



## MASTER OF SCIENCE (M.Sc.) IN CLINICAL RESEARCH

- With the norms and guidelines in Clinical Research field gaining momentum, there is a dire need to train the professionals ready to plunge in the industrial career with no advance technical training required to suit the profile.
- The program provides an in-depth know how of the operations and guidelines in the field of clinical research including guidelines from various developed and developing countries aiming high in the discipline of clinical trials.
- The objective of the program is to offer dedicated and application oriented training solutions molding the professionals into industry-ready experts, to train and develop clinical research professionals by imparting quality education. The highlights of the two-year master program would cover Elements of Microbiology and Biotechnology, Anatomy, Physiology, Etiology of Diseases, General Pharmacology, PKPD, Regulations in Research, Operations and Conduct of Clinical Trials, BABE Studies, Data Management and Biostatistics Summary and Pharmacovigilance.

**Duration:** Two Year-Full Time (Four Semester Program)

**Prospects:** Candidates can perform and cater to different profiles like Clinical Research Coordinator, Clinical Research Associate, Regulatory Affairs Executive, Medical Writer, Clinical Research Pharmacist, Business Development Executive, Project Manager, Senior CRA, Quality Control Monitor, QA Auditor etc.

**Eligibility:** Graduates and Post Graduates in Pharmacy, M.Sc./B.Sc. (Microbiology, Chemistry, Botany, Zoology, Biochemistry, Biotechnology, Life Science), MBBS, BAMS, BHMS, BDS, Physiotherapy, Para-Medical, BPNA, GNM, B.Sc. (Nursing)

**Certificate:** Certified by Gujarat University (B++/83.1% NAAC Accredited)

**Fee:** INR 40,000/- per semester for regular seat

INR 50,000/- per semester for special seat



**Program Semester I**

**Modules:** Module I: Elements of Microbiology & Biotechnology  
Module II: Fundamentals of Anatomy, Physiology and Pathophysiology  
Module III: General Pharmacology & PKPD of Drugs

**Semester II**

Module IV: Pharma Medicine and General Clinical Research  
Module V: Regulations in Clinical Research  
Module VI: Clinical Research Operations Management

**Semester III**

Module VII: Conduct of Bioequivalence Studies  
Module VIII: Clinical Data Management and Biostatistics  
Module IX: Pharmacovigilance and Post Marketing Surveillance

**Semester IV: Dissertation**

**Contact:** Clinical Research Programs,  
Department of Microbiology/Biotechnology  
Gujarat University,  
Navrangpura,  
Ahmedabad-380009  
Gujarat, India  
Ph: 09033666828  
Email: [clinicalresearchgu@gmail.com](mailto:clinicalresearchgu@gmail.com)