

***1.1.1. Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific outcomes (PSOs) and Course Outcomes (COs) of the Programmes offered by the Institution***

Chalapathi Institute of Pharmaceutical Sciences (CLPT) offers B.Pharmacy, Pharm.D and M.Pharmacy in 04 specializations. CLPT was accorded autonomous in 2016 by UGC, accordingly BOS/Academic Council and other committees were established, designed curriculum for B.Pharmacy and M.Pharmacy programmes and approved by academic council and implemented. In view of Gazette of India, B.Pharmacy course regulations, 2014, M.Pharmacy, course regulations, 2014, the Pharm.D course regulations 2008, were implemented by the approval of academic council from the year 2009 (Pharm.D), 2017 (B.Pharmacy and M.Pharmacy) programmes. All the courses of all programmes offered by the institute are developed in relevance to local, national and global developmental needs. Every department has a BOS comprising the faculty, experts, students, alumni, industrial experts, approve the syllabus of courses after deliberations and finally approved by academic council. All programmes have well defined Program Education Objectives (PEO's) which is reflected in the Program outcomes (POs), Program Specific Objectives (PSOs) which in turn is reflected in the curriculum of the courses. A series of faculty meetings with all stakeholders are conducted keeping in view of latest trends of industry in correlation to the stated PO's, PSOs and COs is carried out. BOS will consolidate the gaps and enrich the curriculum with additional topics and finally approved by academic council. The curricula has been enriched with supportive topics, additional courses such as Professional ethics and human values, Skill development courses, Entrepreneurship skills course, Communication skills, Pharmacovigilance, Clinical data management, etc., The courses leading to more employability, skill development are continuously strengthened by updating the syllabi in accordance to the needs of the industry. Social and preventive pharmacy, environmental sciences, Pathophysiology, Pharmacovigilance courses of pharmacy programmes meet the local and regional needs and demands of the public. Drug profile courses, modern pharmaceutical analytical techniques, modern pharmaceuticals, computer aided drug delivery system, molecular pharmaceuticals, pharmaceutical validation etc., herbal drug technology, quality assurance, biostatistics and research methodology meets the national and global developmental needs and are reflected in Cos, Pos and PSOs of the B.Pharmacy/M.Pharmacy/Pharm.D programmes offered by the institution. Employability is

ensured through courses like herbal drug technology, Instrumental methods of analysis, skill development courses, Certificate courses, clinical research, clerkship, projects, internship, clinical pharmacokinetics and pharmacotherapeutics drug monitoring, biostatistics, industrial pharmacy, novel drug delivery systems.

The institute hosts reunion meets of alumni and industrial experts during placements; during such meets the institute takes the initiative of eliciting their views and suggestions in respect of required changes in curriculum. Cos of 1, 2 and 3 of all programmes meet PO1, PO2, PO3 and PO5 to strengthen fundamentals, decision making and professionalism. Communication skills, computer applications, human values and professional ethics courses meet PO7, PO8 and PO9. Environmental Sciences course meet PO10. Research methodology / industrial pharmacy / clinical pharmacy / novel drug delivery system / industrial pharmacy / clinical research / drug regulatory affairs meet PO11. Every year / semester CO/PO attainments are calculated.