\text{A}\beta_{1-42}$ exposed model of Alzheimer’s disease in mice”

Review article of **Prof. Sanjay Tiwari and his research group** titled “Thermosensitive self-assemblies: A review on structural and application aspects centred at drug delivery” has been published in the prestigious **International Journal of Pharmaceutics (Elsevier)**.

Dr. Sandeep Chandrashekhara and his research team published research article in **RSC Advances (Impact Factor: 4.6)** titled: “Metal-Free Synthesis of Tricyclic Benzofuro[2,3-c]pyridin-3-ol Derivatives, Characterization, and Photoluminescence Properties.”

Dr. **Ravinder Kumar Kaundal** and his research team published a research article in ACS Pharmacology & Translational Science (Impact Factor: 3.7). **Title of the article:** “A Small-Molecule Activator of Sarco/Endoplasmic Reticulum Ca^{2+} ATPase Attenuates Cerebral Ischemia-Reperfusion Injury by Suppressing Endoplasmic Reticulum Stress and Apoptosis”

Team from the Department of Pharmaceutics and Department of Biotechnology, has published a review article in Microchimica Acta:
Title: Micro- and nanoscale biosensing technologies for early diagnosis of Parkinson’s disease”

A collaborative team from the Department of Biotechnology and Department of Pharmaceutics, NIPER-Raebareli, has published a Review article in ACS Chemical Neuroscience:
Title: “The Aggregation Continuum of α -Synuclein and Its Relevance to Brain Aging”
Authors: Anika Rana, Tejas Nikam, Bhargavi Sreepathi, Prof. Shubhini A. Saraf, and Dr. Saurabh Awasthi*

Dr. Rahul Shukla (PI) and **Dr. Ravinder Kaundal (Co-PI)** received a Research Grant from the **Council of Science & Technology, Uttar Pradesh (UPCST)** for a period of 3 years. Their project titled “Flavanoid-loaded mannosylated nano lipidic vesicles for therapeutic intervention of Wilson disease” is a remarkable step towards innovative healthcare solutions.

Dr. Rahul Shukla and his team review paper published in **RSC Pharmaceutics**.
Title: Emerging Smart Microneedle Technologies in Psoriasis: Convergence of Nanocarriers, Machine Learning, and Personalized Delivery

Dr. Sandeep Chandrashekhara (Assistant Professor) and his research scholar Subrata Barick, Department of Medicinal Chemistry, published a research article in Tetrahedron (Elsevier).
Title: “Amidation of Amino Aryl Acids with Orthoesters in Aqueous Ammonium Hydroxide: A Strategy to Construct Quinazolinones and Pyrido[2,3-d]pyrimidinone”

Dr. Awesh K Yadav and his research team’s review article entitled “An Insight on Pillararene-Functionalized Mesoporous Silica Nanoparticles for Targeted Drug Delivery and Theranostics in Cancer” accepted in Molecular Pharmaceutics (ACS Publications).

Dr. Rahul Shukla and his research teams paper accepted in the prestigious *Journal of Biomaterials Science: Polymer Edition (Taylor & Francis)*.

Paper Title: *Advancements in Cartilage Tissue Regeneration: Harnessing Nano- and Microtechnology for Enhanced Mesenchymal Stem Cells Delivery in Osteoarthritis Treatment*

Dr. Sandeep Chandrashekhara and his research scholar Surbhi from the Dept of Medicinal Chemistry received an **Indian Patent (No. 569870)** entitled: “Fluorescent Benzofuro[2,3-c]Pyridinol Compounds and Process for Preparation Thereof”

Faculty and scholars have published a review article in the International Journal of Biological Macromolecules (Impact Factor: 8.5) titled: “RNA nanoparticles: Emerging biomolecular scaffolds for precision diagnostics and targeted therapeutics”

Dr. Keerti Jain (Associate Professor) and **Dr. Teeja Suthar** (Research Scholar), Department of Pharmaceutics, published a research article in RSC Pharmaceutics.

Title of the article: “Development and Evaluation of N-acetyl cysteine-grafted Polyamidoamine Dendrimers for Enhanced Brain Delivery of Donepezil hydrochloride”

Dr. Sandeep Chandrashekhara, Assistant Professor, Department of Medicinal Chemistry, along with his research team, has published a research article in the Journal of Molecular Structure (Elsevier, Impact Factor: 4.7).
Title of the Paper: Design, Synthesis, Characterization, and Larvicidal Activity of Novel ethyl 3-benzoyl-7-(4-substituted)-indolizine-1-carboxylate and diethyl 3-(4-substituted)-7 (4-nitrobenzyl) indolizine-1,2-dicarboxylate analogs against Anopheles arabiensis

Dr. Sandeep Chaudhary (PI) and **Dr. Ashok K. Datusalia (Co-PI)** from NIPER-Raebareli have been awarded a prestigious **Research Grant of p14.86 Lakh for 3 Years** by the **Council of Science & Technology, Uttar Pradesh (UPCST)**.

Dr. Sandeep Chandrashekhara and his research team from the Department of Medicinal Chemistry for published their research article in the Journal of Molecular Structure (Elsevier, Impact Factor: 4.7) entitled “Synthesis of Trisubstituted Pyrroles Via Cycloamination of Substituted 2-Acetyl-1,4-diketones”

Dr. Keerti Jain, Associate Professor, Department of Pharmaceutics, NIPER-Raebareli, received a **Research Grant of Rs. 35 Lakhs** from the Central Council for Research in Ayurvedic Sciences (CCRAS), New Delhi, in collaboration with **CARI, Jhansi**.

