



AISSMS
COLLEGE OF PHARMACY



IMPARTING EXCELLENCE IN EDUCATION & RESEARCH

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

PHARMAVOICE

NEWS & EVENTS

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► Vision :

- To shape future-ready pharmacy professionals by fostering excellence in education, research and innovation for societal needs

► Mission :

-  To empower students with excellence in pharmacy education through skilled faculty and state-of-the-art infrastructure.
-  To cultivate a strong research temperament among students by engaging them in research projects, activities that promote critical thinking and problem-solving skills.
-  To integrate social responsibility into learning by ensuring participation of students in community-outreach programs.

Quality Policy :

AISSMS College of Pharmacy, commits to quality by pursuing excellence in education through innovative teaching, experiential learning, and imparting skills, to foster quality culture in both staff and students, aiming to produce competent professionals.

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

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|--------------------|-------------------------|----------------------|
| • Vision & Mission | • Students Achievements | • Scope Of Pharmacy |
| • Editorial | • Staff Achievements | • Scientific Content |
| • News & Events | • College Achievements | • Theme |
| • Upcoming News | • Did You Know | |

► Editorial :

A warm and heartfelt welcome to all our readers.

As we progress through another meaningful phase of the academic year, we are reminded that every experience contributes to our growth and shapes the professionals we aspire to become. Each opportunity encourages us to learn, collaborate, and move closer towards excellence.

The field of pharmacy continues to evolve through scientific advancements, technological innovations, and a shared commitment to improving healthcare. From personalised medicine and novel drug delivery systems to artificial intelligence and biotechnology, these developments inspire us to remain curious, adaptable, and prepared to contribute meaningfully to society.

This edition reflects the enthusiasm, dedication, and collective spirit of our academic journey. Through academic initiatives, workshops, seminars, student-led activities, cultural events, and community engagement, we continue to learn beyond the classroom while developing essential values such as teamwork, leadership, and social responsibility.

As we celebrate the achievements and memorable moments featured in this edition, let us also look ahead with renewed enthusiasm and determination. May we continue to embrace innovation, support one another, and strive to create a positive impact through knowledge, compassion, and service.

We wish all our readers an inspiring, innovative, and successful journey ahead.

"The future belongs to those who believe in the beauty of their dreams."

– Eleanor Roosevelt

► Photos With Names & Class Of The Editorial Board :



Top Row (Left to Right):	Bottom Row (Left to Right):	Middle Row (Left to Right):
• Ketan Bhogale (Final Year B.Pharm) • Chetan Gaikwad (Final Year B. Pharm) • Pratiksha Baravkar (M.Pharm)	• Mrs. Niharika Patil • Dr. Ashwini R. Madgulkar (Principal, AISSMS COP) • Mrs. Shivani Rao	• Dhwani Chotalia (T.Y. B.Pharm) • Anusha Thombare (T.Y. B.Pharm) • Mansi Thakkar (S.Y. B.Pharm) • Shruthi (S.Y. B.Pharm)

"Wherever the art of medicine is loved, there is also a love of humanity."

— Hippocrates



► Did You Know :

The painkiller ziconotide — sold as Prialt — comes from the venom of the *Conus magus* cone snail, a small but deadly marine creature found in the Indo-Pacific Ocean. Cone snails paralyze their prey by firing a harpoon-like tooth that injects venom containing hundreds of tiny proteins called conotoxins.

Scientists discovered that one of these conotoxins, ω -conotoxin MVIIA, blocks calcium channels (N-type voltage-gated Ca^{2+} channels) in nerve cells — essentially shutting off pain signals at the spinal cord level. This makes it 1,000 times more potent than morphine, and crucially, it works on patients who no longer respond to opioids.

Because it can't cross the blood-brain barrier orally, ziconotide is administered directly into the spinal fluid via an intrathecal pump — a small device implanted under the skin.

It's a powerful reminder that some of nature's most dangerous creatures carry the seeds of life-saving medicine.



"Wherever the art of medicine is loved, there is also a love of humanity."
— Hippocrates



1. Peer Learning Sessions

- **Date :** First week of April 2026
- **Time :** A convenient time slot as per the timetable for T.Y. & Final Year B.Pharm. students.
- **Audience/Attended By:** Students who scored less than 50% marks in the First Sessional Examination attended peer learning sessions for their respective subjects.
- **Organized By :** Programme Committee

Description

Peer learning sessions are based on the concept that students learn more effectively and without inhibition or stress when a topic is taught by their peers. These sessions were conducted using various teaching methods, including chalk-and-board teaching, PowerPoint presentations, and group discussions. Students interested in teaching were encouraged to volunteer, prepare thoroughly, and lead discussions with their peers. This activity proved beneficial for both the student teachers & the learners by enhancing subject understanding, communication skills, and confidence.

Total Number of Registered Students :

- T.Y. B.Pharm.: 40 learners and 6 student teachers
- Final Year B.Pharm.: 17 learners and 6 student teachers
- S.Y. B.Pharm.: 14 learners and 2 student teachers
- First Year B.Pharm.: 14 learners and 4 student teachers

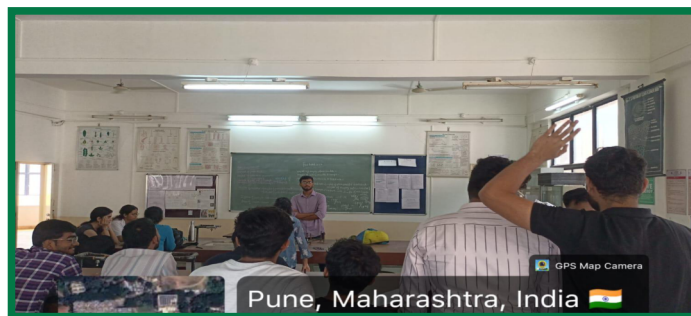
Detailed Description of Activity Attended :

The activity was well coordinated by the student representatives of the Programme Committee, namely Kajal Kawale, Asif Shaikh, Shambhavi Mahaddalkar, Mohan Chate, Sammrudhhi Nalawade, Aditya Galave, Sakshi Sardesai, and Atharv Gadakh. They introduced the concept to their respective classes and encouraged voluntary participation among students.

The students who participated as peer teachers were Prasad Suryawanshi, Asif Shaikh, Kajal Kawale, Kshitija, Pravara, Rushikesh Kasale, Parth Shewale, Omkar Bhojne, Shambhavi Mahaddalkar, Mansi Kale, Mohan Chate, Mitali Sonwane, Aditya Galave, Darshan Landge, Gayatri Shinde, Prachi Lahodkar, Tejas Chaughule, and Prajakta Shinde. Their enthusiasm, dedication, and commitment to supporting their peers are highly appreciated.



► Medicinal Chemistry Peer Learning session by Prasad Suryawanshi



► Herbal Drug Technology session by Asif Shaikh



1. Peer Learning Sessions



► Pharmacology session by Kajal Kawale



► Advanced Instrumentation Techniques session by Omkar Bhojne and Shambhavi Mahaddalkar



► Physical Pharmacy session by Darshan Landage



► Med.Chem-I session at B.Pharm. Sem-IV



► Sem -II HAP session conducted by Gayatri Shinde



► Sem-II Pathophysiology session conducted by Prachi Lahodkar

"The good physician treats the disease; the great physician treats the patient who has the disease."
— William Osler

2. Blood Donation Camp

- **Date :** 20 April 2026
- **Time :** 10:00 a.m. – 4:00 p.m.
- **Audience/Attended By :** Students, teaching & non-teaching staff, & members of the local community
- **Organized By :** APGA and NSS Unit, AISSMS College of Pharmacy, Pune

Detailed Description of Activity Attended :

The NSS Unit and APGA of AISSMS College of Pharmacy, Pune, organized a Blood Donation Camp in association with Sassoon Hospital, Pune, on 20 April 2026 at the college campus. The camp was open to students, teaching and non-teaching staff, and members of the local community. The event was widely promoted through posters, video reels, and awareness campaigns with the support of the College Media Committee.

A team of 13 staff members from Sassoon Hospital conducted the camp. Before blood donation, all donors underwent a health screening that included blood group determination, haemoglobin estimation, and body weight measurement. The camp witnessed enthusiastic participation from students and staff members. Students also delivered a short speech highlighting the importance of voluntary blood donation and formally welcomed the team from Sassoon Hospital.

At the conclusion of the programme, Sassoon Hospital presented a Trophy of Appreciation to Dr. Ashwini R. Madgulkar (Principal), Mr. Jitendra Gajbe (NSS Programme Officer), and Mrs. Amruta Avalaskar (APGA In-charge) in recognition of their support and the successful organization of the camp. The event was coordinated by Mr. Jitendra Gajbe and Mrs. Amruta Avalaskar under the guidance of Dr. Ashwini R. Madgulkar.



3. Prize Distribution Programme (2025–2026)

- **Date :** 24 April 2026
- **Time :** 2:30 p.m. – 5:00 p.m.
- **Audience/Attended By :** Undergraduate & Postgraduate Students
- **Organized By :** Ms. Nishigandha Yadav & Ms. Mitali Gandhi
- **Anchors :** Jayesh Sakpal, Pooja Chaudhari, and Shreyash Barde

Detailed Description of Activity Attended :

Students of AISSMS College of Pharmacy pursuing B.Pharm. and M.Pharm. actively participated in the Prize Distribution Programme, which recognized achievements in various activities and competitions, including Ranangan, Green Champion, and Class Representative (CR) initiatives. Students who made significant contributions to the Programme Committee and Newsletter Committee were also acknowledged for their dedicated service.

The programme concluded with the distribution of trophies, medals, and certificates to winners, runners-up, and academic rank holders in recognition of their outstanding achievements and contributions throughout the academic year.



"Medicine is a science of uncertainty and an art of probability."
— William Osler

4. Expert Session on Copyrights

- **Date :** 27 April 2026
- **Time :** 9:30 a.m. – 10:30 a.m.
- **Audience/Participants :** Staff
- **Organised By :** IPR Committee, AISSMS College of Pharmacy, Pune
- **Resource Person :** Mrs. Asha Hole, Indian Patent & Trademark Agent & IP Facilitator for Start-ups

Detailed Description of Activity Attended :

To commemorate World Intellectual Property (IP) Day 2026, the IPR Committee of AISSMS College of Pharmacy, Pune, organized an expert session titled "Hidden Assets of Pharma Research: Exploring Copyright Protection." The session was delivered by Mrs. Asha Hole from GenioBrain IP Solutions.

Ms. Mitali Gandhi introduced the resource person and highlighted the significance of copyright protection in academic and pharmaceutical research. The session provided valuable insights into the scope of copyright protection and explained the types of academic and research materials that are eligible for copyright registration.

The session concluded with an interactive question-and-answer session, during which participants actively engaged with the speaker. Dr. Tina Saldanha delivered the vote of thanks, and Dr. Mrinalini Damle presented a token of appreciation to Mrs. Asha Hole in recognition of her informative and engaging session.



"The greatest medicine of all is to teach people how not to need it."
— Hippocrates

5. QbD Lean Six Sigma Workshop

- **Date :** 28–29 April 2026 (continued in May 2026)
- **Audience/Participants :** M.Pharm. Semester II and Semester IV students
- **Organised By :** Value-Added Courses Committee
(Dr. M. R. P. Rao, Dr. T. S. Chitre, Dr. P. P. Sonwane, Mrs. N. P. Patil, and Mrs. D. Jadhav)

Detailed Description of Activity Attended :

The Value-Added Courses Committee organized a 30-hour certificate course titled "QbD Lean Six Sigma Green Belt – Level 1 with Design of Experiments (DoE), Predictive Analytics, and Monte Carlo Simulations for Drug Development and Process Optimization." The programme was conducted by Mr. Santosh Awsarkar, Co-Founder and Director, Pursullence GBS LLP.

The workshop commenced with an introduction to the principles of Six Sigma and their applications in the pharmaceutical industry. Participants also received hands-on training through practical case studies, enabling them to understand the implementation of Quality by Design (QbD), Design of Experiments (DoE), and predictive analytical tools in pharmaceutical development and process optimization.

Nearly 120 M.Pharm. students attended the workshop, and 22 students enrolled for the final certification, which was awarded based on the performance in an online examination.





6. Farewell 2025–2026

- **Date :** 14 May 2026
- **Time :** 1:00 p.m. – 5:00 p.m.
- **Audience/Participants :** Third Year & Final Year B.Pharm. students, along with all teaching & non-teaching staff
- **Organised By :** T.Y. Semester VI Class Teachers, Ms. Komal Shinde & Dr. Pradeep Sonwane, in collaboration with the Third Year B.Pharm. students

Detailed Description of Activity Attended :

The Farewell Programme for the outgoing Final Year B.Pharm. batch (2022–2026) was organized to celebrate their academic journey and wish them success in their future endeavours.

The programme commenced with a heartfelt address by the Third Year class teachers, Ms. Komal Shinde and Dr. Pradeep Sonwane, followed by motivational speeches from the Final Year class teachers—Ms. Nishigandha Yadav (Semester VIII), Ms. Tejasvini Jagtap (Semester VII), and Mr. Tushar Morankar (Semester VIII). They encouraged the graduating students to pursue their professional aspirations with confidence and dedication.

The celebration featured a variety of student-led activities, including games, cultural performances, and a cake-cutting ceremony. The event concluded with a group photograph and refreshments.

A highlight of the programme was the announcement of the Best Outgoing Student Award, which was presented to Mr. Shreyash Barde by Principal Dr. Ashwini R. Madgulkar.

Outcome/Usefulness :

The farewell programme provided an opportunity for junior students to express their gratitude and appreciation to the graduating batch. It also strengthened the bond between students and faculty while creating lasting memories for the outgoing students. As an annual co-curricular activity, the farewell programme fosters a sense of belonging and celebrates students' achievements.

*"I attribute my success to this: I never gave or took any excuse."
— Florence Nightingale*

6. Farewell 2025–2026



7. Annual Health Check-up (2025–2026)

- **Date :** 4th June 2026
- **Time :** 1:00 p.m. – 5:00 p.m.
- **Audience/Participants :** First Year B.Pharm. students, M.Pharm. students handling laboratory animals, and teaching & non-teaching staff
- **Organised By:** Health Check-up Committee and NSS Unit

Detailed Description of Activity Attended :

The Annual Health and Eye Check-up under the Students' Health Service Scheme of Savitribai Phule Pune University was conducted on 4 June 2026 for First Year B.Pharm. students, M.Pharm. students handling laboratory animals, and the teaching and non-teaching staff.

The Students' Health Service Scheme was established by Savitribai Phule Pune University to promote the physical, mental, and social well-being of students. The annual health check-up enables the early detection of previously undiagnosed medical conditions, allowing timely medical consultation and treatment. Students are advised to seek appropriate medical care for any health concerns identified during the examination.

The programme contributed to creating awareness about preventive healthcare and emphasized the importance of regular health screening as an essential component of student well-being.



8. International Conference on "Dissolution Testing & Bioavailability in Drug Development"

- **Date :** 8–9 June 2026
- **Time :** 2:00 pm to 5:45 pm
- **Audience/Participants :** M.Pharm. (Quality Assurance) Semester II students
- **Organised By :** Srinath College of Pharmacy

Detailed Description of Activity Attended :

Eight students from M.Pharm. (Quality Assurance), Semester II, attended the International Conference titled "Dissolution Testing and Bioavailability in Drug Development." The conference was organized by Srinath College of Pharmacy in association with Dr. Babasaheb Ambedkar Technological University, Lonere, and the Indian Pharmaceutical Association (Aurangabad Branch) at Sambhajinagar.

The conference provided participants with valuable insights into recent advances in dissolution testing, bioavailability studies, and their applications in pharmaceutical research and drug development. It also offered an opportunity for students to interact with experts, academicians, and researchers in the field, thereby enhancing their technical knowledge and professional exposure.



9. International Yoga Day

- **Date :** 22 June 2026
- **Time :** 11:00 a.m. – 12:30 p.m.
- **Audience/Participants :** Staff & Postgraduate Students
- **Organised By :** Extension Cell

Detailed Description of Activity Attended :

The International Yoga Day was celebrated at AISSMS College of Pharmacy on 22 June 2026 from 11:00 a.m. to 12:30 p.m. The session was conducted by Dr. Raghvendra Patil, Pune.

The programme included :

- A talk on Yoga, Diet, and Health
- Demonstration and practice of various yoga asanas
- Meditation and pranayama
- Guidance on maintaining a healthy lifestyle through proper diet & regular yoga practice

The teaching and non-teaching staff, along with postgraduate students, enthusiastically participated in all the activities conducted during the session. The programme was convened under the guidance of Principal Dr. Ashwini R. Madgulkar.



► Principal Dr. Ashwini R. Madgulkar, teaching, non-teaching staff & PG Students after Yoga session

"Let us never consider ourselves finished nurses... we must be learning all of our lives."
— Florence Nightingale



► Scope of Pharmacy: *Pharmacovigilance – The Science of Drug Safety*

What is Pharmacovigilance? Pharmacovigilance (PV) is the science of detecting, assessing, understanding, and preventing adverse effects or other medicine-related problems. It plays a crucial role in monitoring the safety of medicines throughout their lifecycle, especially after they enter the market and are used by a large population.

► What Does a Pharmacovigilance Professional Do?

A Pharmacovigilance Professional:

- Collects and evaluates Adverse Drug Reaction (ADR) reports.
- Processes Individual Case Safety Reports (ICSRs) related to suspected adverse events.
- Reviews patient and medication information to assess possible drug-related risks.
- Searches scientific literature for newly reported safety concerns.
- Identifies potential safety signals associated with medicines.
- Prepares safety documentation and reports for regulatory purposes.
- Helps monitor the benefit–risk profile of medicines and supports patient safety.

Who Can Opt for Pharmacovigilance?

- B.Pharm graduates
- M.Pharm graduates
- Pharm.D graduates
- Graduates from relevant life–science backgrounds, depending on the employer

Entrance Examination

- There is no single mandatory national entrance examination for a career in pharmacovigilance.
- GPAT is not mandatory to apply for entry–level PV positions.
- Recruitment is generally conducted directly by pharmaceutical companies, CROs, hospitals, & drug–safety organisations.
- Companies may conduct their own aptitude tests, technical assessments, and interviews.

Age Limit

- There is no universal age limit for entering pharmacovigilance.
- Eligibility and experience requirements vary according to the organisation & job position.

Basic Knowledge Required

A B.Pharm student already studies several subjects relevant to PV, including:

- Pharmacology
- Pharmacotherapeutics
- Pathophysiology
- Clinical Pharmacy
- Toxicology
- Pharmaceutical Jurisprudence
- Biostatistics

Possible Career Progression

B.Pharm → Pharmacovigilance/Drug Safety Associate → Senior Associate → Safety Specialist/Scientist
→ Pharmacovigilance Manager

In India

India's Pharmacovigilance Programme of India (PvPI) was initiated in 2010 and is coordinated by the Indian Pharmacopoeia Commission (IPC). The programme focuses on monitoring adverse drug reactions and improving the safety of medicines in India.



► Scientific Content :

Vertex Pharmaceuticals

Company Overview

- Full Name : Vertex Pharmaceuticals Incorporated
- Headquarters : Boston, Massachusetts, USA
- Founded : 1989



THE SCIENCE *of* POSSIBILITY

Business Segments :

- ◆ Precision medicines
- ◆ Gene-editing therapies
- ◆ Cystic fibrosis therapeutics
- ◆ Pain management
- ◆ Cell and genetic therapies
- ◆ Kidney disease and Type 1 diabetes research

Global Presence :

Vertex operates in more than 35 countries, with research and development centres across the United States, the United Kingdom, and Europe. The company collaborates with leading biotechnology firms and academic institutions worldwide and is recognised as a global leader in precision medicine, particularly for rare genetic diseases.

Recent Financial Snapshot :

Vertex reported more than US\$11 billion in annual revenue in 2025, driven largely by its cystic fibrosis portfolio, while significantly increasing investments in gene editing, pain management, and stem cell therapies.

R&D & Manufacturing Focus :

- ◆ Pioneer in precision medicine for genetic disorders.
- ◆ Developed the world's first approved CRISPR-based gene-editing therapy in collaboration with CRISPR Therapeutics.
- ◆ Strong focus on non-opioid pain medicines, Type 1 diabetes, kidney diseases, & stem-cell therapies.
- ◆ Invests billions of dollars annually in research and development to create first-in-class medicines.



Recent Scientific Advancement (2025)

Journavx (Suzetrigine): The First New Class of Non-Opioid Painkiller in More Than 20 Years

In January 2025, Vertex Pharmaceuticals achieved a historic milestone when the U.S. Food and Drug Administration (FDA) approved Journavx (suzetrigine), the first new class of pain medicine in over two decades. Unlike opioid analgesics such as morphine or oxycodone, Journavx does not act on opioid receptors in the brain. Instead, it selectively blocks NaV1.8 sodium channels found in peripheral pain-sensing neurons, preventing pain signals from reaching the brain while avoiding the addictive pathways associated with opioids.

This breakthrough is particularly significant because opioid dependence and overdose remain major global public health concerns. Clinical trials demonstrated that Journavx effectively relieved moderate-to-severe acute pain following surgery while showing no evidence of addiction potential, making it a promising alternative for millions of patients who require pain management.

Scientists believe this approval represents a major shift in analgesic drug development and could pave the way for an entirely new generation of safer pain medications. It is considered one of the most important pharmaceutical innovations of 2025.

► Websites & Contact Details:

- 📞 U.S. Patient Support: Call +1-877-752-5933 (press 2 for a Case Manager)
- 📞 Corporate HQ (Boston): Call +1-617-341-4100.
- 📞 Clinical Trials: Call +1-617-341-6777 or visit Vertex Medical Info.
- 🌐 Vertex Pharmaceuticals Official Website

► Theme : World Autism Awareness Day (2nd April)

World Autism Day was established and named by the United Nations (UN) in 2007 and is considered a significant step towards securing global recognition and equal opportunities.

While the terms used to refer to the day might differ, for instance, "autistic day", the essence remains the same. With a different theme and objective every year, the day initiates progressive steps towards a more understanding society.

Observed on April 2 every year, the day's purpose is to reach a wider audience, including schools, workplaces, healthcare organisations, and, more importantly, autistic individuals, becoming their voice and experience. Such awareness programs and campaigns not only draw the attention of support groups but also promote equal opportunities for autistic individuals.

What is Autism Spectrum Disorder (ASD)?

Often searched for as "autism meaning," Autism Spectrum Disorder (ASD) is related to how a person communicates, understands outside information, and interacts with their surroundings.

We use the term 'spectrum' because the disorder doesn't fall on a linear scale. It is different for everyone as people follow a different pattern of thinking, feeling, and experiencing life, depending on their experiences.

Many cases showcase how some individuals may have speaking or interacting issues, but they are exceptionally well in complex areas.

So, basically, it is a neurodevelopmental condition that affects how the brain develops, not a disease.





► Upcoming News (July–Sept 2026) :

1. Vari Initiative
2. Industry Visit
3. Personality Development
4. Coffee & Conversation
5. Pharmacist Day
6. Maza Ganapati,
Eco Ganapati Competition
7. Fresher's Party

