



BANSAL COLLEGE OF PHARMACY, BHOPAL NEWSLETTER

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LATE SHRI K.C. BANSAL

JAN. 1936 - AUG. 2007

"YESTERDAY IS BUT A DREAM, TOMORROW BUT A VISION. BUT TODAY WELL LIVED MAKES EVERY YESTERDAY A DREAM OF HAPPINESS AND EVERY TOMORROW A VISION OF HOPE."

PATRONS-IN-CHIEF

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ER. SUNIL BANSAL

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Prof. (Dr.) Vimal Kumar

In charge Provost (Vice Chancellor)
ITM (SLS) Baroda University, Vadodara

Artificial intelligence (AI) plays a crucial role in the development of novel peptides, proteins, biological, and vaccines. By leveraging AI systems, it becomes possible to engineer peptides and proteins with desired characteristics, such as improved stability, binding affinity, and immunogenicity. The availability of open-access structural biology data, including 3D bio structure data, facilitated by resources like Structural Bioinformatics & Protein Data Bank (SB, PDB), is key for the rapid development of medications and vaccines. Overall, the integration of AI technologies with comprehensive structural and functional protein databases holds tremendous promise for advancing biopharmaceutical research and development. The pharmaceutical industry is a critical field that plays a vital role in saving lives. It operates based on continuous innovation and the adoption of new technologies to address global healthcare challenges

and respond to medical emergencies, such as the recent pandemic covid-19. The remarkable outcomes of this streamlined approach may be observed in the application of deep learning algorithms by AI-driven platforms such as Atomwise, which identify novel medication candidates, including those for infectious diseases like COVID-19. It is also impossible to overestimate the contribution AI makes to vaccine development; platforms such as Benevolent AI and Exscientia, which led the charge during the COVID-19 pandemic, show how quickly antigenic targets can be identified, formulations can be optimized, and efficacy can be predicted.

Role of AI in Drug Discovery and Development

- Accelerated Drug Development
- Drug repurposing
- QC & QA
- Prediction of drugs bio-activity
- Improved clinical design
- Drug combination analysis

Artificial Intelligence (AI) has emerged as a promising solution with significant potential to revolutionize drug discovery and development. The global AI in healthcare market, valued at USD 16.3 billion in 2022, is projected to grow at a CAGR of 40.2%, reaching USD 173.55 billion by 2029.

AI facilitates optimal drug candidate identification, offers unprecedented insights into various diseases, and efficiently manages extensive patient datasets. These capabilities are instigating transformative changes across the pharmaceutical landscape. In addition, AI tailors drug combinations for individual patients by considering their genetic and molecular characteristics, ultimately enhancing treatment effectiveness and improving patient outcomes.

The incorporation of artificial intelligence into drug discovery expedites the identification of potential drug targets significantly. Utilizing machine learning algorithms, extensive datasets can be rapidly analyzed, leading to the swift discovery of potential drug candidates. This acceleration optimizes

UPSKILLING THE FUTURE

the lead discovery process, leading to significant time and resource savings for researchers and pharmaceutical companies.

Artificial intelligence is integral to drug discovery and development, playing a vital role in predicting the pharmacological properties of lead molecules by analyzing their chemical structure. Using machine learning algorithms, researchers can construct predictive models to estimate crucial properties such as solubility, bioavailability, and toxicity. These models guide the design of new molecules, improving their pharmacological characteristics and enhancing the efficiency and safety of potential drug candidates.

Improved Clinical Trial

AI plays a significant role in improving the design of clinical trials. AI analyzes electronic medical records and patient data by efficiently identifying suitable candidates and enhancing patient recruitment. In addition, AI contributes to optimizing trial designs by pinpointing patient subgroups with a higher likelihood of responding positively to specific treatments.

The integration of AI-driven wearable devices enables real-time monitoring, ensuring precise data collection and necessary adjustments to trial protocols to enhance patient safety. Furthermore, AI algorithms facilitate rigorous data analysis, providing valuable insights for future research and clinical practices.

Quality Assurance

AI is vital in elevating the accuracy and efficiency of various quality assurance processes within drug quality control. Using computer vision algorithms for automated inspection, AI assists in promptly identifying defects, contamination, and packaging inconsistencies, ensuring compliance with stringent quality standards.

AI algorithms analyze sensor data from manufacturing equipment, enabling the implementation of predictive maintenance measures to preempt equipment failures and minimize production downtime.

Medical Devices

The medical device is a sort of apparatus, implement, instrument, implant, or machine appliance as well as a reagent for specific medical purposes and can be used alone or in combination with the help of software or other related systems in vitro to address medical issues of patients. AI has made significant advancements in the field of medical devices, revolutionizing healthcare in various ways.

Conclusion

Artificial intelligence (AI) has emerged as a powerful tool that harnesses anthropomorphic knowledge and provides expedited solutions to complex challenges. Pharmaceuticals industry increasingly adopts AI solutions to alleviate the substantial financial burden and potential setbacks associated with traditional virtual screening (VS) methods. This shift in approach is evident in the remarkable growth of the AI market.

RESEARCH ABSTRACT

Guardians of Innovation: A Review of Intellectual Property in the Modern World

Intellectual property (IP) encompasses a broad spectrum of intangible assets that are the cornerstone of innovation and creativity in modern economies. This review article provides an overview of intellectual property, covering its various forms, including patents, copyrights, trademarks, and trade secrets. The importance of intellectual property protection in fostering innovation, economic growth, and competitiveness is discussed. Furthermore, the article examines the challenges and controversies surrounding intellectual property rights, such as balancing the need for protection with the promotion of access to knowledge and information. Finally, emerging trends and future directions in intellectual property law and policy are explored



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NEW DRUG APPROVAL

No.	Drug Name	Active Ingredient	Drug Name	FDA-approved use on approval date*
1.	Wainua	eplontersen	21/12/2023	To treat polyneuropathy of hereditary transthyretin-mediated amyloidosis
2.	Filsuvez	birch triterpenes	18/12/2023	To treat wounds associated with dystrophic and junctional epidermolysis bullosa
3.	Fabhalta	iptacopan	05/12/2023	To treat paroxysmal nocturnal hemoglobinuria
4.	Ogsiveo	nirogacestat	27/11/2023	To treat adults with progressing desmoid tumors who require systemic treatment
5.	Truqap	capivasertib	16/11/2023	To treat breast cancer that meets certain disease criteria

6.	Ryzneuta	efbemalenograstim alfa-vuxw	16/11/2023	To treat neutropenia
7.	Augtyro	repotrectinib	15/11/2023	To treat ROS1-positive non-small cell lung cancer
8.	Defencath	taurolidine, heparin	15/11/2023	To reduce the incidence of catheter-related bloodstream infections in adults with kidney failure receiving chronic hemodialysis through a central venous catheter

VISION

We will provide an unparalleled experience to budding pharmacist as the most trusted college

MISSION

To improve the overall well-being of a pharmacist by providing the best education through hybrid learning, clinical practice and research.

ALUMNI MEET-2023

Bansal College of Pharmacy hosted its Alumni Meet 2023 on December 17th, welcoming esteemed guests and alumni including Dr. Sarang Jain and Dr. Sanjay Jain. The event aimed to celebrate alumni achievements and foster connections. Dr. S. Nayak kicked off proceedings with a warm welcome, leading to engaging discussions and idea sharing among attendees. Alumni offered valuable career guidance to students, addressing queries on placements. Dr. Mamta Yadav conveyed gratitude to organizers and participants, with special thanks to the college management. The day concluded with fond farewells, leaving attendees reinvigorated and looking forward to future reunions.



VISIT TO REGIONAL SCIENCE CENTER, BHOPAL (30 DEC 2023)

An Educational visit was organized for B. Pharm 1st Semester students on 30.12.2023 to Regional Science Center, Bhopal. This center is one of the 25 constituent units of the National Council of Science Museums (NCSM) which is an autonomous scientific organization under the Ministry of Culture, Govt. of India, engaged in popularizing Science and Technology amongst students in particular and the masses. Students visited and gained knowledge about Evolution of ocean organisms' life by 3D movie. The visit was coordinated by Prof.Sourabh Singh, Prof. Ankit Gour, Prof.SaranshPuri, and staff members. Total No of Student Were 70.



FOUNDATION DAY CELEBRATION 2024

The Birth Anniversary of Late Shri K.C Bansal was celebrated as Foundation Day of Bansal Group. Bansal Group celebrates its Foundation Day marking another year of success as well as retrospection for a more fruitful realization of a dream of creating a better future for today's youth. The program was inaugurated by Mr.Parth Bansal Sir Managing Director and Board Member also present Dr. Sanjay Jain Sir Joint Secretary, Dr.Damodar Tiwari, Director BIST, Dr. Manish Manoriya, Director BIRT&BIRTS, inaugurated by lighting the lamp and garlanding the photo of Shri KC Bansal Ji... After the inauguration of the event Dr.SatishNayak addressed the gathering. Chief Guest, Mr.Parth Bansal Sir expressed his determination to have maintain quality in technical education. Dr. Sanjay Jain Sir highlighted the achievements of Bansal Group. On that occasion gifts were distributed to students of Shushila Devi Public School by Mr.Parth Bansal Sir Managing Director and a News Letter was also released by dignitaries on foundation day. All HODs, Faculty members, Staff members, students were attended the program.



NATIONAL YOUTH DAY CELEBRATION (12 JAN 2024)

Bansal College of Pharmacy in Bhopal celebrated National Youth Day with the theme "It's All In The Mind," inaugurated by Dr. Satish Nayak. The event honored Swami Vivekananda, emphasizing his role as a thinker, philosopher, and inspiration to Indian youth. Activities included lighting a lamp before Maa Saraswathi and laying a wreath on Vivekananda's portrait. The objective was to motivate youth towards a brighter future, echoing Vivekananda's ideals. Students and faculty paid tribute, participated in essay competitions, and winners received certificates. Dr. Priyanka Singh and Prof. Rajkumari Lodhi coordinated the program.



PARTICIPATION IN A NATIONAL CONFERENCE AND WORKSHOP AT INSTITUTE OF PHARMACY, BHOPAL, SPONSORED BY DBT

Dr Satish Nayak, Principal and Professor, Bansal College of Pharmacy, Bhopal were Invited as Chairperson in National Conference & Workshop organised by Truba acology. On the Topic "Expansion of High Throughput Imaging Techniques and Molecular Markers for New Drug Discovery and Biomedical Diagnostic Tools" on 18th Jan 2024. Prof. Shobhit Shrivastava Associate Professor Bansal College of Pharmacy were also attended the Conference. Dr. S. Nayak, Chaired the Scientific Session at the Conference and honored with sapling and memento.



REPUBLIC DAY CELEBRATION 26 JAN 2024

The 75th Republic Day celebration at Bansal Group of Institutions on January 26, 2024, featured the unfurling of the National Flag by Shri Sunil Bansal, Secretary BGI, and a rendition of the National Anthem. The event, attended by faculty, staff, and students, honored India's constitutional values. Highlights included a parade by NCC and NSS cadets, school students' performances, and prize distribution. Shri Sunil Bansal emphasized the importance of quality education for national development. Dr. S Nayak coordinated the event, marking a significant milestone in India's democratic journey.



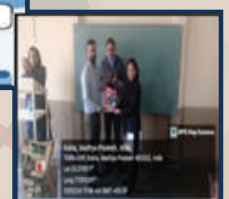
PANKH MARATHON (11 FEB'24)

Bansal Group hosted the "PANKH MARATHON" at TT Nagar Stadium on Feb 11, 2024, with notable figures like fitness model/actor Milind Soman and Bansal Group Chairman Anil Bansal flagging off the event. Participants included Bansal College of Pharmacy's Principal, HODs, staff, and students, with Dr. Mamta Yadav completing the 21km in 3:15 mins and Prof. Ankit Gour finishing in 03.40 mins. The event, broadcasted live on Bansal News, saw winners awarded prizes, with coordination by the news channel.



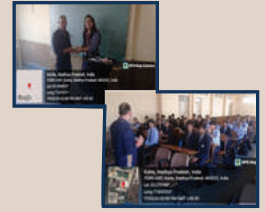
SEMINAR ON "CAREER GUIDANCE GPAT EXAM PREPARATION & DEVELOPMENT OF SOFT SKILL (12/02/2024)

Bansal College of Pharmacy organized a Seminar on "Career Guidance GPAT Exam Preparation & Development of Soft Skill" for 6th and 7th Sem Students. The Program was inaugurated by lighting the lamp and Saraswati Pooja. After inauguration, our Eminent Speaker Mr. Gautum Kumar guided students about GPAT 2024 preparation tips to appear in the GPAT entrance exam. The National Testing Agency or NTA conducts the GPAT exam every year for M. Pharm aspirants. Dr. Satish Nayak Principal of Bansal College of Pharmacy encourages and cheers students with his insightful thoughts. After the seminar, a question-answer session was organized best performer students got exciting prizes. The event was Coordinated by Dr. Priyanka Singh. The total No. of Participants were 107



EXPERT LECTURE ON "QUALITY ASPECTS IN PHARMA ANALYSIS"

Bansal College of Pharmacy hosted an Expert Lecture for B.Pharm I st Students focusing on "Quality Aspects in Pharma Analysis" on 17/02/24. Dr. Pushpendra Soni from Radharaman Institute of Pharmacy inaugurated the event, emphasizing innovation. He elucidated analysis basics, encouraging student engagement. Topics covered included component separation, compound structure determination, and qualitative/quantitative analysis methods. The program, attended by 97 participants including faculty and HODs, facilitated interactive sessions and received high praise for its informative content and coordination by Dr. Priyanka Singh



BANSAL UTSAV 2024

Bansal Group celebrated its annual day function "BANSALUTSAV 2K24" from 21-24 Feb 2024, featuring a lamp lighting ceremony and Saraswati Vandana. Dr. Anil Kothari, Director General of MPCST Bhopal, was the Chief Guest, joined by Er. Sunil Bansal, Secretary of Bansal Group, and other dignitaries. The event showcased a blend of culture, technical prowess, and sports, including dance performances, sports competitions, and art contests. Students excelled in various categories, with winners receiving prizes. The festival, a highlight for both students and staff, celebrated creativity, passion, and academic achievement, with participants from Bansal Group institutions and colleges across Madhya Pradesh.



STUDENTS AND FACULTY MEMBERS ATTENDED THE NATIONAL CONFERENCE

Students and faculty from Bansal College of Pharmacy, Bhopal, attended the National Conference on "Current Trends and Innovations in Pharmaceutical Field" on Feb 21-22, 2024. Sponsored by Madhya Pradesh Council of Science and Technology and organized by Corporate Institute of Pharmacy, Bhopal, Dr. S. Nayak, Principal of Bansal College, was a Resource Person. Prof. Smita Jain presented on "Application of Artificial Intelligence and Machine Learning in Pharmaceutical Research," Prof. Rajkumari Lodhi on "Modern Application of Plant Biotechnology in Pharmaceutical Science." Students Vanshika, Shruti, and Vasu presented a poster on "Antiulcer Activity of Methanolic leaves extract of Nerium indicum," guided by Prof. Shobhit Shrivastava, winning Third Prize.



NATIONAL SCIENCE DAY CELEBRATION

The Students and Faculty members of Bansal College of Pharmacy visited Open Science Exhibition at Bansal Institute of Science and Technology on the National Science Day Organized on the day Indian Physicist Chandrasekhara Venkata Raman discovered the Raman Effect. The theme of National Science Day is – Indigenous Technologies for Viksit Bharat. The day is observed to raise awareness about the importance of scientific applications in our daily lives. The day also aims to celebrate and acknowledge the efforts and achievements of scientists in human welfare. The best way to observe National Science Day is by understanding the way science and technology have progressed and exploring the spaces where more efforts need to be made. On this occasion, Incredible working Projects Showcase the power of innovation and curiosity presented by BGI students like solar Systems working robotics. Dr. Mamta Yadav & Prof. Kajal Motwani coordinated the visit.



EDUCATIONAL VISIT TO MP TRIBAL MUSEUM BHOPAL

An Educational visit was organized for B. Pharm 1st Semester students on March 02 2024, to MP Tribal Museum of Bhopal. Tribal Museum is the National Museum of Humankind/ Museum of Man is an anthropology museum located in Bhopal to present an integrated story of the Evolution of man and culture with special reference to India. This museum depicts the story of mankind in time and space. Students visited and gained knowledge about the Evolution of man and culture. The main aim of the Tribal Museum visit is to provide general information to students about the Evolution of man and culture with special reference to India. That is also a good opportunity to gain full awareness about history culture, equipment, and techniques. Students visited various sections and gained knowledge. The visit was coordinated by Dr. Mamta Yadav, Prof Ankit Gour, Prof Kajol Motwani, Adarsh Sharma. A total of 102 students and staff members were present.



FACULTY AWARDED ON INTERNATIONAL WOMEN'S DAY

On International Women's Day, Bansal College of Pharmacy's faculty received the Outstanding Excellence Award. The Madhya Pradesh State Price Monitoring and Resource Unit organized an Awareness Campaign promoting women's health and pharmaceutical accessibility. Dr. Priyanka Singh and Dr. Mamta Yadav were honored for their contributions. Mrs. Maya Awasthi, Joint Controller of Food and Drugs Administration Madhya Pradesh, addressed health policies. Dr. Shradha Agrawal and Dr. Sonali Mittal shared insights as senior gynecologists. Dr. Priti Tagde highlighted initiatives by the National Pharmaceutical Pricing Authority and the Pharma Sahi Daam App. The event emphasized women's health empowerment and pharmaceutical affordability.



EDUCATIONAL VISIT TO MP TRIBAL MUSEUM BHOPAL

B.Pharm IVth Semester students visited the MP Tribal Museum in Bhopal on March 09, 2024. The museum, also known as the National Museum of Humankind, showcases the evolution of man and culture with a focus on India. The visit aimed to provide students with insight into human evolution and Indian culture. Coordinated by faculty members, the trip allowed 70 students and staff to explore various sections and gain valuable knowledge.



STUDENTS AND FACULTY MEMBERS ATTENDED THE INTERNATIONAL CONFERENCE

The Students and Faculties of Bansal College of Pharmacy, Bhopal (MP) attended the International Conference on "current Opportunities for Pharma Professionals" on 16th March, Sponsored by Ananjay Pharmaceutical Supported by Pinnacle Biomedical Research Institute (PBRI) & Chemdyes Corporation organized by School of Pharmacy LNCT University, Lakshmi Narain College of Pharmacy, Bhopal. Where Eminent Speaker Dr. N.K. Jain Ex Prof. Dr. H.S. Gour V.V., Sagar M.P. Deliver lecture on Generic Versus Branded Drug And Dr. P.K. Rajput Former Sr. Vice President & Vertical Head Of Cadila Pharmaceuticals Ltd. Ahmadabad Deliver his lecture on Global Speaker and Seasoned pharma Professional and Mrs. Neha Parasar Associate Director Regulatory CMC Germany Deliver lecture on Blueprint for Excellence: Cultivating a Dynamic Career in Drug Regulatory Affairs. Dr. S. Nayak, Principal of Bansal College of Pharmacy invited as a Resource Person in the conference. Faculty members and students of Bansal College of Pharmacy Attended the conference.



WORKSHOP ON UV-VISIBLE SPECTROPHOTOMETER

A Workshop on UV-Visible Spectrophotometer was organized by Bansal College of Pharmacy, Bhopal on 13th April 2024 for students of VIth Semester. Dr. Prabhat Jain, Director, Scan research lab Bhopal was the workshop expert. The welcome address was given by Dr. S. Nayak, Principal, Bansal College of Pharmacy, Bhopal. Today students learnt about UV-Visible Spectrophotometer under the expertise of Dr. Prabhat Jain. He delivered an excellent lecture and explained the basics about equipment in an easy manner. The students also get to learn about principle and working of sophisticated instrument i.e. UV spectroscopy and its various parts. In the second session, students performed simultaneous estimation of drug with spectrophotometer available in Bansal College of Pharmacy. The practical part was led by Mr. Adarsh Sharma under the guidance and supervision of our Expert. All the participants were highly satisfied and the expertise delivered would be fruitful in their coming future for appearing in interviews.



AN INDUSTRIAL VISIT OF STUDENTS TO MODERN LABORATORY, INDORE

Bansal College of Pharmacy, Bhopal Organized an Industrial Visit to Modern Laboratory Indore for our B.Pharm VIII Semester students. Students had the opportunity to explore various sections including Production, Quality Control, Quality Assurance, and Packaging of Different type of dosage form. Main aim of industrial visit is to provide an exposure to students about practical working environment. They also provide students a good opportunity to gain full awareness about practical knowledge. This Visit provided practical insights into topics covered in their classrooms such as GMP, ICH guidelines, Chromatography, and Stability studies. Students also visited the medicinal garden maintained by the company. The visit was coordinated by Prof. Manish Sahu and Prof. Rajkumari Lodhi. Students enjoyed it a lot.



ROAD SAFETY AWARENESS PROGRAM 23 MAY 2024

Bansal College of Pharmacy, Bhopal Organized a Workshop on Road Safety Awareness Program on 23 May 2024 with the welcome of the Guest of event Mr. Vishal Malviya Honda two wheeler coordinator and his team and a welcome speech by Dr. Satish Nayak, Principal, Bansal College of Pharmacy, they given basic information about traffic rules and road safety rules after that the speaker share his valuable knowledge with the students as we know India is witnessing a huge number of road accident fatalities in the last few years. In a recent survey, it is revealed that 1.68 Lakh people died in 4.61 lakh road accidents in 2022 with an 11.9% year-on-year rise in road accidents and a 9.4% increase in fatalities. In this session Theoretical Training cum Practical Demonstration for Students and Staff Road Safety Games (Snake & Ladder, Puzzle Games) & Prizes for Winners And after that program Certificate distributed to students more than 120 students participated in the workshop The program was successfully Coordinated by Dr. Priyanka Singh and Team



WORLD ENVIRONMENT DAY CELEBRATION (05 JUNE 2024)

World Environment Day was celebrated in Bansal College of Pharmacy on 05th June 2024 enthusiastically by planting trees in the campus. The theme for World Environment Day 2024 is "Land Restoration, Desertification and Drought Resilience." This day was celebrated to raise awareness about protecting the environment and to remind people not to take nature granted.

Dr. Sanjay Jain, Joint secretary, BGI inaugurated the Plantation Drive by planting a sapling at BGI premises and encouraged everyone for planting tree. Dr. Satish Nayak, Principal, Bansal College of Pharmacy, students, Faculty members, staff members participated in the event by planting saplings with the sole purpose of highlighting the importance of saving our precious environment.



PLACEMENT DAY CELEBRATION (06 JUNE 2024)

Placement Day 2024 was celebrated in Bansal Group of Institutes on 06 June 2024. More than 700 students have got placement at leading companies in various parts of country. Bansal Group of Institutes proudly commemorates the remarkable achievements of its students on the occasion of Placement Day 2024. The program was inaugurated by Hon'ble Shri Rajendra Shukla (Chief Guest) Deputy Chief Minister, Madhya Pradesh Government, Er. Sunil Bansal, Secretary BGI, Dr. Sanjay Jain, Joint Secretary BGI, Mr. Sharad Dwivedi, Editor-in-Chief Bansal News and all Directors of BGI. Hon'ble Chief Guest Shri Rajendra Shukla, Deputy Chief Minister, Madhya Pradesh Government, while distributing the placement Certificate to the students advised them to put very hard effort, maintain discipline, involvement in their fields of work and how to build up their career in future. Er. Sunil Bansal, Secretary BGI, expressed immense pride for the students' achievements, emphasizing the institution's unwavering commitment to nurturing talent and fostering an environment that contributes to personal and professional growth.



OUTSTANDING GLOBAL EXCELLENCE TEACHER AWARD 2024

Kathmandu, Nepal – Dr. Mamta Yadav, a respected faculty member, received the Outstanding Global Excellence Teacher Award 2024 at the International Conference on Educational Innovation and Excellence. The conference featured 1,617 educators, 700 presentations, and 253 awardees from 14 countries, including Egypt, the US, and India. Dr. Yadav was recognized for her exceptional contributions to education and her insightful presentations on educational strategies. In her acceptance speech, she thanked the organizing committee, BGI Management, colleagues, and students, emphasizing that the award represents a collective achievement. Dr. Yadav plans to integrate the insights gained from the conference into her teaching to enhance student learning.



INTERNATIONAL YOGA DAY CELEBRATION (21 JUNE 2024)

Students and faculty of BGI enthusiastically participated in the International Yoga Day celebration, performing 108 Surya Namaskars alongside 1500 residents of Bhopal. This effort contributed to setting a World Record, organized by "ToneOp YOGSHALA," a leading health and fitness platform in Bhopal. Participants, ranging from various age groups, followed seasoned yoga instructors and fitness experts, enhancing their physical and mental strength. ToneOp's founder, Mr. Parth Bansal, was recognized as a World Record Holder, with 1960 people registering in the India Book of Records for performing 108 Surya Namaskars simultaneously. This historic event took place in Bhopal.



AN EDUCATIONAL PLANT TISSUE CULTURE LAB VISIT IN BANSAL COLLEGE OF PHARMACY ON (22 JUNE 2024)

Bansal College of Pharmacy hosted an educational visit to its Plant Tissue Culture Lab for students from Pt. Khushilal Sharma Govt. Ayurveda College & Institute, Bhopal. The visit included a PowerPoint presentation by Prof. Smita Jain, practical sessions in the lab led by Prof. Neha Sen and Prof. Rajkumari Lodhi, and a tour of various pharmacy departments. The aim was to exchange information on breakthroughs in plant tissue culture and to teach students micro-propagation techniques. E-certificates were provided to the 58 participating students.



INDUSTRIAL VISIT TO PATANJALI RESEARCH FOUNDATION, HARIDWAR

Bansal College of Pharmacy organized an industrial visit to Patanjali Yogpeeth in Haridwar for faculty members to learn about advanced technology in herbal medicine manufacturing and the operation of sophisticated instruments. The visit aimed to familiarize participants with industry protocols, enhance understanding of the working environment, and explore placement and training opportunities for future students. The visit also included a tour of the medicinal garden to study herbal plants for research purposes. Patanjali Yogpeeth, founded by Swami Ramdev and Acharya Balkrishna in 2006, is known for promoting ancient healing methods.



PHARMA NEWS

The penicillin war: India's journey from self-sufficiency to dependence on China

After India lost its dominance in making penicillin, a drought of three decades is coming to an end. The drug – which forms the base for a raft of extremely potent antibiotics – is part of the govt's aggressive push for self-sufficiency in critical areas.

India's API industry faces high leadership talent churn: Report

Talent churn in manufacturing leadership is currently at about 40% and the trend is expected to continue, given the demand supply gap with the API industry attracting robust investments, the executive search firm said in a report on Thursday.

Sun Pharma, Lupin recall drugs in US market: USFDA

Sun Pharmaceutical is recalling the affected lot that was produced at the drugmaker's Dadra-based facility. The company is recalling the lot due to "failed impurities/degradation specifications", the USFDA stated. USFDA stated that Mumbai-based Lupin is also recalling an unspecified number of penicillamine tablets in the US.

Covishield maker AstraZeneca, SII, govt all responsible for my daughter's death: Father to file case along with 8 parents

In a heartbreaking turn of events, the parents of Karunya, who tragically passed away in 2021 after allegedly receiving the Covishield vaccine, are seeking legal recourse. Her grieving father, Venugopalan Govindan, blames multiple parties for his daughter's death and is determined to hold them accountable

India's Pharma biz can reach USD 130 billion by 2030: Industry experts

Chairman of PharmExcil (Pharmaceuticals Export Promotion Council of India) Veeramani S V said the Indian pharmaceutical industry is on a compelling growth trajectory, evidenced by an 8 per cent year-to-date increase in exports and a remarkable 29 per cent surge in October alone