

**CERTIFICATE
PROGRAMME IN
BIostatISTICS & STATISTICAL
SOFTWARES
(SAS, R & EXCEL)**



Institute of Clinical Research



www.orcigenix.com

**COURSE
BROCHURE**



CERTIFICATE PROGRAMME IN BIostatistics & Statistical Softwares (SAS, R & EXCEL)

ABOUT US

Orcigenix is one of the finest and premier service providers in the field of clinical research and training. Being an educational institute, we have successfully established our credibility and laid a strong foundation by quality education. Our staffs are academic and industrial specialist with more than 10 years of experience. The core training and problem-based learning methods at Orcigenix will help the students to leave with pragmatic understanding of the subject, and the confidence to put into practice in the workplace.



SAS (Statistical Analysis Software) developed by SAS Institute is widely used for clinical data management, business intelligence, predictive analysis, descriptive and prescriptive analysis, data governance, data quality, big data analytics, text mining, and health & life sciences data analysis.

Statistical computing using **'R'** is highly efficient and cost effective. R is a free language and which provides environment for statistical computing and graphics.

EXCEL is still the choice of statisticians across all fields including life sciences & health sciences for small sets of data as well as continuous data analysis and predictive modelling.

COURSE DESCRIPTION

The course will define probability and describe examples of its use. Normal and binomial distributions and their application will be explored, and the principles of statistical inference, including point and interval estimation, and the role of sampling variation, will be explained. As part of this introduction, a student will have the option to carry out basic data analyses of mock data from clinical trials using the computer-based SAS/R/EXCEL software package.

COURSE MODULES

Module 1: Basic Biostatistics

Module 2: Statistical analysis tests and methods

Module 3: SAS programming and analysis of data

Module 4: R and EXCEL programming – basics and detailed analysis

Module 5: Sample project (students will have the option to carry out data analyses from clinical trials using the computer-based SAS/R/EXCEL software package.)

COURSE DURATION

5 Months (Evening & Weekend classes)

ELIGIBILITY

Graduates with a degree in BSc/ MSc Life Sciences /Health Sciences/ Nursing/ MBBS/ BDS/ BAMS/ BHMS/ BPT/ B. Pharm/M. Pharm/ B.Tech/ M. Tech from any recognized university and with a minimum 55% of marks.

CAREER PROSPECTS

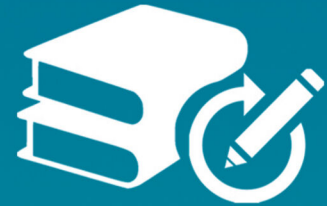
The clinical research industry is witnessing a high demand for qualified professionals. Clinical research makes for interesting career options with a great scope for professional growth. Listed below are the various career options one has after completing a training in SAS/R/Excel.

- Data Validation Executive
- SAS/Statistical Programmer
- Data Reviewer
- Clinical Database Designer
- Clinical Data Manger
- Quality Assurance Manager
- Medical Writer
- Biostatistician
- Head – Clinical Data Management

OUR FEATURES



Highly skilled, certified, industry proven, dedicated faculties with over 10 years of academic and industry expertise.



Updated course content with all the newly added national and International regulations and guidelines



100% placement assistance post training with certificate



Instructor led interactive sessions using professional tools and smart classes



FREE soft skill development programme and live webinars for real-time skill enhancement.



Institute Address

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