



National Institute of Pharmaceutical Education and Research

NIPER-RAEBARELI

Issue, October-December 2023

NEWSLETTER

**SPECIAL
COVERAGE**

Janjatiya Gaurav Divas



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

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3rd Janjatiya Gaurav Divas 2023 Celebration

'Janjatiya Gaurav Divas 2023' was celebrated to honor the culture, heritage, and dignity of tribal communities. In India, November 15th is celebrated as Janjatiya Gaurav Divas, also known as 'Tribal Pride Day' in memory to honor the birth anniversary of tribal freedom fighter, Birsa Munda. The objectives of this celebration are promoting the welfare of the tribal communities, providing opportunity to highlight the challenges that these communities are facing over the years, enlisting the need of the upliftment of these communities and recognizing the contribution of the tribes in various fields including art, culture and sports.

On this occasion NIPER-Raebareli organized a week-long program from 15th to 26th November 2023. As a part of this, events such as Poster Display representing the tribal community, a Speech Competition and Presentations were organized in which students participated enthusiastically and highlighted the contribution of prominent figures/personalities from the tribal community.

1. Digital/Artwork Poster display from 15-22th Nov, 2023 (Representing the tribal community)

2. Speech Competition on 20th Nov 2023.
Topic: Prominent figures / renowned person from the tribal Community

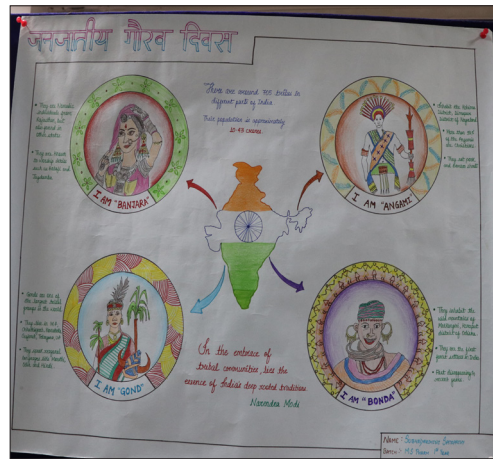
3. Presentation competition on 24 Nov, 2023
(Medicinal plants and medicines used by tribal Communities).

Digital/Artwork Poster display

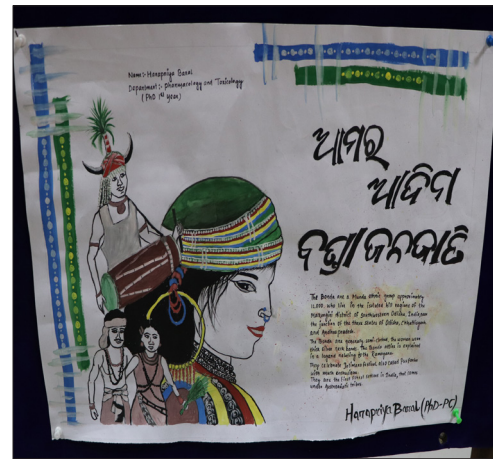
Students from all the departments participated in the Digital/Artwork Poster display Representing the tribal community. Posters prepared by students are being displayed here.



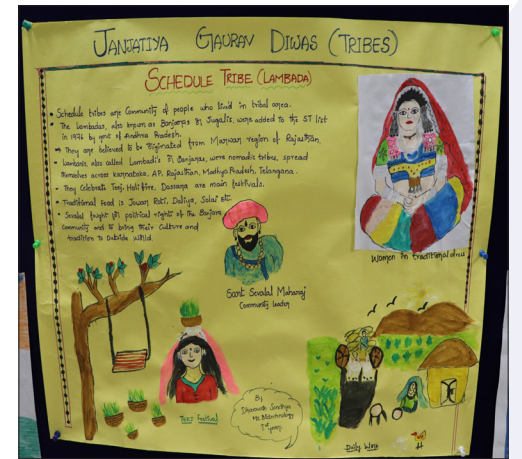
Paarth Kumar



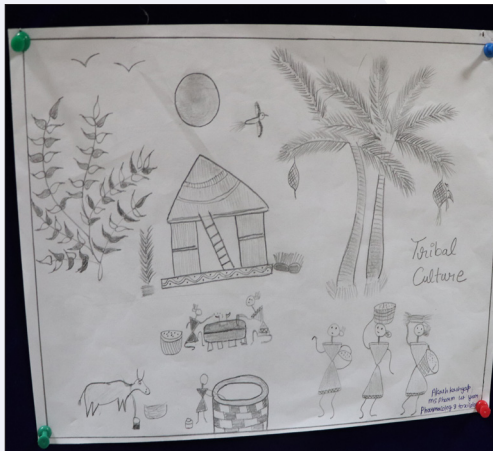
Subhadarshini Satapathy



Harpriya Baral



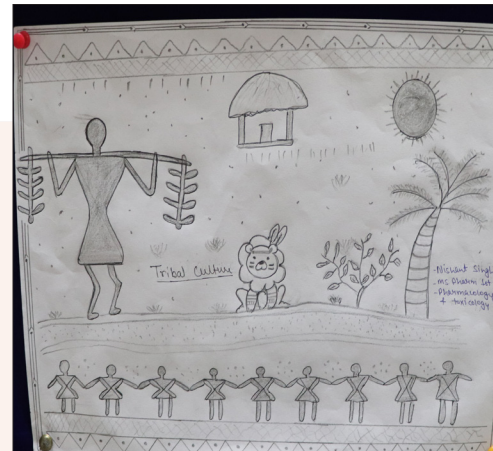
Dharavath Sandhya



Akash Kashyap



Archana Bhatta



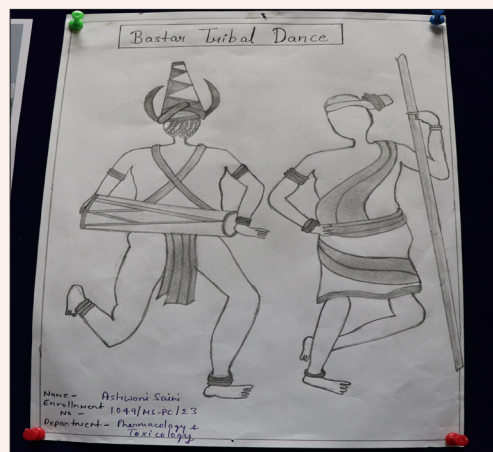
Nishant Singh



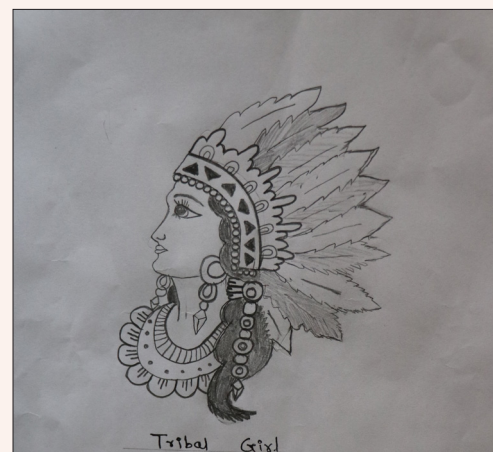
Ruluja Nikam



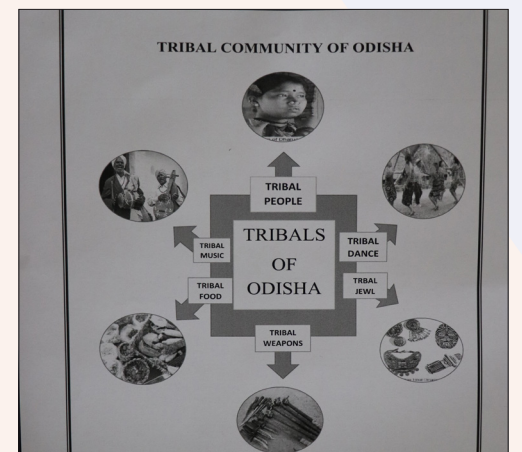
Deevanshu Saxena



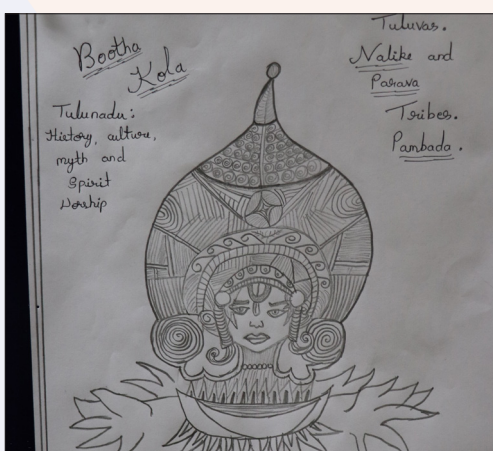
Ashwini saini



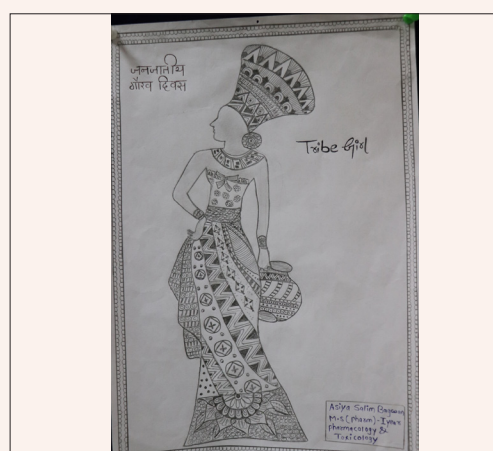
Shinde Dnyaneshwari



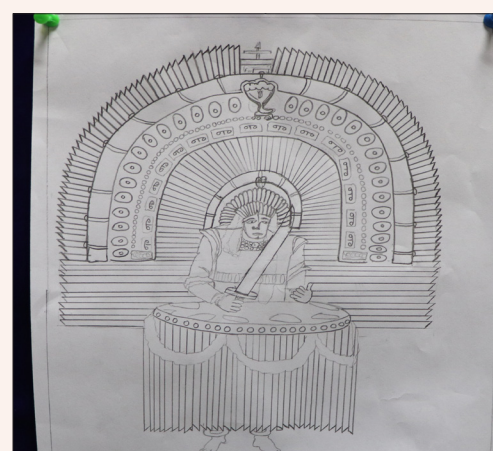
Raghunath Prashad



Tejas Kumar A.



Asiya Salim Bagwan



Sakhare Pratima Vinayak



Divyanshu tripathi

Speech Competition on Prominent tribal figures

As part of celebrations of '3rd Janjatiya Gaurav Divas 2023' NIPER - Raebareli organized a speech competition on the theme 'Prominent figures / renowned person from the tribal Community'. The Competition witnessed enthusiastic participation from students. Later, students were given certificates of appreciation for their participation in the programme. M.S. Farm (Biotechnology) student Deepali Dongre won the first prize by giving a presentation on the life struggle of tribal revolutionary Baburao Shedmake. Reen Subba (MS Pharmacology and Toxicology - 2nd year) got second position and Vivek (MS Medicinal Chemistry - 1st year) got third position.

Students gathered to acknowledge not just the triumphs of our celebrated heroes but also to reflect upon the unfortunate reality that some of our remarkable figures, who played significant roles in our struggle for independence, have faded into the background of our collective memory. **Some excerpts from the speech given by the students are being displayed here.**



“ Shri Tilka Manjhi launched an open rebellion against the British, in which he assembled the Adivasis to form an armed group to fight against the resource grabbing and exploitation of the British Rulers.

- Anju, MS Pharmacology and Toxicology (1st year)

“ Birsa Munda used the slogan for threatening the British Raj - 'Abua Raj ete jana, maharani Raj tundu jana'. ("Let the kingdom of the queen be ended and our kingdom be established.").

- Bhavini Saraf, Integrated PhD (1st year)

“ Krantisurya Baburao Shedmake was trained in wrestling, archery, sword and spear at the age of 3 years. He established 'Jangim Sena' against the British. The British soldiers lost three battles. After this the British government issued an order to capture Baburao dead or alive. - Dipali Dongare, MS Biotechnology (2nd year)

“ Helen's story is emblematic of the resilience and unwavering commitment found within tribal communities. At the age of 15, she made a bold decision, dropping out of school to join the Charkha and Khaddar movements. - Reena Subba, MS Pharmacology and Toxicology (2nd year)

“ Baba Tilka Manjhi led the famous revolt against the British from 1771 to 1784 and wrested the Ramgarh Camp from them by forging a joint front with Pahadia Sardars. In 1784, Tilka Manjhi killed Augustus Cleveland, the magistrate of Rajmahal. - Jyoti Verma, MS Pharmacology and Toxicology (2nd year)

“ Birsa Munda's great rebellion 'Oolgulan' went on from 1895 to 1900. In just 25 years of his life, he had achieved so many achievements that even today the people of India remember him. There is a picture of the only tribal leader Birsa Munda in the Parliament. - Priyanka Arora, MS Pharmaceutics (2nd year)

“ Rajmohini Devi ji was an Indian social worker. She was born in a small village in Sarguna district of Chhattisgarh state in India. She was a prominent figure in the tribal communities of India, particularly in the state of Manipur. - Shivam Tyagi, MS Regulatory Toxicology (2nd year)

“ Gladson Dungdung stands as a beacon of hope and a symbol of perseverance in the quest for indigenous rights. His journey from a small Adivasi community to the global stage is a testament to the power of individuals to make a difference. - Hemant Soni, MS Pharmacology and Toxicology (2nd year)

“ In 1894, Birsa announced his declaration against the British and thus began the Munda Ulgulan. This was very important rebellion of the tribal people among the various uprisings of the tribals and peasants in India in the 19th century. - Tushar Mishra, MS Pharmacology and Toxicology (2nd year)

“ Tantya Bhil, the public leader of MP, is among those heroes of the freedom movement, who continued the campaign of destroying the Firangi power till his last breath. Tantya also called Robin Hood because he used to distribute the goods looted from the British among the exploited tribals. - Akanksha Chaturvedi, JRF Pharmaceutics

Presentation of Medicinal plants used by tribals

The rich traditional knowledge of medicinal plants held by the tribes in India emphasize the importance of preserving and integrating indigenous practices into modern healthcare system. Students of NIPER-Raebareli come forward to encourage and recognize this practice of tribal communities for their upliftment and betterment of the society. In Presentation competition Students presented Medicinal plants and medicines used by tribal Communities. In Presentation students emphasized that Some collaboration can be done by incorporating the knowledge of medicines from these local people to harness the therapeutic potential of these resources for the benefit of both local communities and medical advancement.

Student Name & Department	Tribes & Region	Presentation of Medicinal herb	
Ankit (Dept. of Medicinal Chemistry)	Kuruma, Kani, Palliyar, (Tamil Nadu & Kerela)		Argemone mexicana, Acalypha indica, Justicia adhatoda, Terminalia chebula, Cipadessa baccifera, Alpina galanga.
Bhavini Saraf, Integrated PhD (1st year)	(Western Himalaya, Kashmir, Himanchal Pradesh, Uttarakhand)		Chora, Tagar, Kuth, Manjistha, Pashanbheda
Archana Allikayala PhD Scholar (Dept. of Pharmaceutics)	Kachari, Miri, Rabha, Adi, Nyishi, Apatani, Monpa, Wanchho, Naga, Garo and Khasi (East Zone of India)		Charudo ghigha, Usipak, Talishpatra, Latumoni, Apamarga, Vatsanabh, Hansraj, Bel, Latumoni, Talamuli
Hemant Soni, M.S. Pharm 2nd year (Dept. of Pharmacology and Toxicology)	Lahul, Lepcha, Bhotia, Tharu, Buxa, Jaunsari, Khampa, Bhoksa, Gujjars and Kanauta (North Zone of India)		Atees (Aconitum heterophyllum), Garlic (Allium sativum), Pashanbhed (Bergenia ligulata), Pushkarmool (Inula racemose)
Sanku Jhansi M.S. (Pharm.) (Dept. of Biotechnology)	tribal communities of Panchmahals District and Dang District of Gujarat state		Terminalia bellirica, Sida cordifolia, Adina cordifolia, Amorphophallus paeoniifolius,
Supriya Samala M.S.(Pharm) (Dept. of Pharmaceutics)	Adi and Khamti tribe of Eastern zone of India		Kali Haldi
Paarth Kumar (Dept. of Regulatory Toxicology)	Kirat, Tharu, Bhoxa and Bhotia Tribe (Himachal Pradesh, Utrtrakhand)		Swertia chirayita, Burans, Kaphal, Bana, Khatimal,
Pradhun Kumar (Dept. of Pharmacology And Toxicology)	Chero Tribe (Jharkhand, Uttar Pradesh and Bihar)		Neem, Tulsi, Turmeric, Giloy, Amla
Prajakta Ghume, MS (Pharm) (Dept. of Regulatory Toxicology)	Gaddi (Himachal Pradesh), Gujjar (Uttarkhand), Bhutiya (Sikkim), Bhils (Rajasthan), Tharu (U.P.)		Guggul, Ashwagandha, Cordyceps sinensis, Guduchi, Safed musli, Tyrkhang khyllai, Sohbyrthit
Raghunath Prasad Tripathy, MS (Pharm) (Dept. of Regulatory Toxicology)	Jaintia tribes (North India)		Amaranthaceae, Acanthaceae, Asteraceae, Apocynaceae, Zingiberaceae, Araceae, Liliaceae, Acanthaceae, Bigoniaceae
Rashi Rathore, M.S. (Pharm.) (Dept. of Biotechnology)	Gond, Bhil Pawara, Tadvi Gavit, Mavchi, Vasave and Nandurbar tribes (Maharashtra)		Ficus hispida L.f, Terminalia bellirica, Gmelina arborea, Calotropis procera
Reena Subba, 2nd year M.S. (Pharm.) (Dept. of Pharmacology and Toxicology)	Giddi Tribe (Himachal Pradesh)		Aegle marmelos,
Londhe Sachin Bhimrao M.S. (Pharm.) (Dept. of Pharmaceutics)	Tribals of Bihar, Jharkhand, Odisha, west Bengal, Andaman and Nicobar		Gaur patha, Sambhalu, Haldu, Munga, Sepri
Sukuru chinna reddy, (Dept. of Pharmaceutics)	Tribal Community of East Zone		Tinospora cordifolia,

Special Campaign 3.0 for Swachhta

Under the Special Campaign for Disposal of Pending Matters (SCDPM 3.0), the “Special Campaign” has been undertaken from 2nd October to 31st October 2023, at the National Institute of Pharmaceutical Education and Research, Raebareli. Staff cleaned site, near a petrol pump at bijnor-Sisendi Road, sarojini nagar, Lucknow. A cleanliness drive was organized to clean the outside campus area of the institute.

Approximately 500 kgs of scrap cardboard has been identified with a tentative value of Rs 3500 based on prevailing market rates. The disposal process was also completed. The first aid boxes in both the campus and hostel premises were replenished with fresh supplies, while any outdated and expired medicines were appropriately disposed of. New bandages, cotton, and medicines were made available for the use of both students and staff.

The faculty members and staff of NIPER- Raebareli undertook a meaningful visit to the nearest school at Kamlapur. The primary objective was to raise awareness among the students, emphasizing the significance of cleanliness in shaping a healthier future. fogging exercise was conducted in the premises of a primary school.

राष्ट्रीय औषधीय शिक्षा एवं अनुसंधान संस्थान, रायबरेली

National Institute of Pharmaceutical Education and Research, Raebareli

#SpecialCampaign3.0



Sexual Harassment at Workplace Prevention Week



NIPER - Raebareli observed Sexual Harassment at Workplace Prevention Week from December 4th to 9th, 2023. In this regard, a interactive workshop on the Sexual Harassment Act 2013 was held for staff & students of the Institute. Dr. Abha Sharma raised awareness among attendees.

Laxmi Pooja in Diwali Celebrations



Glimpse of the Garba night at campus



Committed effort to bring more transparency

National Institute of Pharmaceutical Education and Research Raebareli observed Vigilance Awareness Week 2023. On the occasion of National Unity Day, Faculty & staff of Institute took the Unity Pledge. Integrity pledge was also administered by the Faculty & Staff as a part of Vigilance Awareness Week. Let's come together and make a committed effort to bring more transparency.



Dean Honored with the title of “Honorary Professor” by Perm State University, Russia

Dr. Sandeep Chaudhary, Dean of NIPER, Raebareli, has been honored with the title of “Honorary



PERM STATE UNIVERSITY

Discovering the world, creating the future



Professor” by Perm State University, a Prestigious University in Russia. For more than 10 years, Dr. Chaudhary has worked on several research projects with Russian Collaborator Prof. Irina V. Mashevskaya, Dean and Professor, Department of Organic Chemistry, Faculty of Chemistry, Perm State University funded by National agencies including DST-RFBR Indo-Russian Project, and also funded by the Ministry of Education and Science, Perm Krai Area, Russia. He has mainly conducted research on the exploration and discovery of new pharmaceutically privileged bioactive heterocycles/therapeutics/drugs in the field of anticancer chemotherapy with scientific teams from many countries. Now, the collaboration between India and Russia is further extended towards the development of new bioactive molecules for the treatment of Alzheimer's disease, a neurodegenerative disease leading to Dementia and loss of memory and thinking ability.

3 faculty members of NIPER-Raebareli get International Recognition

Three faculty members of NIPER- R, one of the country's top institutes in the field of pharmaceutical research and education, have achieved international recognition. They have secured a place in Stanford University's prestigious global list of top 2 percent scientists. These include Dr.

Rakesh Singh, Associate Professor, Department of Pharmacology and Toxicology, Dr. Kirti Jain, Assistant Professor, Department of Pharmaceutics and Dr. Rahul Shukla, Assistant Professor, Department of Pharmaceutics.



On this achievement of NIPER-R professors, the institute says that this is a testament to the excellent research contribution made by the NIPER team on the world platform. NIPER-R Director Professor Shubhini A. Saraf said, “This achievement reflects the exceptional research standards adopted at NIPER-R. It positions our institute on the global platform of excellence and fills us with immense pride.”

Nearly 3,500 researchers from India have been included in the list of world's top US-based Stanford University, highlighting the significant impact of the country's scholarly efforts on the global research landscape.

MoUs with CSIR-IITR, Lucknow and Mediline Clinical Service Pvt Ltd

A Memorandum Of Understanding (Mou) Was Signed On 10-12-2023 Between NIPER-Raebareli And CSIR-IITR, Lucknow For Environmental, Toxicology, Nano Materials, Toxicology. In vivo and In vitro study, Food drugs and chemical Toxicology.

Another Memorandum Of Understanding (Mou) Was Signed On 19-10-2023 Between NIPER-

Raebareli And Mediline Clinical Service Pvt Ltd For Exchange Of Scientific Staff, Joint Research Initiatives, Conduct Clinical Trials, Clinical Monitoring Services, Medicinal Writing Services, Standalone Analytical And Clinical Services, Training, Workshop, Symposia Etc.



Team of Institute published Research article in Journal of Physical Chemistry B entitled “Nile Blue: A Red-Emissive Fluorescent Dye That Displays Differential Self-Assembly and Binding to G-Quadruplexes”



Dr Saba Naqvi's research team article accepted in nanomedicine entitled “Age dependent assessment of selenium nanoparticles: biodistribution and toxicity study in young and adult rats”



Team of Dr. Gopal Lal Khatik, Dept of Medicinal Chemistry published A Review Article entitled “Recent advancements in the treatment of Alzheimer's disease: A multitarget-directed ligand approach” in Current Medicinal Chemistry



Dr. Rahul Shukla's Team published A Review Article entitled “Combining Donepezil and Memantine via mannosylated PLGA nanoparticles for Intranasal delivery: Characterization and preclinical studies” in Biomaterials Advances, Elsevier

Dr. Awesh K. Yadav's research group published a review article entitled “Repurposing and Clinical Attributes of Antidiabetic Drugs for the Treatment of Neurodegenerative Disorders” in European Journal of Pharmacology (Elsevier).



Dr. Sandeep Chandrashekhara and his research team published an IOPScience book chapter entitled “Graphene-based Sensing Platform for Analysis of Food Flavours and Additives”



Team of Dr. Rakesh K. Singh published a research article “Neuroprotective responses of quercetin in regulation of biochemical structural and neurobehavioral effects in 28-day oral exposure of iron in rats” in “Toxicology Mechanisms and Methods” Journal:



Dr. Rahul Shukla's research group Review Paper accepted in Molecular Neurobiology Journal entitled “Nano-Mediated Molecular Targeting in Diagnosis and Mitigation of Wilson Disease”

Dr. Keerti Jain's research group Research article accepted in AAPS PharmSciTech Journal entitled “One platform comparison of polymeric and lipidic nanoparticles for the delivery Amphotericin B”



Dr. Rahul Shukla's Team published A Research Paper entitled “ApoE3 Anchored Stealth-Liposomal Delivery of Rivastigmine for Brain Delivery: Formulation, Characterization and in vivo Pharmacokinetic Evaluation” in “AAPS PharmSciTech” Journal.



Dr. Abhishek Dey published a research article entitled “Structural Modifications and Novel Protein-Binding Sites in Pre-miR-675—explaining Its Regulatory Mechanism in Carcinogenesis” in “non-coding RNA” Journal

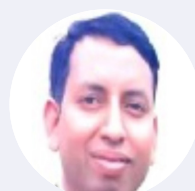


Dr. Keerti Jain's research team Review Article entitled “Role of Angiogenesis and its Biomarkers in Development of Targeted Tumor Therapies” accepted in “Stem Cells International” Journal in collaboration with DPSRU, New Delhi & NIPER - Kolkata

Dr. Nihar Ranjan and Ms. Surabhi Gupta published an Article entitled “Effect of the Standardized ZnO/ZnO-GO Filter Element Substrate driven Advanced Oxidation Process on Textile Industry EffluentStream: Detailed Analysis of Photocatalytic Degradation Kinetics” in collaboration with Dr. Shantanu Bhattacharya's group at IIT-Kanpur.



Dr. Gopal L. Khatik and his research team published a Review Article entitled “Advancements in synthesis and application of 1,5-Benzodiazepines A privileged scaffold with a wide scope of bioactivities” in Current Organic Chemistry



Research Team of Dr. Keerti Jain, Department of Pharmaceutics filed Patent “Amphotericin B-loaded zein-based formulation and its process of preparation”



Dr. Sandeep Chandrashekhara and his research team published a book chapter entitled “Surfactant Sensors for Food Quality Monitoring” in Royal Society Of Chemistry.

UP Council of Science and Technology has Sanctioned one Research Project to Faculty of National Institute of Pharmaceutical Education and Research, Raebareli {PI : Dr. Rakesh Kumar Singh & Co-PI : Dr. Sandeep Chandrashekhara}



Dr. Nihar Ranjan and Mr. Sachin Metangle published a research article entitled “Preferential Binding of a Red Emissive Julolidine Derivative to a Promoter G-quadruplex” in “ChemBioChem” Journal



Team of Department of Medicinal Chemistry and Department of Pharmacology & Toxicology for published a research article entitled “Cobalt perchlorate hexahydrate catalyzed one-pot synthesis of dihydropyrimidin-ones/- thiones through sonochemistry and its mechanistic study using density functional theory calculations” in Journal of “Heterocyclic Chemistry”.



Dr. Awesh K. Yadav's research group for published a Review Article entitled “Bioinspired Theranostic Quantum Dots: Paving the Road to a New Paradigm of Cancer Diagnosis and Therapeutics” in Drug Discovery Today (Elsevier).

Dr. Awesh K. Yadav's research group for published a Research Article entitled “Transferrin Functionalized Poloxamer-Chitosan Nanoparticles of Metformin: Physicochemical Characterization, In-vitro, and Ex-vivo Studies” in Drug Development & Industrial Pharmacy



Dr. Abha Sharma research group published Research article in Journal of Photochemistry & Photobiology, A: Chemistry entitled “Microwave-assisted green synthesis and photophysical properties of bis-heterocyclic fluorophores”



Dr. Sandeep Chandrashekhara and his research team published a research paper entitled “One-Pot Construction of Novel Trifluoromethyl Dihydro-imidazo [1, 2-a]pyridine: A Greener Approach” in Tetrahedron, Elsevier



Team of Dr. Gopal Lal Khatik published A Review Article entitled “Exploration of Simple and Economic D- π -A-Chalcone in Selective Fe³⁺ Metal Sensing via PET Quenching Effect in Water as a Medium and Mechanistic Study using DFT Calculations”

NIPER - Raebareli organized a National Seminar

NIPER - Raebareli organized a National Seminar on “Novel Paradigms in Controlled Drug Delivery to Strengthen Innovation and Translation in Pharmaceutical Formulations” in collaboration with Controlled Release Society on December 22, 2023. More than 200 participants from different areas of the country participated in the seminar. The event, held at the Hilton Garden Inn Hotel, Gomtinagar, featured discussions by renowned experts in the pharmaceutical field on enhancing innovations and the use of Artificial Intelligence (AI) in drug development.

Dr. Tathagata Dutta, President of Jodas Expome Company, Dr. Mukesh Kumar, Founder Director of Ortiv Q3 Research Pvt. Ltd., Professor Vandana Patravale of ICT-Mumbai, Dr. Vaibhav Dubey, General Manager of Kashiv Biosciences LLC, Dr. Amit Mishra, Senior Scientist of CSIR CDRI, Dr. Ramakrishnan Parthasarathy, Chief Scientist, CSIR-IITR, Lucknow, participated as a speaker in the seminar.

The researchers who came to the seminar displayed new technologies, therapies and medical devices through poster presentations. At the end of the conference, Director of NIPER-Raebareli, Prof. Shubhini A. Saraf thanked all the speakers and researchers.



Faculty Members Delivered Talk in Different Conference

■ Dr. Saba Naqvi, Assistant Professor, NIPER - Raebareli delivered a talk on bioimaging tools in the 4th world congress on drug discovery & development-2023 “advances in drug discovery and development” held at 29th October J.N.TATA Auditorium, Indian Institute Of Science, Bengaluru. Dr. Abha Sharma, Associate Professor, delivered a talk on “Pyridoxine Based Derivatives as Anti-Alzheimer’s Agent” in the same Event.

■ Dr. Sandeep Chandrashekarappa, Assistant Professor, Department of Medicinal Chemistry, delivered an invited talk on “Novel Indolizine Derivatives –Design, Synthesis and Anti-tubercular Potential” in International conference organized by JSS AHER, Mysuru.



■ Dr. Rahul Shukla, Dr. Ravinder Kaundal & Dr. Ashok K. Datusalia delivered an invited talk in the “53th Annual meeting and International Conference of Indian Pharmacological Society” held during December 14 - 16, 2023, organized at SRM Chennai.

Session on Stress Management

Dr. Nimisha Vandan, the CEO of OkayMinds in Hong Kong, delivered an invaluable session on “Stress Management and Resilience among Pharmacy Students” at NIPER-Raebareli. Her straightforward approach made the session easily relatable, leaving a lasting impression on all attendees.



Director shares her thoughts on PRIP



Prof. Shubhini A Saraf, Director, NIPER-Raebareli shared her thoughts on how Promotion of Research & Innovation Program (PRIP) is designed to promote a dynamic ecosystem for pharmaceutical R&D.

Access full article: <https://shorturl.at/aboQ6>

Other Programs Organized

NIPER-Raebareli organized one day Online Symposium On “Application-based recent advances in fluorescent materials” on 29th November, 2023.

NIPER - Raebareli organised 6 days Certificate cum training course on “Improving the Quality and Outcome of Experimental Research: through Laboratory to Investigators Approach.”

NIPER - Raebareli celebrated the 62nd National Pharmacy Week with the theme, “Join Pharmacists to Ensure Patient Safety.”

3 Days Placement Workshop



National Institute of Pharmaceutical Education and Research, Raebareli organised 3 Days Placement Readiness Workshop for students. Dr. Lata bajpai Singh from BBAU is the resource person.

ACHIEVERS

Best Presentation at the International Conference

Ms. Manisha Patel, Ms. Shivani and Mr. Mayur Kapade won awards at the International Conference on Drug Development & Drug Delivery (CD4-2023) held at the Institute of Pharmaceutical Sciences, University of Lucknow

Best Poster Presentation



Ms. Manisha Patel
Ph.D. scholar
Department of Pharmaceutics

Second prize in Oral Presentation



Ms. Shivani
Student, MS (Pharm.)
Department of Pharmacology and Toxicology



Mr. Mayur Kapade
Student, MS (Pharm.)
Department of Regulatory Toxicology

Best Participation in the Workshop

Salumuri Vamsi Vardhan, MS (Pharm) 2nd year (Department of Biotechnology) received a certificate & memento for the best participation in the workshop organized by ICT, Mumbai from 4 to 10 Dec 2023 under the scheme of DST-STUTHI.



Best Oral Presentation Award

Ayush & Manaswini Behera won awards at the Conference “Advanced Functional Materials and Informatics (AFMI-2023)” conducted by Indian Institute of Technology (BHU), Varanasi.

Best Oral Presenter Award

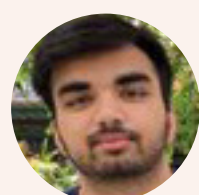


Ayush
Student, MS (Pharm.)
Department of Pharmaceutics



Manaswini Behera
Student, MS (Pharm.)
Department of Pharmaceutics

Selected in Karyashala



Ankit Kumar and Priyanka Arora of Dept of Pharmaceutics Selected in Karyashala on- “Biology meets nanotechnology: a fruitful amalgamation for research advancement”, sponsored by DST Department of Biophysics, Panjab University, Chandigarh.



2nd in oral presentation

Ms Reena Subba, Reena Subba, 2nd year M.S. (Pharm.) (Dept. of Pharmacology and Toxicology) won second prize in oral presentation at ‘AdtU PHARMACON 2.0’ International Conference held on 13th & 14th October 2023, organized by the Faculty of Pharmaceutical Science, Assam down town University, Guwahati, Assam



जनजातीय समुदाय द्वारा उपयोग की जाने वाली औषधियां प्रस्तुत कीं

अवधाना संवाददाता

लखनऊ। लखनऊ के सरोजिनी नगर स्थित नेशनल इंस्टीट्यूट ऑफ फार्मास्यूटिकल एजुकेशन एंड रिसर्च (नाइपर), रायबरेली के ट्रांजिट कैम्पस में जनजातीय गौरव दिवस के अंतर्गत सप्ताह भर चले समारोह में कई कार्यक्रम आयोजित किये गए। संस्थान के छात्र-छात्राओं द्वारा जनजातीय समुदाय द्वारा उपयोग किये जाने वाले औषधीय पौधे और औषधियों की प्रस्तुति दी गई।

विशेषकर उत्तरी भारत के आदिवासी क्षेत्रों में इस्तेमाल होने वाली औषधियों पर प्रस्तुति देकर एम.एस. फार्म (रेंगुलेटरी टॉक्सिकॉलजी) की स्टूडेंट प्राजक्ता घुमे ने इस प्रतियोगिता में प्रथम पुरस्कार प्राप्त किया। समारोह



के तहत 'आदिवासी स्वतंत्रता सेनानियों' विषय पर भाषण प्रतियोगिता का आयोजन किया गया। इसमें एम.एस. फार्म (बायोटेक्नॉलजी) की स्टूडेंट दीपाली डोंगरे ने आदिवासी क्रांतिवीर बाबुराव शेडमाके के जीवन संघर्ष पर प्रस्तुति देकर प्रथम पुरस्कार प्राप्त किया। इसके साथ ही पोस्टर प्रतियोगिता के तहत विद्यार्थियों ने आदिवासी समुदाय के बलिदान एवं जीवनशैली को प्रदर्शित

किया। जनजातीय गौरव समारोह के साथ-साथ नाइपर के विद्यार्थियों ने 62वां राष्ट्रीय फार्मसी सप्ताह भी मनाया। पीएचजी एवं पीजी प्रोग्राम के विद्यार्थियों ने फार्मसी पेशे में बरती जाने वाली सावधानियों पर प्रजेंटेशन दिया, ताकि आम लोगों द्वारा दवाओं का सुरक्षित इस्तेमाल किया जा सके। नाइपर- रायबरेली की डायरेक्टर प्रोफेसर शुभिनी ए. सराफ ने सभी प्रतिभागियों को बधाई दी।

जनजाति गौरव सम्मान समारोह आयोजित



जनजाति गौरव दिवस पर उपस्थित नाइपर की डायरेक्टर व बोधकर्ता।

रायबरेली (एसएनबी)। जनजातीय स्वतंत्रता सेनानियों के बलिदान को मान देने के लिए इस वर्ष के राष्ट्रीय जनजाति कार्य मंत्रालय ने 15 से 26 नवंबर तक जनजातीय गौरव समारोह मनाने का फैसला किया था। ज्ञातव्य हो कि भारत के स्वतंत्रता संग्राम को संघाल, तमाड़, कोल, भील, खसी और मिजो जैसे जनजाति समुदायों के नेतृत्व में कई आंदोलनों द्वारा मजबूती दी गई थी। इन्हीं को सम्मान देने को लखनऊ के सरोजिनी नगर स्थित नेशनल इंस्टीट्यूट ऑफ फार्मास्यूटिकल एजुकेशन एंड रिसर्च (नाइपर) रायबरेली के ट्रांजिट कैम्पस में जनजातीय गौरव दिवस के अंतर्गत

सप्ताह भर चले समारोह में कई कार्यक्रम आयोजित किये गए। संस्थान के छात्र-छात्राओं द्वारा जनजातीय समुदाय द्वारा उपयोग किये जाने वाले औषधीय पौधे और औषधियों की प्रस्तुति दी गई। विशेषकर उत्तरी भारत के आदिवासी क्षेत्रों में इस्तेमाल होने वाली औषधियों पर प्रस्तुति देकर एम.एस. फार्म (रेंगुलेटरी टॉक्सिकॉलजी) की स्टूडेंट प्राजक्ता घुमे ने इस प्रतियोगिता में प्रथम पुरस्कार प्राप्त किया। समारोह के तहत आदिवासी स्वतंत्रता सेनानियों विषय पर भाषण प्रतियोगिता का आयोजन किया गया। इसमें एम.एस. फार्म (बायोटेक्नॉलजी) की स्टूडेंट दीपाली डोंगरे ने आदिवासी क्रांतिवीर बाबुराव शेडमाके के जीवन संघर्ष पर प्रस्तुति देकर प्रथम पुरस्कार प्राप्त किया। पोस्टर प्रतियोगिता में विद्यार्थियों ने आदिवासी समुदाय के बलिदान एवं जीवनशैली को प्रदर्शित किया। जनजातीय गौरव समारोह के साथ-साथ नाइपर के विद्यार्थियों ने 62वां राष्ट्रीय फार्मसी सप्ताह भी मनाया। नाइपर-रायबरेली की डायरेक्टर प्रोफेसर शुभिनी ए. सराफ ने प्रतिभागियों को बधाई दी।

औषधीय पौधे और औषधियों की प्रस्तुति



लखनऊ। सरोजिनीनगर स्थित नेशनल इंस्टीट्यूट ऑफ फार्मास्यूटिकल एजुकेशन एंड रिसर्च (नाइपर), रायबरेली के ट्रांजिट कैम्पस में रायबरेली को जनजातीय गौरव दिवस समारोह मनाया गया। इस मौके पर जनजातीय समुदाय द्वारा उपयोग किए जाने वाले औषधीय पौधे और औषधियों की प्रस्तुति दी गई। उत्तरी भारत के आदिवासी क्षेत्रों में इस्तेमाल होने वाली औषधियों पर प्रस्तुति देकर एम.एस. फार्म (रेंगुलेटरी टॉक्सिकॉलजी) की स्टूडेंट प्राजक्ता घुमे ने इस प्रतियोगिता में प्रथम पुरस्कार प्राप्त किया। इसी तरह आदिवासी स्वतंत्रता सेनानियों पर भाषण प्रतियोगिता में दीपाली डोंगरे ने आदिवासी क्रांतिवीर बाबुराव शेडमाके के जीवन संघर्ष पर प्रस्तुति देकर प्रथम पुरस्कार प्राप्त किया। नाइपर-रायबरेली की डायरेक्टर प्रोफेसर शुभिनी ए. सराफ ने सभी प्रतिभागियों को बधाई दी। (माई सिटी रिपोर्टर)

अमर उजाला, लखनऊ

अमर उजाला my city लखनऊ सिटी लखनऊ 23.12.2023 1

दवाओं के विकास में हो एआई का उपयोग

माई सिटी रिपोर्टर

लखनऊ। देश में आए दिन नई बीमारियां जन्म ले रही हैं। इसके लिए दवाएं तलाशने का काम भी जोरों पर है। आर्टिफिशियल इंटेलिजेंस (एआई) के माध्यम से इसे आसान बनाया जा सकता है। लखनऊ स्थित नेशनल इंस्टीट्यूट ऑफ फार्मास्यूटिकल एजुकेशन एंड रिसर्च (नाइपर), रायबरेली की ओर से स्थानीय हॉटल में आयोजित सेमिनार में विशेषज्ञों ने यह बात कही।

नाइपर की निदेशक प्रो. शुभिनी ए. सराफ ने कहा कि दवा अनुसंधान में एआई का प्रभावी ढंग से इस्तेमाल

नाइपर लखनऊ में राष्ट्रीय सेमिनार आयोजित

किया जा सकता है। बीमारियों के संपूर्ण इलाज में आने वाली चुनौतियों को नेक्स्ट जनरेशन तकनीक का इस्तेमाल कर खत्म किया जा सकता है। सेमिनार में शोधकर्ताओं ने पोस्टर प्रजेंटेशन के जरिए नई तकनीकों, थैरेपी एवं मेडिकल डिवाइसेस को प्रदर्शित किया।

इस मौके पर डॉ. तथ्यागत दत्ता, डॉ. मुकेश कुमार, प्रो. वंदना पत्रावले, डॉ. वैभव दुबे, डॉ. अमित मिश्रा व डॉ. रामाकृष्णन पार्थसारथी मौजूद रहे।

'दवा के शोध में भी एआई का हो रहा प्रयोग'

■ एनबीटी सं, लखनऊ: नेशनल इंस्टीट्यूट ऑफ फार्मास्यूटिकल एजुकेशन एंड रिसर्च (नाइपर) की ओर से शुक्रवार को गोमतीनगर के एक हॉटल में दवा पर शोध के लिए सेमिनार हुआ। इसमें आईसीटी मुंबई की प्रो. वंदना पत्रावले ने कहा कि अब दवा पर शोध में भी आर्टिफिशियल

इंटेलिजेंस (एआई) का प्रयोग हो रहा है। बीमारियों के संपूर्ण इलाज में आने वाली चुनौतियों को आधुनिक नेक्स्ट जनरेशन तकनीक के इस्तेमाल से खत्म किया जा सकता है। नाइपर की निदेशक प्रो. शुभिनी ए. सराफ ने बताया कि सेमिनार में करीब 200 प्रतिभागियों ने हिस्सा लिया।

नवभारत टाइम्स, लखनऊ

नाइपर के चार शिक्षकों को मिली अंतरराष्ट्रीय पहचान

जासं, लखनऊ: दवा अनुसंधान और शिक्षा के क्षेत्र में देश के सर्वोच्च संस्थानों में शामिल नाइपर रायबरेली के चार शिक्षकों को अंतरराष्ट्रीय पहचान मिली है। यहां से तीन शिक्षकों ने स्टैनफोर्ड विश्वविद्यालय की शीप दो प्रतिशत वैज्ञानिकों की प्रतिष्ठित वैश्विक सूची में स्थान बनाया है। इनमें फार्माकोलॉजी व टॉक्सिकोलॉजी विभाग के एसोसिएट प्रो. राकेश सिंह, फार्मा के स्थायक प्रो. कीर्ति जैन और असिस्टेंट प्रो. राहुल शुक्ला शामिल हैं। नाइपर रायबरेली के डीन डा. संदीप चौधरी को फर्म स्टेट यूनिवर्सिटी रूस से मानद प्रोफेसर की उपाधि मिली है। 110 वर्षों से अधिक समय से कई रिसर्च परियोजनाओं पर कार्य कर रहे हैं। अल्जाइमर रोग के इलाज के लिए नए बायो एक्टिव मॉल्युल के विकास



डा. राकेश सिंह



डा. कीर्ति जैन



डा. संदीप चौधरी



डा. राहुल शुक्ला

की दिशा में भारत और रूस के बीच सहयोग को और बढ़ाया है। साथ ही कई देशों की वैज्ञानिक टीम साथ कैसर रोधी कीमोथैरेपी के क्षेत्र में नई दवाओं की खोज पर भी शोध किया है।

दैनिक जागरण, लखनऊ संस्करण

दवाओं के विकास की तकनीक पर सेमिनार

रायबरेली (एसएनबी)। लखनऊ स्थित नेशनल इंस्टीट्यूट ऑफ फार्मास्यूटिकल एजुकेशन एंड रिसर्च (नाइपर) द्वारा शुक्रवार को दवाओं के विकास में भविष्य की तकनीक पर ज्ञानवर्धन करने के लिए राष्ट्रीय सेमिनार का आयोजन किया गया।

सेमिनार में देश के अलग-अलग क्षेत्रों से आए 200 से ज्यादा प्रतिभागियों ने हिस्सा लिया। कार्यक्रम में औषधीय क्षेत्र में जाने-माने विशेषज्ञों द्वारा दवाओं के विकास में नवाचारों को बढ़ाने और आर्टिफिशियल इंटेलिजेंस (एआई) के उपयोग पर चर्चा की गई। जोटस एक्सप्लोर कंपनी के प्रेसिडेंट डा. तथ्यागत दत्ता, ओर्टिव क्यू श्री रिसर्च प्राइवेट लिमिटेड के फाउंडर डायरेक्टर डा. मुकेश कुमार, आईसीटी-मुंबई की प्रोफेसर वंदना पत्रावले, कश्मि बायोसाइंसेज एलएलसी के जनरल मैनेजर डा. वैभव दुबे, सोएसआईआर



प्रदर्शनी का अवलोकन करती मुख्य अतिथि।

सीडीआरआई के सीनियर वैज्ञानिक डा. अमित मिश्रा, सीएसआईआर - आईआईटीआर लखनऊ के मुख्य वैज्ञानिक डा. रामाकृष्णन पार्थसारथी सेमिनार में वक्ता के रूप में शामिल हुए। इस सेमिनार में दवा विकास तकनीक में होने वाली प्रगति को जनकारी दी गई।

वक्ताओं ने बताया कि दवा अनुसंधान में एआई का प्रभावी ढंग से इस्तेमाल किया जा सकता है। बीमारियों के संपूर्ण इलाज में आने वाली चुनौतियों को आधुनिक नेक्स्ट जनरेशन तकनीक का इस्तेमाल करते हुए खत्म किया जा सकता है। सेमिनार में आए शोधकर्ताओं ने पोस्टर प्रजेंटेशन के जरिए नई तकनीकों, थैरेपी एवं मेडिकल डिवाइसेस को प्रदर्शित किया। सम्मेलन के अंत में नाइपर रायबरेली की निदेशक प्रो. शुभिनी ए. सराफ ने सभी वक्ताओं एवं शोधकर्ताओं को धन्यवाद दिया।

नाइपर की फैकल्टी ने बनाई अंतरराष्ट्रीय पहचान

लखनऊ। नाइपर रायबरेली की लखनऊ स्थित इकाई के चार फैकल्टी मेंबर्स ने अंतरराष्ट्रीय स्तर पर पहचान हासिल की है। तीन शिक्षकों ने स्टैनफोर्ड विश्वविद्यालय की शीप दो प्रतिशत वैज्ञानिकों की सूची में स्थान पाया है। इनमें फार्माकोलॉजी एवं टॉक्सिकोलॉजी विभाग के एसोसिएट प्रोफेसर डॉ. राकेश सिंह, फार्मास्यूटिक्स की असिस्टेंट प्रोफेसर डॉ. कीर्ति जैन व असिस्टेंट प्रोफेसर डॉ. राहुल शुक्ला शामिल हैं। इसी तरह एक और शिक्षक ने उपलब्धि हासिल की है। नाइपर की डायरेक्टर प्रो. शुभिनी ए. सराफ ने कहा, यह उपलब्धि संस्थान में अपनाए गए शोध मानकों को दर्शाती है।

अमर उजाला, लखनऊ संस्करण

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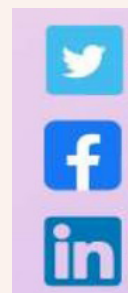
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