

Submission of application start date : 20 Oct, 2020  
Course commencement : 30 Nov, 2020



## Contact Us

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Apollo Hospitals Educational and Research  
Foundation (AHERF)  
and  
Delhi Pharmaceutical Sciences & Research  
University (DPSRU)

jointly invites applications for  
**POSTGRADUATE DIPLOMA IN CLINICAL  
RESEARCH (PGDCR)**



## About Apollo Hospitals Educational and Research Foundation (AHERF)

AHERF is a not for profit organization established in 1992, recognized by the Department of Scientific and Industrial Research (DSIR), and is focused on basic, translational and epidemiological research. AHERF comprises of the Cell and Molecular Biology Research Centre (CMBRC) at Hyderabad and also has offices at Chennai and Delhi to carry out research activities, under the guidance of esteemed advisor Prof. Nirmal Kumar Ganguly (Former DG-ICMR). The CMBRC laboratory enables basic and translational research projects in cutting edge areas such as liquid biopsy, molecular diagnostics, pharmacogenetics and exosomes. CMBRC laboratory at AHERF Hyderabad with an experienced scientific team currently involved in validation of newer biomarkers for various cancers, pathological conditions, glioblastoma, etc. Further AHERF also spearheads a faculty development program to spawn research pilots for basic research projects. Under this program and with the seed funding provided by AHERF, consultants from various therapeutic disciplines across Apollo Hospitals carry out proof of concept studies, which enables them to prepare and submit proposals for grants from DST/DBT/ICMR.

In addition to carrying out in-house educational courses and research activities, AHERF continues to establish and strengthen strategic partnerships with national/ internationally renowned institutes/ universities and hospitals in India and abroad in the interest of developing innovative collaborative educational and research programmes.

## About Delhi Pharmaceutical Sciences and Research University (DPSRU)

The first pharmacy University of India established as State Government University recognized under 2f of the UGC. The only pharmacy University in India offering UG and PG programmes in various disciplines of health sciences ranging for pharmacy (B. Pharm & M. Pharm), allied health sciences (MBA, MPH & MHM), Physiotherapy (BPT & MPT) and Sports Pharmacy (B.Sc.).

The University has a legacy of 55 years and has an excellent research ecosystem with a number of specialized centres of excellence of research like Ocular Pharmacology, Nanotechnology, Biotechnology, Herbal Drug Technology, Cosmetic Collaboration with several National and International bodies like Stavropol State Medical University, Russia University, University Sains Malaysia, V ClinBio Lab, New Jersey USA and Particle Sizing System USA, Indian Pharmacopoeia Commission, Indian Renewable Energy Development Agency and Institute of Nuclear Medicine & Allied Sciences.

## Course Description

Clinical Research is the branch of health sciences that evaluates the safety and efficacy of medicines, devices, diagnostic products and treatment regimens intended for human use. In the light of information and data explosion, there is everlasting need to carry out research by and for the pharmaceutical and biomedical industry not only for better marketing but also for the welfare of the patients and public health. Clinical research aids this process of development through its activities traversing from the ethics, conduct, management of men and material, data and its analysis and finally the report generation. This has a direct impact on products/molecules reaching the pharmacy outlets. This course, Post-Graduate Diploma in Clinical Research (PGDCR), has been designed to fill the demand and supply gap amongst medical and paramedical researchers, clinicians and health administrators. Apollo Hospitals Educational and Research Foundation (AHERF), has successfully executed this program for more than 25 batches over the past 10 years, across Ahmadabad, Chennai, Hyderabad, Kolkata and New Delhi.

## Course Objectives

- To train research professionals and equip them with critical skills needed for clinical research
- To promote ethics and values in research in hospitals through Good Clinical and Laboratory Practices (GLP & GCP).
- To collaborate with the pharma industry and provide hands on experience to students and researchers and thereby, provide job ready clinical researchers.

## Course Content

The course work is subdivided into the following 12 modules (Theory (T), Practical (P) and Laboratory and Hands-on Training (L)). Theory classes will comprise classroom lectures and tutorials.

**Course Duration:** 12 months classroom based program with 8 months of theory and 4 months of internship at Apollo Hospitals, New Delhi

### Semester- I

- Module 1 (MCR 1): Introduction to Pharmaceutical Industry and Clinical Research
- Module 2 (MCR 2): Introduction to Pharmacology and Drug Discovery and Development
- Module 3 (MCR 3): Good Clinical Practice and Role of Ethics in Clinical Research
- Module 4 (MCR 4): Regulations in Clinical Research
- Module 5 (MCR 5): Research Methodology and Bio-Statistics
- Module 6 (MCR 6): Clinical Trial Management and Documents
- Module 7 (MCR 7): Clinical Trial Finance and Budgeting
- Module 8 (MCR 8): Quality Control and Quality Management in Clinical Research
- Module 9 (MCR 9): Medical Specialty Based Approach

### Semester- II

- Module 10 (MCR 10): Clinical Data Management
- Module 11 (MCR 11): Pharmacovigilance and drug-drug interactions /reactions
- Module 12 (MCR 12): Introduction to Business Management and Personality Development. Practical & hands on training

### Other Co-curricular Activities

1. Student Seminars and Journal Club
2. Communications Skill Workshop
3. Seminars by Professionals from Industry

## Admission Procedure

The admission process is done on the basis of merit of academic qualification and clinical research work experience, along with an entrance test, group discussion and personal interview conducted jointly by AHERF & DPSRU

## Eligibility

**B.Sc./M.Sc.** (Life Sciences, Nursing ) / MBBS/ BAMS/ BHMS/ BDS/ BPT/ B. Pharm. from a recognized University with minimum 55% aggregate.

**Seats:** 25 students per batch

## Fee Details

**Registration Fee:** Rs.500/- payable at the time of submission of the application form.

**Course Fee:** Rs. 150,000/-(One lakh fifty thousand) plus GST, can be paid as cash or by DD in favor of Apollo Hospitals Educational and Research Foundation.