

Advanced Post Graduate Diploma in Clinical Research, Biostatistics & SAS

This is a comprehensive educational program, designed for the Pharma /Medical/Life Sciences professional aspiring to work in the field of clinical research or allied professions like central labs, CROs, Sponsor Company. The program provides complete overview and practical environment in the field of clinical research. The program would help candidates to upgrade their knowledge about ICH GCP Guidelines, regulatory issues, study design, research methodology, and statistical analysis and interpretation in clinical trials and other major aspects of clinical trials management. Course has been divided into four modules. In First module, we cover the basic aspects of Clinical research design, planning and management. The second module would include Biostatistics which help the learner to understand the subject thoroughly. In the third module, we are focusing on SAS programming. In the fourth module, we cover clinical data analysis and reporting using SAS software .Program would help in developing career in the field of clinical research.

Cliniminds has been at the forefront of providing clinical research training and consulting solutions to the life sciences industry for the last several years. We have already trained over 8000 professionals and successfully placed them in the industry. Cliniminds boasts of various programs, running for the last 15+ years and over 100+ batches have passed and have been placed in the pharmaceutical companies, CROs, KPOs and other clinical research organizations. Our students have been placed with the leading companies.

Program Details: The program would cover

Module I

BASICS OF CLINICAL RESEARCH

- Clinical Research Introduction
- Principles of Pharmacology & Drug Discovery & Development
- Roles & Responsibilities of Key Stakeholders
- Preparations & Planning for Clinical Trials
- Essential Documentation in Clinical Research & Regulatory Submissions
- Clinical Trials Project Planning & Management
- Study Start Up Process
- Clinical Monitoring Essentials
- Compliance, Auditing & Quality Control in Clinical Research
- Clinical Data Management, Biostatistics, Analysis & Reporting.

Module II

BASICS OF BIOSTATISTICS

- Introduction to Research and Statistics/Descriptive Statistics/Probability
- Distributions
- Sampling Distributions/Statistical Inference
- Correlation and Regression
- Choosing Statistical Tests/ T-Test, Chi-Square Test, ANOVA, etc.
- Analysis of Categorical Data and Non Parametric Tests
- Introduction to Statistical Software's

Module III

SAS PROGRAMMING

- Getting Started with SAS

Disclaimer –This course brochure is for the purpose of creating an awareness about the program and career options. The exact information on course structure would be given to you at the time of orientation, and may vary from this brochure.

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- Components of SAS
- Reading various types of Raw data
- Working with SAS Datasets
- Combining datasets
- Working with SAS Arrays
- Proc SQL
- SAS Macro Language
- Basic Statistical Procedures

Module IV

CLINICAL DATA ANALYSIS AND REPORTING USING SAS SOFTWARE

- Introduction to Clinical Trials
- Understanding and Reviewing Statistical Analysis Plan
- Annotating the Mock Tables
- Creating Dataset Specifications
- Creating Analysis Datasets
- Creating Tables/Listings/Figures

Mode	:	Online/Distance Learning
Duration	:	6 Months
Eligibility	:	MD, MS, MBBS, BDS, BHMS, BAMS, BUMS, BPT, B.Pharms, B.Tech in Biomedical engineering, B.Sc in Biomedical, B.Sc in Instrumentation, M.Sc in Biomedical engineering, Graduate / Post Degree in Life Sciences, Mathematics, Pharmacology, Pharmacy, Medical Laboratory, Nursing, Biochemistry, Microbiology, Biotechnology and all professionals working with Pharmaceutical companies, CROs and Hospitals.
Methodology	:	Online Modules; Online Learning System
Examination	:	Online MCQs
Certificate	:	Certificate would be awarded upon successful completion of the program. Program is certified by the Pharmaceutical Society of India.
Accreditation	:	Program is accredited by Accreditation Council for Clinical Research Education, USA.
Fee Payment	:	Fee Payable by Cash, Cheque/Bank draft in the name of ' TENET HEALTH EDUTECH PVT. LTD. ' payable at Delhi Fee can also be deposited in the company bank account. We also accept Credit/Debit Cards.
International Payments	:	Through Debit/Credit cards using Paypal or wire payment through banks.

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Course Objectives:

- To provide a comprehensive introduction to the Clinical Research, Biostatistics & SAS in Clinical process.
- Understanding of key enterprise SAS tools.
- Basic concepts, importance of Biostatistics & SAS.
- Learn the skills, knowledge and competencies of a candidate for the Clinical Research Associate / Clinical Research Coordinator position.
- Become more familiar with roles/jobs as part of the study team.

Technology & Knowledge Partners



Cliniminds, Unit of Tenet Health Edutech Pvt. Ltd.

NOIDA ONE 602, Tower B Plot B8, Sector 62, NOIDA 201309, UP

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