

Pharmacy is the profession that connects health sciences with chemical sciences. With the increased number of pharmaceutical products and introduction of newer therapeutic options, there is an increased complexity of information regarding selection of appropriate therapy. Therefore, it is "need of the hour" to make the pharmacy profession an integral part of health care system for safe and effective use of medicines. This increased need has led to development of novel dimensions in pharmacy education like the introduction of Pharm. D programme in India.

Pharm. D (Doctor of Pharmacy) is a professional doctorate degree in pharmacy. In developed countries, it is the minimum requirement for licensing and practicing the profession as pharmacist. The Pharm.D programme was approved by the Ministry of Health & Family welfare, Govt of India, (Vide letter No: V.13013/1/2007-PMS) announced in gazette of India in 2008.

Students who have passed Intermediate or Diploma in pharmacy course are eligible to pursue Pharm. D degree, which includes five years of classroom-based academic study, followed by one year of internship or residency training at Hospital setting in addition to ongoing practical's.

Students who have passed their B. Pharmacy degree are also eligible to obtain the Pharm. D (Post-Baccalaureate or PB) degree which includes 2 years of class-room based academic study, followed by one year of internship or residency training at Hospital setting in addition to ongoing practical's.

### **About The Department of Clinical Pharmacy:**

Sri Shanmugha College of Pharmacy started offering Pharm. D course from the year 2023. We are the Pioneers in initiating Clinical Pharmacy services in the Tamilnadu region.

Sri Shanmugha Colleges are presently associated with Government Head Quarters hospitals of Mettur and started Clinical Pharmacy Practice and Drug Information services in all its practicing sites.

### **Principle Strengths of the Department:**

A blend of experienced and young dynamic staff with diversified exposure in providing clinical pharmacy services and carry out Pharmaceutical research.

Good infrastructure with advanced drug information resources to resolve queries related to drugs

Our department has good organizational capabilities with computer facilities and is able to plan, prepare and promote continuous professional educational programs in latest drug development and research.

Access to global standard drug information resources like American hospital formulary service (AHFS), Thomson Reuters Micromedex and luxi-comp drug information,

Access to highly reputed Medical and Pharmaceutical journals like Lancet/Elsevier/Springer link journals.

Member of Consortium for the Advancement of Medication Information, Policy & Research (CAMIPR) under Division of Drug Information services, University of Iowa, USA.

Recognized under Pharmabridge Project of International Pharmaceutical Federation (FIP) for International Students/faculty exchange program.

### **Department activities:**

The professional services offered to health care professionals (Doctor, Nurse, and Community Pharmacist, paramedics) and the general public by the Department of Clinical Pharmacy Practice of Sri Shanmugha Colleges at-par with International standards:

Provision of Drug Information

Provision of Poison Information

Drug Interaction checking

Patient Counseling

Drug administration procedures and Techniques

Adverse Drug Reaction monitoring and reporting

Drug use in special population (Pregnancy and Lactation) etc,