

COURSES OFFERED

Name of Course	Intake
D. Pharm.	60
B. Pharm.	60
M. Pharm. - Pharmaceutics	15
M. Pharm. - Pharmaceutical Quality Assurance	15
Pharm. D	30
Pharm. D (PB)	10
Ph. D.	-

ADVANTAGE INDIRA

- ◆ Well qualified, dedicated, research oriented faculty and staff
- ◆ Smart Classrooms with all advanced teaching aids as well as equipped with online teaching support
- ◆ State of the art laboratories with all modern and advanced equipment
- ◆ Well stocked Library as well as e-library resources
- ◆ Computer laboratory with internet facility
- ◆ R&D Cell
- ◆ Personalized attention to all students
- ◆ Career guidance and Counselling centre
- ◆ Dynamic Placement cell
- ◆ Auditorium.
- ◆ Open air amphitheatre
- ◆ Recreation halls for students
- ◆ Sports centre
- ◆ Separate hostel accommodations for girls and boys
- ◆ MOUs and Collaborations with various academic institutes and pharmaceutical industry giving ample opportunities for training and interdisciplinary research

OUR LEADERS

Dr. Tarita Shankar

Chairperson, Indira Group of Institutes, Pune.

Dr. Anagha Joshi

Principal, Indira College of Pharmacy, Pune.
Director, Quality Assurance Cell, Indira Group of Institutes

Dr. Dayanand Kannur

Vice - Principal, Indira College of Pharmacy, Pune.



OUR VISION

“To be a centre of excellence by redefining Pharmacy Education and nurture Globally Competent Professional Pharmacists.”

OUR MISSION

To train and develop students into Professional Pharmacists so as to fulfil the Industrial and Community needs.

To responsibly work towards reducing the suffering of mankind by providing ably trained pharmacists & pharmaceutical care.

ICP QUALITY POLICY

Indira College of Pharmacy strives to be recognized as a centre of excellence by ensuring quality teaching-learning processes and meaningful research activities.

The quality policy assures its commitment for the value based dissemination of knowledge through technological advancements and meaningful faculty inputs.

It ensures quality and ethics in all its activities, empowering its students to be professional pharmacists.

ACHIEVEMENTS & ACCOLADES

- ◆ **ICP has been accredited by NAAC with B + + grade and CGPA 2.78 in October 2017.**
- ◆ ICP is affiliated to Savitribai Phule Pune University for M. Pharm., Pharm. D, Pharm. D (Post Baccalaureate) & Ph D. courses and has Permanent affiliation for B. Pharm. and is registered under section 2f and 12B of UGC act.
- ◆ ICP is the recipient of the “**Platinum Rank**” in AICTE-CII survey 2018.
- ◆ '**Award for Institute with Best Social Outreach**' in the World Education Congress Awards July 2022.
- ◆ ICP Principal, Prof. Dr. (Mrs.) Anagha Joshi is the recipient of the '**Best Principal Award**' in the World Education Congress Awards July 2022.
- ◆ The College is recipient of the “**Award for Healthcare Awareness**” at world health & wellness congress, February 2020.
- ◆ The College is recipient of the “Educational institute with Best Industry Institute Interface” at Pune Education Leadership awards 2019.
- ◆ The College is awarded as “**Best Institute in Pharmacy**” at the 9th Innovative Education Awards, Mumbai 2017.
- ◆ ICP Principal, Prof. Dr. (Mrs.) Anagha Joshi is the recipient of the '**Best Principal Award**' in Pharmacy Education at the National Education Awards 2017.
- ◆ Dr. Dayanand Kannur, Vice-Principal was awarded as “**Outstanding faculty in Pharmacy**” at 11th Innovative Education Leadership Awards, held in Mumbai in the year 2019.
- ◆ Dr. Suvarna Ingale received the award for “**Outstanding Faculty in Pharm. D**” category at ABP News National education award, Mumbai.
- ◆ The College was awarded the “**Top Performing Pharmacy Institute award**” at World Education Congress, Global award 2016, Mumbai.
- ◆ The College was awarded as “**Best Educational Institute in Pharmacy Management**” in west zone, at the World Education Congress 2012, Mumbai
- ◆ 5 Patents filed by ICP-IPR Cell.
- ◆ Received a total Research Grant more than Rs. 30 Lakhs.
- ◆ Students have been regularly participating and publishing research papers in National and international journals and Conferences.
- ◆ Students have participated and won prizes in various State level, University level and intercollegiate sports and extracurricular activities.

INTRODUCTION

Shree Chanakya Education Society since its inception in 1994, has been working in the field of education under the visionary leadership of Chairperson, Dr. Tarita Shankar. The Society has been extremely active in promoting quality education in different streams - School Education, Management, Information & Technology, Commerce, Engineering and Pharmacy. It is a matter of pride that the Indira Group of Institutes is today ranked amongst the top 50 educational institutes in India by the best-known ranking agencies such as Business India, Outlook, The Week and most recently by The Economic Times.

Shree Chanakya Education Society founded Indira College of Pharmacy- ICP in 2006, with the **B. Pharm. (Bachelor of Pharmacy) course**. With a zest for spreading quality healthcare education, we introduced **M. Pharm. (Pharmaceutics)** in 2010, **Pharm. D (Doctor of Pharmacy)** in 2016 with recent addition of **D. Pharm. (Diploma in Pharmacy)** and **M. Pharm. (Quality Assurance)** courses & Ph. D in 2020.

True to our tradition, ICP with its motto of 'Redefining Pharmacy Education' has been dispensing cutting edge knowledge in the highly sophisticated field of drug development and delivery, promoting in the process a crop of well qualified and socially conscious alumni who have already begun to make a mark in the Pharmaceutical field. The college has earned a number of laurels for its splendid achievement in a short span of its existence. The College was the recipient of '**Award for Institute with Best Social Outreach**' in the world education congress awards July 2022. '**Best Academic & Industry Interface**' at world leadership awards 2021, "**Award for Healthcare Awareness**" at world health & wellness congress award February 2020, "**Educational institute with Best Industry Institute interface**" at Pune Education Leadership awards 2019 and "**Best Institute in Pharmacy**" at the 9th Innovative Education Awards, held in Mumbai in the year 2017. Our Principal, Prof. Dr. (Mrs.) Anagha Joshi received the '**Best Principal Award**' in Pharmacy Education at the National Education Awards 2017. The college was awarded as "**Top Performing Pharmacy Institute**" in World Education Congress, Global awards 2016, Mumbai. These awards and accolades are sounding acknowledgment of our contribution to the discipline of Pharmacy.

The college has well qualified and experienced faculty, vibrant IIPC cell and committed placement cell. The college is equipped with the best infrastructure and equipment which has been instrumental in creating the awesome credibility in a very short span of its existence. We believe that having established our credentials in the field of education, we need to take our commitment forward through introducing newer and higher avenues for the budding pharmacy students. Our aim is to imbibe the good work practices as well as research culture and professional attitude amongst the student fraternity to make them able and competent to contribute to the ultimate goal of having healthy India.



FROM THE CHAIRPERSON'S DESK

India is one of the reckoned forces in Pharmaceutical technology, Traditional Medicines and Healthcare sector, by 2020, India is likely to be amongst the top three pharmaceutical markets by incremental growth and 6th largest market globally in absolute size. In India, the focus being on designing and manufacturing Quality medicines of world class standards, has made the Indian Pharmaceutical companies take lead in capturing the world Pharmaceutical market.

To rule the pharmaceutical market globally, Indian Pharmaceutical Industry needs world class competent pharmacists in the area of Manufacturing, Research & Development, Quality Assurance, Regulatory Affairs and Marketing. India with its huge population and healthcare tourism, the onus on providing patient care is prime and as such the clinical pharmacist is well in demand.

We, at Indira College of Pharmacy are committed to provide a holistic, professionally conducive atmosphere for the overall growth of the aspiring students, so as to have the students develop as highly qualified, competent pharmacists and dedicated professionals. In short, we want to redefine the concept of Pharmacy education in today's global era with an aim to serve humanity in a better manner.

Capability, commitment, attitude and ethics are the most important pillars of a well-defined successful career. Sky is the limit for those who aspire and believe in self. We are in constant search for excellence in order to strengthen our efforts to make India a country to be reckoned with in the world of pharmacy.

Dr. Tarita Shankar
Chairperson- Indira Group of Institutes



FROM THE PRINCIPAL'S DESK



Dr. Anagha M. Joshi
Principal, Indira College of Pharmacy, Pune.

Dear Students,

I welcome you all to the ever growing profession of pharmacy. Pharmaceutical field is evolving day by day and contributing more and more to the well-being of the society. As you have noticed during current pandemic, India is exporting medicines to more than 100 countries. Shree Chanakya Education Society (SCES) has just completed 25 progressive years in education, had established Indira College of Pharmacy in the year 2006 offering B Pharm. course, with the goal of providing well trained competent Pharmacists who would be involved in manufacturing of drug formulations, quality assurance, research and development, marketing of drug formulations. Pharm. D course was introduced in the year 2016-17 to fulfil the societal need of clinical pharmacist- an indispensable link between the patient and the doctor. In addition, this academic year, ICP has evolved into a complete Pharmacy Education hub with introduction of Diploma in Pharmacy and Doctoral studies i.e. Ph.D. in Pharmaceutical Sciences.

In the past decade, the role of pharmacist has expanded from a dispenser, manufacturer to a researcher and a patient counsellor. It is one of the few professions which has shown significant growth rate even in the times of recession. Today, a new era of clinical research has opened many new career opportunities for the budding pharmacists.

Indira College of Pharmacy has created its own forte in the educational arena in and around Pune. Under the able leadership of our Chairperson Dr. Tarita Shankar and Prof. Chetan Wakalkar, this college has witnessed over a decade of transformation in Pharmaceutical sector and given its contribution in training and skill development. The college has been accredited by NAAC with B++ grade. ICP has risen on the horizon of Pharmacy Education markedly in last 17 years with the experienced faculty, various national level awards, constantly evolving teaching-learning process, technically supported teaching tools, research oriented working environment and facilities along with its illustrious placements over the years. At Indira college of Pharmacy, you will learn the art and science of medicine and take up social responsibility to improve the healthcare system and ultimately become ethical professional. We, 'The Pharmacists', promote health not medicines. So, my dear students make most of your college days to create a solid foundation of knowledge to be a technically competent professional and healthcare provider. Here is wishing you a very happy and healthy career in Pharmacy.

FROM THE VICE PRINCIPAL'S DESK



Dr. Dayanand Kannur
Vice - Principal, Indira College of Pharmacy, Pune.

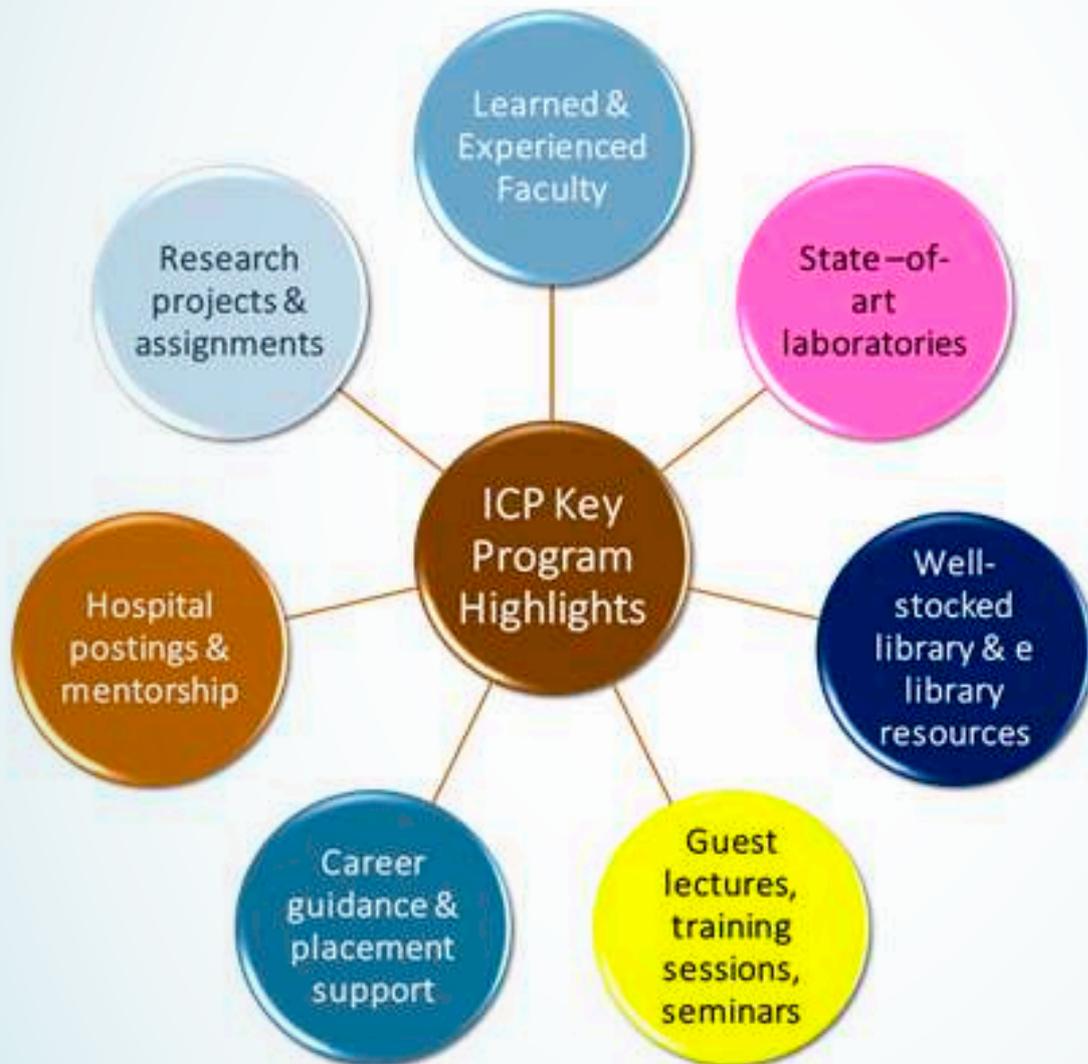
Through the centuries and since existence, the human race has overcome various challenges and hurdles with inventions, innovations and research to make life healthy and hearty, leading to one of the most luxurious and active ways of life in today's era. The changing socio-economic scenario, sedentary lifestyle, newer disorders and mutant diseases have thrown up new challenges as well as opportunities in the global healthcare scenario. Healthcare in India is an ever-growing and demanding field, Pharmaceutical sciences being an integral part of it has a global edge. India has a big task to cater to its vast population, the skewed ratio of trained Healthcare professionals to the entire population is one such big challenge.

Pharmacists are the Pillars of the healthcare system. They contribute and serve the nation and humanity immensely in a professional manner. The role of the Pharmacist has been redefined and now encompasses Research, Drug design, regulatory aspects, monitoring the drug dosage regimen, focussing on the adverse drug reactions, prescription errors, patient counselling along with the traditional functions like manufacturing, formulation and analytical development, dispensing, marketing etc. The aspiring pharmacists have sky-bound opportunities in various branches and fields of their interest, so as to create a niche for themselves. The modern-day Pharmacist with right knowledge, perspective and expertise has an exponentially growing promising career.

ICP - Indira College of Pharmacy is a transforming platform where the novice HSC passed students are groomed, mentored and trained into professional Pharmacists. ICP stands out for its professionalism and best teaching learning practices with a motto of 'Redefining Pharmacy Education'. We at ICP, believe in practicing the Good Educational Practices and the students who are studying here are trained and developed in such a manner that they are a perfect blend of knowledge, skills, virtues and professional ethos. The vibrant Industry institute partnership cell, the dynamic Placement cell as well as the R&D cell, ICP Life leadership program, Samvedana and ICP-Asmita series are the strong pillars on which the institution has etched itself a permanent name in the top Pharmacy colleges in Pune. ICP has gained popularity amongst the student population and is one of the most preferred institutions for Pharmacy Education.

Key Program Highlights

A quick look at the benefits offered by ICP



Unique Features

Admissions at Indira College of Pharmacy enables

- ◆ Mentoring
- ◆ Industry-driven comprehensive curriculum
- ◆ 24/7 access to study material
- ◆ Live interactions with Industry experts
- ◆ Industrial training and internships
- ◆ Project Career guidance and Support
- ◆ Guest lectures
- ◆ Seminars & Conferences
- ◆ Webinars

UNDER GRADUATE PROGRAM

B. Pharm

4 Years* Interactive Learning* Research projects* Industrial Visits* Skill Development and Career Assistance

A career-focused program designed to equip you with Pharmaceutical knowledge, technical skills and become an expert in the healthcare industry!

Program Overview

B Pharmacy (Bachelor of Pharmacy) is a job-oriented graduate degree for science students who want to make a career in the pharmacy sector. B.Pharm. course duration is four years with eight semesters. The B. Pharm. degree is one of the most sought after degrees because of its wide scope and vast career opportunities. B.Pharm syllabus covers all the facets of healthcare including bio-chemical areas that concern the preparation of medicines and implementing those for the right diagnosis. Students study about various subjects like Industrial Pharmacy, Pharmaceutical Analysis, Pharmacology, Human Anatomy and Physiology, Biochemistry, Medicinal Chemistry, Pharmacokinetics, Pharmacy Management etc. As per the B. Pharm. syllabus, an aspirant is instructed about the intricacies of medicines and their effect on the human body along with the details of the chemical and organic properties of all the elements used. B. Pharm. is all about maintaining a standardized quality of people's health and living. The program teaches students how to become attentive professionals so as to ensure the selection of the right drug for the right treatment. Pharmacy is an intricate art of preparing drugs and medicines with complete and in-depth knowledge about its ill-effects with legitimate data and instruction.

The course imparts complete theoretical and practical knowledge about drugs and aids in developing all the necessary skills to counsel patients on the use of medicines and drugs. The curriculum includes a number of practical experiments along with theory classes in allied subjects. Pharmacy education and profession in India up to the graduate level is regulated by the Pharmacy Council of India [PCI], a statutory body governed by the provisions of the Pharmacy Act, 1948 passed by the Indian Parliament.

Knowledge about healthcare and biomedical science with the skills to predict the nature of medicines and analyse the same for the betterment of humanity is one of the key responsibilities of a B. Pharm. professional. Successful completion of the degree entitles the student to become an ethical and knowledgeable pharmacist.

Pharmacists play a key role in catering to the needs of the patients to help their recovery process. Patients do best when pharmacists are part of their healthcare teams because pharmacists are the medication specialists. They improve medication adherence.

The majority of pharmacists work in an independent or retail chain community pharmacy and provide counselling to patients on the use of prescription and over-the-counter (OTC) medications. Pharmacists work in numerous other healthcare environments as well, including hospitals, nursing homes, managed care organizations, the pharmaceutical industry, colleges and schools and government organizations. Pharmacists play key leadership roles in all aspects of the healthcare system.

Pharmacy is thus a diverse and rewarding career, with opportunities for patient care, scientific research and innovation. Pharmacists can work in a myriad of professional settings. They are the torch bearers and so an integral part of the healthcare industry.

Learning Outcome

- ◆ B. Pharm. course has the objective to enable the students to understand the right drug for the right treatment at the right time.
- ◆ The course has the objective that helps students learn about various methods of formulation and development of dosage forms.
- ◆ To foster development of students through participation in various national conferences, competitions and symposia.
- ◆ To develop in students leadership skills, team building skills, community service outlook, continuing education opportunities, and ethical practices.
- ◆ B. Pharm. course aims at the objective of creating trained pharmacists for the healthcare industry in public and private sectors.

Key Program Takeaways

- ◆ Formulation & development of drugs and delivery systems
- ◆ In-depth knowledge of drugs and its effects on body
- ◆ Practical applications in pharmaceutical and healthcare industry
- ◆ Develop team-work
- ◆ Analytical Skills
- ◆ Entrepreneurial Skills
- ◆ Community involvement
- ◆ Being an active part of healthcare team
- ◆ Ethical & professional individual
- ◆ Chemistry and synthesis of drugs



UNDER GRADUATE PROGRAM

Pharm. D

6 Years*Interactive Learning*Clinical Postings*Research Projects*Skill Development and Career Assistance

A practice-based pharmacy education designed to equip you with pharmacotherapeutic knowledge and technical skills to become an asset to the healthcare team!

Program Overview

SCES'S Indira College of Pharmacy, Pune has started Pharm. D. (Doctor of Pharmacy) program (Intake of 30 seats) in the academic year 2016-2017. We are the first institute to introduce the Pharm. D. program under the affiliation of Savitribai Phule Pune University (SPPU). The collaboration with multi-speciality clinical environment Aditya Birla Memorial Hospital, Thergaon, provides an exemplary training ground for practice-based pharmacy education. Pharm. D. curriculum focuses on core pharmacy courses in the first two years, followed by four years in the clinical setting.

Clinical Pharmacists work with other health care professionals to maximize health outcomes. Numerous studies have proven that the presence of a pharmacist on hospital rounds as a full member of the patient care team has been shown to prevent medication errors and reduce costs. Pharmacists provide optimal management of medication for chronic diseases such as diabetes, asthma, hypertension, etc. The collaboration of healthcare professionals, such as physicians and pharmacists, can help to ensure that patients properly take their medications as prescribed and avoid any harmful effects. One of the many exciting developments in the pharmacy profession is the growth of a discipline, known as pharmacogenomics. Genetic variations in genes can affect a body's response to a drug. In the future, specialists in this area hope to sequence the entire human gene in each individual. Pharmacists and other healthcare providers will be able to use that information to select the best medicines, treat diseases earlier than now possible, or prevent them entirely with individually-tailored drug therapies. Digital innovations in pharmacy include electronic prescriptions, robotics for central prescription processing and nationwide prescription monitoring programs, as well as pharmaceutical research. These technological advances enhance efficiency and help to promote patient safety.

The college is equipped with the best infrastructure and equipment, which has been instrumental in creating the awesome credibility in a very short span of its existence. We believe that having established our credentials in the field of education, we need to take our commitment forward through introducing newer and higher avenues for the budding pharmacy students. Our aim is to imbibe the good work practices as well as research culture and professional attitude amongst the student fraternity to make them able and competent to contribute to the ultimate goal of having a healthy India.

SCES'S Indira College of Pharmacy, Pune is one of the pioneer colleges in Maharashtra to initiate Pharm. D. (Doctor of Pharmacy) program with Intake of 30 seats.



Learning Outcome

- ◆ To develop and acquire competencies (knowledge, skill and attitude) to provide pharmaceutical care services, thereby promoting rational use of medicines and ultimately contribute to better patient care.

Key Program Takeaways

- ◆ Clinical pharmacy services
- ◆ In-depth knowledge of drugs interactions
- ◆ Managerial skills
- ◆ Commercial Skills
- ◆ Civic involvement
- ◆ Important part of healthcare team
- ◆ Virtuous & professional individuals
- ◆ Drug utilization review
- ◆ Patient counselling
- ◆ Preventing drug interactions and adverse effects.
- ◆ Pharmacovigilance
- ◆ Pharmacoepidemiology and pharmacoconomics
- ◆ Clinical research

POST GRADUATE PROGRAM

Doctor of Pharmacy Post – Baccalaureate (Pharm. D PB)

3 Years*Interactive Learning*Clinical Postings*Research Projects*Skill Development and Career Assistance

A practice-based pharmacy education designed to equip you with clinical pharmacy skills and pharmacotherapeutic knowledge to become an asset to the multidisciplinary healthcare team!

Program Overview

Primary focus of Pharmacy education in India has been on the pharma industry since its inception. Globalization and increasing western influence have led the Pharmacy Council of India introducing Pharm. D. in 2008, with pharmaceutical care as its primary educational focus. Pharm. D. is the first professional degree, and a prerequisite for licensing to practice as a pharmacist in many countries.

SCES'S Indira College of Pharmacy, Pune has started Pharm. D. Post Baccalaureate (Pharm. D PB) program (Intake of 10 seats) in the academic year 2019-2020. We are the first institute to introduce the Pharm. D. PB program under the affiliation of Savitribai Phule Pune University (SPPU). The multi-speciality clinical environment provides an exemplary training ground for practice-based pharmacy education. Pharm. D. PB curriculum focuses on core pharmacy courses in the clinical setting.

Learning Outcome

To develop and acquire competencies (knowledge, skill and attitude) in pharmaceutical care services, thereby promoting rational use of medicines and ultimately contribute to better patient care.

Key Program Takeaways

- ◆ Clinical pharmacy services
- ◆ In-depth knowledge of drugs interactions
- ◆ Managerial skills
- ◆ Commercial Skills
- ◆ Civic involvement
- ◆ Important part of healthcare team
- ◆ Virtuous & professional individuals
- ◆ Drug utilization review
- ◆ Patient counselling
- ◆ Preventing drug interactions and adverse effects
- ◆ Pharmacovigilance
- ◆ Pharmacoepidemiology and pharmacoconomics
- ◆ Clinical research

POST GRADUATE PROGRAM

M. Pharm.

2 Years *Interactive Learning* Live Projects* Career Assistance

A career-focused program designed to equip you with knowledge and skills in Pharmaceutics/ Quality Assurance and become an expert in the Pharmaceutical Industry!

Program Overview

The M. Pharm. Pharmaceutics program aims at developing skilled professionals in the field of pharmaceutical research and academics. The Pharmaceutical Quality Assurance Post-Graduate M. Pharm. Program provides students with the comprehensive knowledge and skills in the fields of Pharmaceutical Analysis, Quality Assurance and Regulatory Affairs. The course structure meets the need of appropriate knowledge and skills required for a QA professional in the Pharmaceutical Industry.

ICP offers specialization to students in 2 subjects namely - **Pharmaceutics and Pharmaceutical Quality Assurance**. After completing this two-year certified program, students can work in academia as well as in niche sectors that include research, regulatory affairs, new formulation development, marketing, Quality Assurance and Quality Control and administration. The program also provides students with exposure to the latest advancements in the areas of formulation development, analysis and more.

Students get exposure to the highly sophisticated instruments, Industry Insights, Industrial visits, Industry Experts sessions and latest trends in the area of Pharmaceutics and Pharmaceutical Quality Assurance after enrolling for M. Pharm. Program.

Unique Program Features of M. Pharm. Degree

M. Pharm. Admissions at Indira College of Pharmacy Enables

- ◆ Inculcating research acumen
- ◆ Mentoring
- ◆ Inter- disciplinary research projects
- ◆ Industrial Visits
- ◆ 24/7 access to study material & video lectures
- ◆ Live interactions with Industry experts
- ◆ Industrial training and internships
- ◆ Career guidance and Support

Key Program Takeaways

- ◆ Enhances skills and competencies
- ◆ Challenging Assignments
- ◆ Industry Exposure
- ◆ 100% Placement assistance
- ◆ Research projects
- ◆ Opportunities to work on industry sponsored and collaborative projects
- ◆ Learning through Presentations/ Case Study/ Brainstorming
- ◆ Guest Lectures
- ◆ Students Research
- ◆ Teaching Learning through ICT

D. Pharm. – Diploma in Pharmacy

2 Years *Interactive Learning* Research Projects* Industrial Visit* Skill Development and Career Assistance

A career-focused program designed to equip you with knowledge of pharmacy, Technical skills and become an expert in the Pharmacy Field!

Key Program Highlights

- ◆ Industry and business oriented curriculum
- ◆ Development of counselling skills
- ◆ Industry visit
- ◆ Learning through Presentations/ Brainstorming/ Guest Lectures
- ◆ National level Conferences
- ◆ Teaching Learning through ICT
- ◆ Learning Management Tactics through Events like GUSTO/ IPL/ Corporate Spectrum

Unique Program Features of Diploma in Pharmacy Degree

Diploma in Pharmacy Admissions at Indira College of Pharmacy enables:

- ◆ Mentoring
- ◆ Practical training in community pharmacies
- ◆ Training in Hospitals
- ◆ Case Studies
- ◆ Seminars and conferences /Webinars
- ◆ Project guidance and Support
- ◆ Career Guidance

Course Learning Outcome

- ◆ Diploma in Pharmacy has an objective to enable students to understand the importance of formulation and method of administration.
- ◆ This course has the objective that helps students to learn various dispensing practices.
Diploma in Pharmacy aims at the objective of creating educated pharmacists for the healthcare profession.

Key Program Takeaways

- ◆ Understanding The Current Global Scenario of Community Pharmacy
- ◆ Understanding Formulations and Administration
- ◆ Practical Application in Pharmaceutical and Healthcare Industry
- ◆ Understanding use of Dispensing of Medicines
- ◆ Patient Counselling
- ◆ Integral Part of Healthcare System
- ◆ Development of Business acumen
- ◆ Inculcating Pharmaceutical Ethics

Ph.D. DOCTORAL STUDIES

Program Overview

One of the primary purposes of doctoral studies is to encourage in-depth analysis and enrich knowledge in the selected field. Ph.D. is a doctoral degree with focus on academic research. A Ph.D. course is usually of minimum three years duration. Aspirants need to possess a master's degree and prescribed eligibility by the corresponding statutory regulatory body to be eligible to pursue a Ph.D. program. All admissions for Ph.D. programs shall be through an entrance test conducted by Savitribai Phule Pune University (SPPU). Doctoral studies requires aspirants to study a topic in-depth and need to possess the required skill-set and dedication. An aspirant to Ph.D. also requires being quick and good with presenting their thoughts and findings, well-versed with written communication and having good writing capacity. Ph.D. degree is broad-based and involves a course credit requirement and a research project which is submitted in the form of thesis. The Institute also encourages research scholars to undertake research in interdisciplinary areas through a system of joint supervision and inter-departmental group activities. Academic institution's long lasting contribution to society is research. These activities are normally composed of production of theoretical knowledge and implementation of this knowledge for different experimental setups.

With best and extensive Research infrastructure facilities and a unique pool of Senior Researchers the institute offers Ph.D. programs in the area of Pharmaceutical Sciences.

The objectives of the Ph.D. Program are

- ◆ To encourage and doing research on current issues in the field of Pharmaceutical sciences
- ◆ To contribute in expanding the knowledge and to provide research training.
- ◆ To facilitate pursuing higher studies and advanced research in pharmaceuticals.
- ◆ To encourage publication of research papers in well reputed, peer reviewed journals.

EMPLOYABILITY

The Indian pharmaceutical industry is one of the largest pharma industries in the world. This increases the scope of pharma studies in India. Pharmacy is a noble profession that provides a satisfying career and high-paying jobs. Like many fields within and outside of the health care sector, pharmacy has seen changes over the past few decades because of economic realities and changes in health care practice overall. Career options are not only available in India, but worldwide. Research and Development is a major area in the pharma industry, where new drug development, formulation development, analysis and toxicological studies are performed. These analyses are done through sophisticated and state-of-the-art machines. For research and development purposes, skilled researchers and technicians are in high demand and so pharmacy as a career is gaining immense recognition. The scope of pharmacy today includes global healthcare which has given rise to clinical research, medicinal manufacturing and marketing, for improvement or maintenance of a patient's quality of life and for providing them with appropriate drug information.

Indira College of Pharmacy is actively involved in conducting various certification programs, seminars, guest lectures and training sessions for budding pharmacy students.

These programs not only help them in developing as professional trained pharmacists but also nurture them in a way that they become globally competent and work towards the sufferings of mankind.

How ICP Prepares You For Your Career

- ◆ Technical sessions, seminars by experts from industry and academia
- ◆ Aptitude sessions
- ◆ Participation in Poster and paper presentations
- ◆ Soft skill development sessions
- ◆ Mock Interviews
- ◆ Group discussions
- ◆ Professional Guidance
- ◆ Industrial visits and internships

HIGHER EDUCATION

Successful completion of the course allows the students to opt for the multidisciplinary further education opportunities.

Higher Education Opportunities After Completion of the Course

B. Pharm.

Master in Pharmacy (M. Pharm)
Doctor of Pharmacy (Pharm. D PB)
Master in Business Administration (MBA)
MS (Master of Science)

Pharm D. & Pharm D. PB

Ph. D
Masters in Business Administration (MBA)
MS (Master of Science)

M. Pharm.

Ph. D
MS+Ph.D.

D. Pharm.

B. Pharm.
Pharm D.

CAREER OPPORTUNITIES AFTER COMPLETION OF COURSE

Career Opportunities After Completion of B. Pharm.

- ◆ Registered Pharmacists
- ◆ Research associate
- ◆ Formulation scientist
- ◆ Production officer
- ◆ Quality control officer
- ◆ Quality Assurance Officer
- ◆ Sales Personnel
- ◆ Marketing executive / manager
- ◆ Clinical research associate
- ◆ Clinical data manager
- ◆ Data analyst
- ◆ Pharmacovigilance scientist
- ◆ Entrepreneurship
- ◆ Retail / Wholesale Chemist shops
- ◆ Pharma Consultant
- ◆ Nuclear Pharmacy
- ◆ Nutrition Support Pharmacy
- ◆ Oncology Pharmacy
- ◆ Psychiatric Pharmacy
- ◆ Forensic Pharmacy

Career Opportunities After Completion of Pharm. D. / Pharm. D. PB

- ◆ Clinical Pharmacist
- ◆ Marketing and insurance sector
- ◆ Pharmacovigilance
- ◆ Medical writing
- ◆ Business development
- ◆ Application scientists
- ◆ Medical affairs
- ◆ Academics
- ◆ Business analyst
- ◆ Pharmacology industry



Career Opportunities After Completion of M. Pharm-Pharmaceutics

- ◆ Formulation & Development (F & D)
- ◆ Research and Development
- ◆ Regulatory affairs
- ◆ Technology transfer
- ◆ Quality Assurance
- ◆ Quality Control
- ◆ Marketing
- ◆ Project management and administration
- ◆ Molecular Pharmaceutics & Biotechnology

Career Opportunities After Completion of M. Pharm - Quality Assurance

- ◆ Analytical development
- ◆ Documentation officer
- ◆ Quality Control Analyst
- ◆ Quality Control Officer
- ◆ Quality Control Head/Director
- ◆ Quality Assurance Officer
- ◆ Quality Assurance head
- ◆ In process Quality Assurance Officer

Career Opportunities After Completion of D. Pharm.

- ◆ Health care / Hospitals
- ◆ Pharmacy store / Wholesale / Retail
- ◆ commissioning and forwarding
- ◆ Pharmaceutical Firms
- ◆ Sales and Marketing Department



OUR TORCH BEARERS – LIST OF FACULTY

Sr. No.	Name of the Faculty	Qualification	Designation	Subject
1.	Dr. Anagha Joshi	M. Pharm. Ph. D.	Principal & Professor	Pharmaceutical Quality Assurance
2.	Dr. Dayanand Kannur	M. Pharm. Ph. D.	Vice Principal & Professor	Pharmacognosy
3.	Dr. Suvarna Ingale	M. Pharm. Ph. D.	HOD Pharm. D. & Professor	Pharmacology
4.	Dr. Madhur Kulkarni	M. Pharm. Ph. D.	Professor	Pharmaceutics
5.	Dr. Manasi Wagdarikar	M. Pharm. Ph. D.	Associate Professor	Pharmaceutical Chemistry
6.	Dr. Amir Shaikh	M. Pharm. Ph. D.	Associate Professor	Pharmaceutics
7.	Dr. Archana Karnik	M. Pharm. Ph. D.	Associate Professor	Pharmaceutical Quality Assurance
8.	Dr. Digambar Ambikar	M. Pharm. Ph. D.	Associate Professor	Pharmacology
9.	Dr. Rahul Buchade	M. Pharm. Ph. D.	Associate Professor	Pharmaceutical Chemistry
10.	Mrs. Rutuja Kamble	M. Pharm.	Assistant Professor	Pharmaceutical Chemistry
11.	Mr. Sunil Kakad	M. Pharm.	Assistant Professor	Pharmaceutical Chemistry
12.	Mrs. Amruta Walvekar	M. Pharm.	Assistant Professor	Pharmaceutical Chemistry
13.	Dr. Shraddha Devarshi	Pharm. D.	Assistant Professor	Pharmacy Practice
14.	Mrs. Pallavi Chouhan	M. Pharm.	Assistant Professor	Pharmaceutical Quality Assurance
15.	Ms. Roopal Bhat	M. Pharm.	Assistant Professor	Pharmaceutics
16.	Mrs. Shreeya Belwalkar	M. Pharm.	Assistant Professor	Pharmaceutics
17.	Mrs. Meghana Dabhadkar	M. Pharm.	Assistant Professor	Pharmaceutics
18.	Mr. Shubham Pawar	M. Pharm.	Assistant Professor	Pharmaceutical Chemistry
19.	Ms. Tejal Mulay	M. Pharm.	Assistant Professor	Pharmacology
20.	Ms. Sneha Joshi	M. Pharm.	Assistant Professor	Pharmacology
21.	Dr. Divya Kulkarni	Pharm. D.	Assistant Professor	Pharmacy Practice
22.	Dr. Pooja Janardan	Pharm. D.	Assistant Professor	Pharmacy Practice
23.	Ms. Monika Sharma	M. Pharm.	Assistant Professor	Pharmaceutics
24.	Ms. Aishwarya Huparikar	M. Pharm.	Assistant Professor	Pharmaceutics
25.	Ms. Nitisha Soni	M. Pharm.	Assistant Professor	Pharmaceutics
26.	Mrs. Anjali Naik	M. Pharm.	Assistant Professor	Pharmacognosy
27.	Mrs. Arpita Kasliwal	M. Pharm.	Assistant Professor	Pharmaceutics
28.	Mrs. Falguni Mistry	M. Pharm.	Assistant Professor	Pharmacognosy
29.	Ms. Rajanigandha Jori	M. Pharm.	Assistant Professor	Pharmacology
30.	Ms. Snehali Saykar	M. Pharm.	Assistant Professor	Pharmaceutical Quality Assurance

OUR TORCH BEARERS – LIST OF FACULTY

Sr. No.	Name of the Faculty	Qualification	Designation	Subject
31.	Ms. Snehal Dalvi	M. Pharm.	Assistant Professor	Pharmaceutics
32.	Dr. Teny Grace Skaria	Pharm. D.	Assistant Professor	Pharmacy Practice
33.	Ms. Shubhangi Buchade	M. Pharm.	Assistant Professor	Pharmacology
34.	Ms. Shubhangi Chakole-Zade	M. Pharm.	Lecturer	Pharmaceutics
35.	Mr. Anirudha Munde	M. Pharm.	Lecturer	Pharmaceutics
36.	Ms. Shivkanya Chandrawanshi	M. Pharm.	Lecturer	Pharmaceutics
37.	Mr. Shankar Khandare	M. Pharm.	Lecturer	Pharmacology
38.	Ms. Akshada Murkute	M. Pharm.	Lecturer	Pharmacognosy



OUR PILLARS – LIST OF NON- TEACHING STAFF

Sr. No.	Name of the Administrative Staff	Designation
1.	Mrs. Pradnya Parag Kulkarni	Registrar
2.	Mr. Abdulsalim Kareem Shaikh	Librarian
3.	Mr. Samadhan Prabhakar Gaikwad	Assistant Librarian
4.	Mr. Akshay Dash	Wealth Manager
5.	Mr. Dilip Maruti Dhamale	Sr. Clerk
6.	Mrs. Priyanka Yogesh Korwalikar	Executive Assistant
7.	Mr. Pramod Vitthal Sakhare	Jr. Clerk
8.	Mr. Sachin Rameshchandra Dhamale	Coordinator
9.	Mrs. Ashwini Ritesh Hingmire	Office Coordinator
10.	Mr. Pramod Gajanan Patale	Lab. Assistant
11.	Mr. Swapnil Vilas Dhamale	Lab. Assistant
12.	Ms. Jagruti Ramesh Jadhav	Lab Assistant
13.	Mr. Anil Rama Gaikwad	Lab. Assistant
14.	Mr. Nilesh Manohar Pasalkar	Lab. Assistant
15.	Mrs. Neelam Dhane	Lab. Assistant
16.	Mrs. Poonam Parmar	Lab. Assistant
17.	Mrs. Pooja Gaikwad	Computer Lab. Assistant
18.	Mr. Dattatray Maruti Dhamale	Lab. Attendant
19.	Mr. Manohar Vitthal Jadhav	Lab. Attendant
20.	Mr. Ramling Arjun Gaikwad	Lab Attendant
21.	Mr. Milind Shankar Khedkar	Gym Instructor
22.	Mr. Rajkamale Manohar Kakade	Lab Attendant
23.	Mr Rohit Jagannath Gunjal	Lab Attendant
24.	Mr. Rajendra Dattu Tupe	Lab Attendant
25.	Mr. Babasaheb Balu Patil	Peon
26.	Mr. Samadhan Tatayram Tupare	Peon
27.	Mr. Akshay Ranjan Pawar	Peon
28.	Mr. Samadhan Ingale	Lab Attendant

INFRASTRUCTURE

Indira College of Pharmacy provides state of the art infrastructure for students which include spacious modern classrooms, well equipped laboratories, IT Centre, spacious Library, Auditorium etc. The ambience in college is very much apt for Pharmacy education and motivates the students for better performance.

Library

The ever-growing library of our college is a vast sea of information for young minds. The library has an excellent collection of more than 10,000 reference/ text books, journals, e-journals, CD ROMs, and Periodicals related to pharmaceutical sciences, housed in an inspiring infrastructure to support student's mental and professional growth. In addition, there is an internet facility for online search that makes the world of information readily available for students. This is one of the best information resource centres in the region. We have made a number of online books available for students.

Computer Centre

We have a well stationed computer centre with more than 65 computers comprising the best of hardware and latest software. The entire campus is Wi-Fi connected Live@edu facilitates utilization for sharing documents and assignments with groups and faculties.



DEPARTMENTS

Department of Pharmaceutics

Pharmaceutics is a core subject of pharmacy education wherein the students learn the technique of developing most pertinent dosage forms or formulations for a drug candidate. The well formulated dosage forms help in achieving the maximum therapeutic effect of the drug without causing side effects. Throughout the course work of B. Pharm., as a part of Pharmaceutics subject; students learn about the basics of the dosage forms such as solutions, suspensions, tablets, capsules, creams, ointments, lotions, patches, films, suppositories etc. These dosage forms are intended to be administered by a variety of routes such as oral, topical, mucosal, transdermal and parenteral. The coursework of Pharmaceutics even includes the cosmeceuticals wherein knowledge of formulation and evaluation of cosmetic preparations is imparted. The subject of Pharmaceutics is exclusive to the course of pharmacy and never taught to any medical, paramedical or pure science branches. Hence specialization in this subject is most preferred by the pharmacy graduates.

There is a huge demand in the pharmaceutical, nutraceutical and cosmetic industry for the professionals with specialization in Pharmaceutics. Even the biotech industry demands the M. Pharm. –Pharmaceutics candidates for the development of vaccine, monoclonal antibodies and genetically engineered based formulations. Pre-formulation studies, formulation development, formulation manufacturing, regulatory affairs are the key departments of these industries where the master of Pharmaceutics students get employed. Even the government regulatory agencies like CDSCO and state FDAs are the potential employers of the post graduates in Pharmaceutics.

The department of Pharmaceutics at ICP deals with the development of novel dermatological formulations; oral, topical and transdermal film formulations, herbal based preparations, cosmetics and nanoparticulate drug delivery systems. Indira College of Pharmacy provides all the necessary equipment and facilities to prepare and evaluate these formulations. We also facilitate the industrial training and internships for the students to get the real time exposure of the milieu and industrial work culture. The college has signed MOUs (Memorandum of Understanding) with various industries and academic institutes which promote faculty to conduct the sponsored and collaborative research projects. Working on such projects helps the students in honing their technical and professional skills. Based on such projects, faculty have published excellent research papers in peer reviewed journals and filed several patents.

The friendly and encouraging environment of the college coupled with the efficient mentoring and supervision of the dedicated and experienced faculty of the Pharmaceutics department make learning a pleasant and enriching journey for the post graduate students.



Industry Sponsored Projects

- ◆ “Formulation Development of anticancer drug for preclinical studies” sponsored by V. Life Science, Pune.
- ◆ “Formulation Development and Stability Studies of Veterinary Calcium Feed Supplement as Oral Liquid and Tablets” sponsored by Adison Laboratories, Pune.
- ◆ “Development of paediatric nutraceutical sachet formulation” sponsored by Merck Consumer Health Ltd, Mumbai.
- ◆ “Stability enhancement of capsanthin” sponsored by Amicon Rx, Mumbai.
- ◆ “Development of vitamin B1 tablets formulations” sponsored by NexGen Pvt. Ltd., Mumbai.

Research Grants Received: Total Amount: 10 Lakhs

- ◆ Received Research grant of Rs.2, 00,000/- (Rs. Two Lakhs) from University of Pune for the project entitled “Formulation and evaluation of nail lacquer of terbinafine HCl in combination with silver nanoparticles for fungal infection”.
- ◆ Received Research grant of Rs. 2, 00,000/- (Rs. Two Lakhs) from University of Pune for the project entitled 'Effect of Alcoholic Beverages on Drug Release Pattern of Sustained Release Dosage forms'.
- ◆ Received Research grant of Rs. 2,00,000/- (Rs. Two Lakhs) from University of Pune for the project entitled 'Formulation of herbal anti-dandruff gel'.
- ◆ Received Research grant of Rs. 2,00,000/- (Rs. Two Lakhs) from University of Pune for the project entitled 'Enhancement of solubility of Etodolac by using various approaches'.
- ◆ Received Research grant of Rs. 2,00,000/- (Rs. Two Lakhs) from University of Pune for the project entitled 'Effect of solubility of drug excipients on drug release from Chitosan matrix'.

Department of Pharmaceutical Chemistry & Quality Assurance

Pharmaceutical Chemistry & Quality Assurance laboratories are meant to inculcate the chemical & analytical aspects of drug molecules starting from basic organic chemistry to drug design, synthesis of new drugs and analysis of drug molecules in formulation. At the undergraduate level total nine subjects are studied in a systematic manner including, basic and advances in organic and inorganic chemistry, chain reaction of drugs, structure activity relationships (SAR), synthesis of drugs & drug intermediates and excipients on lab scale and analysis of drugs.

Students are trained to determine the extent of purity of raw materials and drugs in pharmaceutical dosage forms using highly sophisticated instruments. They are also trained in various analytical techniques and validation and documentation procedures as per the regulatory norms. In this way skill development of students is facilitated so that they can efficiently exert duties responsibly in Research and Development, Quality Assurance and Quality Control department of Pharmaceutical Industry.

Industry Sponsored Projects

Analytical method development for an anti HIV drug molecule sponsored by A. J. Organica Ltd. Pune.

Grants received: Total Amount: 6.7 Lakhs

- ◆ Received a research grant of Rs. 2, 50,000 /- (Two lakhs eighty thousand) from University of Pune for the project entitled "Development of novel topical formulation for treatment of Diabetic Foot containing Serratiopeptidase and development and validation of analytical methods for estimation of Serratiopeptidase from formulation."
- ◆ Received a research grant of Rs. 2, 80,000 /- (Two lakhs eighty thousand) from University of Pune for the project entitled "To perform media optimization, production, characterization and purification of therapeutic enzyme and to develop and validate analytical techniques for qualitative and quantitative estimation of the same in crude form and in formulation".
- ◆ Received a research grant of Rs. 1, 40,000 /- (One lakh forty thousand) from Savitribai Phule University for the project entitled - An analytical method development for analyzing release and permeation profile of a drug when co-administered with medicated wines containing one or more ingredients of Trikatu.



Department of Pharmacology

Pharmacology is the study of drugs - how do drugs act and what are their unwanted effects. In the department of pharmacology, various experiments are carried out to study the effects of different drug categories, providing training to students in fundamentals of anatomy, physiology, health education, experimental, clinical pharmacology and therapeutics. The pharmacology and physiology laboratories are well equipped with facilities for research in areas like neuropharmacology, cardiovascular, anti-hyperlipidemic, anti-asthmatic studies, anti-inflammatory etc. The department is actively involved in the research projects and the research papers are published in the National and International journals of repute.

The Department of Pharmacology has well equipped 'Animal House' registered under CPCSEA, New Delhi.

Research Grants Received: Total Amount: 4.2 Lakhs

- ◆ Research grant of Rs. 2,00,000/- (Rs. Two lakhs) from University of Pune for the project entitled “Neuropharmacological study of different parts of *Passiflora incarnata*.”
- ◆ Research grant Rs. 2,20,000/- (Rs. Two lakhs twenty thousand) from Savitribai Phule Pune University for “Evaluation of Anti- Asthmatic activity of some Indian medicinal plants”.

Department of Pharmacognosy

Pharmacognosy deals with medicines derived from natural sources and it involves the study of the physical, chemical, biochemical and biological properties of molecules of natural origin, obtained from plants, animals, minerals and marine sources so as to ascertain their potential as lead drug molecules. Pharmacognosy is an interdisciplinary branch involving a broad spectrum of biological and socio-scientific topics, including botany, ethno botany, marine biology, herbal medicine, phytochemistry, plant biotechnology - tissue culture, production of secondary metabolites and development of herbal formulations. WHO has estimated that the majority of all the global inhabitants depend on curative natural systems of medicine for their primary health needs and these systems are largely of traditional origin. The department of Pharmacognosy focuses on research based on evaluation of medicinal plants including isolation, purification, identification and structural elucidation of bioactive molecules and development & standardization of herbal formulations.

Research Grants Received: Total Amount: 10.2 Lakhs

- ◆ Received Research grant of Rs. 2,00,000/- (Rs. Two lakhs) from University of Pune for "Preparation and evaluation of a novel wound healing formulation using extract of *Kalanchoe pinnata*, *Curcuma longa* and honey."
- ◆ Research grant of Rs. 3,00,000/- (Rs. Three lakhs) from University of Pune for "Investigation of Indian Medicinal plants for evaluation of Adaptogenic & Antihyperlipidemic activity."
- ◆ Research grant of Rs. 2,00,000/- (Rs. Two lakhs) from University of Pune for "Development and Pharmacological investigation of Nasal Herbal Formulation."
- ◆ Research grant of Rs. 1,40,000/- from Savitribai Phule Pune University for research project titled "Development and standardization of lozenges and jellies from traditional Churnas and Chatans".
- ◆ Research grant of Rs.1,80,000/- Savitribai Phule Pune University for project titled "Development and standardization of Herbopathic formulations".



Pharm.D. (Doctor of Pharmacy)

Doctor of Pharmacy provides a broad exposure to students in the health care sector. Pharmacovigilance (ADR Detection and reporting), clinical research, clinical pharmacy, medical writing are various fields which are governed by clinical pharmacists.

With an incredible development of the health care services/ pharmaceutical industries, the demand for trained pharmacy professionals is increasing. Rising elderly population, chronic illnesses, and insurance cover are some additional contributing factors. Pharmacists are becoming more actively engaged in drug therapy, decision-making and pharmaceutical care, meeting the rising demand of trained pharmacy professionals. Pharmacy practice is a rewarding career in today's expanding health care setting. Department of pharmacy practice was established at SCES's Indira College of Pharmacy, Pune in 2016 with the introduction of Doctor of Pharmacy (Pharm. D.) program, first time in the private sector of Maharashtra. The department provides experiential training to Pharm. D. students to understand and undertake activities such as drug information, patient counselling, medication history interview, assessment of drug interaction, identify and resolve drug related problems, pharmacovigilance, periodic safety update report (PSUR), Clinical Research, health screening program, community outreach program, etc. This training helps students to become leaders in today's dynamic healthcare environment by catering to the needs of the clinicians and patients and thus provides best pharmaceutical care to diseased patients.

Holistic Development of students



Guest Lecture



Career Development Program



Life Leadership Program



ICP - Asmita



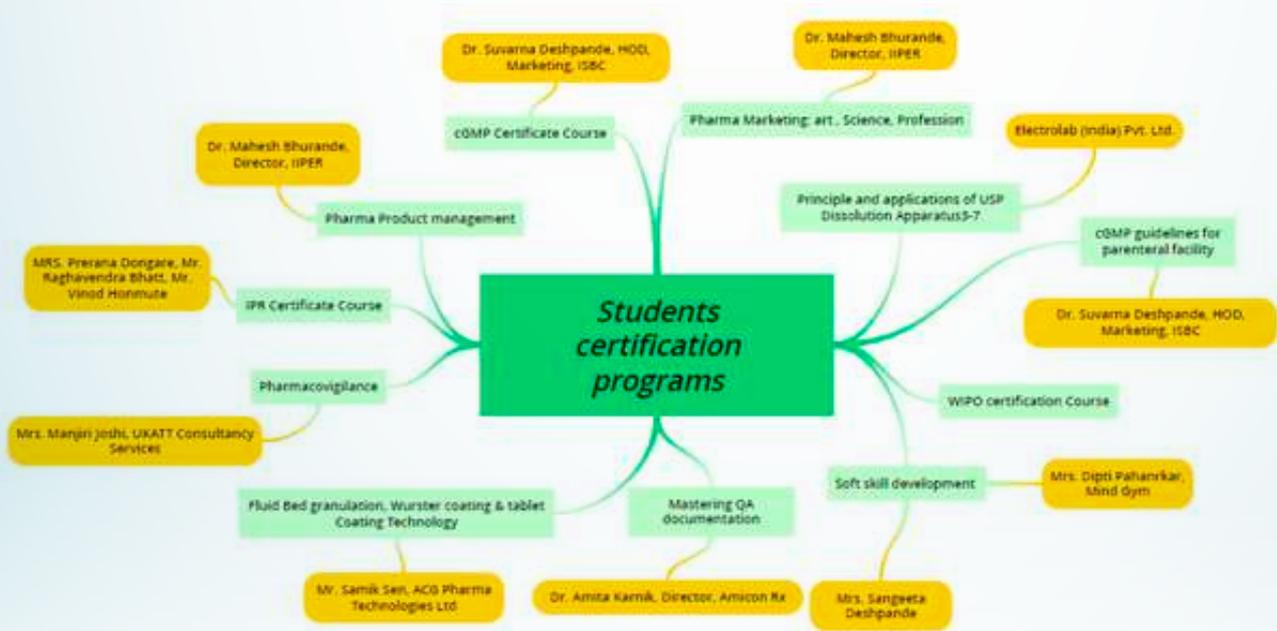
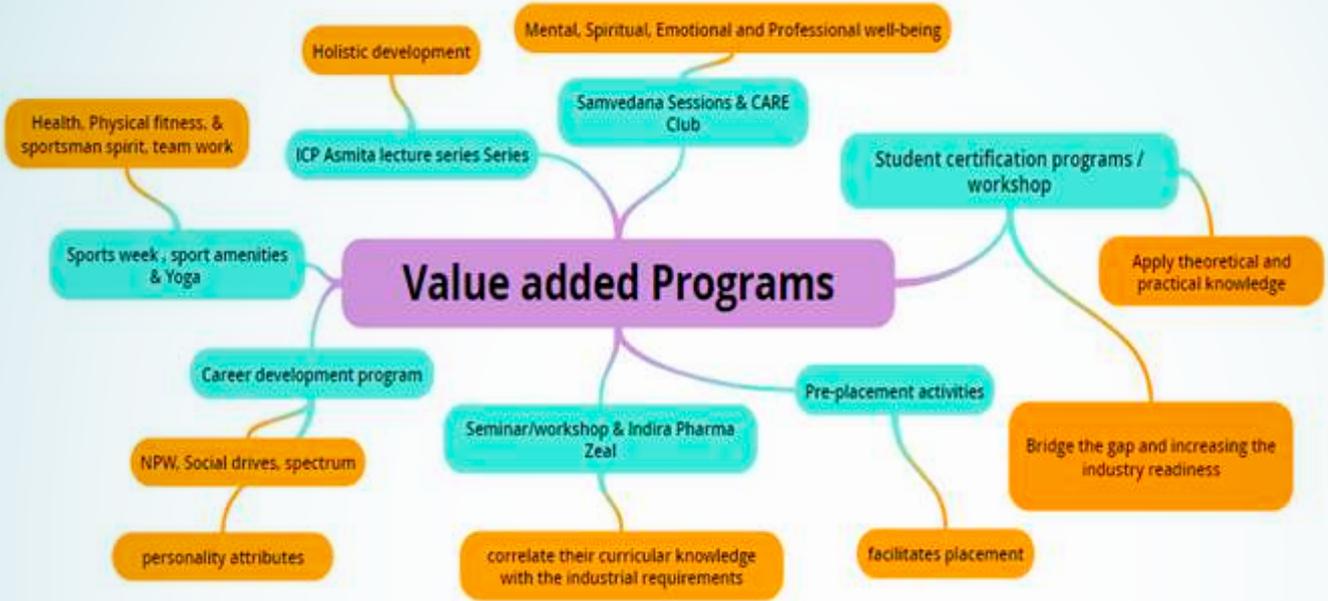
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Internships



Industrial Visits



Team Spirit



Expression



Confidence



Leadership



Placements



Professional

NSS CAMP



INDUSTRY-INSTITUTE PARTNERSHIP CELL

Indira College of Pharmacy, since its inception in 2006 has been striving hard to develop an atmosphere which would be conducive to mold the students into Professional Pharmacy Graduates. Industry-Institute Partnership Cell has been established to enhance the interaction between industries and institutes. It gives emphasis on exposure of students to the current pharmaceutical industry scenario and keeps them abreast with the latest technological development. The institute undertakes various research projects including formulation development, analytical method development etc. Students are involved in these research projects, which gives them hands-on training on sophisticated instruments and develop their skills towards becoming a professional pharmacist. Students are offered industrial training and internships to acquaint them with industrial environment and requirements. Many research projects are done in collaboration with the industry which again allows the students to work in the industrial set up. Industry sponsored projects are taken up by the faculty to fulfil the needs of the industry as well as to give hands on experience to the students who work on such projects. Throughout these years, special training programs, guest sessions, seminars, industrial tours are arranged to focus on value based overall development of the student.



EMINENT SPEAKERS FROM THE INDUSTRY

Sr. No.	Distinguished speakers	Organization
1	Mr. Ratan Mukharjee	Chief operating officer, Global Reach
2	Dr. Uma Divate	Director, Jehangir Clinical Development Centre, Pune
3	Dr. Sunil Choudhary	Life point hospital, Pune
4	Ms. Devashri R. Prabhudesai	Medical writer
5	Mr. Preetish Toraskar	Director, Koye Pharmaceutical Pvt. Ltd., Mumbai
6	Mr. Sunil Bharti	General Manager, Vok opticals Inc., Mumbai
7	Dr. Dipak Bharambe	Clinical Pharmacist, Hiranandani hospital, Mumbai
8	Dr. Vasudev Paralikar	Psychiatry HOD, KEM hospital, Pune
9	Mrs. Rashmita Babu	HR executive, Milan labs pvt ltd, Panvel
10	Mrs. Indrani Kakade	Director, CDM, Sciformix, Mumbai
11	Mr. Kaustubh Berde	VP-International Business, Wockhardt, Mumbai
12	Mr. Vishal Chaudhari	Head-Operations, Clini India
13	Ms. Shravani Deshpande	Cytel Statistical softwares & Services pvt ltd
14	Ms. Shabnam Asthana	PR expert & Career consultant
15	Mr. Ronney Cooper	HR Consultant, Pune
16	Dr. Parag Gatne	Senior Manager-R & D, USV Ltd, Mumbai
17	Mr. Deepak Singh	Design Expert Trainer, Gansons Ltd, Mumbai
18	Mr. N K Lokhande	Yoga & Meditation consultant, Pune
19	Gayatri Shardul, Piyush Rajput	Cytel Statistical softwares & Services pvt ltd, Pune
20	Mr. R.B Joshi	Consultant Regulatory Affairs, Pune
21	Ms. Trikala Chenna	Founder & CEO , Global Support Foundation
22	Dr. Shona Nag	Head of Oncology Department Jahangir Hospital, Pune
23	Dr. Ravindra Ghooi	Consultant, Jehangir Clinical Development Centre, Pune
24	Mr. Vishal Chaudhari	Head-Operations, Clini India
25	Mr. Kaustubh Berde	VP-International Business, Wockhardt
26	Mr. Anil Chillarge	Emcure Pharmaceuticals, Pune
27	Dr. Vikram Padbidri	Consultant & HOD- Microbiology, Jehangir Hospital, Pune
28	Dr. Aditi Dastane	Consultant Pathologist, Deenanath Hospital, Pune
29	Dr. Sachin Hingmire	Consultant Oncologist, Deenanath Hospital, Pune
30	Dr. Hitesh Doshi	VP R & D, Sulphur Mills Ltd, Mumbai

Sr. No.	Distinguished speakers	Organization
31	Mr. Shridhar Joshi	Managing Director -JB Chemicals, Pune
32	Mr. Avinash Kulkarni	CEO- PAN Health Inc., USA
33	Mrs. Indrani Kakade	Director Operations, Cognizant Life sciences
34	Dr. Jayesh Parmar	Formulation Manager, Colorcon Pvt. Ltd., Mumbai
35	Mr. Ajay Sathe	Chief Executive Officer Cytel India, Pune.
36	Dr. Shirish Kulkarni	Director, Innovation Cell, Pharma Research, Lupin Limited. Pune.
37	Mr. Shailesh Laul	Vice President Manufacturing, Glenmark Generics Limited, Goa.
38	Mr. Pradeep Khose	Zonal Manager, Troikaa Pharmaceuticals
39	Mrs. Manjiri Joshi	Director, UKATT Consultancy Services, Pune
40	Mr. Arjun Guha Thakurta	Director - Operations, Life Science Consulting Pvt. Ltd
41	Dr. Kaustubh Tambvekar	Formulations Manager, Jansen Cilag
42	Dr. Suresh Kumar	Manager, Johnson and Johnson Ltd.
43	Mr. Vilas Bendre	Product Specialist, Lab India Pvt Ltd. Pune.
44	Mr. Sachin Itkar	General manager , Bilcare Research Academy, Pune
45	Mr. Milind Mishra, Dr. Manorama Patwardhan	Director and Faculty, Clino-Vision Institute of Clinical Research, Pune
46	Mr. Sachin Umalkar	Director, Acclimate Management Pvt. Ltd.
47	Mr. P. Padmakumar	Director, Ayurlife Remedies Pvt. Ltd.,
48	Mr. Abhijit Takwale	Atharva- Faryaz Plaza, Pune Research Scientist, Advinus Therapeutics Ltd, Pune
49	Mr. Parvesh Dutta	Regional Sales Manager, Novartis India Ltd., Mumbai
50	Ms. Merlin Fernandes	Executive-Administration, Career Versity, Pune
51	Dr. Sunita Belgamwar	Co-ordinator, Maharashtra AYUSH industry cluster.

EMINENT SPEAKERS FROM PROFESSIONAL BODY

Sr. No.	Distinguished speakers	Organization
1	Dr. Parizad Elchidana	President, Controlled Release Society- Indian Chapter
2	Dr. Anisha Pargal	President, Controlled Release Society- Indian Chapter
3	Dr. A. P. Pawar	President, IPA, Pune Branch
4	Dr. B. Suresh	President, Pharmacy Council of India, New Delhi.
5	Dr. Vadlamudi Rao	President IPA, Director- St. Peter's Institute of Pharmaceutical Sciences
6	Dr.Sakharam Garale	Head SEA Operations-ACMA

TRAINING PROGRAM

Sr. No.	Theme of the program	Speakers	Organization
1	Workshop on Systematic Review and Meta Analysis	Mr. Muhammad Rashid	MAHE, Manipal
2	Workshop on Team Building	DR. (Mrs.) Anagha Joshi	Indira College of Pharmacy, Tathawade, Pune
3	Demonstration of software on Design of Experiment in the field of QBD	Mr. Bimal Kumar Kesh	Q Sutra – Division of Minitab Corporation Inc.
4	Introduction to CADD and molecular modelling and its relevance to drug design.	Dr. S. M. Sami	V life sciences
5	QSAR – Method and application on drug design	Dr. V. M. Kulkarni	BVDU Poona college of Pharmacy
6	Protein structure analysis.	Dr. Venkat Pallae Dr. Uday Deshpande	I2ITV
7	Introduction to Chemo-informatics.	Dr. Subhash Ajmani	life sciences
8	Probiotics	Dr. Vinay Rale Dr. Bhushan Choudhari Dr. Yogesh Shouche Dr. P. S. Dhakephalkar	Environs Biotechnology UOP National Centre for Cell Sciences Agharkar Research Institute, Pune

EMINENT SPEAKERS FROM THE INTERNATIONAL ACADEMIA & INDUSTRY

Sr. No.	Distinguished speakers	Organization
1	Dr. Yogeshwar Bachhav	Associate Director, AI Curis Anti- infective solutions, Germany
2	Dr. Vivek Nerurkar	Professor and Chair, Department of tropical medicine, University of Hawaii at Manova, USA
3	Ms.Sneha Inamdar	Project leader, Apotex Corporation, USA
4	Mr.Jeremy Simpson	Head, School of Biological Science, Ireland
5	Dr.SubhashPadhye	Professor, Kansas University
6	Dr. Graham Nickolson	Professor and Dean, University of Technology Sydney, Australia
7	Dr. Medha Joshi	Assistant Professor, Nanomedicine Researcher, Consultant - Midwestern University, Chicago , USA
8	Prof. Dr. Müller-Goymann	Managing Director, Dept of Pharmaceutics, Institute of Pharmaceutical Technology, Technical University of Braunschweig, Germany
9	Dr. Susan Lang.	Senior Lecturer in Microbiology, Glasgow Caledonian University, UK
10	Ms. Mukta Paranjape	Research Scholar, Clinical Pharmacology, Technical University of Braunschweig, Germany.

EMINENT SPEAKERS FROM THE ACADEMIA

Sr. No.	Distinguished speakers	Organization
1	Dr. C. K.Kokate	Vice Chancellor, K.L.E University, Belgaum.
2	Dr. R. K. Goyal	Vice Chancellor, M.S. University, Baroda.
3	Dr. Ravindra Ghooi	Dean, Bilcare Research Academy, Pune.
4	Dr.Supriya Mahajan	Retd Professor, C U Shah College of Pharmacy
5	Dr.Mala Menon	Prof & HOD, Bombay College of Pharmacy
6	Dr. R.K. Nanda	Emeritus Professor, Pad. DYPIPSR, Pimpri.
7	Dr. A. P. Pawar	Vice Principal and Professor, Poona College of Pharmacy, Pune.
8	Dr. Suniti Gore	Head, Department of Microbiology, Fergusson College, Pune.
9	Dr. S. R. Dhaneshwar	Professor, Poona College of Pharmacy, Pune.
10	Prof. Pandit Mali	Principal, Indira Institute of Management Pune.
11	Prof. Shriram Nerlekar	Professor, Indira Institute of Management, Pune.
12	Dr. M.R. Choudhari	Professor, Bharati Vidyapeeth, Poona College of Pharmacy
13	Dr. Mahesh Burande	Director, Institute For Pharmaceutical Education And Research
14	Dr. Pramod Ingale	Principal, Dnyanvilas College of Pharmacy , Pune
15	Mr. Anil Dandekar	Retd Principal MIT school
16	Dr. Vinod Gaikwad	Associate Professor- Poona College of Pharmacy
17	Dr. Rajendra Patil	Asso.Professor,Chemistry, JSPM
18	Ms. Savita Patil	Achiever's Academy

ALUMNUS ON CAMPUS

Sr. No.	Distinguished speakers	Organization
1	Ms. Deepa Warriar	Ph.D. Scholar, ICT, Mumbai
2	Ms. Renuka Gangakhedkar	Scientist, Lupin Research Lab
3	Ms. Indu Rawat	Manager Brand Solutions, JioSaavn
4	Ms. Shraddha Singh	Co-founder, Fuzia
5	Mr. Rohan Kumar Borade	SAS programmer and trainer, Mumbai
6	Mr. Aditya Kulkarni	Quality Coordinator, Aesica Pharmaceuticals, Kent, UK
7	Mr. Sagar Joshi	Deputy Manager, International Business, Alkem

COLLABORATIVE PROJECTS WITH INDUSTRY

Sr. No.	Faculty member	Title of the project	Organization
1	Dr.(Mrs.) Madhur Kulkarni	Taste Masking of a few bitter drugs using ion exchange resins	Colorcon Pvt.ltd., Mumbai
2	Dr.(Mrs.) Madhur Kulkarni	Novel Technique of granulation	Gansons Limited, Mumbai
3	Dr.(Mrs.) Madhur Kulkarni	Taste masking using fluid bed coating technique	Gansons Limited, Mumbai
4	Dr.(Mrs.) Madhur Kulkarni	Development and evaluation of Vitamin B1 tablets	NexGen Pvt. Ltd., Mumbai
5	Dr.(Mrs.) Madhur Kulkarni	Stability evaluation of plant based carotenoids	Amicon Rx Pvt. Ltd.
6	Dr.(Mrs.) Madhur Kulkarni	Development of pediatric nutraceutical supplement formulation	Merck Consumer Health Ltd.
7	Dr.(Mrs.) Anagha Joshi & Dr. (Mrs.) Manasi Wagdarikar	Analytical method development	A.J. Organica Pvt. Ltd.
8	Dr. (Mrs.) Anagha Joshi & Prof. Ramesh Katedeshmukh	Veterinary formulation development	Adisan laboratories Pvt. Ltd.
9	Dr. (Mrs.) Anagha Joshi & Dr. Suvarna Ingale	Protocol Writing	Clinisearch
10	Dr. Dayanand Kannur	Herbal cosmetics development	Elic Naturals

ICP INTERNATIONAL WEBINAR SERIES ON

BIOLOGICS: THE FUTURE OF THERAPEUTICS AND HEALTHCARE MANAGEMENT

Sr. No.	Topic Of The Session	Speaker	Designation And Organization	Date
1	Monoclonal Antibodies: Future of Therapeutics	Dr. Ratnesh Jain	Assistant Professor, Institute of Chemical Technology, Mumbai	June 9th, 2020
2	Modalities and vectors for gene therapy: Overview and current status	Dr. Abhijit Date	Assistant Professor, Daniel K Inouye College of Pharmacy, USA	June 8th, 2020
3	Enhancing efficacy of Biologics through adjuvant addition	Dr. Yogeshwar Bacchav	Associate consultant, Aicuris Antilfective Cures, Germany	June 7th, 2020
4	Aptamers: A versatile and cost effective tool for the diagnosis and treatment of highly prevalent viral infections	Dr. Tejaram Yedavalli	Post-doctoral Fellow, University of Illinois, USA	June 6th, 2020

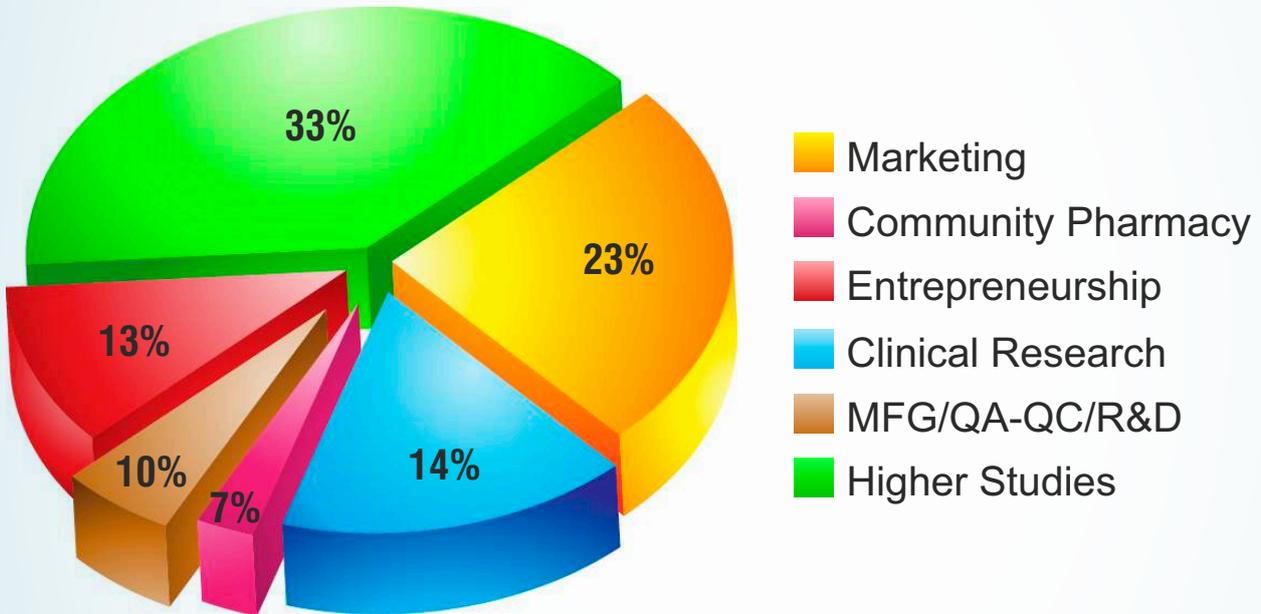
ICP WEBINAR SERIES ON

ROLE OF CLINICAL PHARMACIST IN EMERGING HEALTHCARE SCENARIO: AN OVERVIEW

Sr. No.	Topic Of The Session	Speaker	Designation And Organization	Date
1	Designing your research: How?	Dr. Girish Thunga	Professor and H.O.D, MAHE, Manipal	June 28th, 2020
2	Experience to get experience through, professional training: Crux for Pharm.D	Dr. M.S Ganachari	Professor and H.O.D, KLE University, Belgavi	June 27th, 2020
3	Transform knowledge to skill: Need of an hour	Dr. Sriram	Professor and H.O.D, SRIPMS, Coimbatore	June 26th, 2020

PLACEMENT CELL

Placement cell serves as a prominent medium of bridging the journey of students from academics to economically independent citizens of the country. ICP attempts relevant, high quality placements through building young competent pharmacy professionals. We actively connect with the Pharmaceutical industries and encourage companies to recruit our students. The pre-placement sessions are specially arranged where the students are given sessions for grooming, soft skill development and communication which adds to the flair, facilitating the recruitment process.



HERE IS WHERE OUR STUDENTS HAVE FOUND A CAREER:



2021 - 22

Academic year	Students Enrolled for Placements	Total Students placed	Campus/ Self	Company wise students placement	Names of the Recruiter Company
2021-22	63	55	Campus	8	Saama Analytics
			Campus	2	Kotak Life Insurance
			Campus	5	Relex Healthcare PVT LTD
			Campus	6	Milan Laboratories (India)PVT LTD
			Campus	3	Biojobz PVT LTD (Baner)
			Campus	1	Alembic Pharmaceuticals
			Campus	8	Aquity Solutions PVT LTD
			Campus	6	Clinovi Research (Tathwade)
			Campus	1	Himalaya Wellness Company
			Campus	2	Stemcyte India PVT LTD
			Campus	1	APIFDF
			Campus	1	Aurobindo Pharmaceuticals
			Campus	2	V-Ensure PVT LTD
			Campus	3	Aditya Birla Memorial Hospital
			Campus	1	Jehangir Hospital Pune
			Campus	2	Cian Healthcare
			Self	1	Umedica Laboratories PVT LTD
			Self	1	Pelltech Healthcare
Self	1	Manipal Hospital Pune			

2020 - 21

Academic year	*Students Enrolled for Placements	Total Students placed	Campus/ Self	Company wise students placement	Names of the Recruiter Company
2020 - 21	28	27	Campus	08	Cognizant
			Campus	03	Tata Consultancy Services
			Campus	09	Clinovi Research Pvt Ltd.
			Campus	02	Alembic
			Campus	01	Bajaj Finserv Health
			Campus	01	L'Oreal
			Self	01	Emcure Pharmaceuticals
			Self	01	Zaria pharmaceutical private Ltd
			Self	01	Triskandh Ayurved



2019 – 20

Academic year	*Students Enrolled for Placements	Total Students placed	Campus/ Self	Company wise students placement	Names of the Recruiter Company
2019 -20	24	24	Campus	03	KEM Hospital
			Campus	02	MPREX HEALTHCARE
			Campus	05	Cadila Healthcare
			Campus	03	Advantamed Healthcare
			Campus	01	L'Oreal
			Self	01	YCM Hospital
			Self	03	Labcorp Drug Development
			Self	01	Clinithink services
			Self	01	Shalina Laboratory
			Self	01	Shreya Life Sciences
			Self	01	Triskandh Ayurved
			Self	01	Cognizant
			Self	01	IQVIA

2018 – 19

Academic year	*Students Enrolled for Placements	Total Students placed	Campus/ Self	Company wise students placement	Names of the Recruiter Company
2018 -19	32	32	Campus	8	Milan Laboratories
			Campus	2	Tata Consultancy Services
			Campus	5	Cadila Healthcare
			Campus	03	Advantamed Healthcare
			Campus	13	Oaknet Healthcare
			Campus	1	L'Oreal
			Campus	3	USV India



SOCIAL DRIVES

- ◆ Mass cleanliness drive with a motto of 'Swaccha Bharat Abhiyan' in collaboration with Pimpri Chinchwad Municipal Corporation.
- ◆ Mass cleanliness drive with a motto of 'Plastic Free India' in collaboration with Pimpri Chinchwad Municipal Corporation.
- ◆ Pulse Polio campaign in collaboration with Health Department Central Government of India
- ◆ Girl students Participated at FICCI F10 fund raiser marathon to support the cause of women empowerment through increasing employment and encouraging entrepreneurship.
- ◆ Dengue Awareness Drive in and around Pune for awareness in collaboration with Pune Municipal Corporation.
- ◆ Marathon for Breast Cancer awareness organized by Prashanti Cancer Care Mission.
- ◆ Voter's awareness and motivation drive in PMC elections.
- ◆ Swine Flu awareness drive in and around Pune in collaboration with Pune Municipal Corporation.
- ◆ Pharmacy students participated with great enthusiasm in the Pune Marathon, with a theme of – Race against HIV-AIDS.
- ◆ Awareness drive for prevention of Chikanguniya in nearby villages of Pune.
- ◆ Street play on anemia and its causes/remedies etc. at hemoglobin detection camp for school children.

ADMISSION CELL – COURSES OFFERED

Courses	Intake	DTE Code	Duration
D. Pharm	60	636082310	02 Years
B. Pharm.	60	636082310	04 Years
M. Pharm. (Pharmaceutics)	15	636081710	02 Years
M. Pharm. (Pharmaceutical Quality Assurance)	15	636057510	02 Years
Pharm. D (Doctor of Pharmacy)	30	636010010	06 Years
Pharm. D (PB) (Post Baccalaureate)	10	636010110	03 Years

Eligibility

Eligibility for all courses will be under the ambit of the eligibility guidelines of Directorate of Technical education, State Government of Maharashtra, Mumbai.

For details please visit: <http://www.dtemaharashtra.gov.in/index.html>

List of documents required for admission process Under Graduate Courses post HSC;

Sr. No .	Name of document	SC/ST	SBC/NT/OBC	Open
1	MHT -CET/NEET Mark sheet	√	√	√
2	12 th Mark sheet	√	√	√
3	10 th Mark sheet	√	√	√
4	Leaving certificate	√	√	√
5	Domicile/ Birth certificate	√	√	√
6	Nationality certificate	√	√	√
7	Caste certificate	√	√	X
8	Caste validity certificate	√	√	X
9	Non -Creamy layer certificate	X	√	X
10	Family annual income certificate	X	√	√
11	Aadhaar card	√	√	√

ICP ANTI-RAGGING CELL

Sr. No.	Anti-Ragging Committee Members	Organization
1	Mr. Sandeep Gaekwad	Management Representative
2	Dr. Anagha Joshi	Principal, SCES'S , Indira college of Pharmacy
3	Police Inspector	Hinjewadi Police Station, Pune State Government of Maharashtra.
4	Mr. Deendayal Vaidya	Sakal Newspaper (Local Media)
5	Mrs. Aarti Gokhale	NGO Representative
6	Dr. Dayanand Kannur	Vice Principal, Indira College of Pharmacy
7	Dr. Archana Karnik	SCES'S Indira College of Pharmacy, Pune (Pharmacist)
8	Dr. Suniti Gore	DES, Fergusson College, Pune (Parent)
9	Mr. Pramod Sakhare	Warden, Akshar (Boys) Hostel, Indira Group of Institutes, Pune
10	Ms. Rajashree Waraliker	Warden, Galaxy (Girls) Hostel, Indira Group of Institutes, Pune
11	Ms. Prajakta Shingote	SCES'S Indira College of Pharmacy. (Student)
12	Mr. Siddhesh Pawar	SCES'S Indira College of Pharmacy. (Student)
13	Ms. Kaustubh Kulkarni	SCES'S Indira College of Pharmacy. (Student)
14	Ms. Savya Jayachandran	SCES'S Indira College of Pharmacy. (Student)
15	Ms. Prachi Waje	SCES'S Indira College of Pharmacy. (Student)

GRIEVANCE REDRESSAL CELL CONSTITUTION

Sr. No.	Name	Designation
1	Mr. Shrikant Narayan Patil	Ombudsman
2	Dr. Pravin Chaudhari	Professor
3	Dr. Anagha Joshi	Principal, SCES'S , Indira college of Pharmacy
4	Dr. Dayanand Kannur	Vice Principal, Indira College of Pharmacy
5	Dr. Suvarna Ingale	Member from Teaching faculty
6	Dr. Amir Shaikh	Member from Teaching faculty
7	Mr. Dilip Dhamale	Member from Non- Teaching faculty
8	Ms. Savya Jayachandran	Student representative- UG
9	Ms. Priyanka Shingote	Student representative- Research Scholar
10	Mr. Nakul Lagad	Student representative- Diploma

Internal Complaints Committee/Women Cell

(Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013)

Sr. No.	Women's Cell	Designation
1	Dr. Anagha Joshi	Presiding Officer
2	Dr. Dayanand Kannur	Member Teaching faculty
3	Dr. Suvarna Ingale	Member Teaching faculty
4	Dr. Madhur Kulkarni	Member Teaching faculty
5	Dr. Manasi Wagdarikar	Member Teaching faculty
6	Dr. Amir Shaikh	Member Teaching faculty
7	Mrs. Pradnya Kulkarni	Member from Non- Teaching faculty
8	Ms. Laxmi Choudhary	Student representative- UG
9	Ms. Savya Jayachandran	Student representative- UG
10	Ms. Priyanka Shingote	Student representative- Research Scholar
11	Ms. Prachi Waje	Student representative- Diploma
12	Mrs. Aarti Gokhale	NGO Representative- ZTCC, Mumbai



Shree Chanakya Education Society's
INDIRA COLLEGE OF PHARMACY, PUNE
"Redefining Pharmacy Education"

Approved by PCI, AICTE, New Delhi, Affiliated to SPPU & MSBTE, Recognized by Govt. of Maharashtra

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