



AISSMS

COLLEGE OF PHARMACY

IMPARTING EXCELLENCE IN EDUCATION & RESEARCH



Approved by AICTE, PCI New Delhi, Recognized by the Government of Maharashtra,
2f, 12B Recognition by UGC, Affiliated to Savitribai Phule Pune University
College ID No. PU / PN / Pharm / 117 / (1996)
Accredited by NAAC with "A" Grade

PHARMAVOICE

College News Letter

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Vision:

- To be amongst the top ten Pharmacy Colleges in India by imparting excellence in Pharmacy education.
- Instilling research temperament in Pharmacy students.
- Continuous upgradation of infrastructure to maintain high standards of education.

Mission:

- Inculcating timeless values of caliber, confidence, and conscience in budding pharmacists.
- Indoctrinate quality in all aspects of Pharmacy education, thereby enabling the provision of better healthcare services.

Quality Policy:

- The AISSMS College of Pharmacy is committed to empowering our students to meet global challenges in the Pharmacy profession through excellence in education.
- Our highly qualified and committed faculty is constantly exploring newer frontiers of knowledge to build quality pharmacists.
- We believe in honing the overall personas of our students through excellence in academics, co-curricular, and extracurricular activities.
- We strive to develop a sense of social obligation and discipline among our students not only to make them better technocrats but also a better human being.

Objectives:

- To provide a sufficient understanding of scientific principles and techniques of pharmaceutical sciences. To develop comprehensive knowledge and experience.
- To provide exposure to the latest techniques and technologies.
- To teach pharmacy ethics to students.
- To cater to manpower for the globally growing pharmaceutical industry and implementation of drug laws for compliance with regulatory norms.

Content:

- Vision & Mission
- Editorial
- News & Events
- Upcoming News
- Students Achievements
- College Achievements
- Did You Know
- Scope of Pharmacy
- Scientific Content
- Theme

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Editorial

The months of July, August, and September bring with them the much-awaited monsoon season, drenching the Indian subcontinent in a blanket of rain. Beyond the beauty of the showers, this season plays a vital role in shaping our agricultural landscape, ensuring a steady supply of crops that sustain millions and form the backbone of India's food security.

The first week of September is celebrated as National Nutrition Week, a time dedicated to raising awareness about the value of healthy eating habits and promoting balanced nutrition. During this week, local cuisines take center stage as their preparation, history, and nutritional benefits are explored. These dishes, deeply rooted in regional culture, serve as a reminder that "You are, what you eat." They underline the idea that a healthy diet is not just about sustenance but also about preserving tradition and nourishing the soul.

As the monsoon revives the soil, let this PharmaVoice edition renew your perspective on health and well-being. Keep scrolling to explore stories, ideas, and updates that truly matter.

Here's wishing you all another eventful and breathtaking year ahead. Happy reading!

“

The groundwork for all
happiness is good health.

- Leigh Hunt

”

News and Events

1. Essay Writing Competition on Account of National Technology Day

Date: 11/05/ 2024 | Time: 10:30 am

Audience/Attended by: B. Pharm and M. Pharm students

Organized by: AISSMS College of Pharmacy, Pune for IIC

The Event in charge: Dr. Monica RP. Rao,
Mrs. Deepika A. Jagadale

Description

On account of National Technology Day, in association with the Institution Innovation Council we conducted the essay writing competition on the topic "Great Scientists" in which 52 students of our college actively participated. Each participant was given a certificate of participation and winners were given prizes. Winners were Ms. Mitali Sonawane (S.Y. B. Pharm), Ms. Samruddhi Pachpor (M. Pharm QA sem 4) and Ms. Sweta Khiratkar (M.pharm Sem 2)



2. HPLC System Installation

Date: 16/07/ 2024 | Time: 10:00 am To 05:30 pm

Audience/Attended by: M. Pharm. (QA) students

Description

A new quaternary gradient HPLC system was installed in the instrument room on 16th July 2024



3. 'Vigyan Chetana' Awards to Sem- VIII Students

Date: 03/05/2024 To 06/05/2024

Time: 09:00 am To 05:00 pm

Audience/Attended by: B. Pharm Students

Description

In the academic year of 2023-24, the best project award i.e. The Vigyan Chetana competition was organized between 03.05.2024 to 06.05.2024 for B. Pharm Sem VIII students. The students presented their project work under 5 different subject heads.

External examiners were appointed for the fair evaluation of the project work, the results of the best project award to students and their respective guides are given below. The certificates and medals were given for the best project in each subject to students and their guide in the prize distribution function held on 12.06.2024.



4. Health & Eye Checkup Camp

Date: 23/07/2024

Time: 11:00 am To 05:00 pm

Audience/Attended by: This free checkup was availed by 70 Teaching and Non-teaching staff and students.

Organized by: KK Eye Institute medical team

Event in charge: Dr. Tina Saldanha and Mr. Gautam Gundecha (Pharmacology Department)

Description

1) Comprehensive Eye Checkup

- Vision testing
- Screening for common eye conditions such as cataracts, glaucoma, and macular degeneration.
- Advice on maintaining eye health

2) Basic Body Checkup

- Measurement of vital signs (BP, Heart rate)
- Blood sugar testing
- General physical examination
- BMI calculation and nutritional advice

This event created awareness of Health status so that suitable lifestyle changes/medical treatment could be initiated.



5. E-poster Competition to celebrate 4th Anniversary of NEP 2020

Date: 19/07/2024 | **Time:** 11:30 am

Audience/Attended by: B.Pharm. 7 teams and M.Pharm. 3 teams participated enthusiastically in the E-poster presentation. The theme was Salient Features of NEP 2020/ NEP Samajh/ Quality Education through NEP.

Organized by: Dr. Mrinalini Damle and Mr. Jitendra Gajbe for IIC.

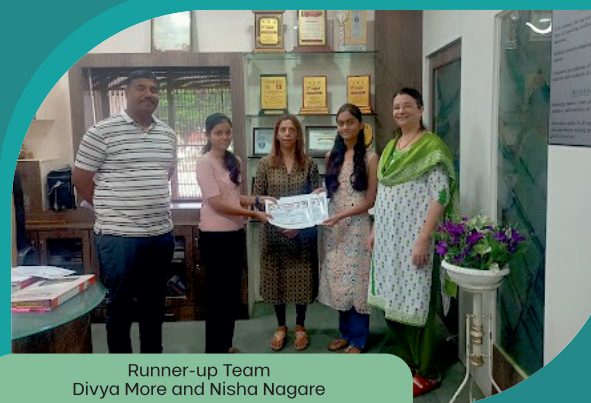
Anchors: Ms. Dipti Bhorade and Ms. Minakshi Shinde

Description

The E-posters were evaluated by a panel of judges comprising Dr. S. V. Bhandari and Mrs. Prinkle M. Kudale. The Winner and Runner-up teams were felicitated by Principal Dr. Ashwini Madgulkar by presenting a certificate.



Winner team
Bushra Ashpak Bagwan & Maryam Sadik Mulla



Runner-up Team
Divya More and Nisha Nagare

6. "In-House research project Competition"

Date: 30/08/2024 | **Time:** 02:00 pm To 05:00 pm

Audience/Attended by: Undergraduate students who enrolled and completed In-house research projects from June 2023 to June 2024 and guides of the above research teams. All undergraduate students who are interested in research were also permitted to attend.

Organized by: AISSMS COP

Anchors: Dr. Mrinalini Damle, Dr. Mangesh Bhalekar, Dr. Tina Saldanha

Description

The program began with a welcome from Dr. M. R. Bhalekar who also introduced the Judge for the competition, Mr. Ankit Dugad. Six teams presented their research work followed by queries and suggestions by Mr. Ankit. The winner and runner-up teams were awarded Certificates and Cash prizes. Dr. Damle gave the vote of thanks.

Winning Team: Pradnya Magdum, Vaishnavi Chindhe

Guides: Mrs. S. M. Patil and Mrs. K. D. Asgaonkar

Runner up Team: Shreya Gaikwad, Shambhavi Mahaddalkar, Akanksha Mahajan, Mitali Sonawane, Shravani Utekar.

Guides: Mrs. Vidya Wable, Mr. Om Nagras

The activity provided a platform for the undergraduate students to present their research work and also encouraged a healthy competitive spirit. It also provided recognition for excellent work.



7. "SYNAPSE": A Biennial National Level Research Competition

Date: 20/10/ 2024 | **Time:** 09:00 am To 05:00 pm

Audience/Attended by: Undergraduate and Postgraduate Pharmacy students from various states of India

Organized by: AISSMS College of Pharmacy, Pune in association with the IQAC of SPPU

Organizing Committee: Dr. Monica RP. Rao, Dr. M. C. Damle, Dr. M. R. Bhalekar, Dr. T. S. Chitre

Description

Undergraduate and Postgraduate Pharmacy students enthusiastically presented their research to a team of judges composed of experienced professionals from the Pharma industry. The day was marked by a lively exchange of ideas and research methodology. The energy-filled event was concluded with the much-awaited Valedictory function. The teams from Amrutvahini College of Pharmacy Sangamner, Bharati Vidyapeeth's College of Pharmacy Navi Mumbai, and SKB College of Pharmacy Nagpur were awarded winner, 1st runner-up, and 2nd runner-up prizes respectively from PG category while Amrutvahini College of Pharmacy Sangamner, Sinhgad Institute Narhe and Dyanvilas College of Pharmacy Dudulgaon were declared winner, 1st runner up, and 2nd runner up prize respectively from the UG category. All winners were awarded attractive cash prizes with best wishes from the Hon. Secretary of AISSM Society, Shri. Malojiraje Chhatrapati & Principal, Dr. Ashwini R. Madgulkar.



“ The best way to predict the future is to invent it.

- Alan Kay

”



Upcoming News (Oct-Dec 2024):

- Blood Donation
- International FDP
- Faculty Development Program

Students Achievements & Participations

1. S. Y. B. Pharm.

Jay Waghmare

1st rank In Football Tournament

Organized by Shirvratna Sports Academy

Date: 15th August

Venue: PSA turf near Shree Lawns, Gangadham Road, Pune.

Piyush Nikam

2nd Rank In Purple Prose Prelims (poetry)

Organized and Conducted at BITS Pilani

Date: 1st September

Vaishnavi Patil

Silver Medal In Karate

Conducted by Karate Association of India.

Date: 21st September

“ The important thing is not to stop questioning.
Curiosity has its own reason for existing.

- Albert Einstein ”

Did You Know:

Uncovering Novel Approaches in Lung Cancer Therapy: An Overview of Non-Small Cell Lung Cancer Developments

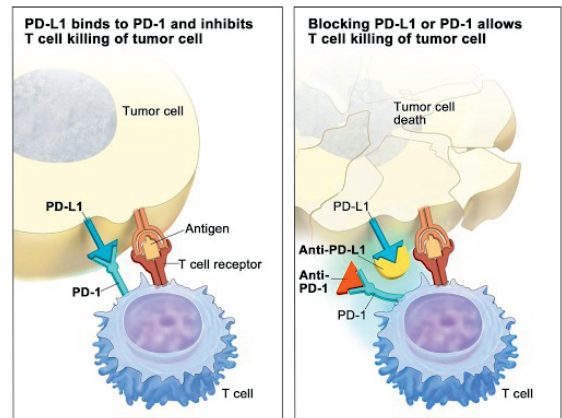
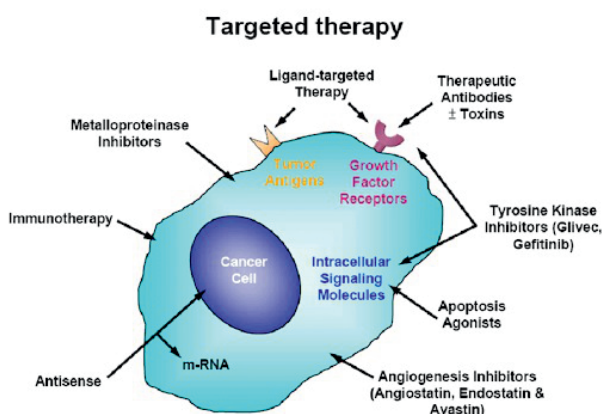
Lung Cancer Treatment: Navigating the Future

In the constant fight against cancer, non-small cell lung cancer (NSCLC) is among the most common and difficult opponents. Recent updates from the National Cancer Institute show that advancements in treatment are providing optimism and new opportunities for individuals impacted by this challenging illness. Let's examine the most recent advancements and approaches influencing the future of NSCLC therapy.

Understanding NSCLC: A Brief Overview

NSCLC makes up about 85% of total lung cancer cases. Unlike the fast-growing small cell lung cancer, NSCLC typically progresses at a slower pace and is commonly identified at a more advanced stage. Several subtypes of this lung cancer, such as adenocarcinoma, squamous cell carcinoma, and large cell carcinoma, necessitate specific treatment strategies.

1. Targeted Therapy: This method concentrates on certain genetic alterations seen in cancerous cells. More precisely and with fewer side effects than standard chemotherapy, drugs that target these alterations can stop the development of cancer cells.



2. Immunotherapy: By harnessing the body's immune system to fight cancer, immunotherapy represents a groundbreaking shift in treatment paradigms. Checkpoint inhibitors, a type of immunotherapy, have shown significant promise in enhancing the body's ability to recognize and destroy cancer cells.

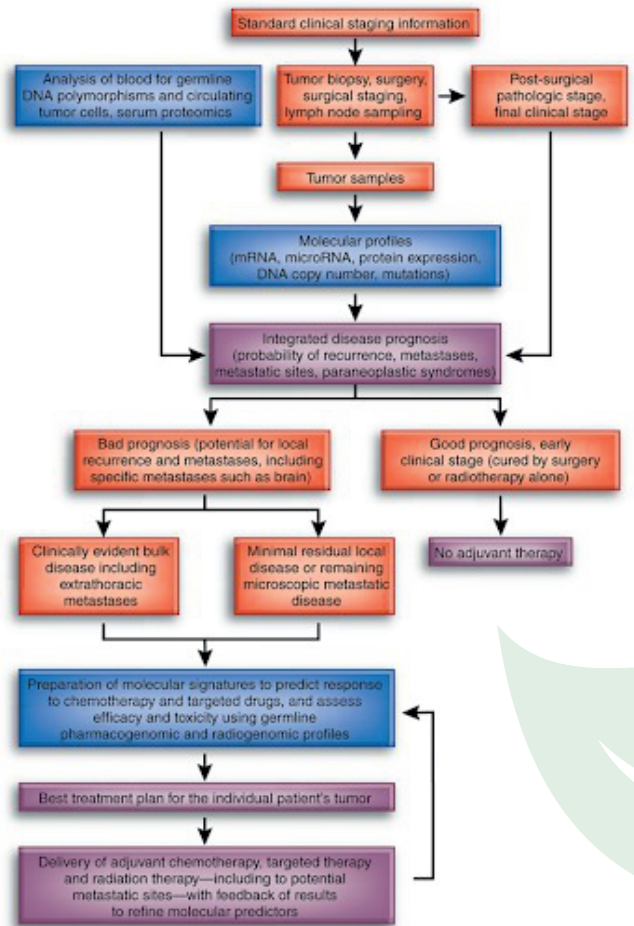
3. Personalized Medicine: Advancements in genetics and molecular biology enable personalized treatment approaches. This strategy customizes treatment strategies based on genetic information, to increase efficacy while minimizing side effects



4. Surgical Innovations: Video-assisted thoracoscopic surgery (VATS) and other minimally invasive techniques are revolutionizing surgical procedures. These strategies shorten healing time while improving patient outcomes.

Final Thoughts

As we continue to explore and innovate, the horizon for non-small cell lung cancer treatment is brighter than ever. The collaborative efforts of researchers, clinicians, and patients are driving progress and offering renewed hope. Stay informed and engaged with the latest advancements, as they pave the way for a future where lung cancer is more manageable and ultimately curable.





Scope of Pharmacy:

Pharmacy, being one of the most regulated industries, employs regulatory affairs professionals to ensure the quality, safety, and efficacy of therapies used by patients. Regulatory affairs departments within companies producing medicines, medical devices, food supplements, and veterinary medicines ensure compliance with all regulations and laws related to their business and products. These professionals must stay updated with complex regulations and often possess expertise in legal, regulatory, and clinical trial domains.

What Are Regulatory Affairs in the Pharma Industry?

Regulatory affairs professionals play a crucial role in drug development, acting as a vital communication link between pharmaceutical companies and regulatory agencies such as the FDA (United States), TGA (Australia), MHRA (United Kingdom), and MCC (South Africa), among others. Regulatory affairs teams interact with global, federal, state, and local regulatory agencies to ensure compliance in the following areas:

Licensing | Registration | Development | Manufacturing | Marketing | Labeling

Role of Regulatory Affairs Professionals

According to the Organization for Professionals in Regulatory Affairs, regulatory affairs professionals are responsible for:

- Monitoring and interpreting ever-changing legislation in regions where the company operates.
- Advising on legal, scientific, and regulatory requirements.
- Collecting, collating, and evaluating scientific data.
- Preparing and submitting registration documents to regulatory agencies and negotiating to obtain or maintain marketing authorization.
- Providing strategic and technical advice at the highest levels, contributing to the commercial and scientific success of the company.
- Helping the company avoid issues stemming from poorly kept records, inappropriate scientific practices, or substandard presentation of clinical trial data.

Why Is Drug Regulatory Affairs Important?

Drug regulatory affairs are a critical component of the healthcare industry. It ensures that drugs and medical devices are safe, effective, and compliant with regulatory standards for quality and purity. Without regulatory oversight, unsafe or ineffective products could reach the market, posing significant risks to patients. Moreover, regulatory affairs play a pivotal role in the drug development process, ensuring that new drugs are rigorously tested and evaluated before receiving approval for use.

“Wherever the art of medicine is loved,
there is also a love of humanity.”
- Hippocrates



Scientific Content:

After Mylan and Upjohn (a Pfizer subsidiary) merged, Viatris was created, and it now holds significant influence in the pharmaceutical market worldwide. This creative business has drawn notice for its important contributions to raising the cost and availability of necessary pharmaceuticals. This innovative company has received recognition for its substantial efforts to improve the accessibility and affordability of important pharmaceuticals.

About Viatris

Viatris is committed to helping communities get healthier with its diverse array of medications, which includes generic and biosimilar drugs as well as over-the-counter products. The company focuses on meeting key healthcare requirements, increasing patient access to high-quality therapies, and pushing advancements in drug delivery technologies.

Recent Achievements

Viatris' significant accomplishments include the development of a biosimilar to Humira (adalimumab), a commonly used medicine for treating autoimmune disorders such as rheumatoid arthritis and psoriasis. Humira, produced by AbbVie, is one of the world's best-selling medications, but its high cost has been a major hurdle for many patients. Viatris biosimilar provides a more economical option, potentially increasing access for individuals who require this critical treatment.

Viatris has also been active in growing its global footprint, aiming to fulfill unique healthcare demands across multiple locations. The company's dedication to affordability is demonstrated by its attempts to lower the cost of life-saving pharmaceuticals while maintaining high quality standards.

“ Discovery consists of seeing what everybody has seen and thinking what nobody has thought.
- Albert Szent-Györgyi ”



Viatrix' Biosimilar: Cyltezo

Cyltezo, Viatrix' biosimilar, provides a more inexpensive choice for individuals who require TNF-alpha inhibitor medication. Cyltezo has obtained regulatory approval from key agencies, including the United States Food and Drug Administration (FDA) and the European Medicines Agency (EMA). Key features of Cyltezo include:

1. **Cost Savings:** By offering a lower-cost alternative to Humira, Cyltezo helps make crucial treatment more accessible while also reducing the financial strain on healthcare providers.
2. **Clinical Comparison:** Clinical trials suggest that Cyltezo is as effective and safe as Humira. Cyltezo patients have the same clinical advantages and side effects as Humira patients do.
3. **Safety and Efficacy:** Extensive testing demonstrates that Cyltezo is equally safe and effective as Humira, giving it a viable choice for treating autoimmune diseases.

Impact and Future Directions:

Viatrix' focus on innovation and access is consistent with its objective to improve global health outcomes. Viatrix contributes significantly to the future of medicine by delivering cost-effective alternatives to expensive brand-name pharmaceuticals and solving gaps in healthcare access. The company's ongoing research and development efforts aim to bring novel solutions to market that meet unmet medical needs and improve patient care around the world.

Websites and Contact Details:

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Tel: +91400866666
<https://www.linkedin.com/company/viatrix/>

Source:

- 1) <https://www.viatrix.com/en>
- 2) <https://www.pharmaceutical-technology.com/>

“Without continual growth and progress,
such words as improvement,
achievement, and success have no meaning.”

- Benjamin Franklin



Theme

National Nutrition Week

National Nutrition Week is celebrated from the 1st of September to the 7th of September.

Diet plays the most important role in promoting the health and well-being of a human being. Balanced diet habit improves the quality of life, while a poor diet might cause morbidity and illnesses.

History Of National Nutrition Week

National Nutrition Week was first observed in India in 1982 by the Central Government to reduce the cases of malnutrition. Since then, it has been celebrated every year to highlight the significance of optimal nutrition for individuals of all ages.

Objectives

1. Review the frequency of problems in diet and nutrition.
2. Perform research plans and implement the National Nutrition Programs.
3. Monitor the condition of citizens' diet and nutrition.
4. Evaluate techniques to prevent and control nutritional problems.
5. Create awareness by providing training about health and nutrition.





(L to R) Upper

Ms. Neha Wable (TY)
Ms. Vaishnavi Shitole (Final year)
Ms. Prachi Divate (TY)
Mr. Ketan Bhogle (SY)
Mr. Prasad Kalekar (Final year)

(L to R) Lower

Mrs. S. H. Rao
Dr. Ashwini Madgulkar
Dr. Tina Saldanha



“Medicine is a science of uncertainty
and an art of probability.
- William Osler”

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