



AISSMS

COLLEGE OF PHARMACY

IMPARTING EXCELLENCE IN EDUCATION & RESEARCH

Approved By 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 News & Events

VOLUME 11 | ISSUE 1 | July-Sept 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.

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.

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.

Content

- Vision & Mission
- Editorial
- News & Events
- Upcoming News

- Students Achievements
- Staff Achievements
- College Achievements
- Did You Know

- Scope Of Pharmacy
- Scientific Content
- Theme



Editorial:

Welcome to the PharmaVoice July-September 2025 edition.

As another bright quarter begins, we go forward with new enthusiasm and a better understanding. Each semester brings new challenges, but they also provide us numerous opportunities to learn, grow, and rediscover why we chose this noble profession.

Pharmacy continues to teach us that science is not just about precision; it's about compassion. Behind every experiment, every formulation, and every prescription lies a single purpose: that's to heal, to help, and to make life better.

In this edition, we honor the milestones that reflect our journey. We recognize the academic achievements, creative sparks, teamwork, and persistence that characterize our community. Every achievement, big or small, contributes to the spirit that transforms our college into a family of dreamers and doers rather than just an institution.

Let this issue serve as a reminder that growth is about perseverance, not perfection. One inspired step at a time, keep asking questions, keep exploring, and keep moving ahead.



Success is not the absence of obstacles,
but the courage to push through them.
In pharmacy, every prescription
filled is a step toward healing.

Alexander Flemming





1.NSS Activity Bhakti Yog Activity

Date: 21/06/2025

Time: 7.00am to 10.30am

Audience/Attended By: Warkaris and NSS Students and staff

Organized By: AISSMS College of pharmacy (NSS committee)

Anchors: Mr.Jitendra W Gajbe,Mr.Gautam Gundecha,Mrs.Shubhangi Deshpande

Description:

NSS Unit of AISSMS College of Pharmacy took a significant step towards creating awareness towards yoga by organizing a Bhakti Yoga activity for Warkaris. The event was organized for the Warkaris of several Dindis as they travel towards Pandharpur. A special Vipassana program was conducted for the devotees by Mr. Pradeep Sonwane, as he led them on a series of yoga and breathing exercises along with The NSS volunteers and several staff members took part in distribution of food articles along with caps and uparnas to devotees.





2.Lecture on Process Chromatography

Date: 9/7/2025

Time: 10:30am to 11:30am

Audience/attended By: M.Pharm students and staff

Organized By: Industry Institute Partnership cell AISSMSCOP

Speaker(s)/Resource Person(s) (Name/Affiliation): Dr. Smita Kale, Director, Sanovaskale Technologies Pvt Ltd

Coordinator Names: Dr. M. R Bhalekar, Dr. R.N. Mirajkar, Mrs. K.D Asgaonkar

Total number of Registered Students: 52

Detailed Description of Activity Attended:

Industry Institute Partnership Cell and Institute Innovation Council jointly organized lectures for staff and students on process chromatography. Totally 55 participants including staff from our college and other pharmacy colleges and students attended the webinar. The lecture aroused interest and understanding about process chromatography which is a powerful tool for analyzing and purifying substances, especially in industries like pharmaceuticals, food production and environmental monitoring. This lecture gave opportunity to students to learn beyond the syllabus and is a useful skill for their employability.





3.Celebration of GURU PURNIMA

Date: 10/07/2025

Time: 9.00am to 1.00pm

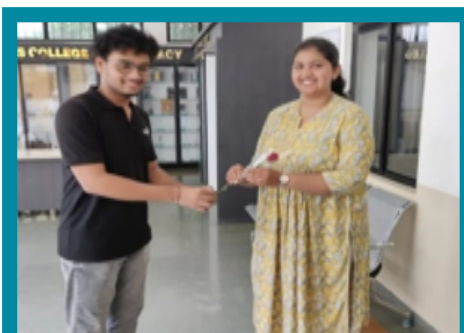
Audience/Attended By: NSS Volunteers and Faculty members

Organized By: NSS AISSMS College of Pharmacy Pune

Anchors: NSS Staff

Description:

National Service Scheme (NSS) AISSMS College of Pharmacy, celebrated "Guru Purnima" on 10th July 2025." Guru Purnima" as the name suggests, is the day dedicated to our teachers and gurus. The day was celebrated by expressing gratitude and love for all teachers. The origin of guru comes from Sanskrit and it means the removal of darkness from our lives by teaching us the right thing and providing the right path. The team of the NSS Unit went to each department and graced the occasion with roses as a token of appreciation for their guidance and support and wishes to all teachers for a healthy life.





4. One Day with Farmer Activity

Date: 11/07/2025

Time: 8:00 am to 5.00 pm

Audience/Attended By: 44 NSS Volunteers and Faculty members

Organized By: NSS AISSMS College of Pharmacy

Anchors: NSS Staff

Description:

The NSS Unit of AISSMS College of pharmacy spent one day with farmers for farming activity. NSS unit contributed rice plantation process with farmers, 70 saplings of plantation done with farmer. As a part of collective effort, the volunteers were advised by the local farmers. It was a real-life experience for the volunteers to interact with the local farmers and to practice traditional farming methods. Students were informed with a different variety of plantain and their special features. They were eager to know more from the farmers about the change in climatic condition, periodical irrigation, insects and pests that may cause harm to the plantain. Volunteers were divided in different groups and they assigned the duty of caring for the saplings by proper watering, weeding and removing insects and pests. The students and teachers of the college appreciated the volunteers for such an initiative. The entire program was organised under guidance of Dr. Ashwini R Madgulkar.





5.Students' training on HPLC handling

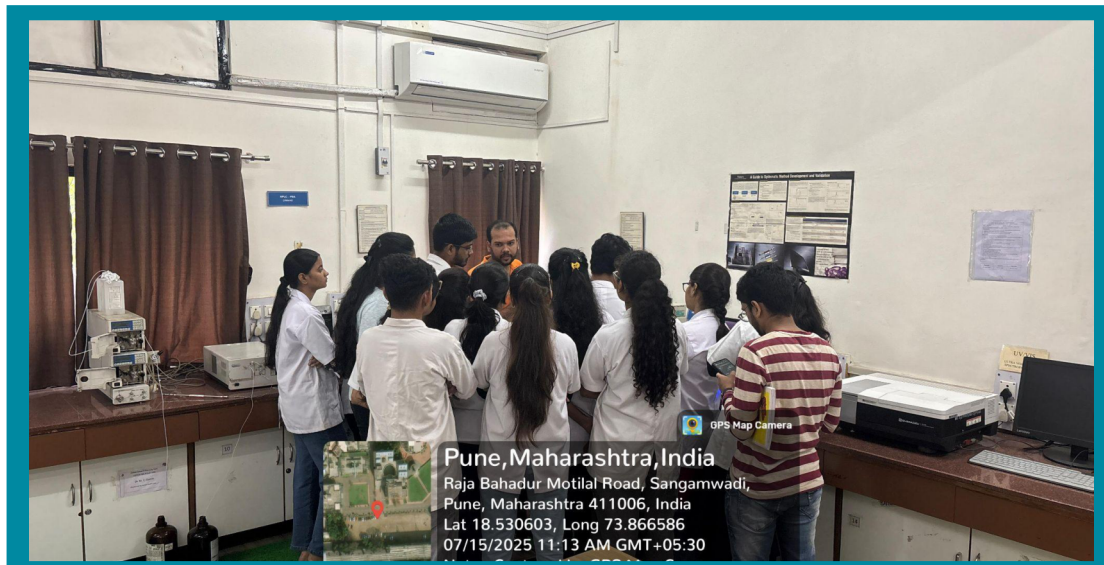
Date: 15/07/2025

Time: 11 am to 1 pm

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

Description:

The students were given a formal training on the correct technique of HPLC operation by Mr. Anupam Giri, Expert from Anatek Services, Mumbai.



The only limit to your impact as a pharmacist is the limit you set for yourself. – Hubert Humphrey



6.QA Alumni interaction-Career Guidance

Date: 16 /07/ 2025

Time: 3 to 4 pm

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

Organized By: Department of Pharmaceutical Quality Assurance

Description:

The alumni of QA department Ms. Sayali Sheth and Ms. Kajal Kabra from a batch of 2020, had informal interaction with current students of QA department. Both of them guided the students on various career options and how to prepare for those. They emphasized the importance of good documentation practices.

Both Sayali and Kajal were felicitated by Mrs. Amruta Avalaskar, Advisor, APGA.



The current QA Students benefitted from the interaction.





7. Peer learning through Presentations

Date: 25/7/ 2025

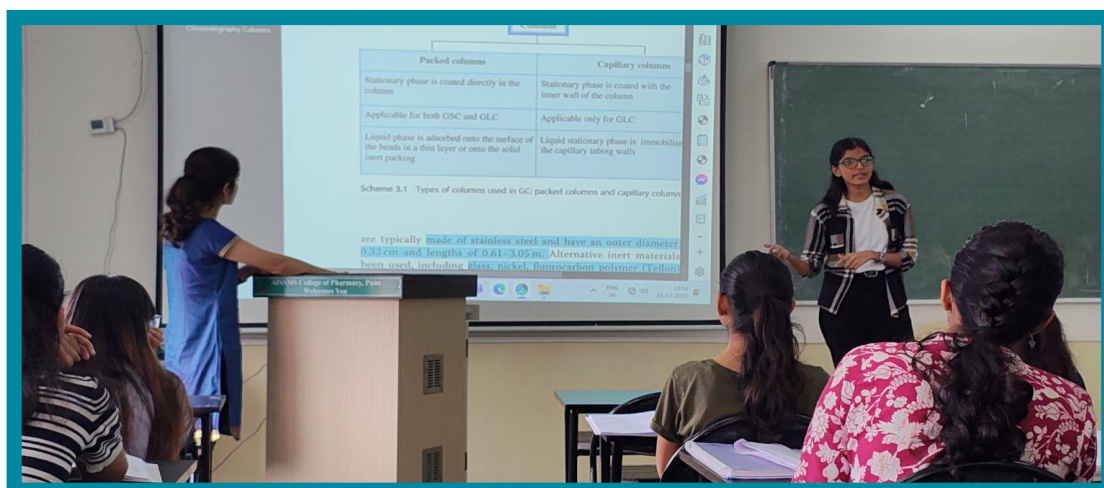
Time: 9.30 to 10.30 am

Audience/Attended by: Final year B.Pharm. (Div.A) students

Organized by: Dr. Mrinalini Damle

Description:

Students participated in powerpoint presentations on various aspects of Gas Chromatography for the subject "Instrumental Methods of Analysis". This activity was aimed at encouraging the students to access various resources to collect authentic data and present it in summarised form to class.



Ms. Manasi Kale and Riddhi Dube presenting GC columns



Mr. Rohan and Mr. Aniket presenting injectors in Gas Chromatography



8. Industry visit in collaboration with Sanovaskale Technologies Pvt Ltd

Date: 31/07/20225

Time: 12:00 noon to 5:00pm

Audience/Attended By: Final year B.Pharm. (Div.A) students

Organized By: Dr. Mrinalini Damle

Description of Activity:

Industry visit was arranged for F.Y. M.Pharm (Pharm. Chemistry and QA) at Sanovaskale technologies along with four of the faculty members – Dr. M.C Damle, Dr. S.V. Gandhi, Dr. T.S. Chitre and Mrs. K.D Asgaonkar on 31st July 2025. They were shown different equipments like HPLC, HPTLC and unit operations such as process chromatography, filtration, centrifugation, liquid liquid extraction. Industry visit helped the students to explore various career paths within the pharmaceutical industry such as production, regulatory affairs, quality assurance, marketing, and research. Students gained first hand insight into how pharmaceutical industries operate. They provide educators with updated knowledge and practical exposure that enhances pedagogical approaches with academic-industry alignment. These activities inculcate competence and conscience in budding pharmacists





9. Lecture on Current Updates -Medical Device Rules and standards

Date: 14/08/2025

Time: 11:30am - 1:30pm

Organized for (student class/staff): B.Pharm students

No of Participants: Student: 74 | Staff: 03

Details of Activity:

Speaker : Dr. Girish Joshi, General Manager, Medline India

Coordinator Names: Dr. M. R Bhalekar, Dr. R.N. Mirajkar, Mrs. K.D Asgaonkar

Description of Activity:

The Industry Institute Partnership Cell (IIPC) organized an expert lecture for students on the latest updates in medical device rules, regulations and standards. A total of 74 participants, including staff members and students attended the seminar. The session provided valuable insights into understanding the employment scope, types, functions and classifications of medical devices (e.g., diagnostic, therapeutic, monitoring, surgical instruments). The lecture sparked curiosity and deepened participants' understanding of medical devices as an essential component of modern healthcare and pharmaceutical practice. It offered students an opportunity to explore knowledge beyond the academic curriculum, strengthened their awareness of industry compliance needs and enhanced skills relevant for future employability in the medical device and healthcare sector.



Pune, Maharashtra, India
Gvj8+7qr, Raja Bahadur Motilal Rd, Near Rto Pune, Railway Officers Colony, Sangamvadi, Pune, Maharashtra 411001, India
Lat 18.53077° Long 73.86685°
14/08/2025 12:03 PM GMT +05:30



Pune, Maharashtra, India
Gvj8+7qr, Raja Bahadur Motilal Rd, Near Rto Pune, Railway Officers Colony, Sangamvadi, Pune, Maharashtra 411001, India
Lat 18.53067° Long 73.86666°
14/08/2025 12:08 PM GMT +05:30



10. Pharmacist Day Celebration

Date: 25/09/2025

Time: 11:00am- 2.00pm

Organized For (student Class/staff): B.Pharm and M.Pharm students

No of Participants: 10 | **Staff:** 02

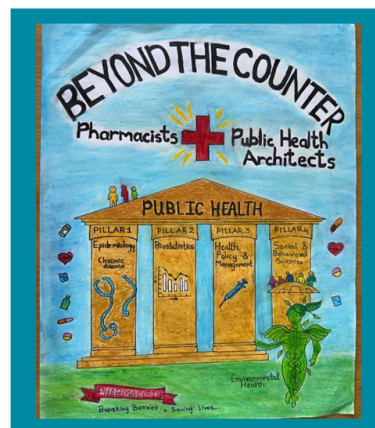
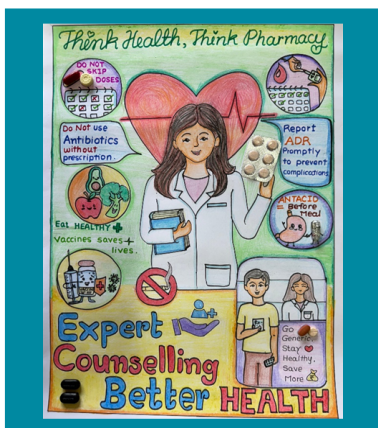
Details of Activity:

On the occasion of World Pharmacist Day, AISSMS College of Pharmacy, in association with IIC, organised a Poster Making Competition to celebrate and highlight the important role of pharmacists in healthcare. Students from various classes enthusiastically participated and presented their innovative ideas through colourful and informative posters. The posters depicted the theme "Think Health, Think Pharmacist," highlighting the role of pharmacists in patient care, the safe use of medicines, and the advancement of pharmacy in healthcare. And winners for the competition were,

Rank 1st – Ms.Mrinmayee Sambhare - Final Year B.Pharm

Rank 2nd – Shravani Waghmare - S.Y.B.Pharm

Rank 3rd – Senha Jagatap - Final Year B.Pharm





Students achievements & Participations July-Sept 2025

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PROUD MOMENT
Our talented students secured **3rd Rank** in the
MIME category at the University Level Cultural Fest

JALLOSH 2025



On Stage Team
Siddhesh Dhotrikar
Omkar Bhojane
Jayesh Sapkal
Sejal Mane
Rati Gandhi
Pari Aware

Sound Track & Control
Shreshtha Banerjee

Cultural Coordinators
Dr. Rahul Padalkar
Ms. Ankita Ingale
Ms. Mitali Gandhi

Regards
Dr. Ashwini Madgulkar
Principal

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JALLOSH 2025

CONGRATULATIONS TEAM



**Mime makes the invisible,
VISIBLE
and the visible,
INVISIBLE**

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Congratulations



Our students **Piyush Nikam, Shreya Ambilwade, Rasika Kurandale, and Tanaya Ghanekar** secured **2nd Rank** in the Installation Model Category on the theme **Indian Festivals: Past, Present & Future at Jallosh 2025 (Zonal Level).**



Helix Of Heritage

Their talent, effort, creativity, and teamwork truly shone through, making this achievement well-deserved!

Cultural Coordinators
Ms. Ankita Ingale | Dr. Rahul Padalkar | Ms. Mitali Gandhi

Regards
Dr. Ashwini Madgulkar

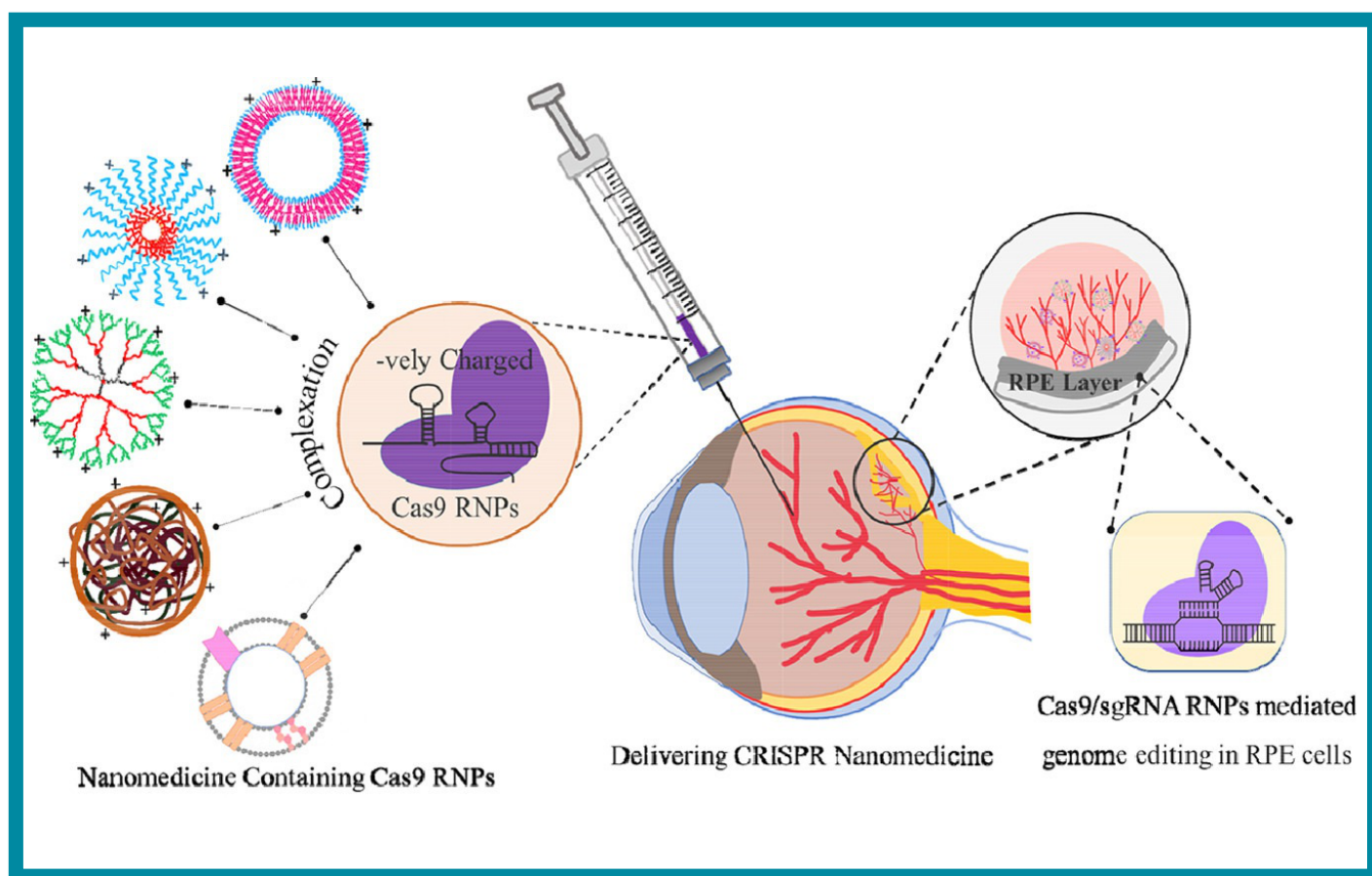
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Did You Know: CRISPR Gene Editing Has Helped Restore Vision in People With Inherited Blindness

In a groundbreaking clinical trial called BRILLIANCE, scientists have used CRISPR-Cas9 gene editing to treat a rare form of inherited childhood blindness Leber Congenital Amaurosis Type 10 (LCA10).

This is one of the first ever "in vivo" CRISPR therapies, meaning the gene editing was done directly inside the body – in this case, inside the retina of the eye instead of editing cells in the lab.





How It Works:

- The condition is caused by a mutation in the CEP290 gene.
- Scientists used EDIT-101, a CRISPR-based therapy, to target & remove the faulty section of DNA inside retinal cells.
- The treatment was delivered via a subretinal injection – directly into the eye.

Who Participated:

- 14 people (12 adults + 2 children) with severe vision loss from LCA10.
All had mutations in the CEP290 gene – specifically the IVS26 variant.

What Improved:

- According to trial results:
 - 79% of participants (11 out of 14) showed improvement in at least one measure of vision.
 - 43% improved in two or more areas.

Improvements included :

- Visual Clarity (acuity)
- Light Sensitivity
- Ability To Navigate Mazes
- Overall Vision-related Quality Of Life

Safety & Limitations:

- No serious side effects related to CRISPR itself.
- Mild side effects (e.g. inflammation) were linked to the surgical injection, not the gene editing.
- This therapy only works for people with a specific mutation (IVS26), so it's not yet a cure for all forms of blindness.

Why It Matters:

- This marks a huge milestone for genetic medicine.
- It shows that CRISPR can safely edit genes in the human body, not just in the lab
- It opens the door to treating other genetic eye diseases and possibly many more conditions in the future.



Scope of Pharmacy:

Scope Of Pharmacy In Clinical Research

➤ What is Clinical Research?

Clinical research refers to investigations (clinical trials, observational studies, etc.) involving human subjects to evaluate the safety, efficacy, and optimal use of pharmaceutical products, medical devices, biologics, etc. Pharmacists in clinical research contribute at many stages: from trial design to patient safety post-marketing.

➤ Roles that Pharmacists Can Fill in Clinical Research

Pharmacists' drug- and therapeutic-knowledge makes them very useful in several roles. Some key roles include.

➤ Clinical Research Associate (CRA) :

Monitoring trial sites, ensuring compliance with protocol, ethics, regulatory requirements; verifying data; site visits.

➤ Clinical Research Coordinator (CRC):

Day-to-day administration of trials, patient recruitment/follow-up, consent process, documentation, logistics.

➤ Clinical Trial Pharmacist:

Managing investigational drug supply, handling investigational products, ensuring storage, dispensing in compliance with trial protocol.

➤ Clinical Data Manager:

Ensuring data integrity, management of clinical trial databases, dealing with data queries, cleaning data.

➤ Pharmacovigilance Specialist:

Monitoring, reporting, and analyzing adverse events, risk management post-market, ensuring patient safety.

➤ Regulatory Affairs:

Ensuring trials comply with laws (e.g. ethics, drug regulatory agencies), preparing submissions for approval, handling audits.

➤ Medical/Scientific Writer:

Writing protocols, informed consent forms, study reports, publication articles, regulatory documents.

➤ Quality Assurance / Monitoring:

Audits, SOP development, ensuring Good Clinical Practice (GCP), ensuring quality systems in trial conduct.



Why Pharmacists are Well-Placed for Clinical Research

- 1) Deep knowledge of pharmacology, pharmacokinetics, drug interactions, therapeutic windows, adverse effects.
- 2) Understanding of formulation, stability, handling of drugs – helpful in investigational product management.
- 3) Training in ethics of drug use, patient safety.
- 4) Ability to interpret clinical literature.
- 5) Often good at working across teams: clinicians, regulators, data teams, etc.

Scope / Opportunities in India

- 1) India has become a significant hub for clinical trials: many pharma companies, CROs (Contract Research Organizations), SMOs (Site Management Organizations), and hospitals are involved. This creates demand for skilled personnel.
- 2) Roles like CRA, CRC, Pharmacovigilance Specialist are reported to be accessible for B.Pharm / M.Pharm graduates.
- 3) Regulatory bodies (like CDSCO in India) also provide scope- both for clinical trial oversight and post-market surveillance.
- 4) There is increasing recognition of clinical pharmacists in hospitals & healthcare setup participating in or even initiating research.

Challenges & Things to Keep in Mind

- 1) Many trial sites & CROs have high demand but also high expectations: knowledge of regulatory guidelines (ICH-GCP, etc.), documentation skills, ethical issues, etc.
- 2) Sometimes roles are entry-level with modest pay initially; higher responsibilities require experience or further education (M.Pharm, specialized diplomas, certificates in clinical research).
- 3) The regulatory and legal landscape can be complex and sometimes slow – approval processes, oversight can be time-consuming.
- 4) Keeping updated with constantly evolving guidelines (both national and international) is necessary.



Future Trends & Growth Areas

- 1) More clinical trials being outsourced to India, especially as pharmaceutical companies seek cost-efficient trial locations.
- 2) Increase in complex trials: biologics, gene therapy, personalized medicine, which require more specialized roles.
- 3) Digital health / real-world evidence studies, data analytics, adaptive trial designs. Pharmacists with skills in data handling/statistics may find added opportunities.
- 4) Greater emphasis on patient safety, pharmacovigilance, post-marketing surveillance.
- 5) Regulatory harmonization (global standards) pushing for better quality, which increases demand for trained personnel.

What Skills / Qualification Help

- 1) Understanding of Good Clinical Practice (GCP), ICH guidelines, regulatory requirements.
- 2) Strong documentation, protocol writing, informed consent process skills.
- 3) Basic statistical knowledge, data management tools.
- 4) Ethical understanding.
- 5) Communication & collaboration skills (since trials involve many stakeholders).
- 6) Possibly further qualifications: certificate/diploma in clinical research, pharmacovigilance, M.Pharm, etc.



Scientific Content: Cipla Ltd Company Overview

- **Full Name:** Cipla Limited
- **Headquarters:** Mumbai, Maharashtra, India
- **Founded:** 1935
- **Stock Listings:** BSE and NSE (Ticker: CIPLA)

Business Segments

Respiratory Products
Branded Generics & Consumer Health
APIs (Active Pharmaceutical Ingredients)
Global Access & Emerging Markets

Financial Performance

- Revenue: ₹27,547 crores
- Net Profit: ₹5,269 crores
- Earnings Per Share (Basic): ₹65.29

Focus Areas for R&D & Innovation

- Strong investment in respiratory therapies, injectables, and peptides.
- Development of new drug delivery systems and advanced formulations.
- Use of digital technology / AI for innovation, process improvements, regulatory compliance etc.

Strategic Moves & Recent Highlights

- Growth driven by strong demand in the domestic market (One-India business) as well as solid expansion in international markets, especially Africa, and North America.
- Regulatory approvals / launching of generic / specialty drugs such as Nilotinib; moving up oncology portfolio.
- Manufacturing sites meeting international regulatory standards (US FDA etc.), and improvement in margins aided by favorable product mix.

Websites and Contact Details:

- **Website:** www.cipla.com (Wikipedia)
- **Address:** Cipla House, Peninsula Business Park, Ganpatrao Kadam Marg, Lower Parel, Mumbai, Maharashtra, India (GlobalData)
- **Telephone:** +91-22-41916000 (GlobalData)





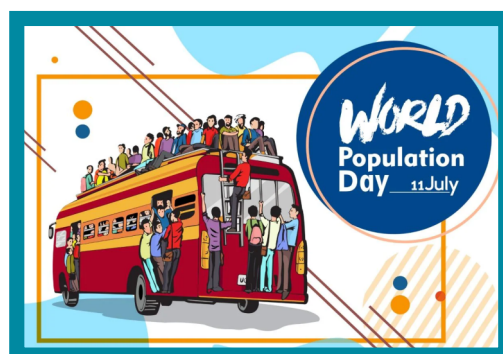
Theme: WORLD POPULATION DAY

The primary aim of World Population Day is to raise global awareness about population issues and their interconnections with development, the environment, and human well-being. It focuses on educating the public, mobilizing political will, and allocating resources to address challenges such as rapid population growth, urbanization, migration, and resource scarcity. Key objectives include promoting family planning, reproductive health services, gender equality, poverty reduction, maternal health, and human rights to foster sustainable development and ensure equitable opportunities for all, particularly vulnerable groups like women and youth.

➤ Principles of World Population Day:

World Population Day is guided by several core principles rooted in the United Nations' framework for sustainable development:

- **Reproductive Rights and Agency:** Emphasizing individuals' rights to make free and informed choices about family size, with access to contraception, healthcare, and education to avoid unintended pregnancies.
- **Gender Equality and Empowerment:** Prioritizing women's and girls' rights, reducing gender disparities in health, education, and economic opportunities to address inequalities in population dynamics.
- **Sustainable Development:** Linking population trends to environmental protection, resource conservation, and poverty alleviation, ensuring growth supports planetary health without overburdening ecosystems.
- **Inclusivity and Equity:** Leaving no one behind by focusing on marginalized communities, youth, and vulnerable populations, while promoting data-driven policies for fair resource distribution.
- **Human Rights Focus:** Upholding rights to health, education, and dignity, countering issues like maternal mortality and ensuring population policies respect individual freedoms.





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
(Principal, AISSMS COP)

Mrs. Niharika Patil.



Upcoming News (Oct-Dec 2025):

1. Fresher's Party for F.Y B.Pharmacy students
2. International webinar
3. Orientation of F.Y B.Pharmacy students
4. Vachan Prerna Diwas
5. Diabetes day

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