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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 student.
- 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 provision of better healthcare services.

Quality Policy:

- The AISSMS College of Pharmacy is committed to empower our students to meet global challenges in Pharmacy profession through excellence in education.
- Our highly qualified and committed faculty is constantly exploring newer frontiers of knowledge with the intention to build quality pharmacist.
- We believe in honing the overall persona 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 technocrat but also a better human being.

Objectives:

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

For Contact:

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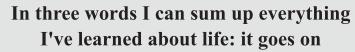
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Editorial:

Dear Pharmavoice Readers,

Greetings and a warm welcome to this special edition of our newsletter as we come together to celebrate World Pharmacist Day! In the ever-evolving landscape of healthcare, pharmacists stand as the unsung heroes, playing a crucial role in safeguarding our well-being and contributing to the building blocks of a healthier world.

The theme of this year's World Pharmacist Day resonates deeply with the dedication and trust that pharmacists bring to the forefront of healthcare systems globally. It is an opportunity to recognize and appreciate the relentless efforts of these healthcare professionals who work diligently behind the scenes, ensuring that we receive the best possible care.



- Robert Frost

Pharmacists are not merely dispensers of medications; they are the architects of health and healing. Their expertise goes beyond counting pills; it involves comprehensive knowledge of medications, potential drug interactions, and personalized patient care. In times of crisis, such as the global pandemic, pharmacists proved to be invaluable members of the healthcare team, providing guidance, support, and critical information to the public.

Let us take a moment to express our gratitude to pharmacists worldwide. Their commitment to the well-being of individuals and communities is truly commendable. We encourage our readers to reach out and acknowledge the pharmacists in their lives, whether it be at the local pharmacy or within the healthcare institutions where they work tirelessly to improve our health.

In conclusion, World Pharmacist Day is not just a day of celebration; it is a reminder of the vital role pharmacists play in the tapestry of healthcare. Join us as we honor and appreciate these dedicated professionals who continue to be pillars of support, ensuring that health and healing are accessible to all.

Wishing you a happy and healthy World Pharmacist Day!

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News and Events

Inhouse project competition for undergraduate students

Date: 21/9/23 Time: 3 to 5 pm

Audience/Attended by: B.Pharm

Organized by: Inhouse projects Committee

Details of Evaluator (s)/Resource Person(s) (Name/Affiliation/Contact Details): - Mr Anand **Bhide Factory Manager Omni Protech Pune**

Coordinator Names: Dr. M. C. Damle and Dr.Mangesh Bhalekar and Dr Tina Saldanha

No of Participants: 26

Description of Activity (Detail, Attendance, etc): Inhouse project competition for undergraduate students was organised on 21st September 2023. by Inhouse project committee. The purpose of event was to encourage and reward the students who did the project work. Mr. Anand Bhide, Factory Manager, Omni Protech Drugs Pvt. Ltd. Graciously accepted to be the judge for competition. Eight teams out of 11 teams participated in competition, 26 students were involved. Mr Anand Bhide appreciated the quality of projects and presentation skills.



"The only way to do great work is to love what you do" - Steve Jobs



Competition in progress



Winning team



Runners up



Mr Anand Bhide being presented certificate for judging competition at hands of Principal Dr Ashwini Madgulkar

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Mr Anand Bhide presenting certificates to winner



Mr Anand Bhide addressing students

Guest Lecture On Opportunities for Study, Work & Settle in Overseas Education

Date: 9/8/23

Time: 4 to 5 pm

Audience/Attended by: T.Y. B. Pharm

Organized by: Guest Lecture Committee

Details of Speaker(s)/Resource Person(s)

(Name/Affiliation/Contact Details): - Mr.Kalpesh Joshi, Business Development Officer, Sadguru

Overseas Education, Pune

Coordinator Names: Dr. M. C. Damle and Dr. T.

S. Chitre (Guest Lecture Committee)

No of Participants: 70

Description of Activity (Detail, Attendance, etc):

Mr.Kalpesh Joshi discussed the process for overseas education and facilities available at their center. He talked about the admission process for getting entries in countries like the USA,UK and Canada. He also told students about job opportunities and pay scales available for those kinds of jobs in the Pharma Industry.

Outcome:

Students got information about the admission process, education loan facilities as well as job opportunities in different countries that would guide them in future to perceive their passion of study/job abroad.





Celebrations of 15th August 2023 (77th Independence day)

Date: 15/08/2023

Time: 7 to 11:30 am

Audience/Attended by: NSS Committee & NCC Students, Students, staff of all colleges AISSMS

Society.

No of Participants:1500

Staff: 500

Organized by: AISSMS Society.

Anchors: 77th Independence day celebration in

the presence of chief guest

1) Shri Yashrajraje Chhatrapari,

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- 2) Shri Suresh Pratap Shinde(Honorary Joint Secretary, AISSM Society),
- 3) All Society members,
- 4) Principal AISSMS College of Pharmacy & all other colleges Principal

Coordinator Names: Dr.Rahul Padalkar (NSS

Programme Officer)

Expenditure Details (if any): NA

Description of Activity:

76th Independence day was celebrated by hoisting the national flag by Shri Yashrajraje Chhatrapari, National Anthem Jana Gana Mana, honour to National flag & Chief guest by NCC Students, later on speech given by Shri Suresh Pratap Shinde(Honorary Joint Secretary, AISSM Society), Cultural Programme were performed by SSPMS Students.

Activity (Organized) Photographs: 15/08/2023, Independence day



"The greatest glory in living lies not in never falling, but in rising every time we fall"

— Nelson Mandela









Activity Photographs:15/08/2023, Independence day, Cultural Programme, Tree Plantation

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Event Name/News: Tree plantation on 15th August 2023

Date: 15th August 2023 Time: 9:30 to 10:30 am

Audience/Attended by: NSS Committee, NSS

Students, All Staff

Organized by: NSS Committee

Anchors: NSS Students

Description: At AISSMS COP, Inauguration of tree plantation was done in presence of Dr. Ashwini Madgulkar (Principal AISSMSCOP), teaching, Non teaching staff & NSS Students.

Activity Photographs: 15/08/2023, Tree Plantation.



"Success usually comes to those who are too busy to be looking for it."





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Meri Mati Mera Desh-Panchapran (Oath)

Date: 15th August 2023

Time: 10 to 10:30am

Audience/Attended by: NSS Committee, NSS

Students, All Staff

Organized by: NSS Committee

Anchors: NSS Students

Description:

Meri Mati Mera Desh-Panchapran (Oath) were taken by Staff & NSS Students at AISSMSCOP, lastly vote of thanks was given by NSS Students.

Outcome/Usefulness: Commemorates the independence of India, Preservation of Cultural, linguistic, environmental diversity, by tree plantation preservation & conservation of environment, by taking Meri Mati Mera Desh-Panchapran (Oath)- Unity of Nation.

Activity (Organized) Photographs:15/08/2023, Meri Mati Mera Desh-Panchapran (Oath).









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Dr. Rahul Padalkar / Mr. P. P. Sonwane / Ms. Payal Pingale (Co-ordinator(s) (Dr. Ashwini R. Madgulkar)

Guest Lecture on Democracy and Constitution.

Date: Friday 21st July . 2023 Time: 10:00 AM - 12.00 PM

Audience/Attended by: FY. B. Pharm students

Organized by: Guest lecture committee.

Anchors: Dr. Mrinalini Damle and Ms. Ankita S

Ingale

Description:

Mr. Manoj Ramrao Wagh gave an overview regarding democracy, election and governance along with a detailed idea regarding working and operation of Electronic Voting Machine (EVM). Students had an interesting and interactive session and understood their individualized responsibilities as a voter and also operated the online application for the same.







Guest Lecture On Indian Pharmaceutical Industry – Opportunities And Challenges.

Date: Monday 28th July 2023 Time:11:30AM to 1:30 PM

Final Yr. B. Pharm and M. pharm students. Organized by: Guest lecture committee.

Anchors: Dr. Mrinalini Damle and Ms. Ankita S

Ingale

Description:

Dr. Jayant Tilekar had an interesting talk on the topic, "INDIAN PHARMACEUTICAL INDUSTRY – OPPORTUNITIES AND CHALLENGES".

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He gave an overview of various departments and the job profiles included in it along with statistical data of top pharmaceutical industries.

All the students had a fruitful and interactive discussion with Dr. Jayant Tilekar sir and he answered several doubts with examples and gave a clarified idea to the students.







"Life is what happens when you're busy making other plans."

- John Lennon

Alumni Guidance on career in Pharmacovigilance

Date: Thursday 7th Sept. 2023

Time: 4 to 5 pm

Audience/Attended by: M. pharm QA students.

Organized by: Dr. Mrinalini Damle

Description:

Mr. Pratik Rokade, M. Pharm. QA student of 2016 batch, currently working as "Safety Science coordinator" at Fortrea, Pune, guided current QA students on career in Pharmacovigilance.



Training of QA students by Anatek Engineer

Date: Monday 11th Sept. 2023

Time:11:00 am to 5:00 pm

Audience/Attended by: M. pharm QA students.

Organized by: Dr. Mrinalini Damle

Description:

Mr. Anupam Giri, a Service engineer from Anatek Services, Mumbai trained M. Pharm. QA students on use of HPLC in the college instrument room. This is initiative of IQAC (Internal Quality Assurance Cell).

"The only limit to our realization of tomorrow will be our doubts of today."
- Franklin D. Roosevelt

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Students achievements and participations July-Sept 2023

62nd NPW Poster Competition organized by IPA Pune

Date: Wednesday 20th Sept. 2023

Audience/Attended by: M. pharm Pharmacology students Tapasya and Vrushali

Teacher coordinator from AISSMSCOP: Dr. Mrinalini Damle

Organized by: PES Modern College of Pharmacy for Ladies, Moshi

Description:

A team of Tapasya Shaha and Vrushali Dongarepresented a poster based on the theme "Pharmacists strengthening Health Systems" Hearty congrats to them for bagging the "Runner-up" position.



62nd NPW Poster Competition organized by IPA Pune

Date: Wednesday 20th Sept. 2023

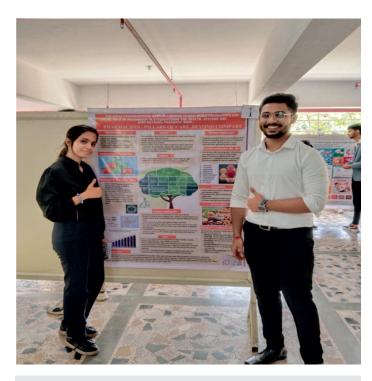
Audience/Attended by: B. pharm students Nakshi and Jayesh

Teacher coordinator from AISSMSCOP: Dr. Mrinalini Damle

Organized by: TMV's Lokmanya Tilak Institute of Pharmaceutical Sciences, Pune

Description:

A team of Nakshi Doshi and Jayesh Awad presented a poster based on the theme "Pharmacists strengthening Health Systems" Hearty congrats to them for bagging the "Winner" position.



"Do not wait to strike till the iron is hot, but make it hot by striking."

- William Butler Yeats

"The only thing we have to fear is fear itself."

- Franklin D. Roosevelt

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News and Events (July-Sept 2023):









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Did You Know:

Brief history of pharmacy

Pharmacy is as old as medicine itself. The earliest example ever found of pharmaceutical science was in ancient Mesopotamia, around 2100 BCE. The Papyrus Ebers, a collection of 700 prescriptions and remedies found in Egypt, dates back to around 1500 BCE.

In Europe, public pharmacies began appearing in the 13th century. King Frederick II passed a law that officially separated the professions of physicians and pharmacists, creating professional regulation for both in 1240.

In 1618, the first complete collection of approved drugs in English, the London Pharmacopoeia, was published. And by the mid-1700s, pharmaceutical science and practice had begun in America, after a hospital pharmacy was co-founded by Benjamin Franklin in Philadelphia.

The evolution of pharmacy practice increased with the Industrial Revolution through mass-produced, prepackaged medication and inventions like the rotary tablet press. This first wave of pharmacy technology in America became the foundation for the industry's greatest erayet: the 20th century.

- 1) In 1970, the first electronic portable digital tablet counter was invented by John Kirby.
- 2) In the early 1980s, Leon Faber discovered how to store and play digitized speech and process any responses, leading to the original IVR system.
- 3) Pagers or beepers, first commercially available in the 1980s, were widely used for patient and healthcare provider communication until recently.

By the early 17th century, Western society had created its first pharmacist guild, and those apothecaries played a central role as healthcare providers. Two centuries later in the United States, apothecaries became known as pharmacies, thanks to Edward Parrish of the American Pharmaceutical Association, as it was then known. Within those bounds, pharmacists made and prescribed medicines into the 1950s as respected community medical providers.

Passage of the 1951 Durham-Humphrey Amendment to the Federal Food, Drug and Cosmetic Act of 1938 altered the role of the pharmacist. Now restricted to recommending over-the-counter medications, they began to focus more on dispensing prescriptions and ensuring product safety. A movement began during the 1980s to expand the role of pharmacists in the clinical setting, and by 2003, with the Medicare Prescription Drug Improvement and Modernization Act, pharmacists were given greater opportunities to again counsel patients on both over-the-counter and prescription medications.

The 1800s brought increased technical sophistication. By the late 1880s, German dye manufacturers had perfected the purification of individual organic compounds from tar and other mineral sources and had also established rudimentary methods in organic chemical synthesis. Chloral hydrate was introduced as a sleeping aid and sedative in 1869. Chloroform was first used as an anesthetic in 1847. Derivatives of phenothiazines had an important impact on various aspects of medicine, beginning with methylene blue which was originally used as a dye after its synthesis from aniline in 1876. Phenothiazines were used as antimalarials, antiseptics, and anthelmintics up to 1940. The "psychopharmacological revolution" began in 1950 when Chlorpromazine was discovered.

The United States formed the American Pharmaceutical Association in 1852 with its main purpose to advance pharmacists' roles in patient care, assist in furthering career development, spread information about tools and resources, and raising awareness about the roles of pharmacists and their contribution to patient care. Frederick Banting and Charles Best found the hormone insulin to lower blood sugar of dogs in 1921. This inspired further work by James Collip who developed pure insulin used for human testing and dramatically changed the prospects for all diabetics. Alexander Fleming developed the first antibiotic, penicillin, after discovering a fungus that was able to kill off bacteria.

The role of the pharmacist continues to expand as patient assessment becomes an increasingly important function — ensuring that the patient-centered care that roots our history also directs our future.

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Scope of Pharmacy:

Innovative Horizons: Unveiling the Vast Scope of Novel Drug Delivery Systems

In the dynamic realm of pharmaceuticals, the evolution of drug delivery systems has emerged as a game-changer, revolutionizing the way medications are administered and absorbed within the body. This edition of our newsletter delves into the expansive scope of Novel Drug Delivery Systems (NDDS), exploring the cutting-edge innovations that hold the promise of transforming healthcare landscapes globally.

Traditionally, pharmaceutical formulations focused on delivering drugs through conventional routes, such as oral tablets or injections. However, with the advent of NDDS, the paradigm has shifted, introducing sophisticated methods to enhance drug efficacy, improve patient compliance, and minimize side effects.

1) Personalized Precision: Tailoring Therapies for Maximum Impact

One of the key advantages of NDDS is its ability to personalize drug therapies. By fine-tuning the delivery mechanism, healthcare professionals can optimize drug concentration at the target site, minimizing exposure to healthy tissues and reducing systemic side effects. This precision medicine approach ensures a more effective and targeted treatment, paving the way for enhanced patient outcomes.

2) Overcoming Barriers: Breaking Through Biological Challenges

NDDS addresses the challenges posed by the body's biological barriers, such as the blood-brain barrier or the gastrointestinal tract. These systems employ innovative technologies like nanotechnology, liposomes, and microspheres to encapsulate drugs, facilitating their transport to specific tissues or organs that were previously hard to reach. This breakthrough has significant implications for the treatment of conditions like neurological disorders or cancers.

3) Extended Release: Prolonging Therapeutic Effects

In conventional drug delivery, maintaining consistent

therapeutic levels can be a challenge. NDDS offers solutions through sustained or controlled-release formulations, ensuring a prolonged and steady release of medication. This not only improves patient compliance by reducing the frequency of dosing but also enhances the overall effectiveness of the treatment.

4) Patient-Centric Advancements: From Wearable's to Implants

The scope of NDDS extends beyond traditional dosage forms. Innovations like smart drug delivery systems, wearable devices, and implantable technologies are gaining prominence. These advancements empower patients by providing real-time data on their health status and enabling healthcare providers to adjust treatments accordingly. It marks a paradigm shift towards patient-centric care and active disease management.

5) Collaborative Synergy: The Intersection of Disciplines

The field of NDDS is inherently multidisciplinary, fostering collaborations between pharmacologists, chemists, engineers, and medical professionals. This convergence of expertise accelerates the development of groundbreaking solutions, pushing the boundaries of what is possible in drug delivery.

As we navigate through this exciting landscape, it becomes evident that the scope of Novel Drug Delivery Systems is limitless. From enhancing drug bioavailability to ensuring targeted delivery and minimizing side effects, NDDS is reshaping the future of healthcare. Join us in celebrating the pioneers and innovators in this field, as they unlock new frontiers in pharmaceutical science and contribute to a healthier and more precise approach to patient care.

"It is during our darkest moments that we must focus to see the light."
-Aristotle Onassis

"You have within you right now, everything you need to deal with whatever the world can throw at you." - Brian Tracy

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Scientific Content:

Medico Remedies Ltd.

Medico Remedies Ltd. is a pharmaceutical company based in India. It was established in 1994 and is headquartered in Mumbai, Maharashtra. The company specializes in the manufacturing and marketing of a wide range of pharmaceutical products, including tablets, capsules, injections, ointments, creams, and more. Medico Remedies Ltd. has a strong presence in both the domestic and international markets. The company exports its products to over 50 countries worldwide, including the United States, Europe, Africa, and Asia. It has a dedicated team of professionals who ensure the highest quality standards are met during the manufacturing process. The company's manufacturing facilities are equipped with state-of-the-art technology and adhere to strict quality control measures. Medico Remedies Ltd. has obtained various certifications, including ISO 9001:2015, WHO-GMP, and EU-GMP, which highlight its commitment to producing safe and effective pharmaceutical products. Medico Remedies Ltd. offers a diverse product portfolio that covers a wide range of therapeutic segments, including antibiotics, analgesics, anti-pyretics, anti-inflammatory drugs, cardiovascular drugs, gastrointestinal drugs, and more. The company focuses on developing innovative formulations and continuously invests in research and development to introduce new products in the market.

Overall, Medico Remedies Ltd. is a reputable pharmaceutical company that has gained recognition for its quality products and global presence. With its focus on research and development, the company continues to contribute to the healthcare industry by introducing innovative and affordable pharmaceutical solutions.

Websites and Contact Details:

https://medicoremedies.com/

Medico Remedies Limited.

Harshit Mehta(Director) 1105/1106, Hubtown Solaris, N.S.Phadke Marg, opp.teligali, Andheri East, Mumbai-400069.

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"It is during our darkest moments that we must focus to see the light."
-Aristotle Onassis

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Theme:







P ~ Punctuality
H ~ Humanity
A ~ Acceptability
R ~ Reliability
M~ Morality
A ~ Ability



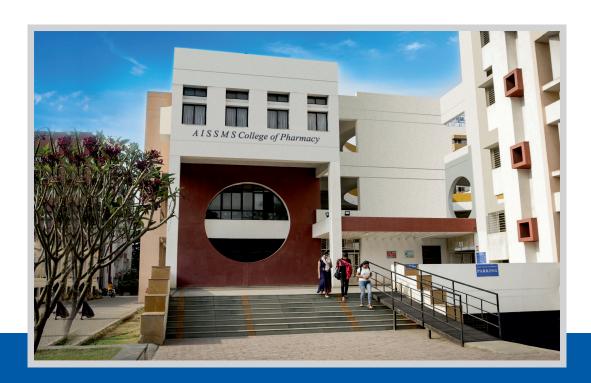
"You have within you right now, everything you need to deal with whatever the world can throw at you."

- Brian Tracy









THANK YOU

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