



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

VOLUME 10 | ISSUE 3 | Jan-March 2025





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.

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Editorial

As we turn the page to 2025, we do so with heartfelt gratitude for a year filled with growth, resilience, and meaningful achievements. Over the past year, we've had the privilege to serve and support our community with unwavering dedication, compassion, and care.

In the words of Franklin, "Happiness lies in the joy of achievement and the thrill of creative effort." Our students truly lived this philosophy. Through hard work and determination, they not only met challenges head-on but also found joy in their journey. This spirit was beautifully reflected in Spandan, our cultural event, where students' efforts and accomplishments were celebrated with energy and pride.

Guided by the belief to strive hard, believe in oneself, and have faith, our students demonstrated what it means to persevere and succeed despite the hurdles.

Inside this issue, you'll find highlights from Spandan and many more stories that capture the vibrant spirit and achievements of our community.

Happy reading!

“Always bear in mind that your own resolution to succeed is more important than any other.”

-Abraham Lincoln



1. Faculty Development Programme

Date: 26th Dec-2nd Jan 2025

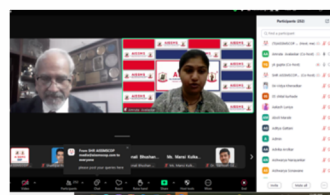
Audience/Attended by: Pharmacy Faculty all over India

Organized by: AISSMS COP in association with APTI

Description

FDP cell of AISSMS College of Pharmacy in association with APTI (Association of Pharmaceutical Teachers of India) Central, organized a five-day International Faculty Development Program titled "Insights into Drug Discovery, Development and Regulation" from 26th December 2024 to 2nd Jan 2025. The objective was to engage the teachers of HEIs to be updated on advancements in the pharmacy field. Eminent speakers from India and abroad joined to deliver expert lectures in the online FDP. The inauguration function began with the address of APTI President Dr Milind Umekar, followed by the address of Dr Sohan Chitlange, Vice President, Zone. Dr Raman Dang, Secretary APTI, was also present at the inauguration function.

SPEAKER	DATE / TIME	LECTURE TOPIC
Dr. D.G. Naik	26 th Dec 2024, 2:00 PM IST	Chromatographic Standardization of Herbals: Challenges and Opportunities
Dr. Y.K. Gupta	27 th Dec 2024, 11:00 AM IST	Pharmacovigilance in the life cycle of a drug: why and how
Dr. Ranjani Nellore	30 th Dec 2024, 11:00 AM IST	Pharmaceutical regulatory affairs professionals in drug development: Specialist with a multidisciplinary focus
Mr. Vijay Mardane	31 st Dec 2024, 1:00 PM IST	Regulatory Technical documents for pharmaceutical development
Ms. Kashmira Prabhu	2 nd Jan 2025, 11:00 AM IST	Transforming patients' lives through innovative healthcare solutions: Industry perspective





2. NSS Special Camp

Date: 04th Jan To 10th Jan 2025

Audience/Attended by: AISSMS COP Students

Organized by: AISSMS College of Pharmacy

Funded by: Savitribai Phule Pune University (SPPU)

Description

National Service Scheme (NSS) camp was organized by AISSMS College of Pharmacy, funded by Savitribai Phule Pune University (SPPU) during the period of 04th Jan to 10th Jan 2025 at Hivare Village, Purander Taluka, District Pune.

Sr. No.	DATE	NAME OF ACTIVITY
01	04/01/2025	Opening Ceremony
02	05/01/2025	Cleanlines drive
03	05/01/2025	Street play on Baal Vivaah Prabodhan
04	06/01/2025	Youth for Digital Literacy Programme
05	07/01/2025	Health Check-Up Programme
06	07/01/2025	Vipashana
07	07/01/2025	Tree Plantation Programme
08	08/01/2025	Rangoli Competition
09	09/01/2025	Drawing Competition for School Children
10	09/01/2025	Women's Skill Development Program
11	09/01/2025	Valedictory ceremony



3. MITRA Upakram MIND IN TRAINING for RIGHT AWARENESS

Date: Tuesday, 7th January 2025

Time: 11:30 AM to 01:00 PM | 02:15 PM to 02:30 PM

Audience / Attended by:

For Std. 5th to 9th

- Total Beneficiaries: 170
- Students: Boys – 80, Girls – 80
- Teachers: 05
- NSS Students: 05

For Std. 4th to 5th

- Total Beneficiaries: 54
- Students: Boys – 30, Girls – 20
- Teachers: 02
- NSS Students: 02

MITRA VOLUNTEER: Mr. Pradeep P. Sonwane

ORGANIZED BY: Guruvarya Narayan Maharaj Madhyamik Vidyalaya, Hivare (Tal. Purandar) and Z.P. School, Hiwaregaon

OCCASION: On the occasion of the NSS Camp conducted by AISSMS College, Pune, at the above-mentioned school

VENUE: Session conducted in the hall of Z.P. Primary School, Hiware

Description

MITRA Upakram is an initiative of the Government of Maharashtra to facilitate wholesome mental growth of school children. MITRA Upakram undertakes to inculcate RightAwareness, aims to address 2.5 crore school children and 1 Lakh school teachers. MITRA, which stands for MIND IN TRAINING for RIGHT AWARENESS, also means FRIEND in the English language.

MITRA Upakram provides a tool that can liberate the Mind from various barriers like anxiety, anger, hatred, lack of concentration, doubts, laziness, greed, restlessness, etc. A simple format of delivery has been chosen with the support of Vipassana Research Institute (VRI), where, after an initial training of 70 minutes, the school children can practice this technique daily for 10 minutes before starting school and repeat the practice for 10 minutes before leaving for home.

Within regular practice for a few days, the school children, as well as their teachers, achieve enhanced concentration, memory, self-confidence, productivity, effectiveness, and are also able to experience compassion and joy for one and all.



4. Industrial Visit

Date: 8th January 2025

Time: 9:00 AM to 5:00 PM

Audience / Attended by: Second Year M.Pharm (Pharmacology) students

Faculty: Mrs. K. D. Asgaonkar and Dr. T. J. Saldanha

Organized by: Veko Care Pvt. Ltd., E-48-49, Ranjangaon MIDC, Pune

Description

Students and staff members underwent training on the functioning of Manufacturing, R&D, Production, and Quality Control. The team was addressed by Mr. Gurunath Kulkarni, Sr. Manager, QA and QC, and other team members. In-depth information about the exact protocols followed for the manufacturing of solid and liquid dosage forms was provided. This was followed by training at analytical and microbial quality control laboratories. Students were asked about basic concepts and were guided to develop their basics and employability skills.



5. Donation of chess clocks to the All Marathi Chess Association for the visually challenged

Date: Wednesday, 8th January 2025

Time: 11:30 AM to 12:30 PM

Venue: S. P. College, Pune

Audience / Attended by: APGA President Yash Shimpi and Vice President Nikita Deodhar

Organized by: APGA

Description

On the occasion of Louis Braille's birth anniversary, a significant contribution was made to empower visually challenged chess enthusiasts. Chess clocks were donated to the All-Marathi Chess Association for the Blind and Visually Challenged to support their efforts in promoting the game among students with visual impairments. The handover ceremony took place on January 8th during a chess competition organized at SP College. The clocks were handed over to Mr. Pankaj Bendre Sir by APGA President Mr. Yash Shimpi and Vice President Ms. Nikita Deodhar on behalf of APGA.

The initiative aims to encourage inclusivity and provide equal opportunities for visually challenged players to enhance their skills and participate competitively in the game of chess.



6. Coffee and Conversation with our alumnus Mr. Saurav Kulkarni

Date: Wednesday, 8th January 2025

Time: 03:00 PM to 04:00 PM

Audience / Attended by: Second Year and Third Year B.Pharmacy Students

No. of Staff Attended: 09

No. of Students Attended: 86

Coordinators' Names:

- **Mrs. Amruta Avalaskar** (APGA Advisor)
- **Dr. Reshma Mirajkar** (APGA Member)
- **Mr. Om Nagras** (APGA Member)
- **Mrs. Janhavi Deokute** (APGA Member)

Description

The event began with a warm welcome of our guest, Mr. Saurav Kulkarni, who shared insightful experiences about studying abroad, from his journey in India to overseas education. He was first felicitated with a gift and a bouquet by Dr. Monica Rao, followed by an APGA cap presented by Dr. Rahul Padalkar. He discussed the realities of living and studying abroad, explaining how he managed his expenses and the key exams one must take for studying overseas.

During the event, a fun rapid-fire round was also conducted, adding an interactive element to the session. The session concluded with a token of appreciation from Dr. Santosh Gandhi and Mrs. Shivani Rao. Throughout the event, he reminisced about his college days, answered various questions, and shared valuable knowledge about the overseas education experience. The session was both fun and informative for all attendees.



7. Hands-on workshop on in vivo studies in an ethical manner.

Date: Wednesday, 8th January 2025

No. of Staff Attended: 03

No. of Students Attended: 16

Coordinators' Names:

- Dr. Mangesh Bhalekar
- Dr. Sachin Tembhurne
- Mr. D. S. Tekawade

Description

As a part of the effort to improve student skills and help them perform the in vivo studies in an ethical manner, a hands-on workshop was arranged by Dr. M. R. Bhalekar and Dr. S. V. Tembhurne for students of M. Pharm Pharmaceuticals/Quality Assurance who have filled Form B for conducting in vivo studies as per CPCSEA.

Outcome/Usefulness: Students learnt correct handling techniques of rats and mice, and also the techniques to administer the drugs by various routes of administration. The technique to withdraw blood samples was also studied.





8. Seminar on "Introduction to Carbopol Polymer and their role in Drug Delivery"

Date: Friday, 10th January 2025

Time: 11:00 AM to 1:00 PM

No. of Staff Attended: 02

No. of Students Attended: 32

Coordinators' Names:

- Dr. M. R. Bhalekar
- Dr. R. N. Mirajkar
- Mrs. K. D. Asgaonkar

Description

Industry Institute Partnership Cell organized a webinar for staff and students on "Introduction to Carbopol Polymer and their role in Drug Delivery".





9. Fresher's Party for F.Y. B. Pharm. and Direct S.Y. B.Pharm.

Date: Monday, 13th January 2025

Time: 11:00 AM to 1:00 PM

Organized For: F.Y. B.Pharm., Direct S.Y. B.Pharm., and S.Y. B.Pharm. students

No. of Students Attended:

F.Y.B.Pharm.–100 out of 115

Direct S.Y. B.Pharm. – 06 out of 25

S.Y.B.Pharm. – 50 out of 120

Coordinators' Names:

- Mrs. Megha Shah
- Mrs. Sonali Anardi

Class Representatives:

- Tanisha Kasbe
- Yash Choudhary
- Aarya Sapatnekar
- Asif Shaikh

Theme: Ball Theme

Description

Various games and rounds were kept for the selection of Freshers. The programme was started with a welcome speech, which was given by Ms. Pravara Dangekar and Mr. Jayraj Bedwal. Compeering for the games was done by Ms. Mansi Modak and Mr. Trishesh Bhangdiya.

The awards were given by APGA Advisor Mrs. Amruta Avalaskar, Dr. Reshma Mirajkar, Ms. Janvhi Devkute, Mr. Om Nagras, and Student President Ms. Yash Shimpi.

Working Committee Members: Ms. Pooja Choudhary, Mr. Nishank Singha Choudhary, Ms. Siddhi Joshi, Ms. Anvi Netragaonkar, Ms. Mansi Modak, Mr. Yash Choudhary, Ms. Ruchi Nagare, Ms. Priyanka Ghadge, Ms. Dhvani Chotalia, Mr. Jayraj Bedwal

The program was ended by the Vote of Thanks given by Ms. Anusha Thombare and Ms. Dhvani Chotalia.



Title Holders:

Miss Fresher – Mahi Verma

Mr. Fresher – Aditya Deshmukh

Miss Enthusiast – Suneinshi Jiwane

Mr. Enthusiast – Prathamesh Pawar

Miss Stylish – Diya Pagaria

Mr. Stylish – Nilesh Gore

Miss Confident – Shruthi

Mr. Confident – Gurubaksh Wadekar



10. Seminar and Workshop on Social Behavior and Youth Empowerment

Date: Monday, 20th January 2025

Time: 11:00 AM to 1:00 PM

Organized For: Second Year B.Pharm. students

Organized For: Gender Champion Committee, AISSMS College of Pharmacy

Expert Trainer: Mr. Sunil Kadam, Aditya Fight Karate Club

Description

The Gender Champion Committee of AISSMS College of Pharmacy organized the Social Behavior and Youth Empowerment session for Second Year B.Pharm. students, focusing on empowering students through self-defence training. The event featured Mr. Sunil Kadam from the Aditya Fight Karate Club, who led the session on practical self-defence techniques.

Students learned how to manage stress and respond calmly in dangerous situations, aligning with concepts from Social Learning Theory and Theory of Planned Behavior discussed in the expert lecture. The session emphasized empowerment through confidence-building, giving students tools to protect themselves and make informed choices, as highlighted in the lecture.

The event provided not only defensive skills but also boosted self-esteem and social awareness, empowering students to handle challenging situations confidently. This activity aligned with the expert lecture on social behavior and youth empowerment, promoting both personal safety and social confidence.



Self-Defense Training under Nirbhaya Kanya Yojana

Date: Friday, 24th January 2025

Time: 3:00 PM to 5:00 PM

Venue: Ground Floor, AISSMS College of Pharmacy

Organized For: Student Development Committee, AISSMS College of Pharmacy, Pune

Organized for: First-year M. Pharm students (with a focus on female students)

Expert Trainer: Mr. Sunil Kadam, Aditya Fight Karate Club

Description

A focused self-defense session was conducted for first-year M. Pharm students, especially female students, under the Nirbhaya Kanya Yojana. The training empowered participants with essential defense techniques, boosting confidence and awareness.



GPS Map Camera

Pune, Maharashtra, India

Gvj8+7qr, Rb Motilal Kennedy Rd, Near Rto Pune, Railway
Officers Colony, Sangamvadi, Pune, Maharashtra 411001, India
Lat 18.530991° Long 73.866771°



11. RANANGAN

Date: 7th February to 12th February & 15th February 2025

Time: 8:00 AM to 6:00 PM

Organized by: AISSMS College of Pharmacy

Organized For: B.Pharm. and M.Pharm. students

Sports Committee: Mr. Om G. Nagras, Ms. Nishigandha S. Yadav, and Mr. Ravindra S. Manohar

Sports Secretaries: Jaitirth Tambe and Tanaya Kawade

Description

Ranangan is the most awaited event of AISSMS College of Pharmacy. Students participate in various sports with enthusiasm and passion. It includes both indoor as well as outdoor events. The indoor events were held on the 7th and 8th in the auditorium. Indoor events included carrom, chess, table tennis, and arm wrestling.

Art cannot be separated from sports. Some events, like rangoli and mehndi, were held to bring up the artistic talent of students. Indoor group events like table tennis, badminton, flower arrangement, collage, etc., were also held in the college premises.

Third Year got the lead in indoor events by winning in all formats of carrom and chess (boys), whereas chess (girls) was conquered by Second Year. Badminton was conducted on 15th February at the COE, Pune Badminton Court. All the formats of badminton matches were conducted, and students participated with great enthusiasm. The third-year team won the badminton mixed doubles. The college competition was won by M.Pharm. for their unity and major participation.

To show the sportsmanship spirit on the field, outdoor events were commenced from 7th February to 12th February 2025. A list of energetic events was conducted, such as cricket, basketball, football, throwball, tug of war, kabaddi, athletics, etc.

Cricket is the most liked game in Ranangan. The trophy of cricket was won by the Second Year B.Pharm. (boys). The most interesting nail-biting match of volleyball was won by Final Year B.Pharm. (boys) and Second Year B.Pharm. (girls). Basketball is a full-court game. In basketball, the enthusiasm of students increased. Final Year B.Pharm. won in basketball.



Definitely, girls have equally participated in all the sports. Throwball is a game played by girls. The Third Year won throwball by defeating all other classes. Kabaddi is a traditional contact sport that originated in India. Second Year B.Pharm. won in both categories.

Tug of war and football were two other events organized. The strong and muscular team of First Year won the tug of war in the men's category. Third Year won the football match in the last seconds of the match — "a complete thriller," it was. The unity and supportive attitude of the students was judged for the class event called collage making.

All the events were organized by Final Year sports secretaries and coordinators under the guidance and supervision of the sports teacher in-charge, Mr. Om Nagras and Mrs. N. S. Yadav.

Third Year B.Pharm. came out as a runner-up for Ranangan. Every class performed well, but there can be only one winner. The winner for Ranangan 2024-25 was Second Year B.Pharm.



Pune, Maharashtra, India
Raja Bahadur Motilal Road, Sangamwadi,
Pune, Maharashtra 411006, India
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Taken with the GPS Map Camera



12. ALUMNI MEET 2025

Date: Thursday, 20th February 2025

Time: 5:00 PM to 9:30 PM

Organized by: Alumni of AISSMS College of Pharmacy

Number of Participants: 76

Number of Alumni: 37

Coordinators' Names:

- | | |
|--|---|
| ● Mrs. Amruta Avalaskar
(APGA Advisor) | ● Dr. Reshma Mirajkar
(APGA Member) |
| ● Mrs. Janhavi Deokute
(APGA Member) | ● Mr. Om Nagras
(APGA Member) |

Description

The Alumni Meet organised by the APGA Committee was held on February 20th, 2025, with great enthusiasm, bringing together former students and faculty members. The event commenced with the traditional lighting of the lamp by our esteemed Principal, Dr. Ashwini R. Madgulkar, and APGA coordinators, symbolizing knowledge and wisdom.

This was followed by an inspiring speech by Mr. Yash Shimpi, President of APGA, who shared his insights and experiences, motivating students to strive for excellence. Mrs. Amruta Avalaskar, the APGA Advisor, then gave a heartfelt speech.

A key highlight of the event was the scholarship distribution, recognizing and encouraging deserving students for their academic achievements. This year, students who were awarded scholarships were Ms. Anjali Shukla (T.Y. B.Pharm) and Ms. Vidhi Dagade (Final Year M.Pharm).

Additionally, certificates were distributed to all APGA committee members in appreciation of their contributions to the successful organization of the event. The formal proceedings concluded with a vote of thanks by the APGA Vice President, expressing gratitude to the alumni, faculty, and organizers.

During the dinner, students had the opportunity to engage with alumni and teachers, gaining valuable insights into their career paths and experiences. The meet was a great success, fostering strong connections between past and present students while inspiring the next generation to achieve their goals.



Highlights of the Event:

- Lighting of the Lamp
- Speech by APGA President Mr. Yash Shimpi
- Scholarship distribution
- Certificate distribution to APGA committee members
- Vote of Thanks by APGA Vice President Ms. Nikita Deodhar
- Alumni interaction with students

Outcomes: The event was a success and proved to be beneficial for the students by fostering mentorships and providing them with confidence in their future careers.



13. YOUTH DAY 2025

Date: Tuesday, 25th February 2025

Time: 10:30 AM to 4:00 PM

Organized by: Extension Cell

Attended by: All the students and faculty

Description of Activity: Cloth Re/Upcycling activity in association with Harshdeep NGO, Pune

Outcome :

- Women Empowerment
- Social Outreach
- Gender Sensitization



14. AISSMS KRIDASHAKTI DIVA EVENT 2025

Organized by: All India Shri Shivaji Memorial Society

Organized for: All the women who attend AISSMS schools and colleges

Description

The All India Shri Shivaji Memorial Society hosted the AISSMS KRIDASHAKTI DIVA EVENT 2025 for all the women who attend AISSMS schools and colleges. Every year, the society hosts this DIVA celebration for female employees in honour of International Women's Day on March 8.

Celebrated on March 8th each year, International Women's Day honours and recognises the accomplishments made by women in a variety of disciplines while promoting gender equality and women's rights.

This year, AISSMS arranged athletic activities for female staff, including chess, basketball, volleyball, football, and relay races on 3rd and 4th March. In the Kridashakti sports event of 2025, AISSMS College of Pharmacy finished as the overall runner-up. Three female employees from the Pharmacy College were portrayed: Ms. Pooja Lanke, Ms. Ankita Ingale, and Ms. Mitali Gandhi. Their zeal and good sportsmanship earned them second place in the competition.

The Principal, Dr. Ashwini R. Madgulkar, congratulated and appreciated their work.



15. WOMEN'S DAY 2025

Day and Date: Monday, 11th March 2025

Time: 11:30 AM to 4:30 PM

Organized by: Extension Cell

Attended by: All the students and faculty

Description

Seva Fair stall for the sale of products made by underprivileged women through Seva Sahayog NGO, Pune

Outcome :

- Women Empowerment
- Social Outreach
- Gender Sensitization





16. SKILL DEVELOPMENT PROGRAM – Hands-on Session on Column Chromatography

Date: Thursday, 13th March 2025

Time: 11:00 AM to 4:00 PM

Organized For: M.Pharm. students – Pharmaceutical Chemistry, Quality Assurance

Number of Staff Attended: 08

Number of Students Attended: 30

Coordinators' Names:

- Dr. T. S. Chitre
- Mrs. K. D. Asgaonkar

Guest Speaker: Dr. D. R. Garud, Professor, Dept. of Chemistry, Sir Parshurambhau College, Pune

Description

Dr. D. R. Garud initially gave a presentation on Thin Layer Chromatography (TLC) and Column Chromatography. This was followed by a hands-on session on TLC and separation of a mixture of compounds using Column Chromatography. All the students and faculty members could get deep insights into Column Chromatography as a separation/purification technique which would help them in their dissertation work.



17. AIDS DAY 2025

Date: Tuesday, 28th March 2025

Time: 2:30 PM to 4:00 PM

Organized by: Extension Cell

Attended by: Extension Cell members, Dr. M. M. Banivdekar, and Mrs. Manasi Kulkarni

Description

Visit to Manavya NGO and donation of amount for use of AIDS-affected children, NGO, Pune

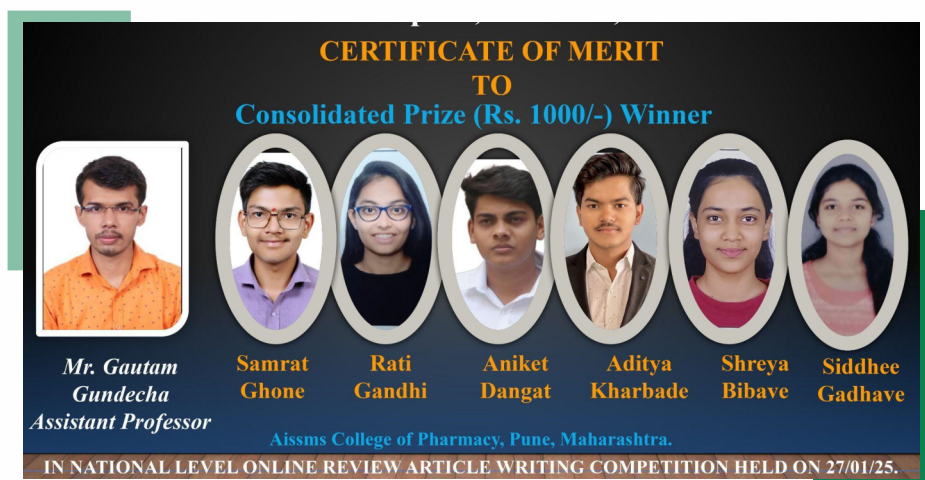
Outcome :

- Disease Awareness
- Social Outreach



Students' Achievements & Participations (Jan-Mar 2025)

1). TY B.Pharm students Samrat Ghone, Rati Gandhi, Aniket Dangat, Aditya Kharbade, Shreya Bibave, and Siddhee Gadhave participated in a National Level Online Review Article Writing Competition organized by Academic Decipher, Mumbai, and won a Consolidated Prize of ₹1000.



2) M.Pharm (QA) students Dipti Bhorade and Shruti Gaikwad presented their research at a National Conference organized by TMV's Lokmanya Tilak Institute of Pharmaceutical Sciences, Pune. Rohan Chavan (TY B.Pharm) also delivered an online oral presentation at the same event.

“Talent is cheaper than table salt. What separates the talented individual from the successful one is a lot of hard work.”

-Stephen King



3) M.Pharm (QA) students Dipti Bhorade, Rutuja Bacche, Shruti Gaikwad, Sunita Sanap, Pratiksha Lohakare, Kajal Gaikwad, and Pratiksha Baravkar attended an International Conference organized by Dattakala Institute, Bhigwan. Dipti won 3rd Prize (Poster Presentation) and Rutuja won 3rd Prize (Oral Presentation). Their guides Dr. Mrinalini Damle and Dr. S. V. Gandhi were appreciated by Principal Dr. Ashwini Madgulkar.



4) TY B.Pharm students Granthali Deshmukh and Sneha Jagtap presented their research at the National UG Research Conference METRxplare, organized by MET Institute of Pharmacy, Nashik.





5) A team of TY students Suhani Kand, Rohan Chavan, Altaf Ansari and Mohan Chate presented their research at the National UG Research Conference METRxplore, organized by MET Institute of Pharmacy, Nashik.



6) Maryam Mulla (M.Pharm – Pharmaceuticals) secured 1st Prize in Research Poster Presentation at the Indo-US International Conference held at Modern College of Pharmacy, Nigdi.





7) Tanvi Rawool and Rakesh Arkal (M.Pharm II – Pharmacology), mentored by Dr. Sachin Tembhurne, won 1st Prize, Certificate of Excellence, and ₹1 Lakh at the 4th CiiA Innovation Exhibition, Nehru Science Centre, Mumbai.



8) Dnyaneshwar Bembde and Akash Mahadik (M.Pharm II – Pharmacology), also under the guidance of Dr. Tembhurne, won 2nd Runner-up, Certificate of Excellence, and a reward of ₹25,000 in the same exhibition under the Pharma/Bio/Chemical Technology category.





9) Aryan Bibwe, Nilesh Gore, and Rushikesh Kshirsagar participated and secured a Gold Medal in Volleyball at INVICTA 2025, defeating D.Y. Patil, Akurdi. The match was held at Poona College of Pharmacy.



10) Gurubaksh Wadekar and Hitesh Parmar won a Silver Medal in Football at INVICTA 2025, in a match against MIT-WPU, held at Play-On Turf.





Vaishnavi Patil secured a District Gold Medal in Karate at RKL International School, Dighi, and qualified for the state-level competition.

Shambhavi Mahaddalkar, Prerana Patil, Prachi Londhe, and Tejaswini Koshti secured the Second Prize at the 10th METRxplore National Level UG Research Conference, organized MET's Institute of Pharmacy.



S.Y. B.Pharm. students also won a silver Medal in Football at INVICTA 2025.





Staff Achievements (Jan-Mar 2025)

1) Dr. Mrinalini Damle, Professor, received the First Prize at the Dr. P.D. Sethi National HPTLC Awards 2023 for her research paper titled "Bioanalytical methods for estimation of gliclazide in human plasma", published in the International Journal of Biology, Pharmacy and Allied Sciences (Web of Science indexed). The award, instituted by ANCHROM, included a memento, cash prize, and certificate. She acknowledged the support of her student Meghana Pansare, Principal Dr. Ashwini Madgulkar, and the AISSMS management.



2) Mrs. Prinkle Kudale, faculty and Ph.D. scholar, secured the Second Prize at the International Conference on AI Frontiers in Health Sciences, organized by Metro College of Health Sciences and Research in collaboration with P.R.S. Educational Trust.



College Achievement (Jan-Mar 2025)

Honoured with the Best Active College Award at MAHA APTICON 2025 in recognition of our consistent participation and valuable contribution to the pharmacy academic community.



“

A college education should equip one to entertain three things: a friend, an idea and oneself.

-Thomas Ehrlich

”



Did You Know:

Nanomedicine: Revolutionizing Diagnosis, Delivery, and Care

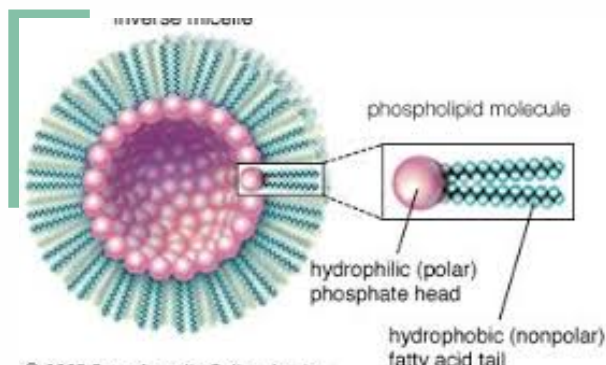
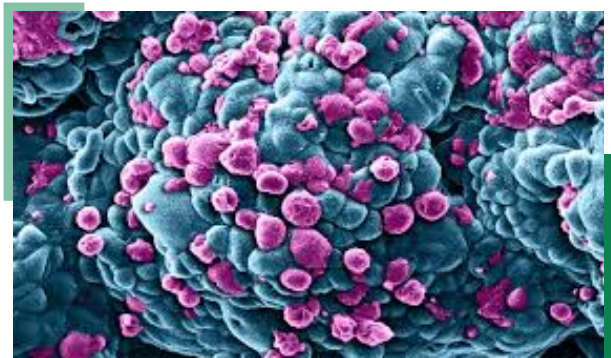
Nanomedicine is a cutting-edge branch of medicine that harnesses nanotechnology, the science of manipulating materials at the atomic and molecular scale (1–100 nanometres), to revolutionize healthcare. It aims to prevent and treat diseases, as well as to improve imaging, diagnosis, monitoring, repair, and regeneration of biological systems.

Since emerging in the 1990s, nanomedicine has advanced rapidly. Key areas of research include the development of biosensors for diagnostics and nanoscale delivery systems for vaccines, drugs, and gene therapies. One notable innovation is the use of nanocapsules in cancer treatment. A landmark achievement came in 2020, when nanotechnology played a crucial role in the rapid development of mRNA-based COVID-19 vaccines, using lipid nanoparticles to deliver genetic material.

As an offshoot of nanotechnology, nanomedicine has gained significant academic and commercial interest, attracting investment from both public and private sectors. The United States, United Kingdom, Germany, and Japan lead in funding and innovation, alongside strong research outputs from China, France, India, Brazil, and Russia.

Working at the molecular scale, nanomedicine holds the promise of integrating biology with technology to achieve personalized medicine, targeted drug delivery, regenerative therapies, and even nanomachines capable of replacing parts of cells. While some of these ambitions remain theoretical, others are already reshaping medical practice and redefining our understanding of health, disease, and biology.

Driven by technological advances, the global nanomedicine market was valued at \$78 billion in 2012 and is projected to reach nearly \$200 billion by the end of the 2020s, reflecting its growing impact on contemporary healthcare.





Scope of Pharmacy:

Scope of Academics and Research After B. Pharmacy

A career in academics and research offers stable and rewarding opportunities in teaching, drug discovery, clinical trials, and pharmacovigilance. Here's a simplified overview:

1. Teaching and Academia

- **Lecturer/Assistant Professor:** After M. Pharmacy or Pharm.D, you can teach subjects like Pharmacology, Pharmaceutics, and Pharmaceutical Chemistry.
- **Professor/Associate Professor:** After a Ph.D., you can lead research projects and mentor postgraduate students.
- **Principal/Director:** Manage academic and administrative activities in colleges or research institutes.

2. Pharmaceutical Research

- **Research Scientist:** Develop new drugs, drug delivery systems, and study pharmacokinetics/pharmacodynamics.
- **Clinical Research Associate (CRA):** Manage clinical trials and ensure regulatory compliance.
- **Pharmacovigilance Scientist:** Monitor drug safety and adverse reactions.
- **Biotechnology and Molecular Research:** Work on gene therapy, biologics, and drug targeting.
- **Pharmacogenomics:** Develop personalized medicines based on genetic profiles.

3. Industrial Research

- **Formulation and Development (F&D):** Develop new drug forms (tablets, injections, patches).
- **Analytical Research and Development (AR&D):** Test drug purity, stability, and potency.
- **New Drug Delivery Systems (NDDS):** Create innovative delivery methods (nanoparticles, liposomes).



4. Government and International Research

- Work in top institutes like CSIR, ICMR, and NIPER or global bodies like WHO and FDA.

5. Scientific Writing and Publishing

- **Medical/Scientific Writer:** Prepare research papers, clinical reports, and patents.
- **Journal Editor:** Manage peer reviews and publications.

6. Higher Studies

- **M. Pharmacy:** Specialize in Pharmacology, Pharmaceutics, or Pharmaceutical Chemistry.
- **Pharm.D:** Focus on clinical pharmacy and patient care.
- **Ph.D.:** Advances in drug discovery and research.

7. Entrepreneurship

- **Contract Research Organization (CRO):** Conduct drug testing and trials.
- **Pharmacy Coaching Institute:** Train students for pharmacy entrance exams and GPAT.

Summary:

A career in academics and research after B. Pharmacy offers opportunities in teaching, drug development, clinical trials, and drug safety. Higher studies (M. Pharmacy, Pharm.D, Ph.D.) enhance your prospects in both academia and industry.

“Medicine heals doubts as well as diseases.”
-Karl Marx



Scientific Content: Jubilant Pharmova Limited

Company Overview

- Full Name: Jubilant Pharmova Limited
- Headquarters: Noida, Uttar Pradesh, India.
- Founded in 1978.
- Business segments include pharmaceuticals (generics and specialty pharma), contract research and development services (CRDMO), radiopharmaceuticals, and active pharmaceutical ingredients (APIs).
- Global presence with operations in 50+ countries, including the US, Canada, Europe, and India.



Financial Performance in 2024

- Revenue: ₹6,000+ crore • Net profit: ₹600+ crore.
- Market capitalization: ₹10,000+ crores.
- The stock is listed on the BSE and NSE under the ticker JUBLPHARMA.

Focus Areas for R&D

Neurodegenerative Diseases:

- Creating small-molecule inhibitors that target the aggregation of proteins in Huntington's, Parkinson's, and Alzheimer's illnesses.
- Working together on amyloid PET imaging radiopharmaceuticals.

Radiopharma for Amyloidosis:

- Radiotracers for the detection of systemic amyloidosis.
- Investigating drugs that target tau and A β for the diagnosis of Alzheimer's.

APIs & Biologics:

- Producing CNS-targeting APIs for medications related to amyloid.
- Working with biotech companies on NCEs and biosimilars.



Partnerships & Drug Releases

SOFIE Biosciences (US):

- Cooperative creation of radiotracers for PET imaging of amyloid.
- Focus on systemic amyloidosis and Alzheimer's disease detection.

US Biotech Collaboration:

- Preclinical research on inhibitors of tau protein aggregation.
- Seeking treatments for tauopathies that alter the condition.

API Manufacturing:

- Providing global biotech companies with APIs for medications that target amyloid.

Sources:

<https://www.jubilantpharmova.com/>

Websites and Contact Details:

<https://www.jubilantpharmova.com/>

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“Medicine is a science of uncertainty and
an art of probability.

-William Osler”

Theme: WORLD CANCER DAY (4TH FEBRUARY)

World Cancer Day is an international day marked on 4th February to raise awareness of cancer and to encourage its prevention, detection, and treatment. World Cancer Day is led by the Union for International Cancer Control (UICC) to support the goals of the World Cancer Declaration, written in 2008. The primary goal of World Cancer Day is to significantly reduce illness and death caused by cancer, and it is an opportunity to rally the international community to end the injustice of preventable suffering from cancer. The day is observed by the United Nations.

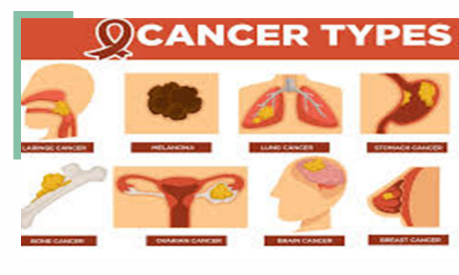
THIS YEAR'S THEME:

The theme for the years 2025-2027 is 'United by Unique, which "places people at the centre of care and their stories at the heart of the conversation."

RESULT:

World Cancer Day is marked by the international cancer community, governments, and individuals around the world. Each year, nearly 1,000 activities take place in over 100 countries, World Cancer Day generates over 25,000 press mentions in more than 150 countries, half a million social media mentions, and trends each year on social media on 4 February.

In recent years, cities have begun to support the day by lighting up important landmarks in orange and blue – nearly 140 landmarks in 80 countries in 2024. At least 60 governments officially observe World Cancer Day.





Top Row (Left to Right):

- Dhwani Chotalia (S.Y. B.Pharm)
- Neha Wable (Final Year B.Pharm)
- Prachi Divate (Final Year B.Pharm)
- Shruthi (F.Y. B.Pharm)
- Mansi Thakkar (F.Y. B.Pharm)
- Anusha Thombare (S.Y. B.Pharm)
- Ketan Bhogale (T.Y. B.Pharm)
- Chetan Gaikwad (T.Y. B.Pharm)

Bottom Row (Left to Right):

- Mrs. Shivani Rao
- Dr. Ashwini R. Madgulkar
- Ms. Niharika Patil



“

An investment in knowledge always pays
the best interest.

-Benjamin Franklin

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