

**SNS COLLEGE OF PHARMACY
AND HEALTH SCIENCES**

Affiliated To The Tamil Nadu Dr. MGR Medical University, Chennai

Approved by Pharmacy Council of India, New Delhi.

Coimbatore -641035



PHARMACEUTICS / PHARMACY ORIENTATION

PHARMACY AS A CAREER

CASE STUDY PUZZLES

Case Study Puzzle 1: Confused Student



A 12th-grade science student wants to join **Pharmacy**, but believes pharmacists only “dispense medicines in medical shops” and have no other roles.

Puzzle Question:

What misconceptions does the student have?

Explain at least **five major career paths** in pharmacy and how each contributes to healthcare.

How can guidance counselling help in career decision-making?

Case Study Puzzle 2: Industry vs. Clinical Pharmacy

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A B.Pharm graduate receives two job offers:

1. **Production Chemist** in a pharmaceutical industry
2. **Clinical Pharmacist** in a hospital

The student is confused about which to choose.

Puzzle Question:

Compare both roles in terms of **skills, responsibilities, salary growth, and work environment**.

Which factors should the student consider before choosing?

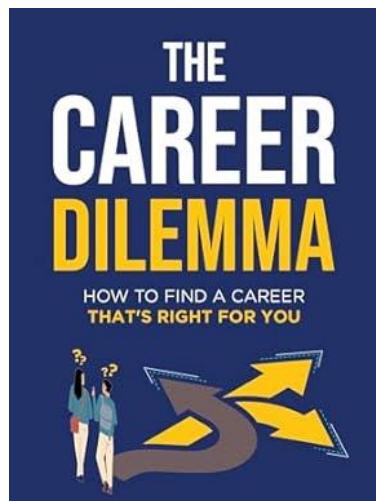
How do both fields contribute differently to patient care and drug development?

 **Case Study Puzzle 3: Research Career Dilemma**

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A pharmacy student wants to enter **drug research**, but is unsure whether to pursue **M.Pharm (Pharmaceutics)**, **M.Pharm (Pharmacology)**, or **Ph.D.**

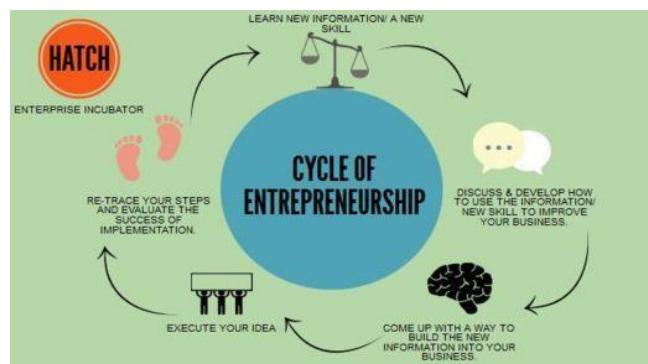
Puzzle Question:

Which pharmacy specializations lead to a research career?

What is the role of research pharmacists in **drug discovery**, **formulation development**, and **clinical trials**?

How does pursuing higher studies help in building a research-oriented career?

 **Case Study Puzzle 4: Entrepreneurship Path**



A young pharmacist wants to open a **community pharmacy store**, but is unaware of legal requirements and business skills needed.

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Puzzle Question:

What licenses and regulatory approvals are required to open a pharmacy?

Which entrepreneurial skills are essential?

How can pharmacists contribute to **public health** through community pharmacy?

Case Study Puzzle 5: Global Career Aspirations



A final-year B.Pharm student wants to work abroad (USA, UK, Canada, Gulf), but doesn't know the qualifications needed.

Puzzle Question:

List international exams like **NAPLEX, TOEFL/IELTS, PEBC, DHA, HAAD** required for various countries.

What additional training or bridging programs might be needed?

What are the common global roles available for pharmacists?