

GOA COLLEGE OF PHARMACY

GOVERNMENT OF GOA

18TH JUNE ROAD, PANAJI-GOA

PREFACE

Pharmacy profession in Goa is the oldest in the Indian subcontinent. The first ever Pharmacy course was introduced along with the medical course in 1842 at the old Portuguese school known as “Escola Medica de Goa and later named as “Escola Medica Cirurgica de Goa”. The Pharmacists (Farmaceuticos) and Doctors (Medico Cirurgiao) were educated and trained in the same medical school and they had almost the same status in the Goan Society.

In the year 1963, after liberation of Goa in 1961, the institute was renamed as the Goa College of Pharmacy and shifted to the present premises which was formerly, a Portuguese Technical School by upgrading the old Portuguese Pharmacy course to a full fledged degree course of Bachelor of Pharmacy under the University of Bombay. Later in 1970, the College was recognised for Master’s degree in Pharmacy entirely by Research under University of Bombay.

The College started the Diploma in Pharmacy in 1966. In 1992, Master of Pharmacy in Quality Assurance was started, and Master of Pharmacy in Pharmacology was started in 2003, under Goa University.

The College is now affiliated to Goa University and is approved by Pharmacy Council of India and All India Council for Technical Education, New Delhi and is run by Government of Goa.

What is Pharmacy?

The word “Pharmacy” has been derived from Greek word ‘Pharmacon’ which means drug. The concept of Pharmacy is not only confined to compounding and dispensing of drug, but Pharmacy is now one of the important divisions of Healthcare system along with Medical Sciences and Nursing Sciences. Pharmaceutical Science has dual role in the present scenario of Healthcare system and scientific technologies.

Pharmacy/Pharmaceutical Sciences and technologies involve large scientific spectrum like-

Drug discovery, Synthesis, manufacturing, drug modeling & designing, biotechnology, bio-informatics, bio-pharmaceutical engineering, research & development, drug retailing, wholesale and export of drugs.

Newer fields are emerging in Pharmacy and Community practices. Hence, Profession of Pharmacy encompasses both science of healthcare and Scientific technology.

Career Opportunities

Industrial Pharmacy

Pharmacists are employed in Pharmaceutical industry in areas which include drug development, production, marketing, clinical trials and compiling applications to introduce new drugs.

Hospital Pharmacy

Hospital Pharmacists are responsible for the distribution of drugs within the hospital and are involved in educating patients and medical practitioners about the most appropriate use of medicines. Also in activities such as monitoring for drug interactions and participating in research projects directed towards improving methods of drug treatment.

Community Pharmacy

The Pharmacy Act requires that all community pharmacies are owned by Pharmacists, so many practitioners own and operate their own Pharmacies. They supply and distribute medicinal and related products. Advice and counseling given by Pharmacists play an important role in maximizing the efficacy of the medication whilst minimizing side effects.

Research

The Bachelor of Pharmacy is an excellent first step for those who have the ability and aptitude for research in Pharmacy or in any branch of medical research. Students then take a program leading to Master's degree or Doctor of Philosophy (PhD) degree.

Other career opportunities

Pharmacists are employed by various government agencies, both commonwealth and state, generally in positions concerned with the control, manufacture, supply and distribution of drugs and drug preparations. There are also some opportunities in defence services, customs and narcotics.

The job opportunities for Pharmacists, in present scenario are at R&D, contract research as a teaching faculty and as community pharmacist in third world and developed countries.

Location

Goa College of Pharmacy locates in the heart of Panjim city, Capital of Goa in India.

Academic Programs

College conducts courses leading to Diploma in Pharmacy, Bachelor of Pharmaceutical Sciences and Master of Pharmacy (Quality Assurance & Pharmacology).

Name of course	Duration	No. of seats	Admission
Diploma in Pharmacy	2 years	60	DTE, Porvorim, Goa
Bachelor of Pharmaceutical Sciences	4 yrs	60	DTE, Porvorim, Goa
Master of Pharmacy (Quality Assurance)	2 yrs	13	Goa College of Pharmacy
Master of Pharmacy (Pharmacology)	2 yrs	5	Goa College of Pharmacy

ADMISSION

Diploma in Pharmacy : 60 seats

Admission is done by the Directorate of Technical Education, under the central admission process for all the Professional Colleges of Goa. Candidates should be a pass in 12th Science or equivalent with English, Physics, Chemistry Biology, Mathematics or Computer Science. Admission is on merit. Some seats are reserved as per the reservation policy of the Government.

Bachelor of Pharmaceutical Sciences : 60 seats

Admission is done by the Directorate of Technical Education, under Central admission process for all the Professional Colleges of Goa. Candidates/Applicants should possess second class (50%) in 12th Standard (H.S.S.C.) with English, Physics, Chemistry or Biology or Mathematics or

Computer Science or Biotechnology. Admission is on merit. Some seats are reserved as per the reservation policy of the Government.

Master of Pharmacy (Quality Assurance): 13 seats

Admission is done by the college on the basis of merit. Candidates should possess B.Pharm. Sciences degree with 55% marks and GATE score.

Master of Pharmacy (Pharmacology): 5 seats

Admission is done by the college. Candidates should possess B.Pharm. Sciences degree with 55% marks and GATE score.

NOTE: For Master of Pharmacy courses, when GATE qualified candidates are not available, admission will be given to Non-GATE candidates on merit.

Prospectus

D.Pharm & B.Pharm.Sc. - Contact the Directorate of Technical Education, Porvorim.

M.Pharm courses - Students should contact the cashier of the College.

Faculty

The College is headed by Principal. There are five Professors, six Assistant Professors and thirteen Lecturers. The faculty comprises of five departments: Pharmacology, Pharmaceutics, Pharmacognosy, Pharmaceutical Chemistry and Pharmaceutical Analysis.

The College is supported by laboratory staff, library staff and administrative staff. The College also has visiting faculty and experts from industry and other institutions across the state.

Infrastructure

College has spacious class rooms, an examination Hall, a seminar room, Conference Hall, Staff common room, Ladies common room, well equipped Laboratories, Library, Administrative block.

The College has well equipped Instrument room with HPTLC, HPLC, FTIR, UV-VIS Spectrophotometers, AAS, Spectrofluorimeters, Dissolution unit, Gas Chromatography etc.

There is also a Computer Centre with Internet facility for staff and students of the College. Library also has a xerox machine and xeroxing facility is provided at a reasonable rate. A separate hostel for boys and girls is located at Altinho, Panaji. A bus and a van cater to the needs of students and staff. There is a canteen attached to the College and mess facility is available at boy's and girl's hostel.

Correspondence and information

In case of difficulties / help,

Contact :

Principal,

Government of Goa,

Goa College of Pharmacy,

18th June road, Panaji, Goa State.

Telephone Nos.: (0832) 2226882, 2226883, 2421961 (Office)

Telefax: (0832) 22226883

E-mail : gocopha@sancharnet.in