cliniminds™
Academy for Clinical Research Training & Management
An ISO 9001:2000 Certified Academy

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Advanced Post Graduate Diploma in Biostatistics & SAS

(3 Months Class Room + 3 Months Paid Industry Internship at CRO)

Mode : Class Room – Weekend

Duration : 6 Months (3 Months Class Room + 3 Months Paid Industry Internship at CRO)

Eligibility : MD, MS, MBBS, BDS, BHMS, BAMS, BUMS, BPT, B.Pharma, Graduate/Post Graduate Degree in Mathematics, Life Sciences, Pharmacology, Pharmacy, Medical Laboratory, Nursing, Biochemistry, Microbiology, Biotechnology and all professionals working with Pharmaceutical companies, CROs and hospitals.

Methodology : Weekend Classroom Contact Program; Printed Training Modules; Online E learning System and **Hands on training on SAS software** in actual clinical research environment.

Examination : Classroom exams & Project work.

Certificate : Certificate would be awarded upon successful completion of the program. Program is certified & Accredited by the **Pharmaceutical Society of India.**

Job Assistance : Placement support would be provided to the successful classroom candidates.

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 company bank account. We also accept Credit/Debit Cards.

Loan Facility : HDFC Bank

Program Details : The program would cover:

Module I (Theory)

BASICS OF BIOSTATISTICS

- Introduction to Research and Statistics/Descriptive Statistics/Probability/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 Softwares

Module II (Practical)

SAS PROGRAMMING

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

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

Course Objectives

- To provide a comprehensive introduction to the Biostatistics & SAS in Clinical Research process.
- Understanding of key enterprise SAS tools.