D.PHARM • FIRST YEAR

Pharmaceutics

CHAPTER 1

History of the Profession of Pharmacy



ENGLISH CHAPTER NOTES

HISTORY OF PHARMACY IN INDIA

The profession developed through four broad phases.

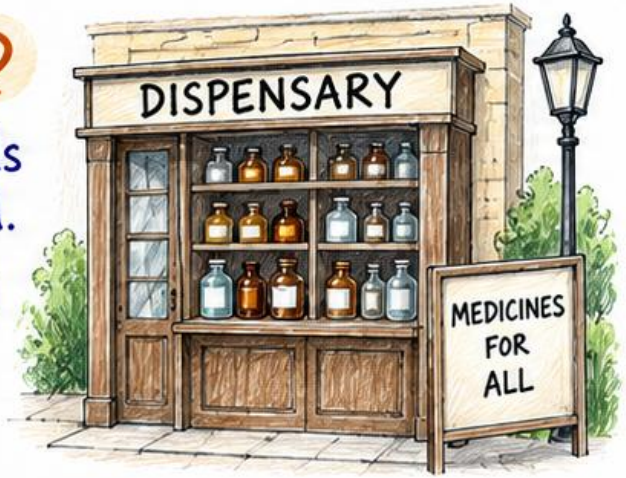
1. ANCIENT ROOTS

- Traditional systems included Ayurveda, Siddha and Unani.
- Texts such as Charaka Samhita and Sushruta Samhita described medicinal plants and preparations.



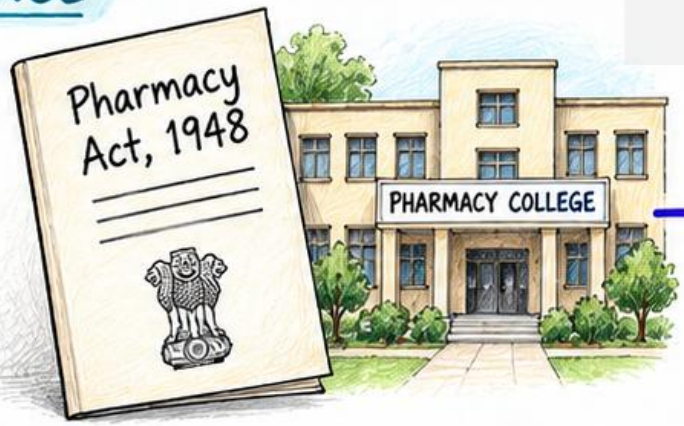
2. COLONIAL PERIOD

- Western medicine, hospitals and dispensaries expanded.
- Organized training helped develop the pharmacy profession.



3. AFTER INDEPENDENCE

- Pharmacy Act, 1948 provided a framework for pharmacy education and registration.
- Pharmaceutical education and domestic medicine manufacturing grew.



4. MODERN ERA

- Pharmacists work in patient care, research, industry and regulation.
- India developed a strong generic-medicine industry.



★ Traditional practice → Professional education → Industry & patient care

PHARMACY EDUCATION & REGISTRATION

Education builds competence. Registration allows professional practice under applicable rules.

PHARMACY COUNCIL OF INDIA

- PCI is a statutory body under the Pharmacy Act, 1948.
- It sets pharmacy education standards and approves courses and examinations for registration purposes.



STATE PHARMACY COUNCIL

- The State Pharmacy Council handles pharmacist registration, renewal and transfer.
- Candidates must meet the current qualification and registration requirements.



EDUCATION PATHS

- D.Pharm: Diploma in Pharmacy. B.Pharm: Bachelor of Pharmacy.
- M.Pharm: advanced study after B.Pharm. Pharm.D: Doctor of Pharmacy.
- Training includes Pharmaceutics, Pharmacology, Medicinal Chemistry and Pharmacy Practice.



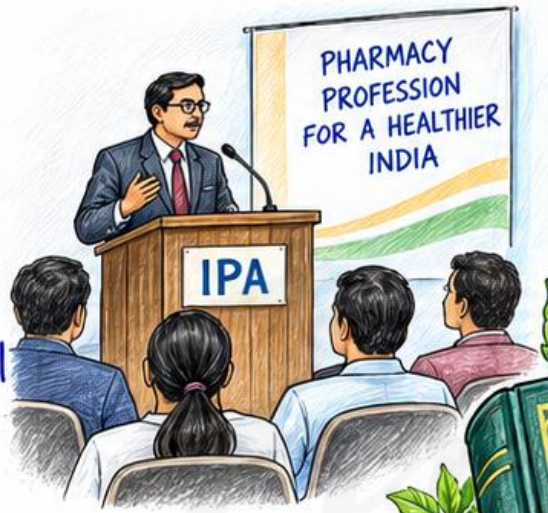
★ Approved education and professional registration have distinct roles.

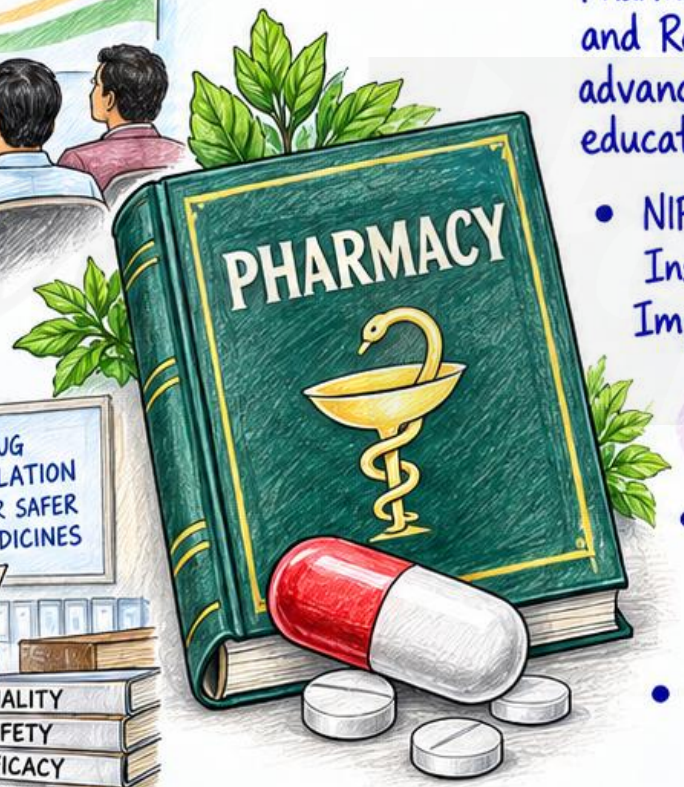
ORGANISATIONS IN INDIAN PHARMACY

Different organisations support professional development, education and medicine regulation.

1. IPA

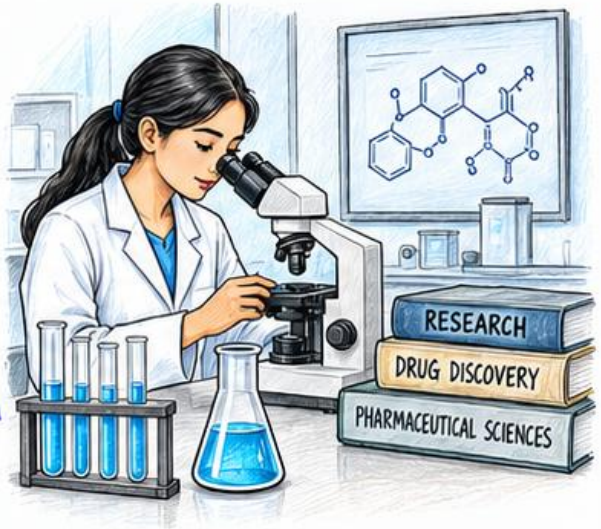
- Indian Pharmaceutical Association developed under this name in 1939.
- It promotes the pharmacy profession through professional activities, publications and education.





2. NIPER

- National Institute of Pharmaceutical Education and Research supports advanced pharmaceutical education and research.
  - NIPER S.A.S. Nagar is an Institute of National Importance.



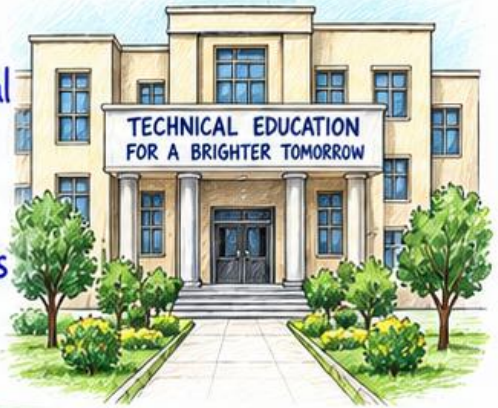
3. CDSCO / DCGI

- CDSCO is the central drug regulatory organisation. DCGI heads it.
- Its responsibilities include new-drug approval and coordination with State drug authorities.



4. AICTE

- All India Council for Technical Education is a national technical-education body.
- Pharmacy education approvals must follow the applicable PCI framework.



★ PCI, professional associations and drug regulators perform different functions.

PHARMACY CAREERS: PATIENT CARE

Pharmacists help people use medicines safely and effectively.

COMMUNITY PHARMACY

- Dispense medicines and explain correct use, storage and precautions.
- Support adherence and refer patients when further medical assessment is needed.



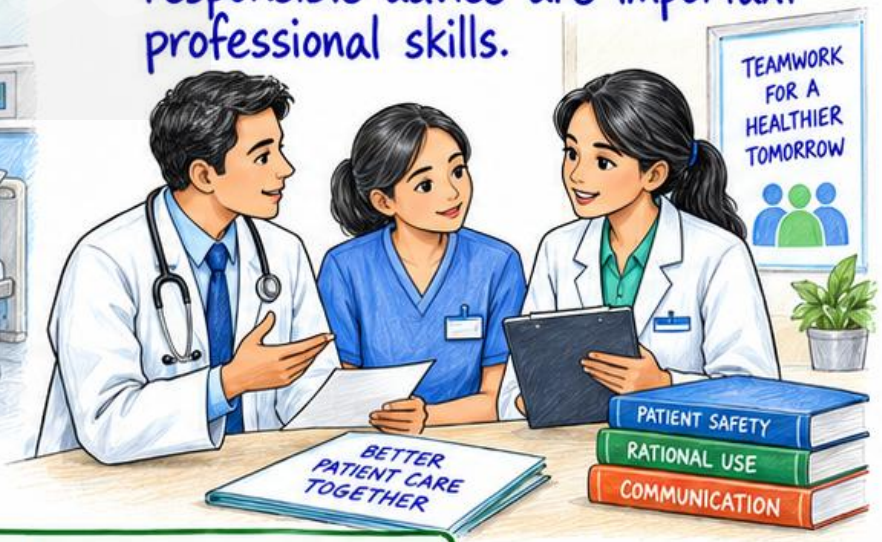
HOSPITAL & CLINICAL SETTINGS

- Support medicine supply and safe use within the hospital.
- Review medicine-related problems and provide drug information within the role's scope.



HEALTHCARE TEAMWORK

- Work with physicians, nurses and other healthcare professionals.
- Clear communication helps resolve medicine-related questions and improve patient care.
- Accuracy, confidentiality and responsible advice are important professional skills.



★ Patient benefit depends on knowledge, careful dispensing and clear communication.

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